

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018948.D
 Acq On : 19 Dec 2023 15:07
 Operator : MA/JU
 Sample : PB157879BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS879

Quant Time: Dec 19 21:42:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 05:28:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	192692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	689824	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	418589	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1002795	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1026903	20.000	ng/u1	-0.01
88) Perylene-d12	23.668	264	1203225	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	30340	5.366	ng/uL	0.00
4) Pyridine-d5	3.675	84	393458	25.977	ng/u1	0.00
7) Phenol-d5	7.005	99	466596	24.129	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.163	67	260228	22.705	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	375503	24.886	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	353143	22.566	ng/u1	-0.01
21) Nitrobenzene-d5	8.993	128	172508	28.097	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	193561	30.408	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	378524	29.082	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	458650	26.963	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1001590	26.810	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1213455	29.497	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.681	143	190067	30.994	ng/u1	0.00
60) Fluorene-d10	15.457	176	923704	29.455	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	122147	20.315	ng/u1	0.00
73) Anthracene-d10	17.310	188	1532569	29.071	ng/u1	0.00
81) Pyrene-d10	19.551	212	1924021	24.069	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2026046	28.879	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	63759	10.282	ng/uL	94
5) Pyridine	3.693	79	423431	27.684	ng/u1	96
6) Benzaldehyde	6.969	77	236980	23.736	ng/u1	96
8) Phenol	7.034	94	492425	25.967	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.257	93	391973	25.168	ng/u1	98
12) 2-Chlorophenol	7.393	128	404497	26.488	ng/u1	96
13) 2-Methylphenol	8.281	108	363936	25.068	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.357	45	432181	21.870	ng/u1	97
16) Acetophenone	8.657	105	568995	24.397	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.640	70	266118	20.741	ng/u1	97
18) 4-Methylphenol	8.610	108	386474	24.379	ng/u1	99
19) Hexachloroethane	8.899	117	157332	25.131	ng/u1	89
22) Nitrobenzene	9.034	77	420409	28.163	ng/u1	96
23) Isophorone	9.563	82	781846	25.688	ng/u1	98
25) 2-Nitrophenol	9.746	139	214006	31.400	ng/u1	96
26) 2,4-Dimethylphenol	9.810	107	367447	27.567	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	486609	25.325	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	381492	30.429	ng/u1	98
30) Naphthalene	10.675	128	1206579	28.833	ng/u1	100
32) 4-Chloroaniline	10.793	127	410893	25.344	ng/u1	100
33) Hexachlorobutadiene	10.951	225	286471	34.118	ng/u1	99
34) Caprolactam	11.575	113	119358	31.048	ng/u1	92
35) 4-Chloro-3-methylphenol	11.922	107	374801	26.686	ng/u1	100
36) 2-Methylnaphthalene	12.287	142	811003	27.356	ng/u1	99

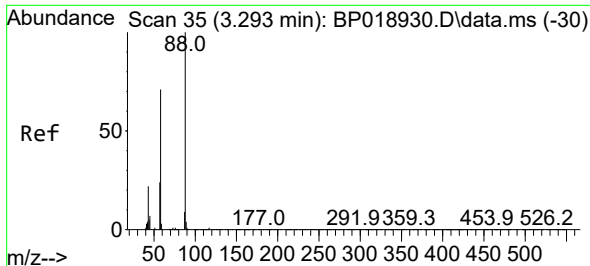
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	803384	26.834	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	509904	33.575	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	105635	11.735	ng/ul	98
41) 2,4,6-Trichlorophenol	12.898	196	308341	31.561	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	337089	31.826	ng/ul	97
43) 1,1'-Biphenyl	13.298	154	1080830	29.855	ng/ul	98
44) 2-Chloronaphthalene	13.339	162	889863	31.122	ng/ul	97
45) 2-Nitroaniline	13.551	65	227919	29.404	ng/ul	93
47) Dimethylphthalate	13.928	163	1052582	28.622	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	223666	32.192	ng/ul	94
50) Acenaphthylene	14.181	152	1424247	30.793	ng/ul	100
51) 3-Nitroaniline	14.375	138	232035	33.455	ng/ul	99
52) Acenaphthene	14.528	153	935328	30.585	ng/ul	100
53) 2,4-Dinitrophenol	14.586	184	67752	18.399	ng/ul	94
55) 4-Nitrophenol	14.692	109	155268	33.513	ng/ul	94
56) Dibenzofuran	14.863	168	1330432	31.302	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	327650	33.525	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	290294	32.675	ng/ul	92
59) Diethylphthalate	15.286	149	1038243	28.851	ng/ul	100
61) Fluorene	15.510	166	1075690	31.984	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	565032	32.034	ng/ul	95
63) 4-Nitroaniline	15.539	138	260377	39.407	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	139039	21.629	ng/ul	94
67) N-Nitrosodiphenylamine	15.722	169	915240	27.543	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	376210	29.717	ng/ul	92
69) Hexachlorobenzene	16.516	284	455209	32.205	ng/ul	95
70) Atrazine	16.680	200	191181	19.352	ng/ul	97
71) Pentachlorophenol	16.863	266	260902	31.036	ng/ul	99
72) Phenanthrene	17.257	178	1869956	30.876	ng/ul	100
74) Anthracene	17.345	178	1891201	31.152	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.263	216	511475	29.498	ng/ul	100
76) Pentachlorobenzene	14.781	250	514389	30.201	ng/ul	99
77) Carbazole	17.622	167	1717511	35.498	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1892312	29.372	ng/ul	100
80) Fluoranthene	19.227	202	2390469	25.299	ng/ul	95
82) Pyrene	19.580	202	2469247	25.905	ng/ul	94
83) Butylbenzylphthalate	20.457	149	942549	27.010	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.227	252	784847	31.451	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2543660	30.517	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1301221	27.129	ng/ul#	99
87) Chrysene	21.345	228	2350805	30.626	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	2337964	26.613	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2644217	29.806	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	2472667	28.806	ng/ul	98
93) Benzo(a)pyrene	23.568	252	2442510	30.132	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	3052307	31.515	ng/ul	95
95) Dibenzo(a,h)anthracene	26.151	278	2530719	31.411	ng/ul	97
96) Benzo(g,h,i)perylene	26.892	276	2446221	31.384	ng/ul	96

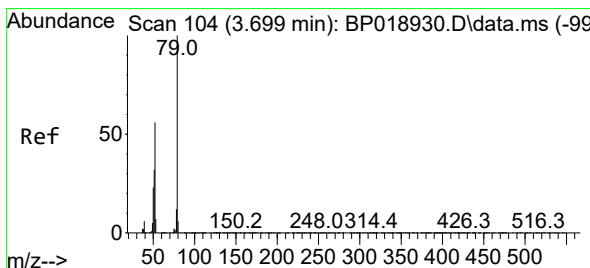
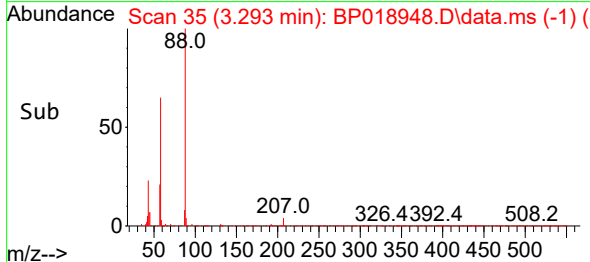
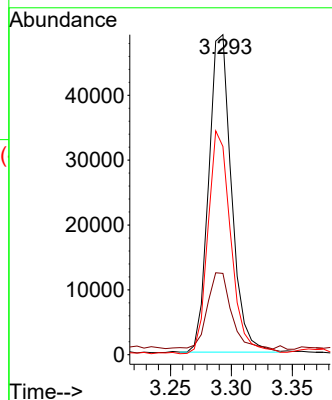
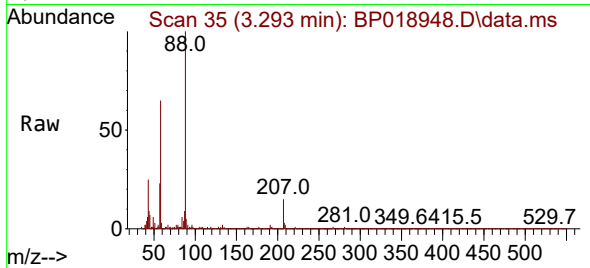
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#2
 1,4-Dioxane
 Concen: 10.282 ng/uL
 RT: 3.293 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BP018948.D
 Acq: 19 Dec 2023 15:07

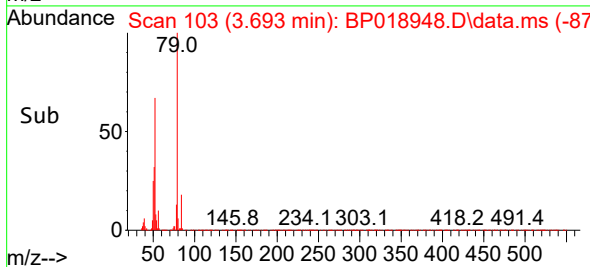
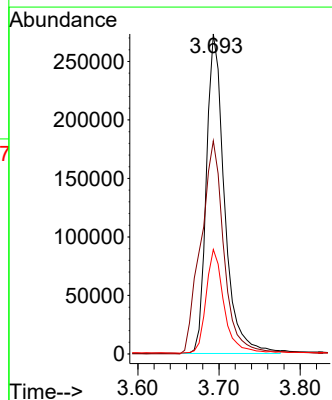
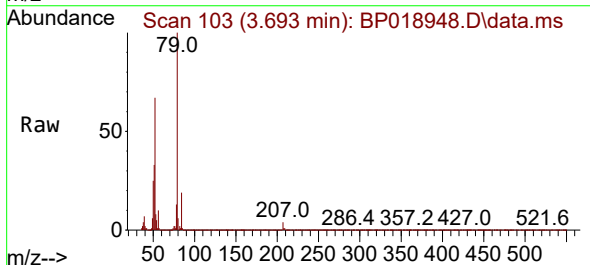
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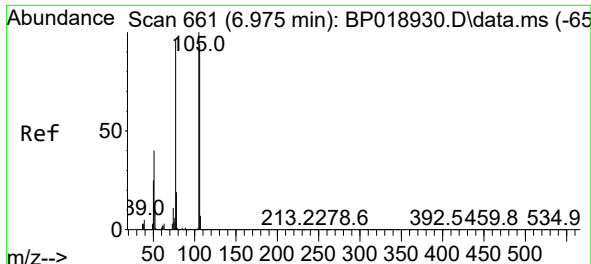
Tgt Ion: 88 Resp: 63759
 Ion Ratio Lower Upper
 88 100
 43 25.4 21.8 32.6
 58 65.1 56.5 84.7



#5
 Pyridine
 Concen: 27.684 ng/uL
 RT: 3.693 min Scan# 103
 Delta R.T. -0.006 min
 Lab File: BP018948.D
 Acq: 19 Dec 2023 15:07

Tgt Ion: 79 Resp: 423431
 Ion Ratio Lower Upper
 79 100
 52 66.6 57.4 86.0
 51 32.7 26.2 39.4

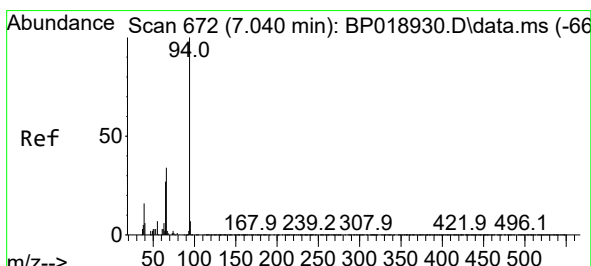
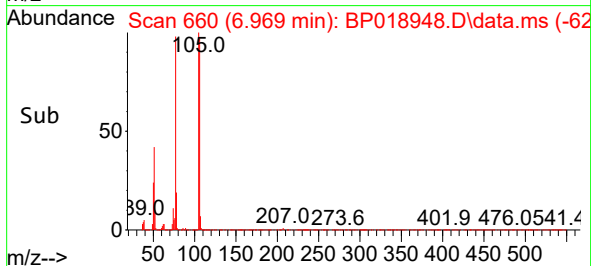
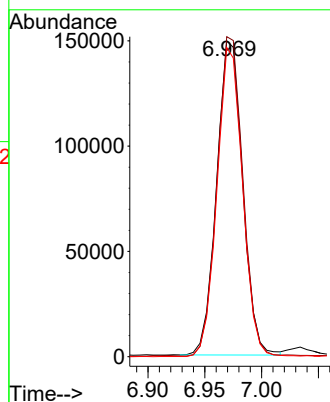
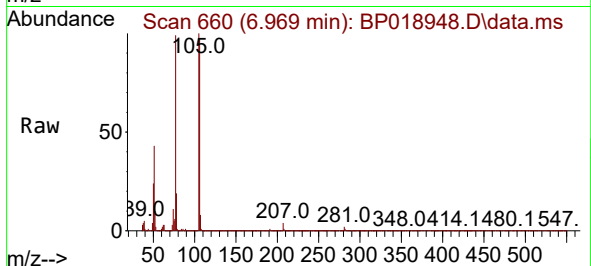




#6
Benzaldehyde
Concen: 23.736 ng/ul
RT: 6.969 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

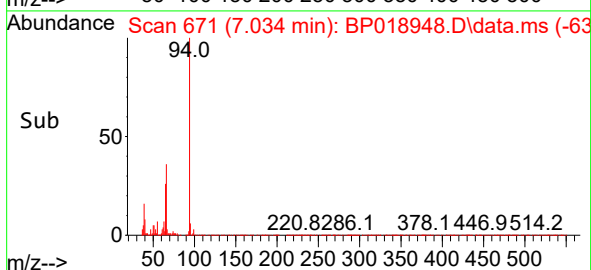
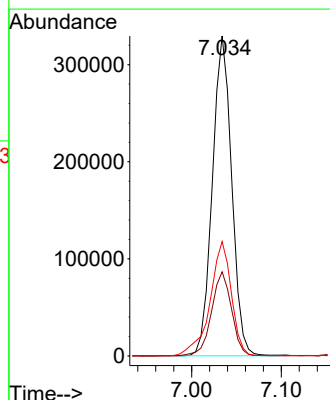
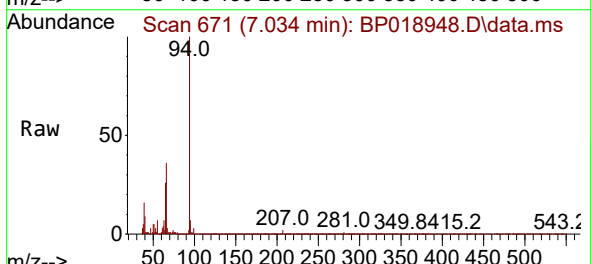
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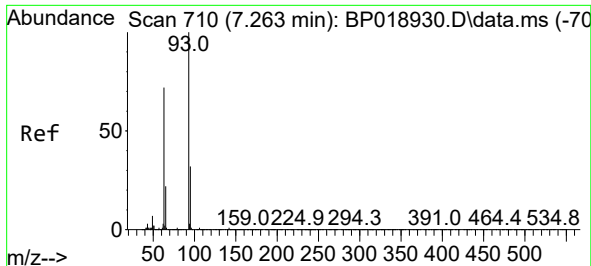
Tgt Ion: 77 Resp: 236980
Ion Ratio Lower Upper
77 100
105 101.3 77.9 116.9
106 97.9 74.6 111.8



#8
Phenol
Concen: 25.967 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion: 94 Resp: 492425
Ion Ratio Lower Upper
94 100
65 26.3 21.0 31.6
66 35.8 28.6 43.0

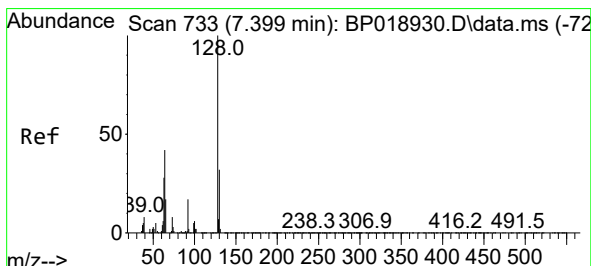
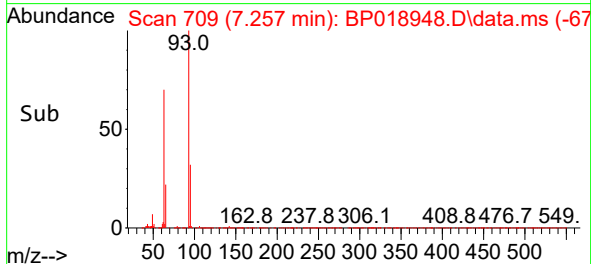
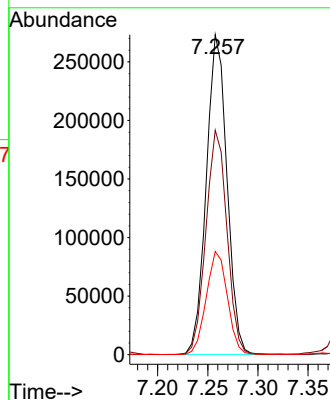
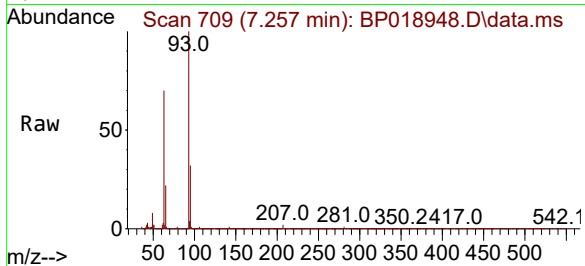




#10
Bis(2-Chloroethyl)ether
Concen: 25.168 ng/ul
RT: 7.257 min Scan# 709
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

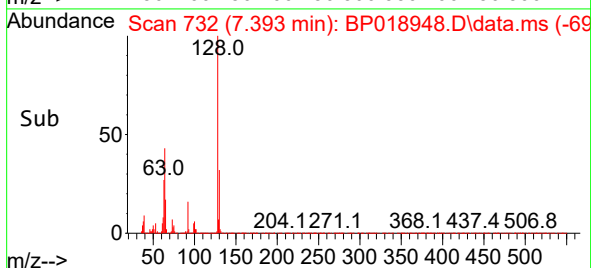
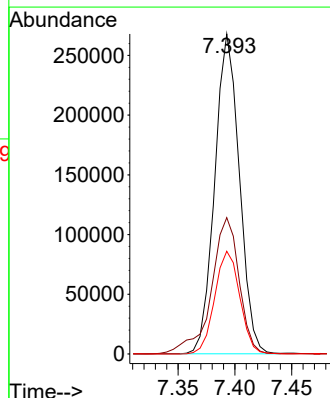
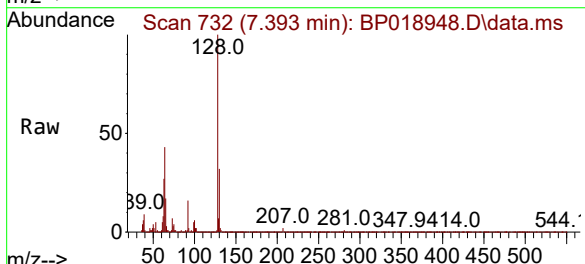
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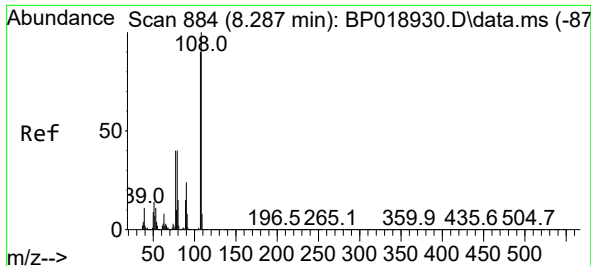
Tgt Ion: 93 Resp: 391973
Ion Ratio Lower Upper
93 100
63 70.1 58.3 87.5
95 32.3 25.9 38.9



#12
2-Chlorophenol
Concen: 26.488 ng/ul
RT: 7.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:128 Resp: 404497
Ion Ratio Lower Upper
128 100
64 42.6 37.0 55.4
130 32.1 26.8 40.2





#13

2-Methylphenol

Concen: 25.068 ng/ul

RT: 8.281 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

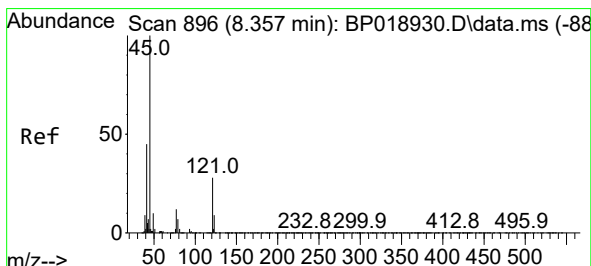
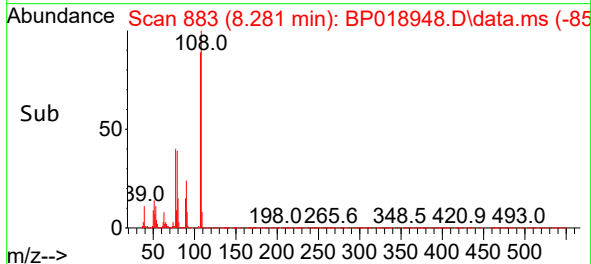
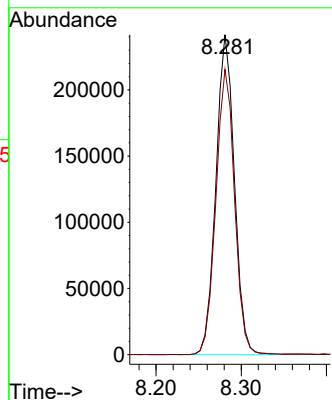
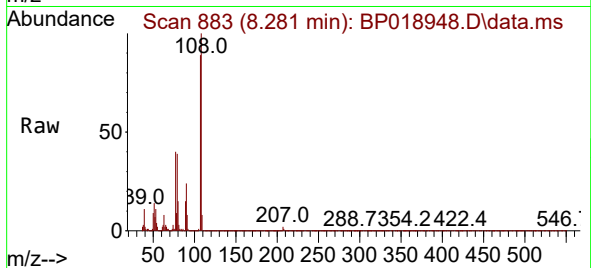
SLCS879

Tgt Ion:108 Resp: 363936

Ion Ratio Lower Upper

108 100

107 89.1 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.870 ng/ul

RT: 8.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

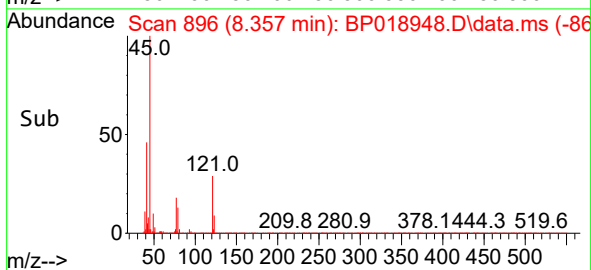
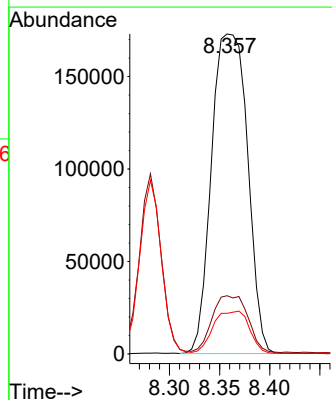
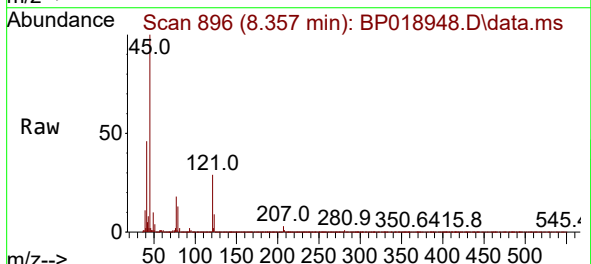
Tgt Ion: 45 Resp: 432181

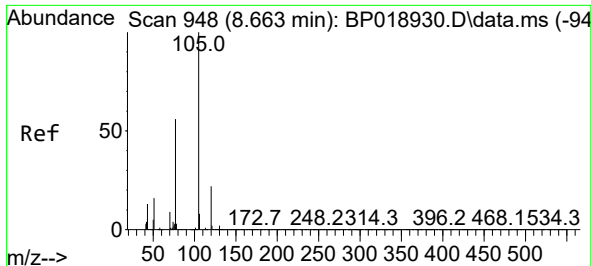
Ion Ratio Lower Upper

45 100

77 18.2 12.7 19.1

79 12.7 10.5 15.7

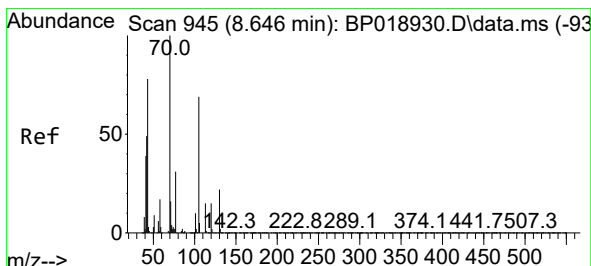
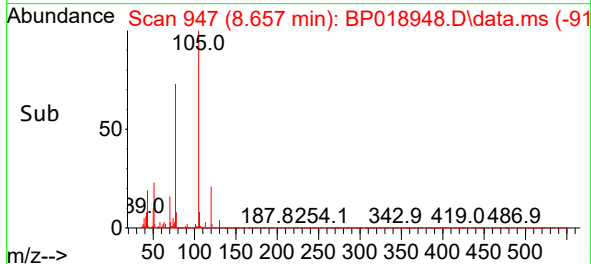
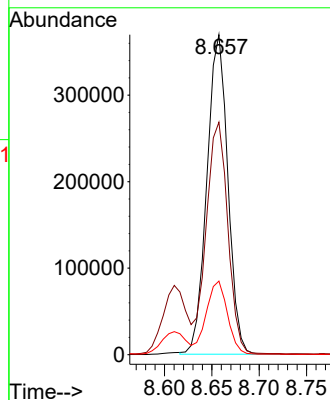
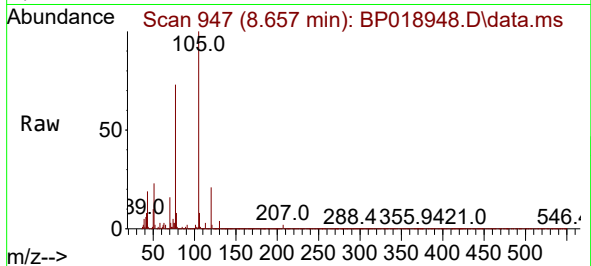




#16
Acetophenone
Concen: 24.397 ng/ul
RT: 8.657 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

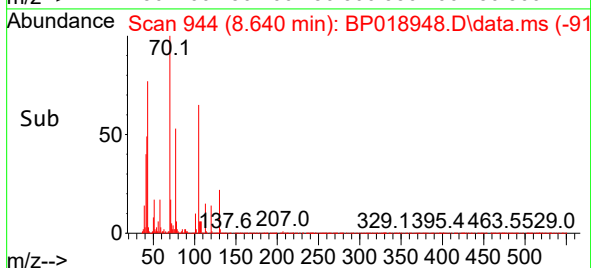
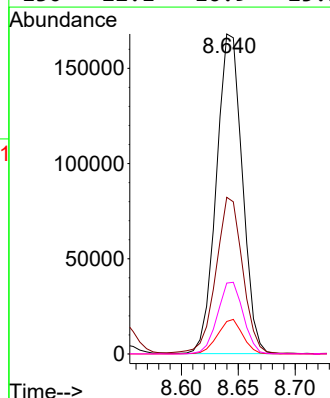
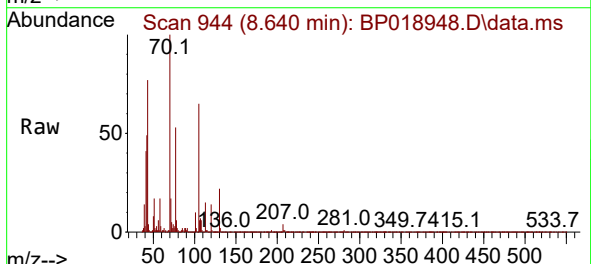
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ClientSampleId :
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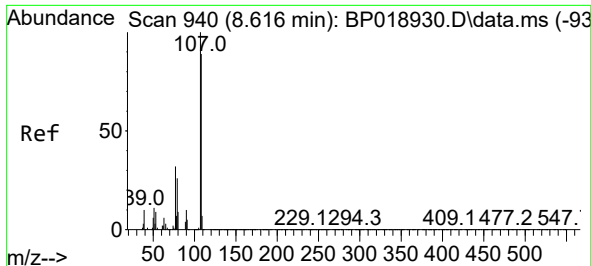
Tgt Ion:105 Resp: 568995
Ion Ratio Lower Upper
105 100
77 72.6 59.4 89.0
51 23.0 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 20.741 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion: 70 Resp: 266118
Ion Ratio Lower Upper
70 100
42 48.9 41.0 61.4
101 10.2 7.8 11.8
130 22.1 16.9 25.3

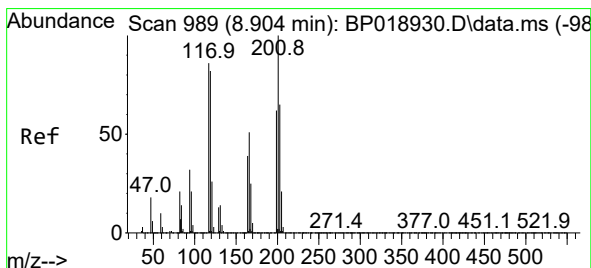
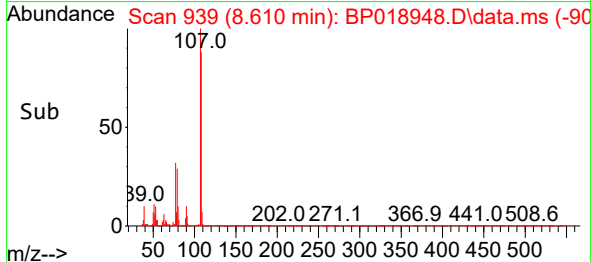
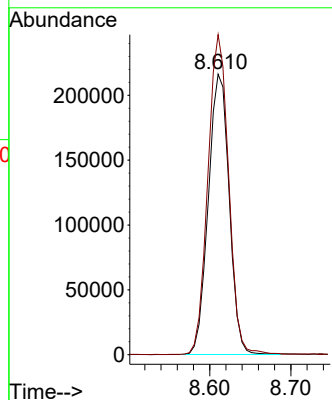
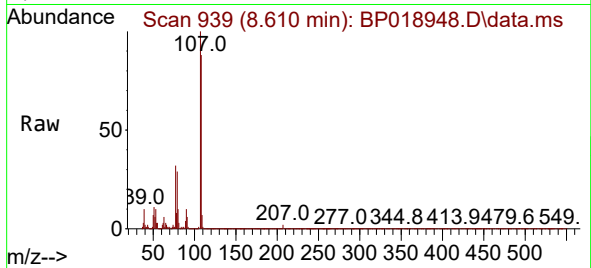




#18
4-Methylphenol
Concen: 24.379 ng/ul
RT: 8.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

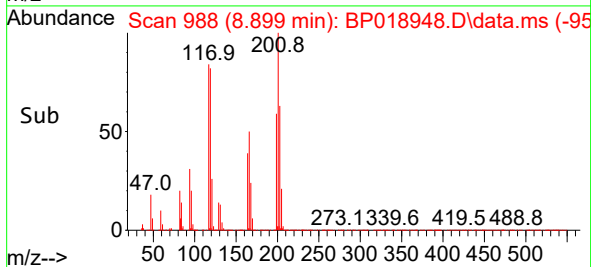
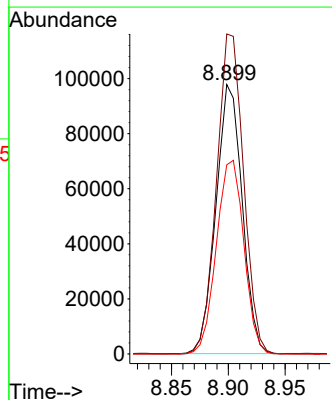
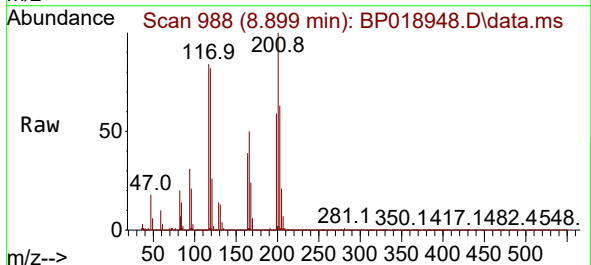
Instrument :
BNA_P
ClientSampleId :
SLCS879

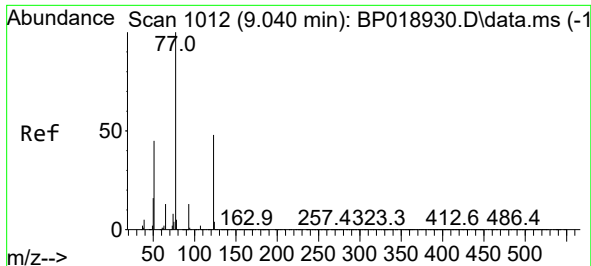
Tgt Ion:108 Resp: 386474
Ion Ratio Lower Upper
108 100
107 114.1 90.6 136.0



#19
Hexachloroethane
Concen: 25.131 ng/ul
RT: 8.899 min Scan# 988
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:117 Resp: 157332
Ion Ratio Lower Upper
117 100
201 118.8 83.7 125.5
199 70.2 52.3 78.5

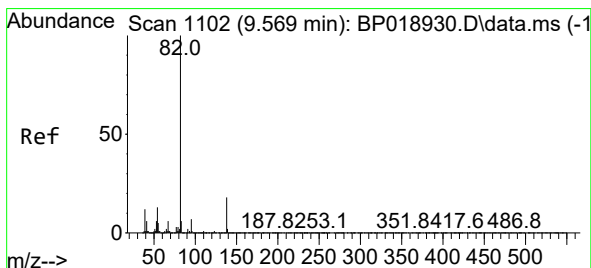
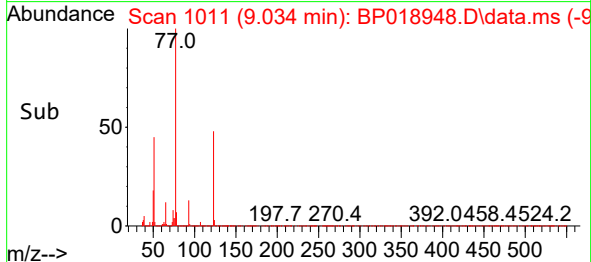
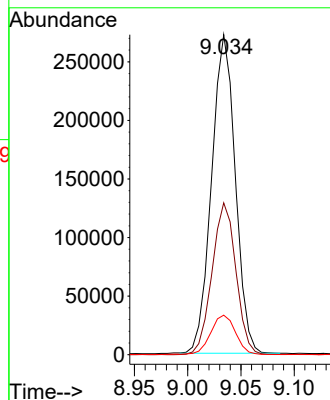
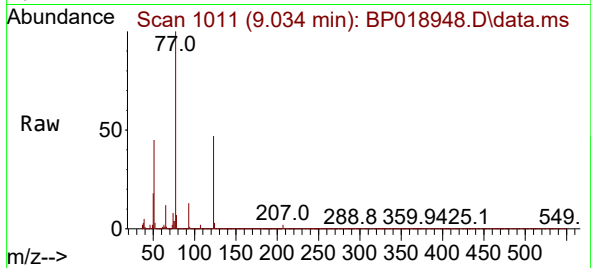




#22
Nitrobenzene
Concen: 28.163 ng/ul
RT: 9.034 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

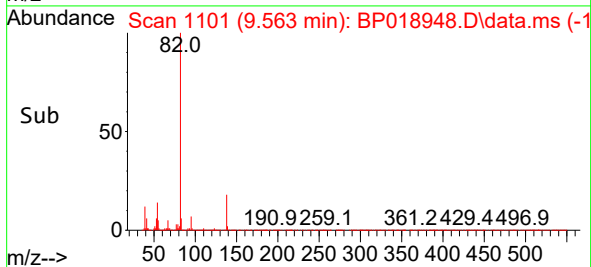
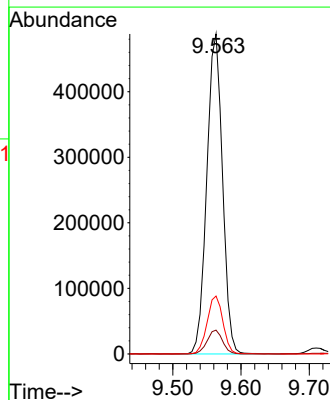
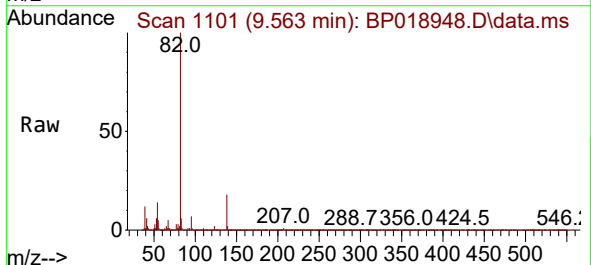
Instrument :
BNA_P
ClientSampleId :
SLCS879

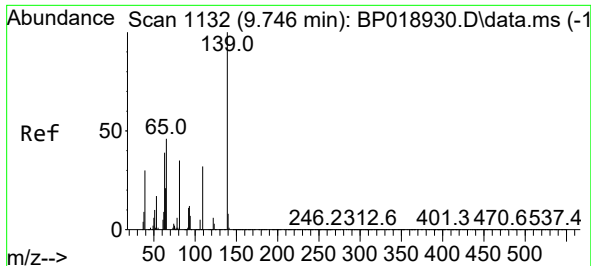
Tgt Ion: 77 Resp: 420409
Ion Ratio Lower Upper
77 100
123 47.5 35.8 53.8
65 12.4 10.5 15.7



#23
Isophorone
Concen: 25.688 ng/ul
RT: 9.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion: 82 Resp: 781846
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.1 13.5 20.3

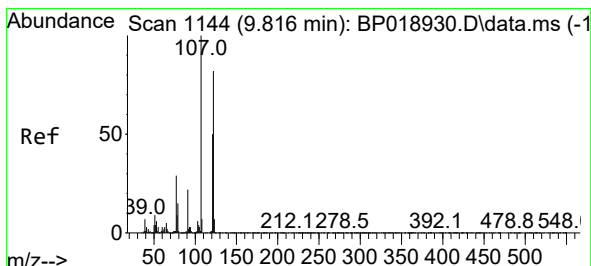
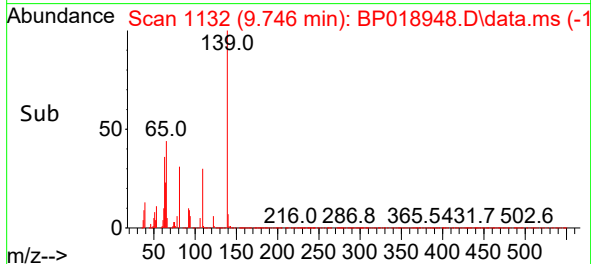
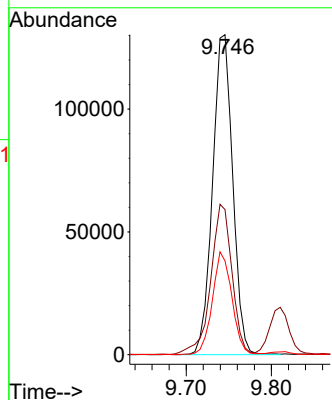
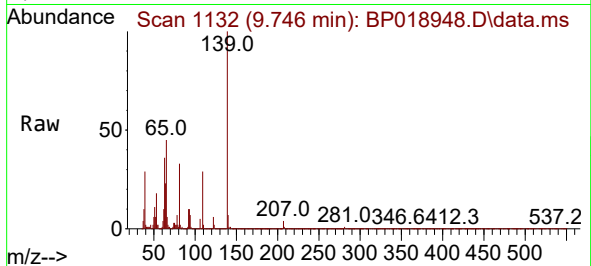




#25
2-Nitrophenol
Concen: 31.400 ng/ul
RT: 9.746 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

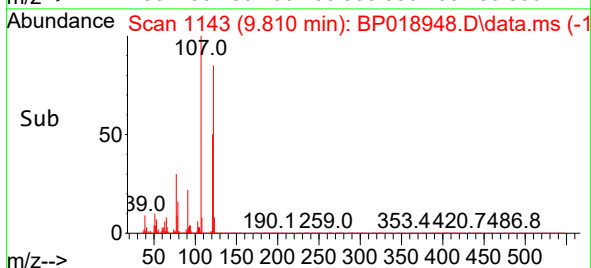
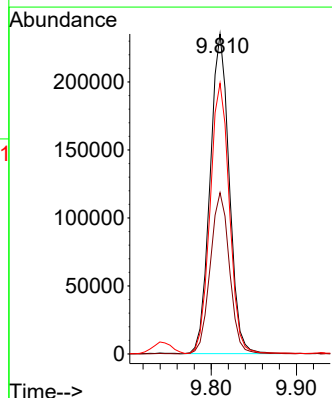
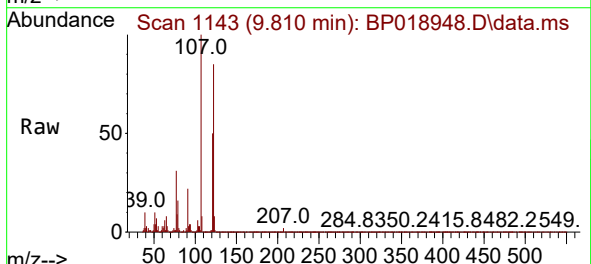
Instrument :
BNA_P
ClientSampleId :
SLCS879

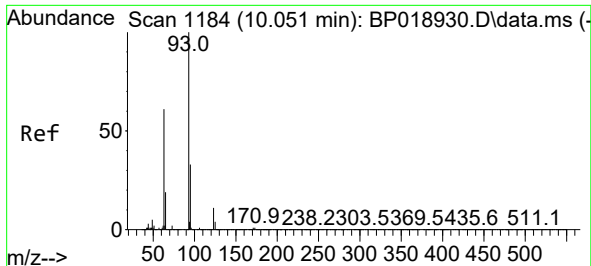
Tgt Ion:139 Resp: 214006
Ion Ratio Lower Upper
139 100
65 45.4 39.1 58.7
109 29.3 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 27.567 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:107 Resp: 367447
Ion Ratio Lower Upper
107 100
121 50.4 40.0 60.0
122 84.6 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 25.325 ng/ul

RT: 10.046 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

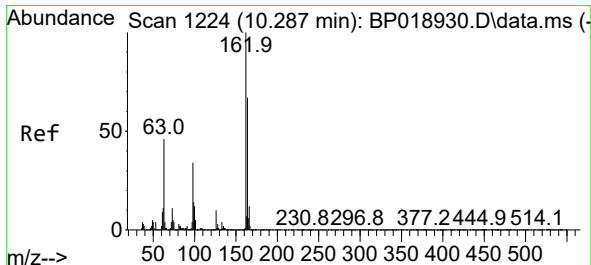
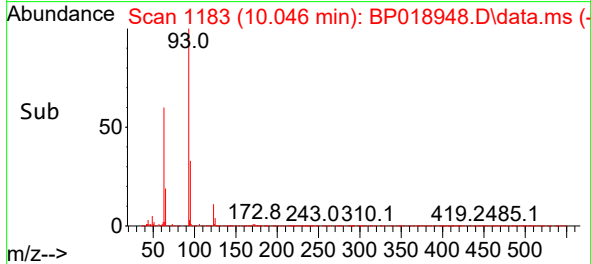
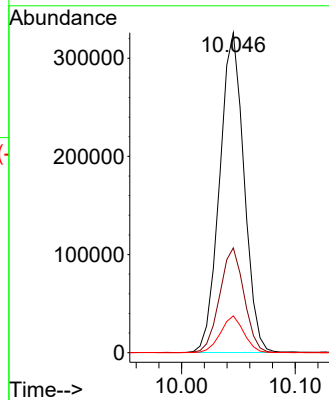
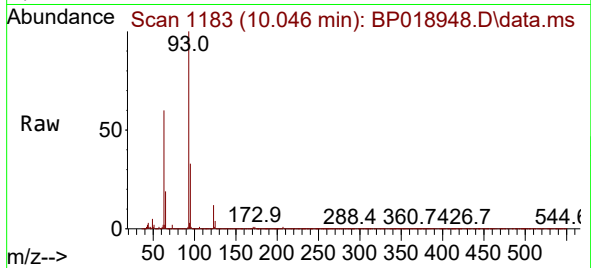
Tgt Ion: 93 Resp: 486609

Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.5 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 30.429 ng/ul

RT: 10.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

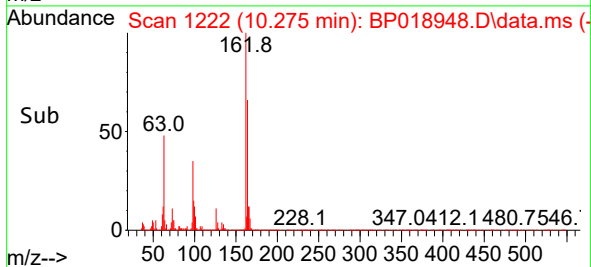
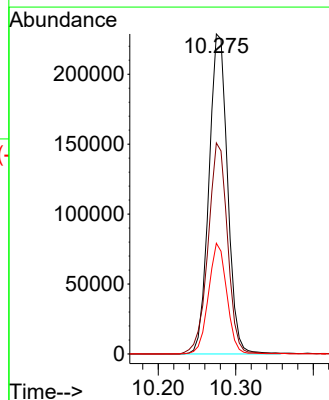
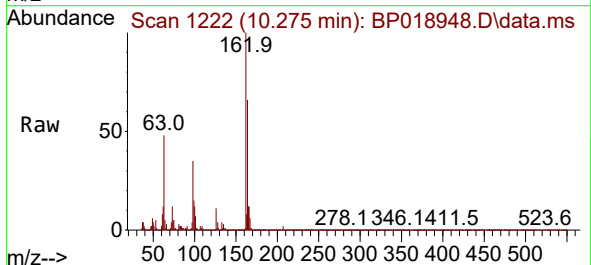
Tgt Ion:162 Resp: 381492

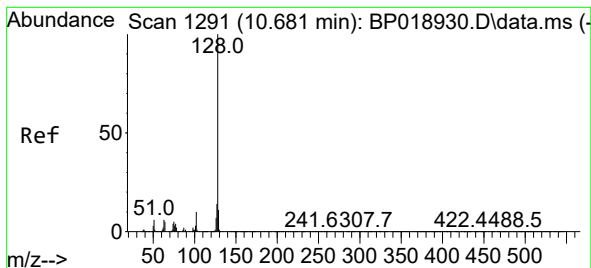
Ion Ratio Lower Upper

162 100

164 66.0 51.7 77.5

98 34.6 29.2 43.8

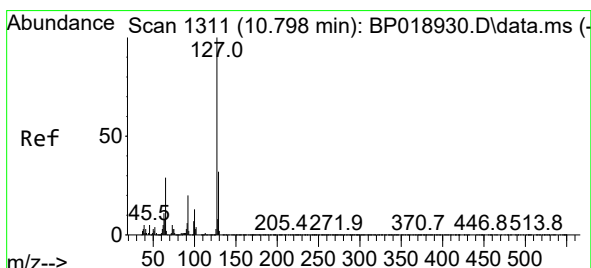
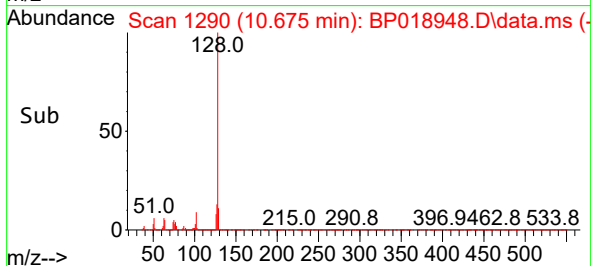
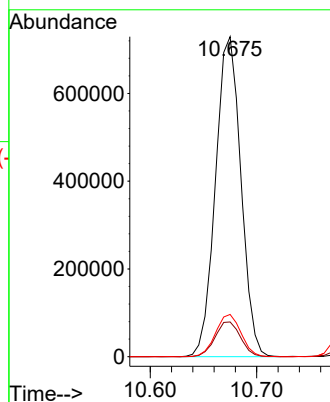
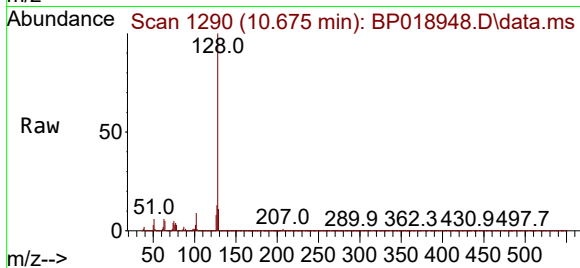




#30
Naphthalene
Concen: 28.833 ng/ul
RT: 10.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

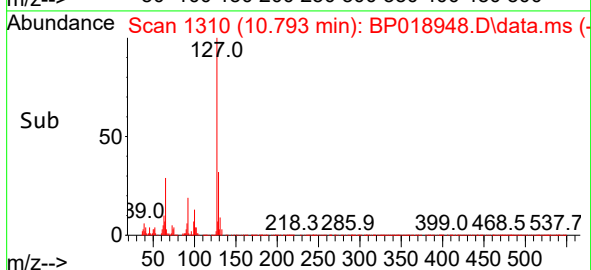
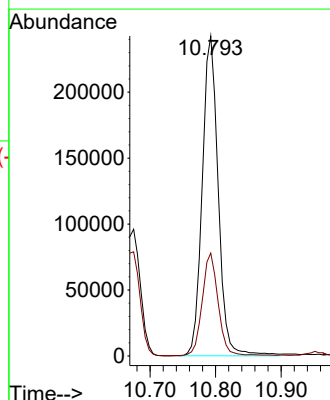
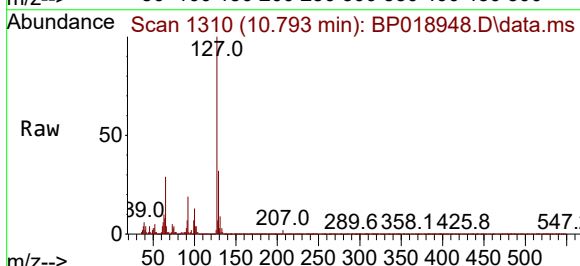
Instrument :
BNA_P
ClientSampleId :
SLCS879

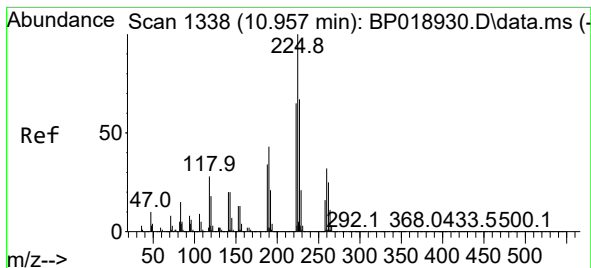
Tgt Ion:128 Resp: 1206579
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 25.344 ng/ul
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:127 Resp: 410893
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4





#33

Hexachlorobutadiene

Concen: 34.118 ng/ul

RT: 10.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

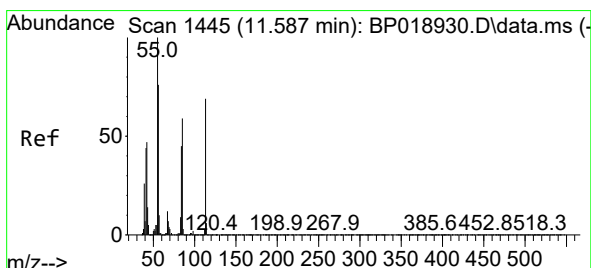
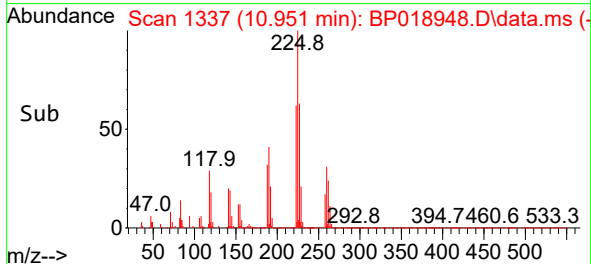
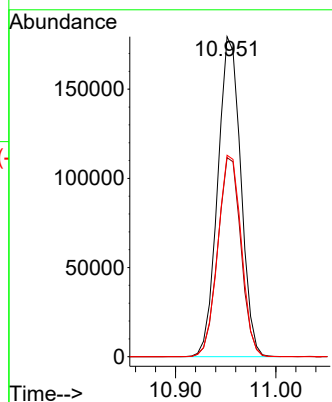
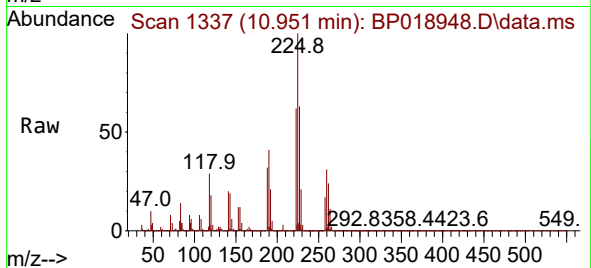
Tgt Ion:225 Resp: 286471

Ion Ratio Lower Upper

225 100

223 62.2 49.5 74.3

227 62.9 50.9 76.3



#34

Caprolactam

Concen: 31.048 ng/ul

RT: 11.575 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

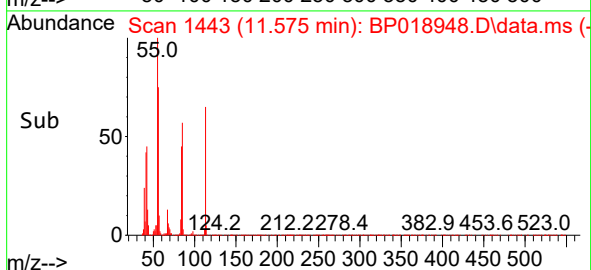
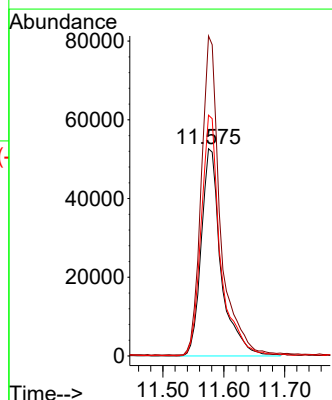
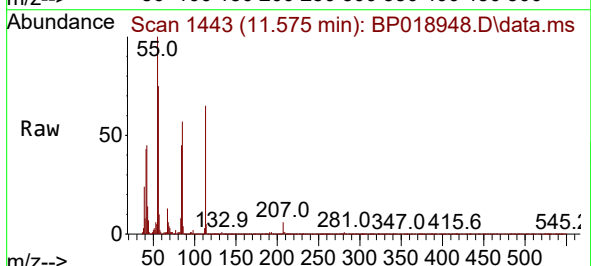
Tgt Ion:113 Resp: 119358

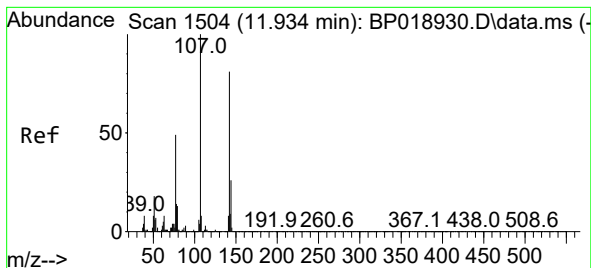
Ion Ratio Lower Upper

113 100

55 154.4 133.7 200.5

56 116.2 97.4 146.2

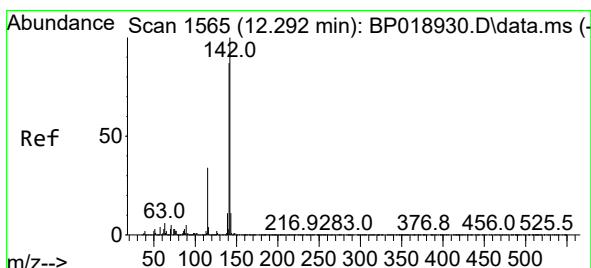
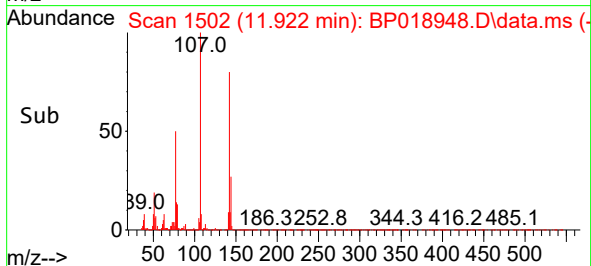
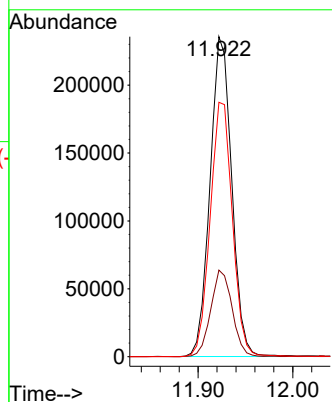
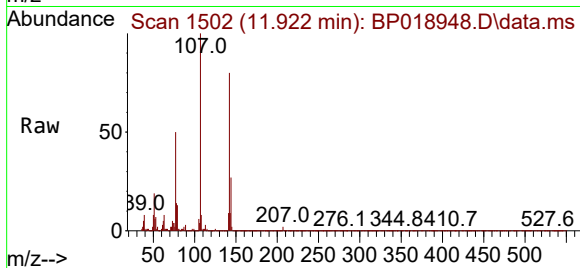




#35
4-Chloro-3-methylphenol
Concen: 26.686 ng/ul
RT: 11.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

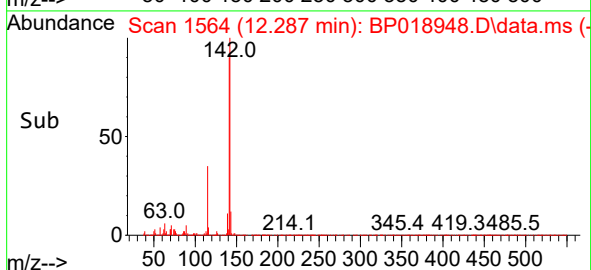
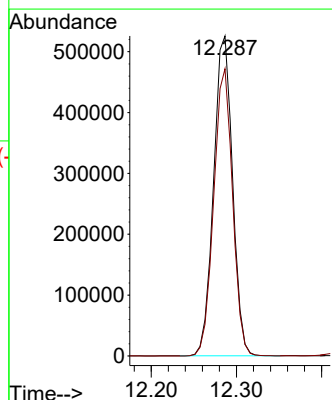
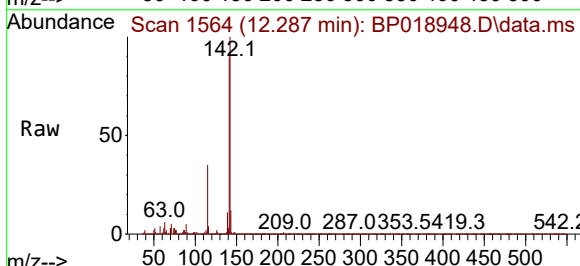
Instrument :
BNA_P
ClientSampleId :
SLCS879

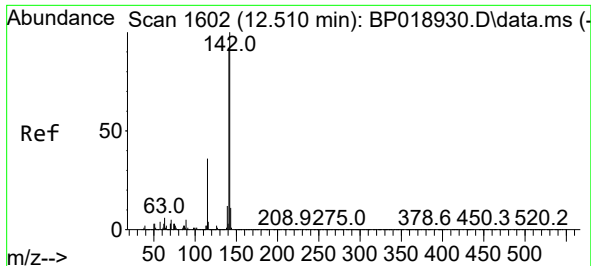
Tgt Ion:107 Resp: 374801
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 79.5 63.6 95.4



#36
2-Methylnaphthalene
Concen: 27.356 ng/ul
RT: 12.287 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:142 Resp: 811003
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0

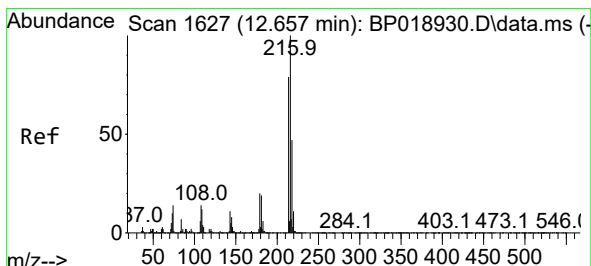
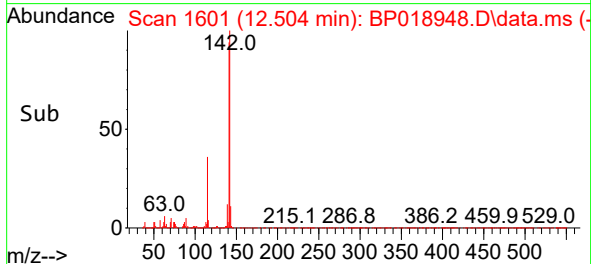
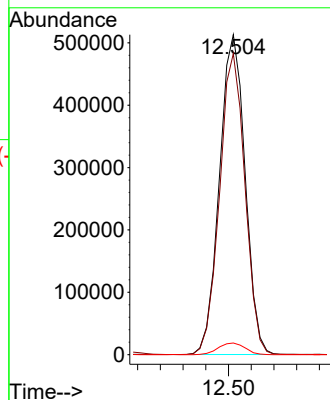
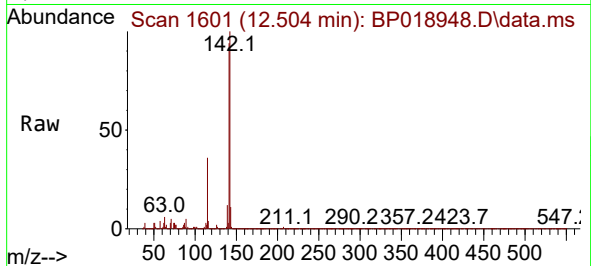




#37
1-Methylnaphthalene
Concen: 26.834 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

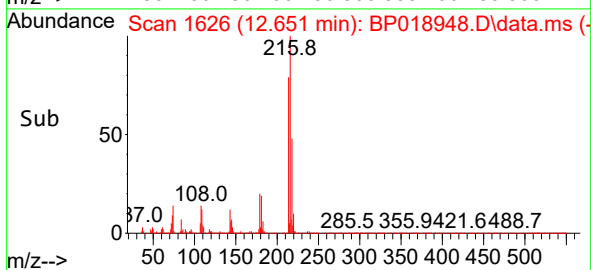
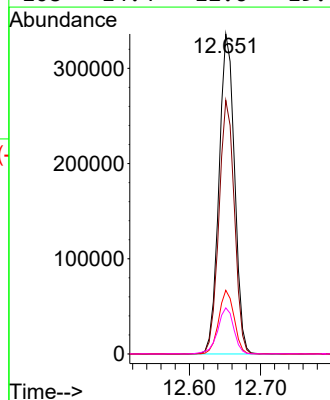
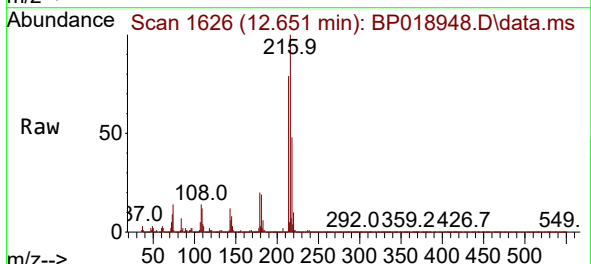
Instrument :
BNA_P
ClientSampleId :
SLCS879

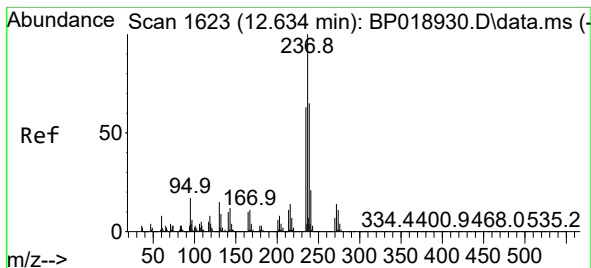
Tgt Ion:142 Resp: 803384
Ion Ratio Lower Upper
142 100
141 94.1 73.5 110.3
116 3.6 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.575 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:216 Resp: 509904
Ion Ratio Lower Upper
216 100
214 79.2 63.9 95.9
179 19.9 16.3 24.5
108 14.4 12.6 19.0

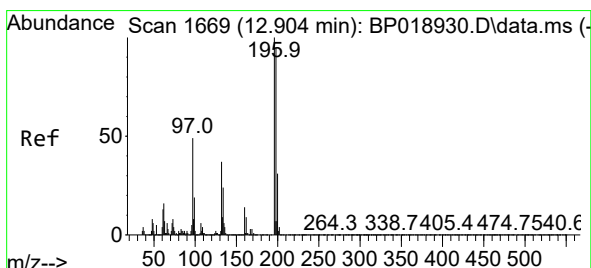
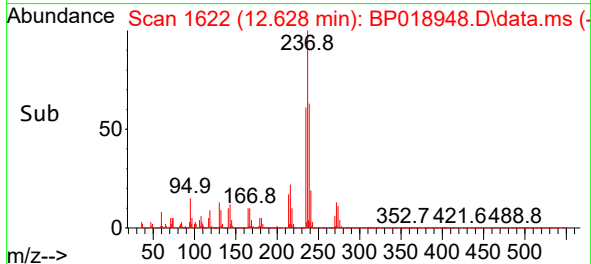
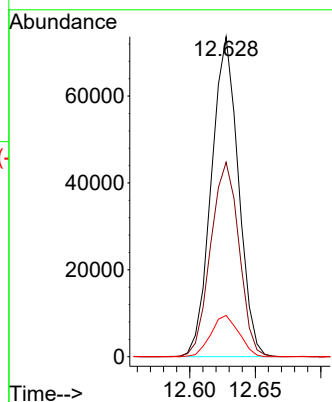
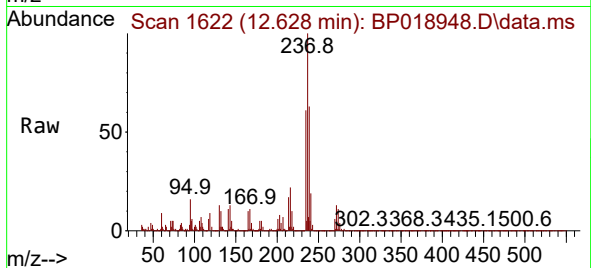




#40
Hexachlorocyclopentadiene
Concen: 11.735 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

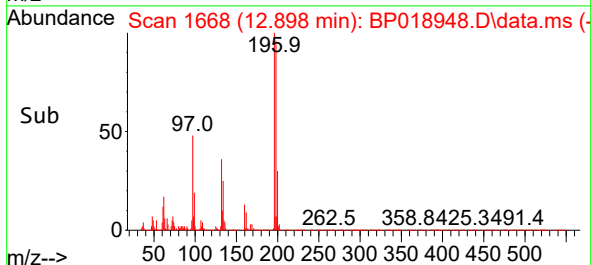
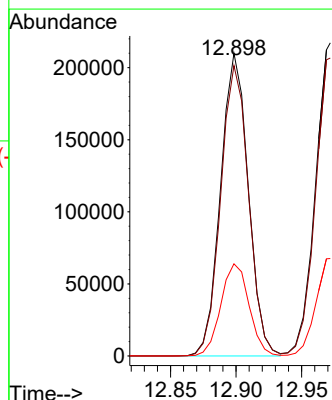
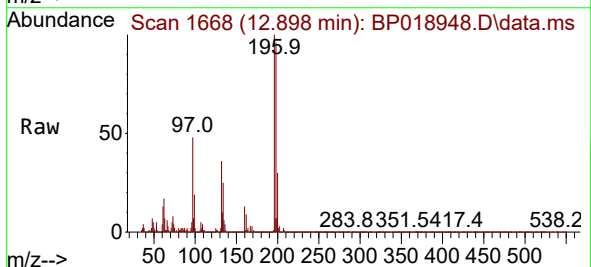
Instrument :
BNA_P
ClientSampleId :
SLCS879

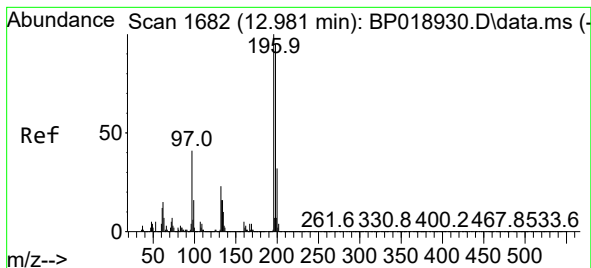
Tgt Ion:237 Resp: 105635
Ion Ratio Lower Upper
237 100
235 60.7 49.4 74.0
272 13.5 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 31.561 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:196 Resp: 308341
Ion Ratio Lower Upper
196 100
198 95.9 76.9 115.3
200 30.4 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 31.826 ng/ul

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

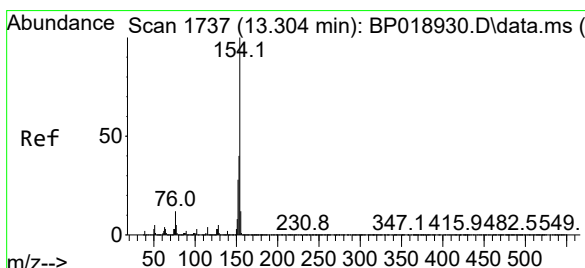
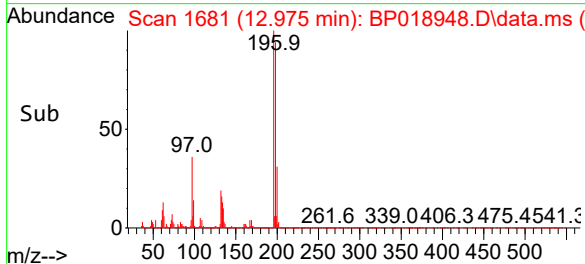
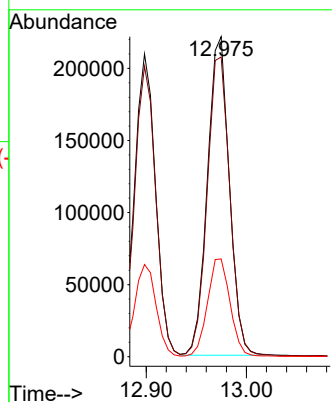
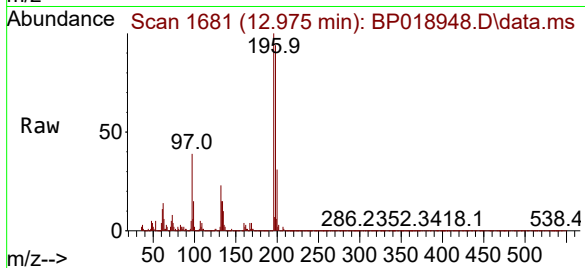
Tgt Ion:196 Resp: 337089

Ion Ratio Lower Upper

196 100

198 93.7 77.9 116.9

200 30.6 25.2 37.8



#43

1,1'-Biphenyl

Concen: 29.855 ng/ul

RT: 13.298 min Scan# 1736

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

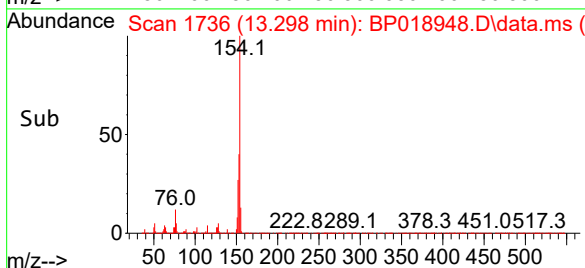
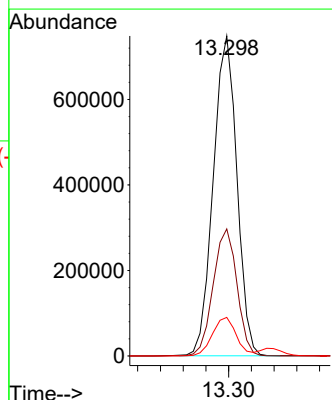
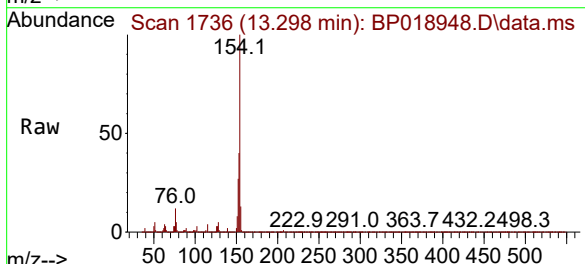
Tgt Ion:154 Resp: 1080830

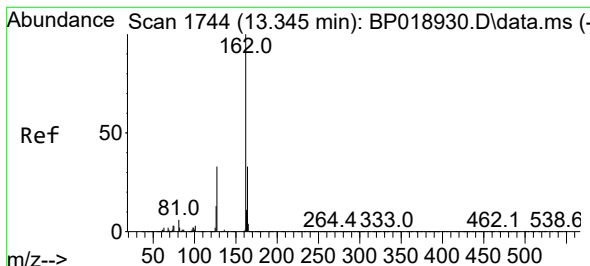
Ion Ratio Lower Upper

154 100

153 39.7 32.8 49.2

76 12.0 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.122 ng/ul

RT: 13.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

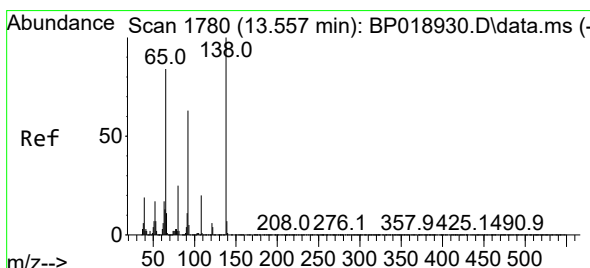
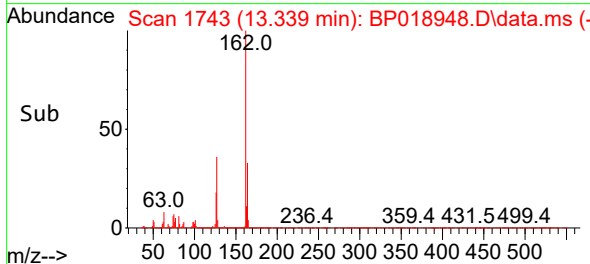
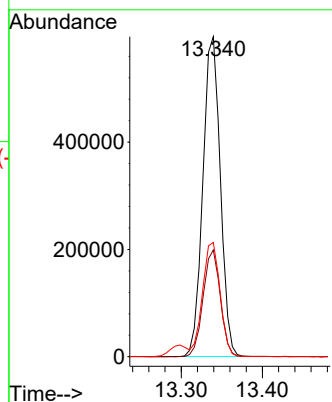
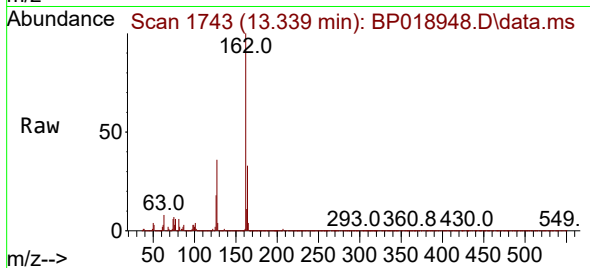
Tgt Ion:162 Resp: 889863

Ion Ratio Lower Upper

162 100

164 33.3 25.7 38.5

127 35.7 30.3 45.5



#45

2-Nitroaniline

Concen: 29.404 ng/ul

RT: 13.551 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

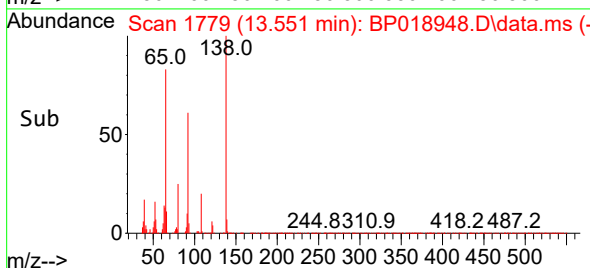
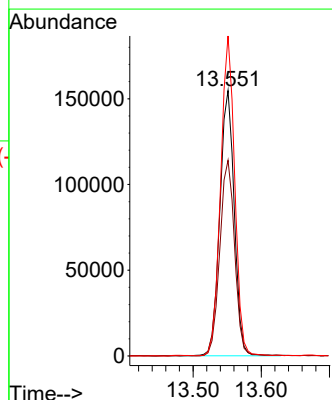
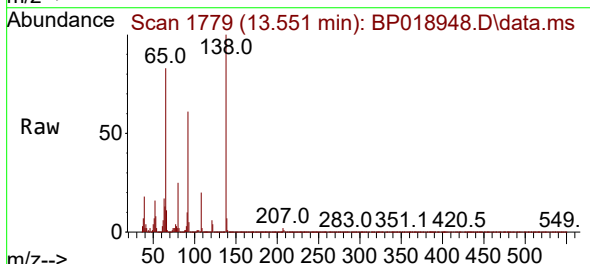
Tgt Ion: 65 Resp: 227919

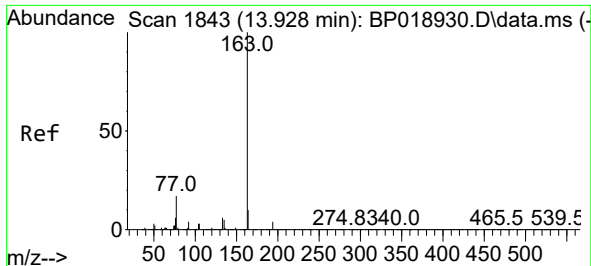
Ion Ratio Lower Upper

65 100

92 73.7 56.9 85.3

138 120.5 88.2 132.2

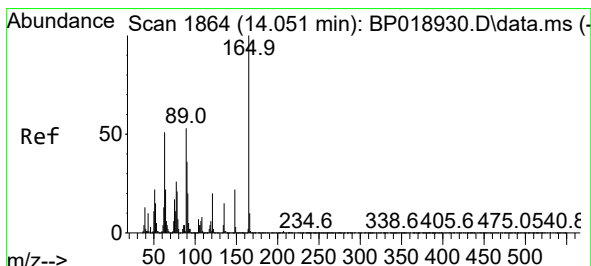
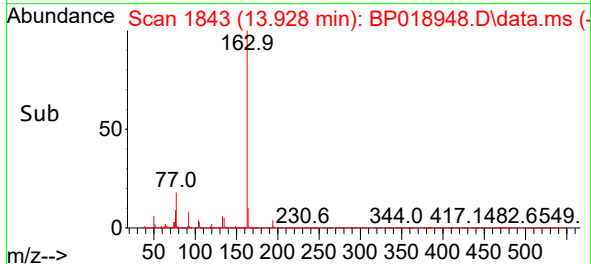
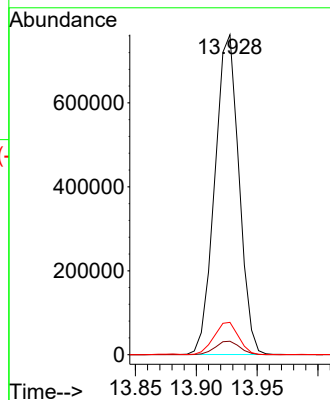
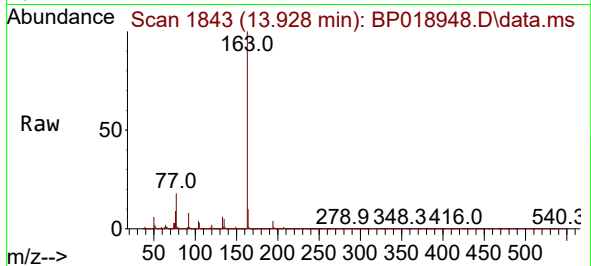




#47
Dimethylphthalate
Concen: 28.622 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

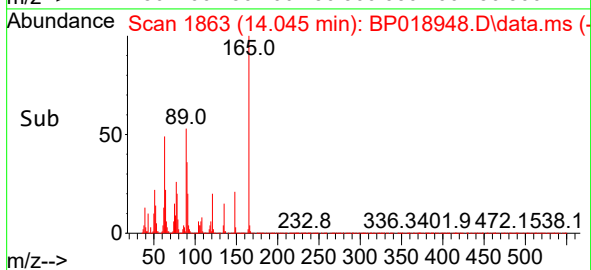
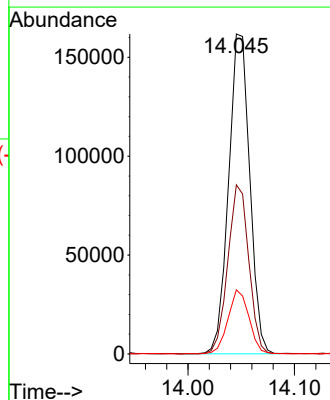
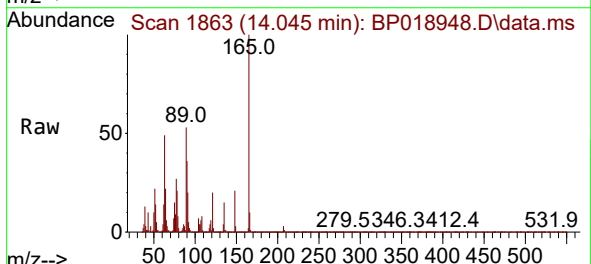
Instrument :
BNA_P
ClientSampleId :
SLCS879

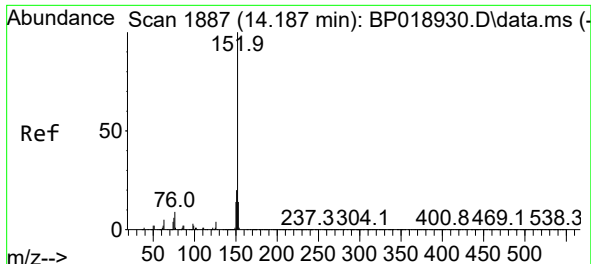
Tgt Ion:163 Resp: 1052582
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 32.192 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:165 Resp: 223666
Ion Ratio Lower Upper
165 100
89 52.9 46.6 70.0
121 20.1 17.3 25.9

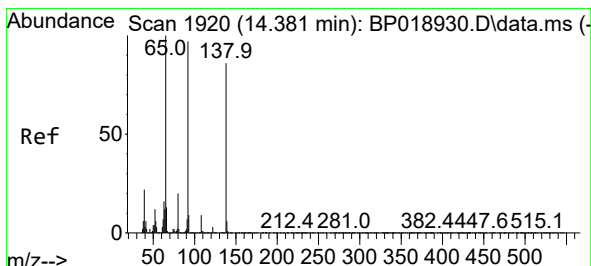
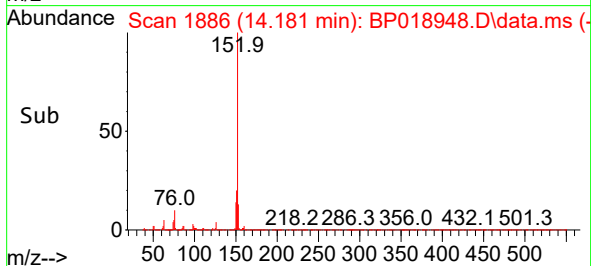
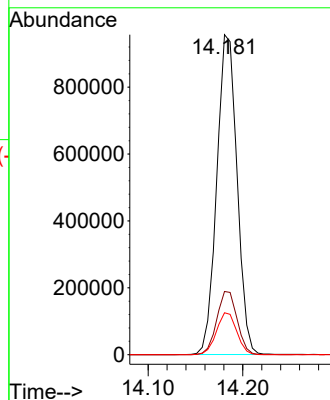
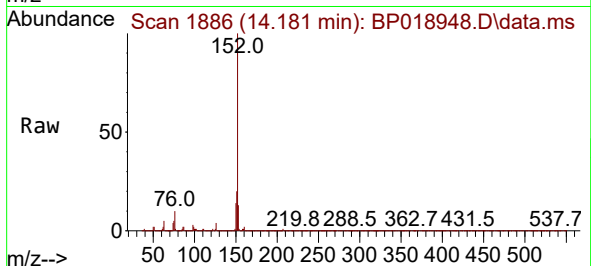




#50
Acenaphthylene
Concen: 30.793 ng/ul
RT: 14.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

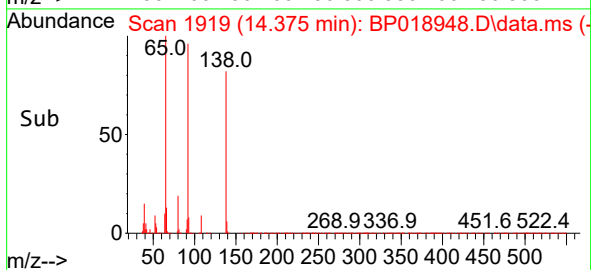
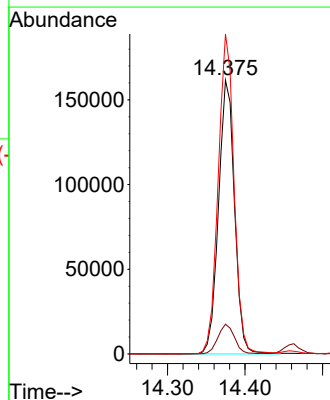
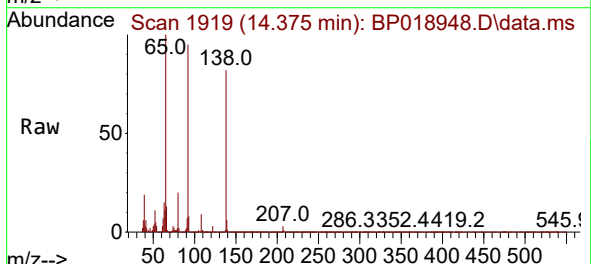
Instrument :
BNA_P
ClientSampleId :
SLCS879

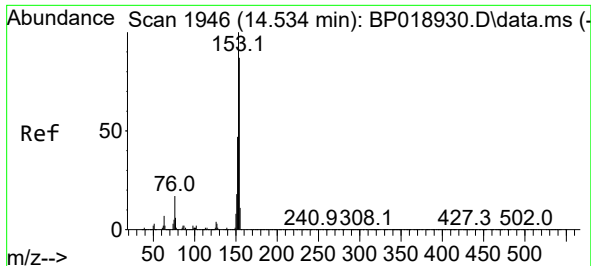
Tgt Ion:152 Resp: 1424247
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 33.455 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:138 Resp: 232035
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 116.9 93.1 139.7

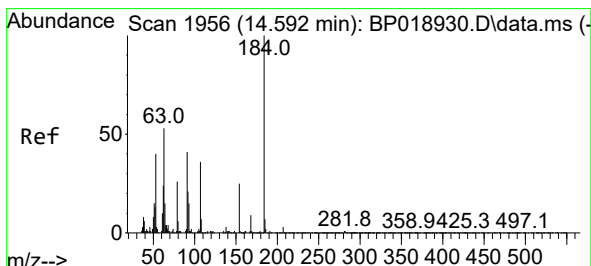
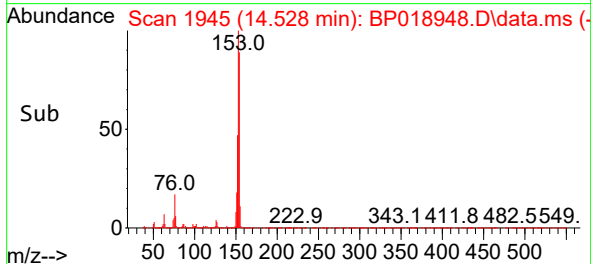
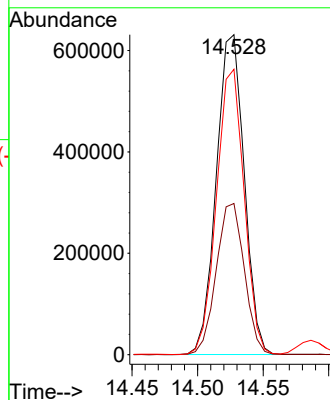
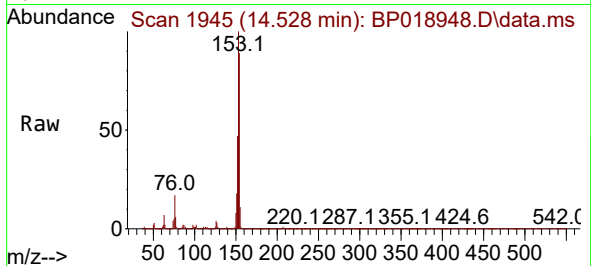




#52
Acenaphthene
Concen: 30.585 ng/ul
RT: 14.528 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

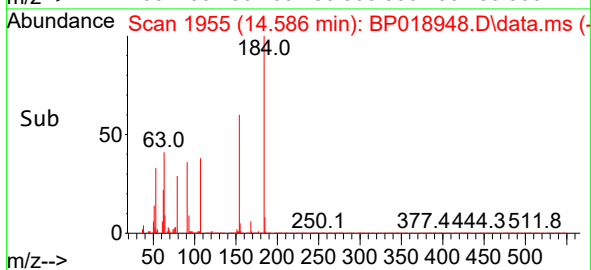
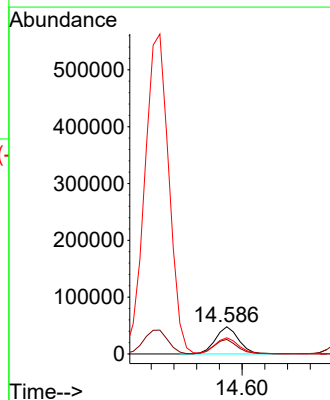
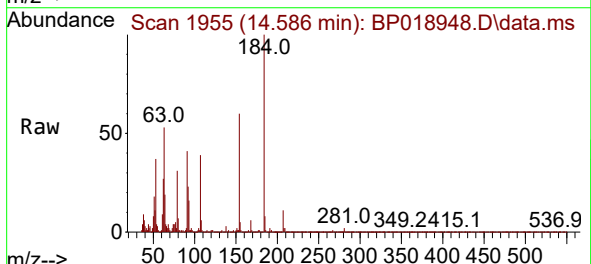
Instrument :
BNA_P
ClientSampleId :
SLCS879

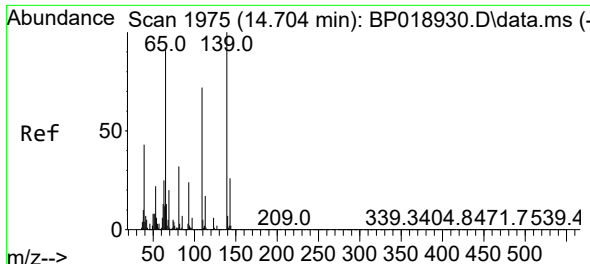
Tgt Ion:153 Resp: 935328
Ion Ratio Lower Upper
153 100
152 47.2 38.1 57.1
154 89.2 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 18.399 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:184 Resp: 67752
Ion Ratio Lower Upper
184 100
63 53.5 48.2 72.4
154 59.6 49.1 73.7

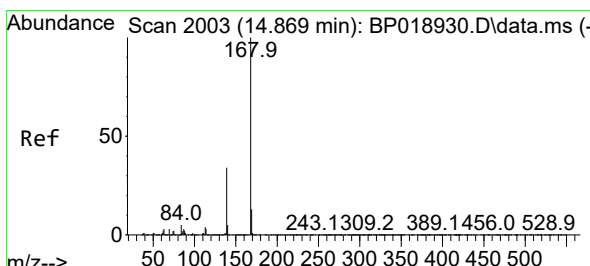
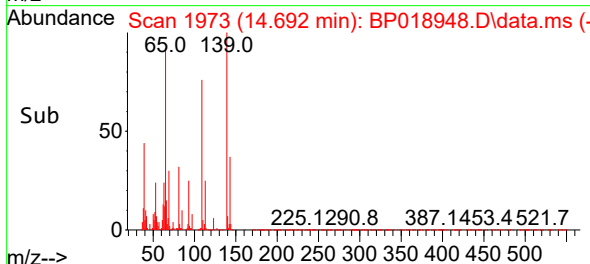
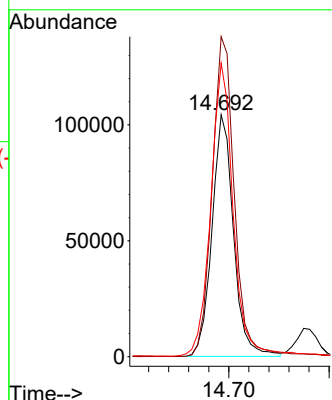
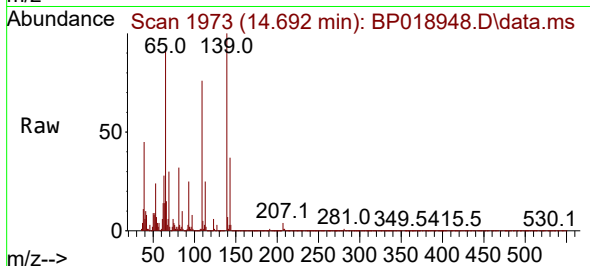




#55
4-Nitrophenol
Concen: 33.513 ng/ul
RT: 14.692 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

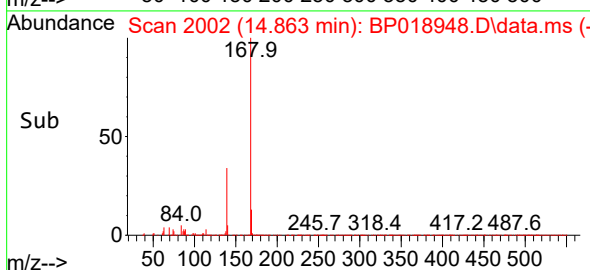
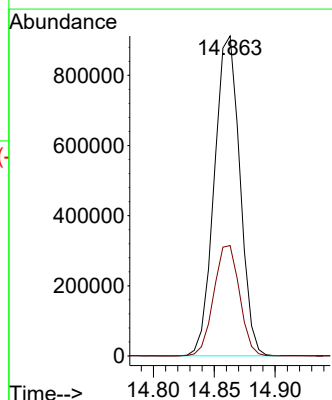
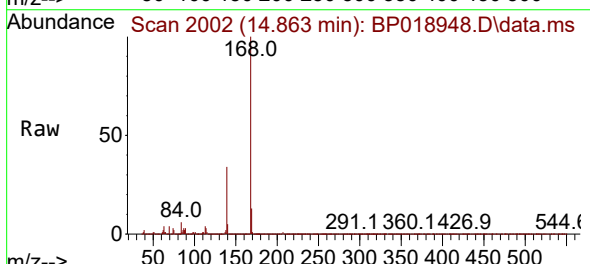
Instrument :
BNA_P
ClientSampleId :
SLCS879

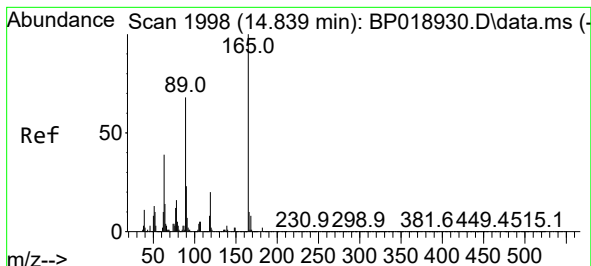
Tgt Ion:109 Resp: 155268
Ion Ratio Lower Upper
109 100
139 132.3 109.0 163.4
65 121.4 106.2 159.4



#56
Dibenzofuran
Concen: 31.302 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:168 Resp: 1330432
Ion Ratio Lower Upper
168 100
139 34.5 29.1 43.7

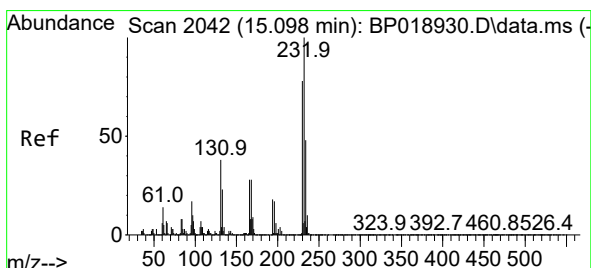
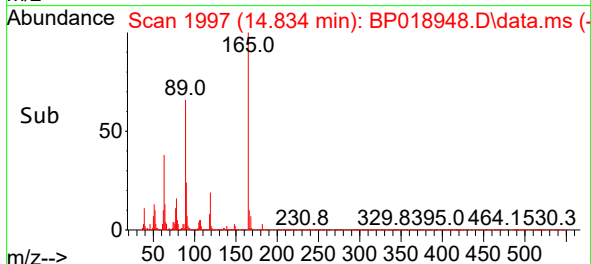
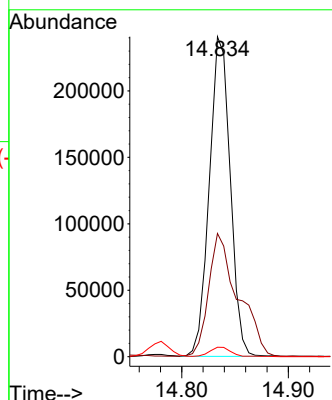
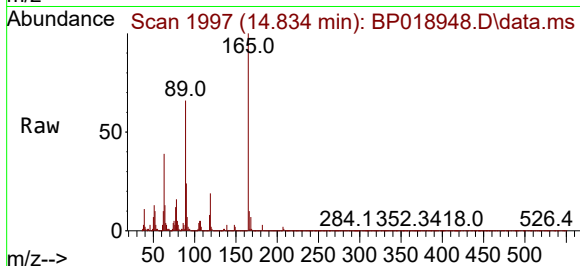




#57
2,4-Dinitrotoluene
Concen: 33.525 ng/ul
RT: 14.834 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

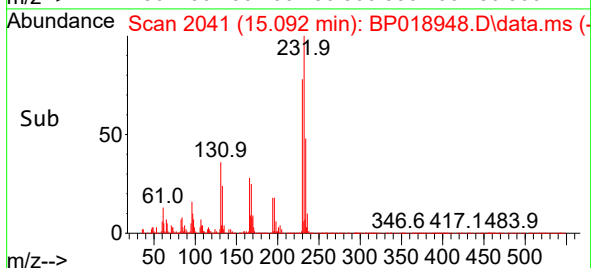
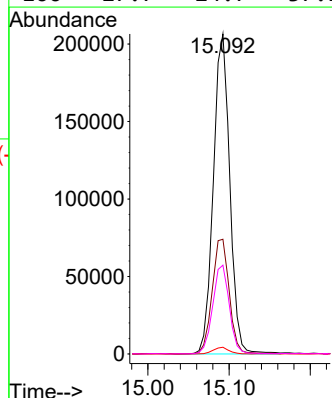
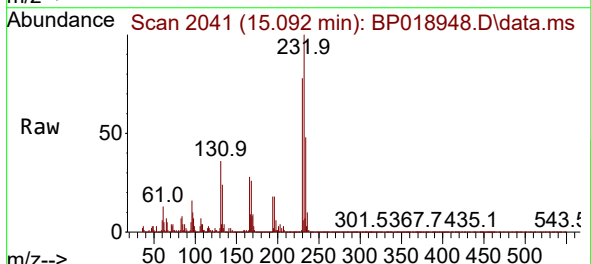
Instrument :
BNA_P
ClientSampleId :
SLCS879

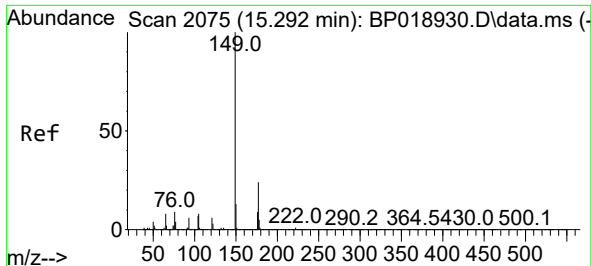
Tgt Ion:165 Resp: 327650
Ion Ratio Lower Upper
165 100
63 38.5 32.7 49.1
182 3.0 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 32.675 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:232 Resp: 290294
Ion Ratio Lower Upper
232 100
131 35.9 33.8 50.8
130 2.1 1.8 2.8
166 27.7 24.7 37.1





#59

Diethylphthalate

Concen: 28.851 ng/ul

RT: 15.286 min Scan# 2075

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

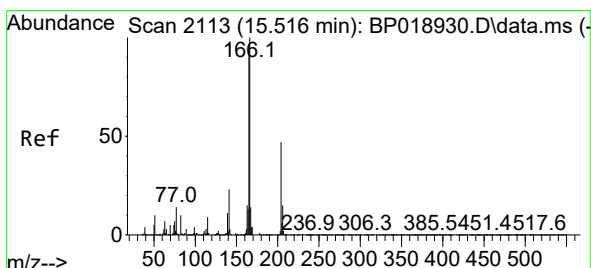
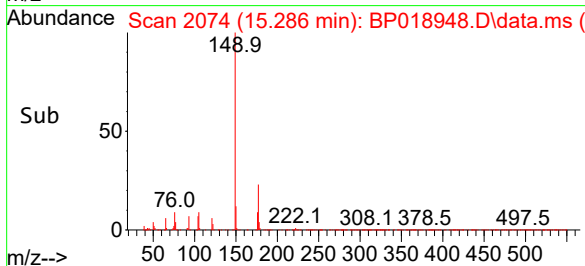
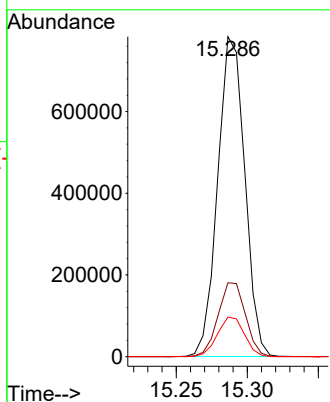
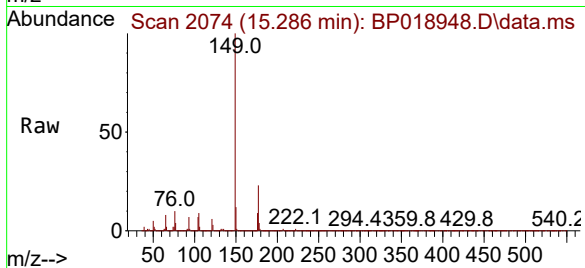
Tgt Ion:149 Resp: 1038243

Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.4

150 12.4 9.9 14.9



#61

Fluorene

Concen: 31.984 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

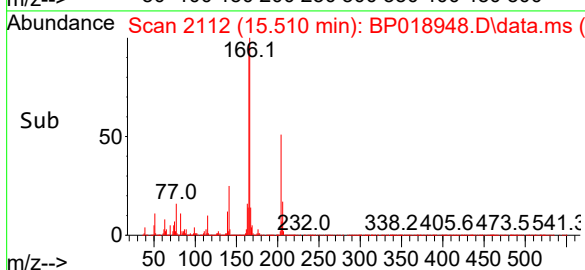
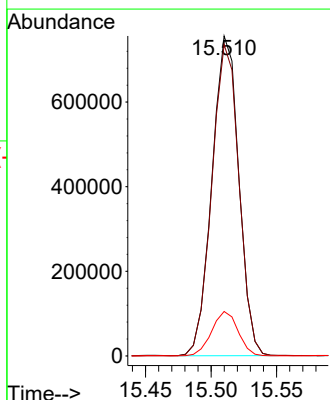
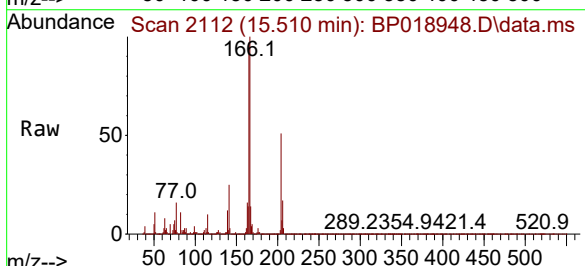
Tgt Ion:166 Resp: 1075690

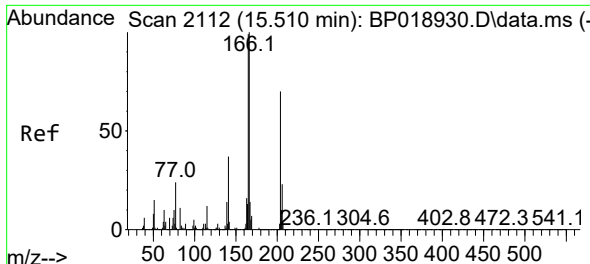
Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

167 13.9 10.8 16.2

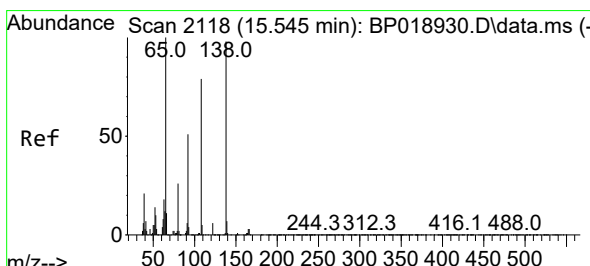
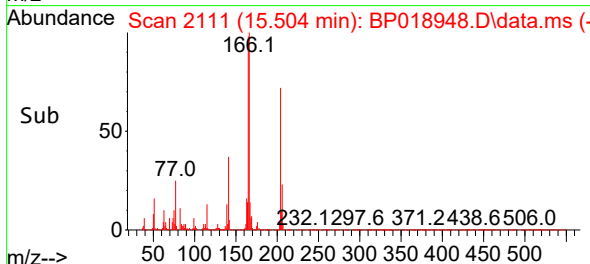
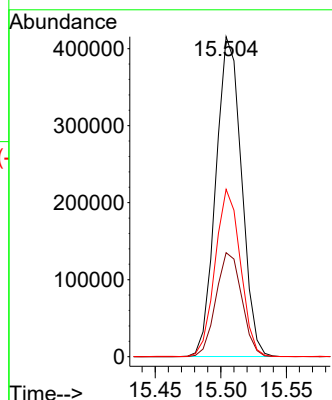
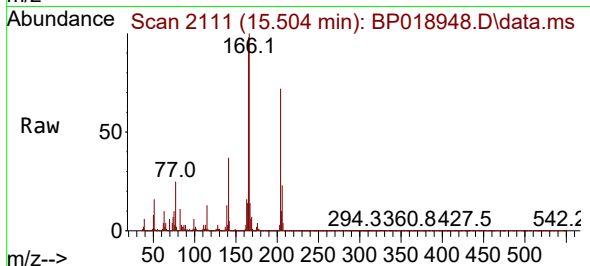




#62
4-Chlorophenyl-phenylether
Concen: 32.034 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

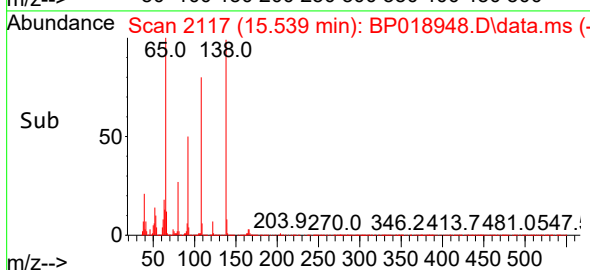
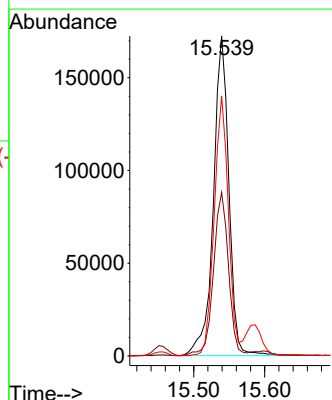
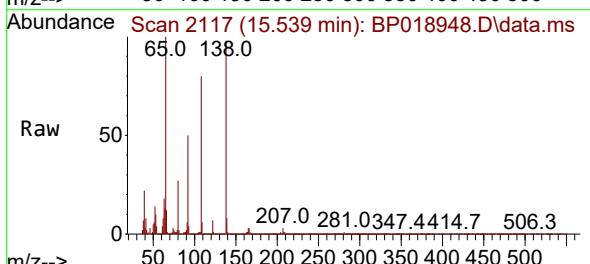
Instrument :
BNA_P
ClientSampleId :
SLCS879

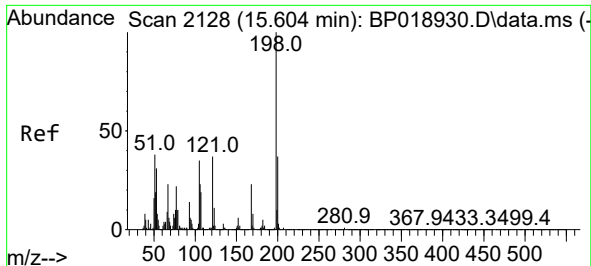
Tgt Ion:204 Resp: 565032
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 52.3 45.8 68.8



#63
4-Nitroaniline
Concen: 39.407 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:138 Resp: 260377
Ion Ratio Lower Upper
138 100
92 51.2 42.3 63.5
108 81.2 62.0 93.0

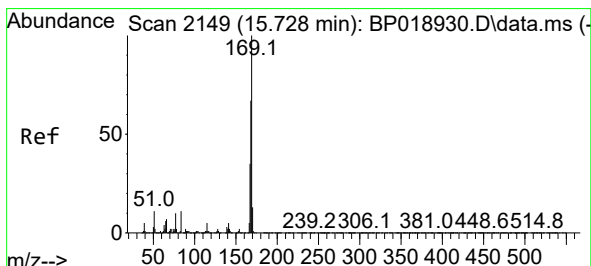
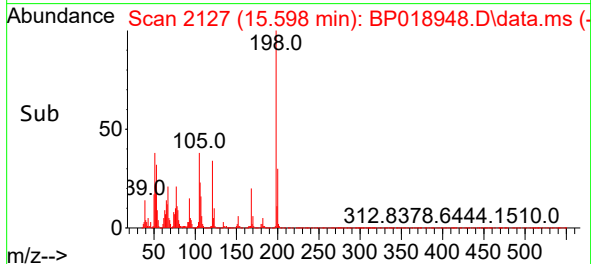
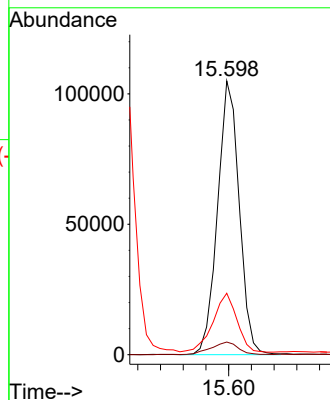
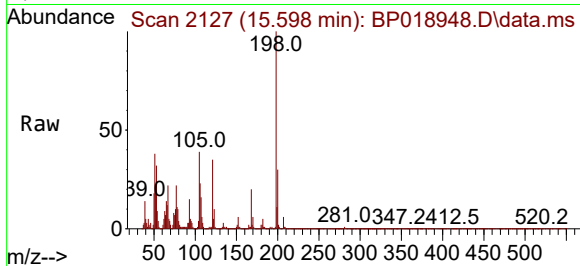




#66
4,6-Dinitro-2-methylphenol
Concen: 21.629 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

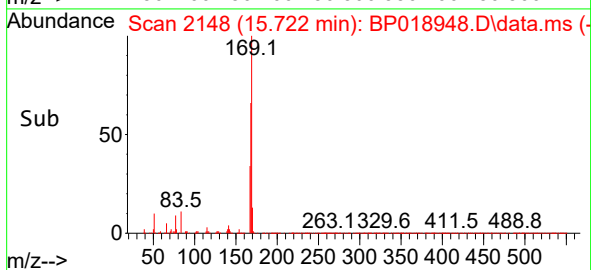
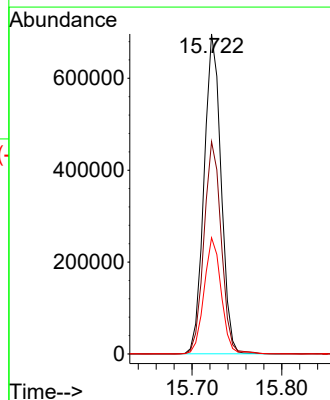
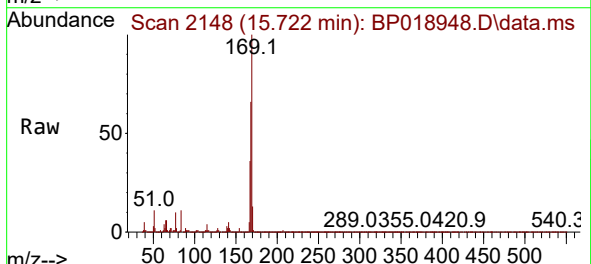
Instrument :
BNA_P
ClientSampleId :
SLCS879

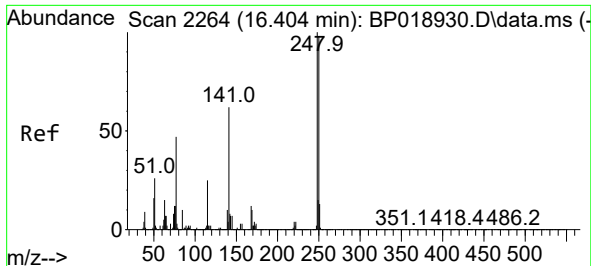
Tgt Ion:198 Resp: 139039
Ion Ratio Lower Upper
198 100
182 4.6 3.4 5.2
77 22.4 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 27.543 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:169 Resp: 915240
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 29.1 43.7

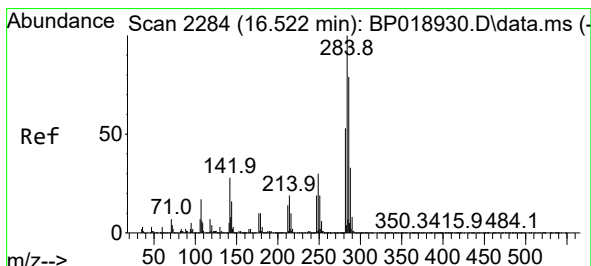
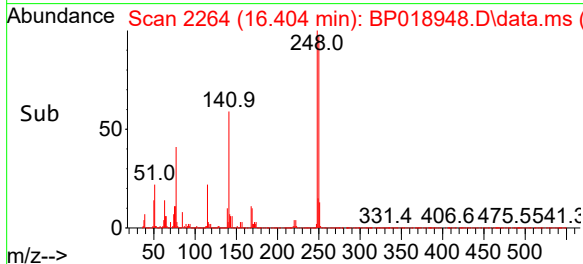
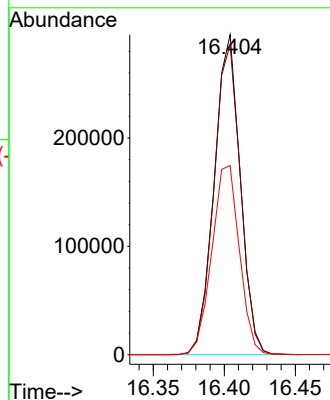
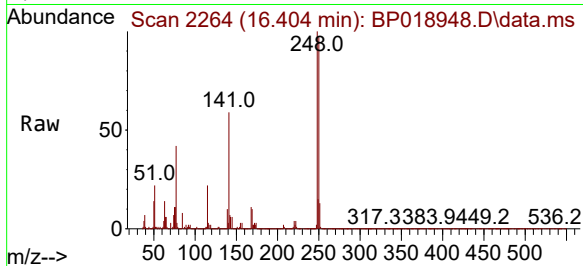




#68
4-Bromophenyl-phenylether
Concen: 29.717 ng/ul
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

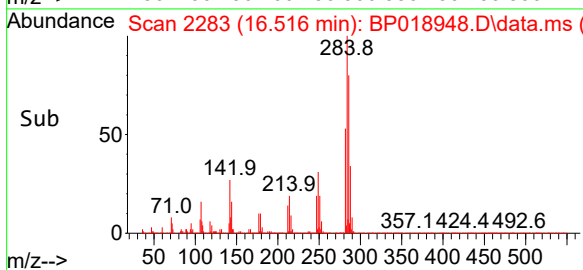
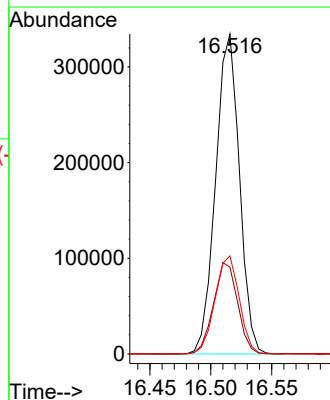
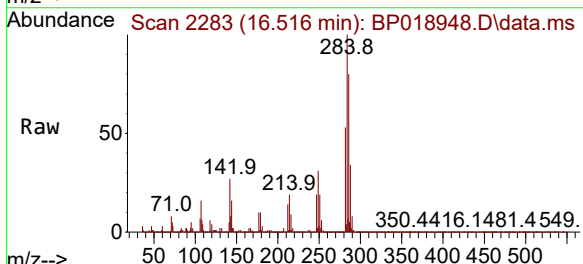
Instrument :
BNA_P
ClientSampleId :
SLCS879

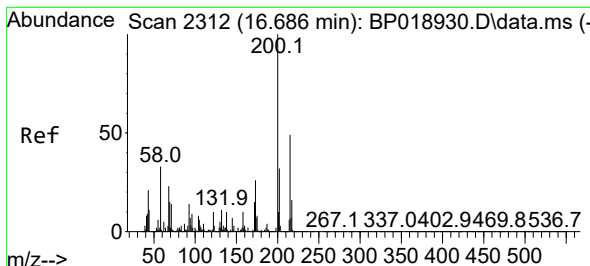
Tgt Ion:248 Resp: 376210
Ion Ratio Lower Upper
248 100
250 97.0 79.3 118.9
141 59.1 57.2 85.8



#69
Hexachlorobenzene
Concen: 32.205 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:284 Resp: 455209
Ion Ratio Lower Upper
284 100
142 27.1 25.8 38.6
249 30.7 24.9 37.3





#70

Atrazine

Concen: 19.352 ng/ul

RT: 16.680 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

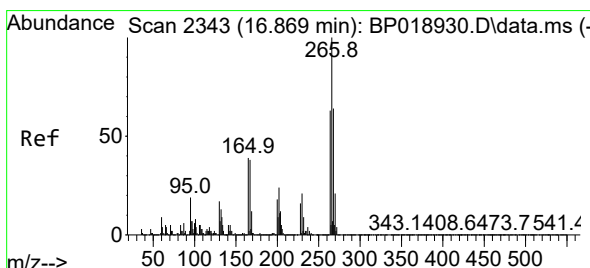
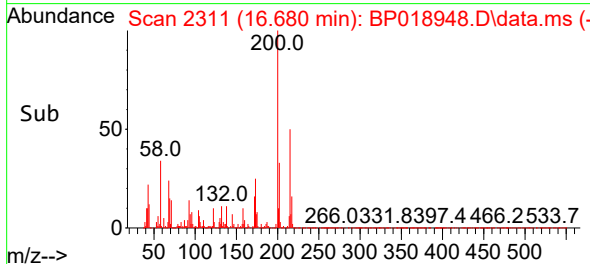
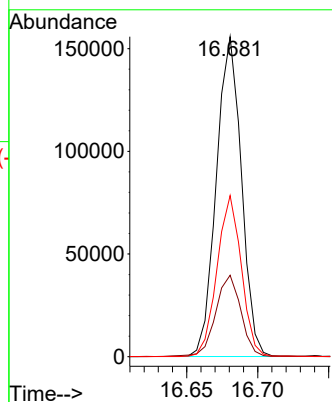
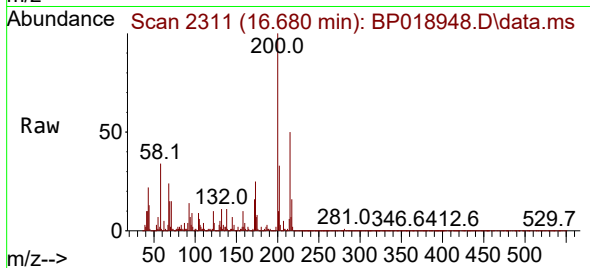
Tgt Ion:200 Resp: 191181

Ion Ratio Lower Upper

200 100

173 25.5 21.0 31.4

215 50.4 38.2 57.2



#71

Pentachlorophenol

Concen: 31.036 ng/ul

RT: 16.863 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

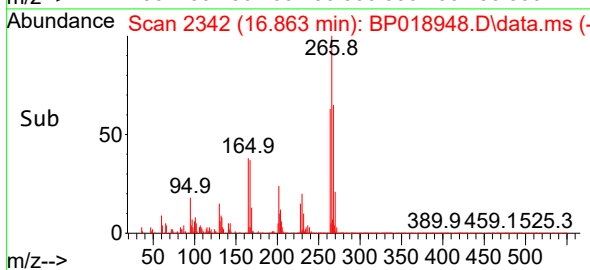
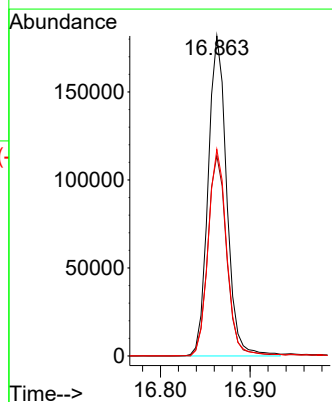
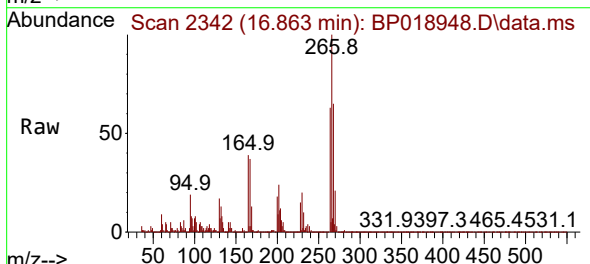
Tgt Ion:266 Resp: 260902

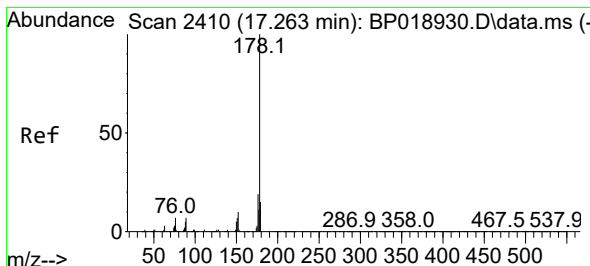
Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.2

268 64.6 50.5 75.7





#72

Phenanthrene

Concen: 30.876 ng/ul

RT: 17.257 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

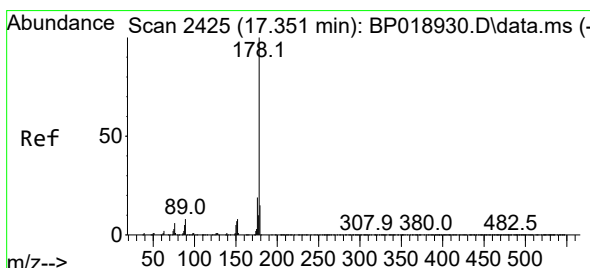
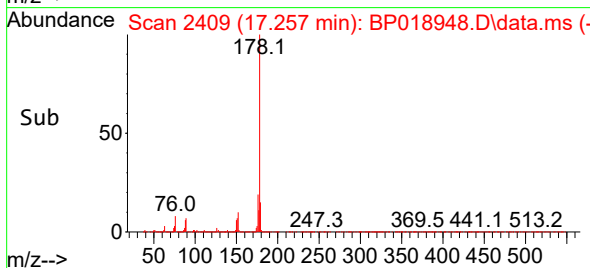
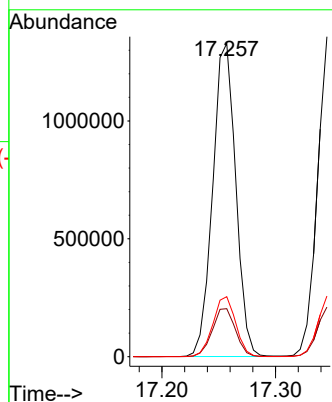
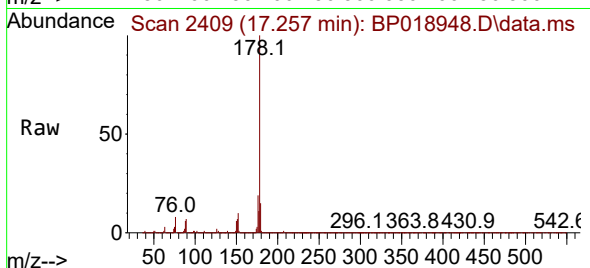
Tgt Ion:178 Resp: 1869956

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.1 15.4 23.2



#74

Anthracene

Concen: 31.152 ng/ul

RT: 17.345 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

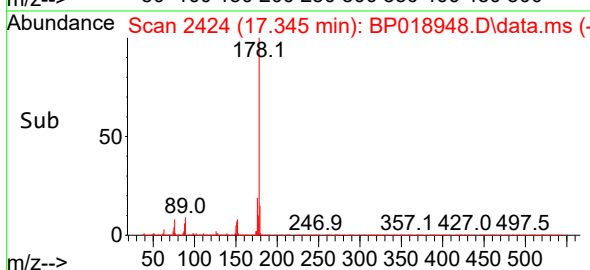
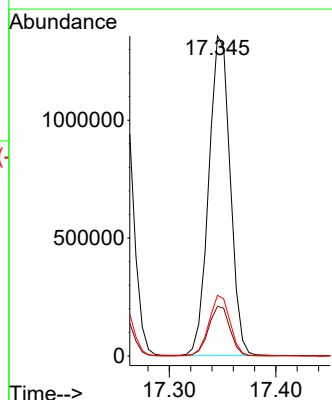
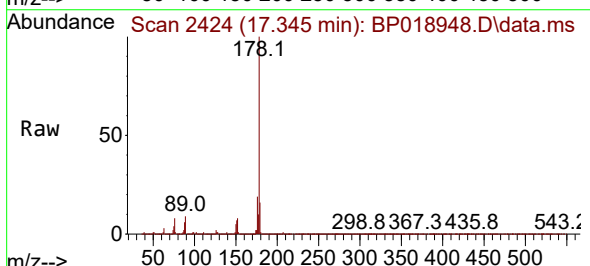
Tgt Ion:178 Resp: 1891201

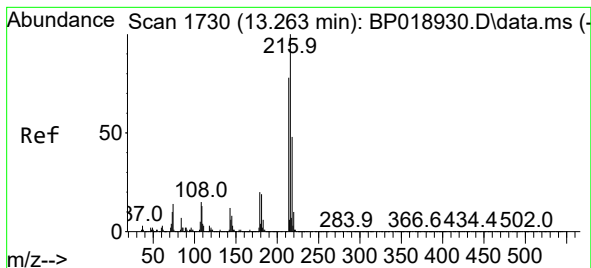
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.9 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.498 ng/uL

RT: 13.263 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

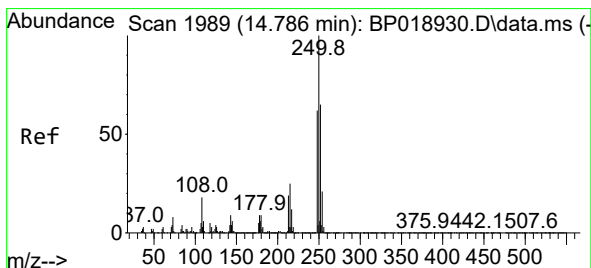
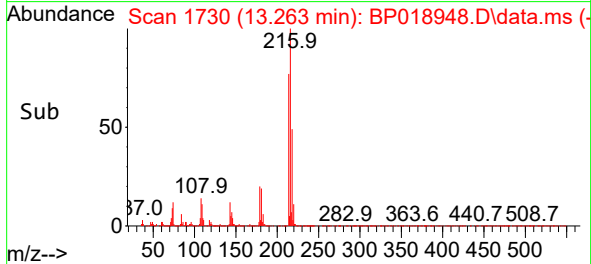
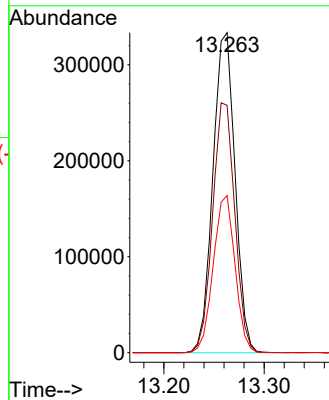
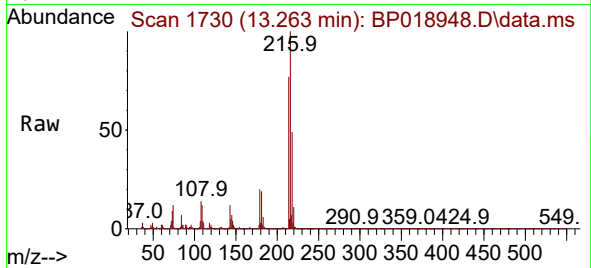
Tgt Ion:216 Resp: 511475

Ion Ratio Lower Upper

216 100

214 77.3 61.4 92.2

218 49.1 39.2 58.8



#76

Pentachlorobenzene

Concen: 30.201 ng/uL

RT: 14.781 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

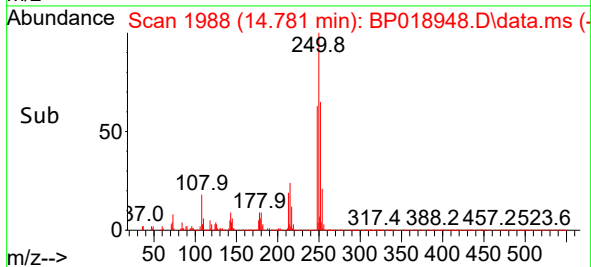
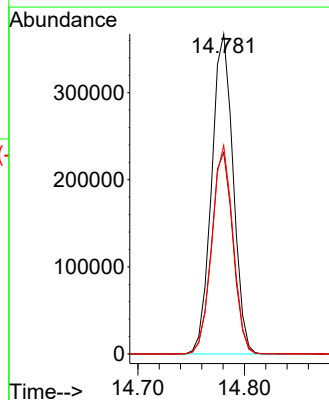
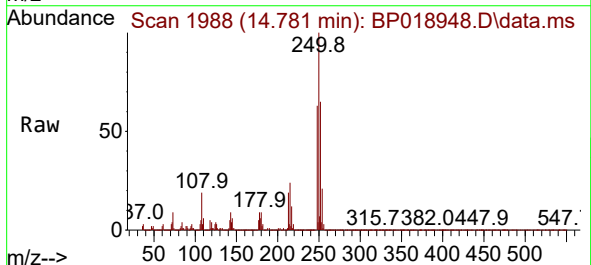
Tgt Ion:250 Resp: 514389

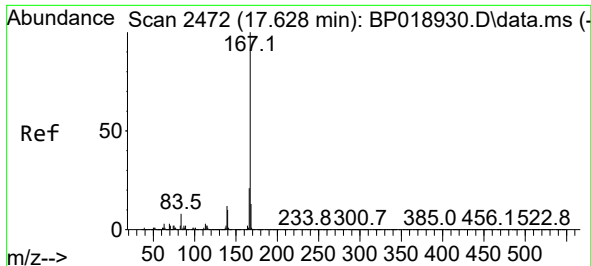
Ion Ratio Lower Upper

250 100

248 63.0 50.6 75.8

252 65.2 51.3 76.9

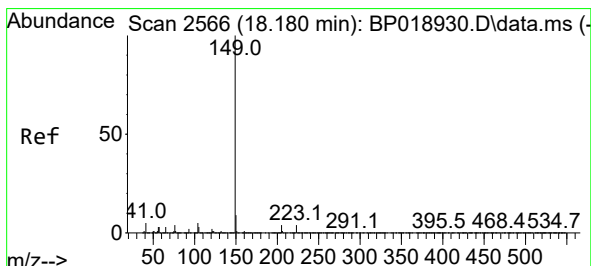
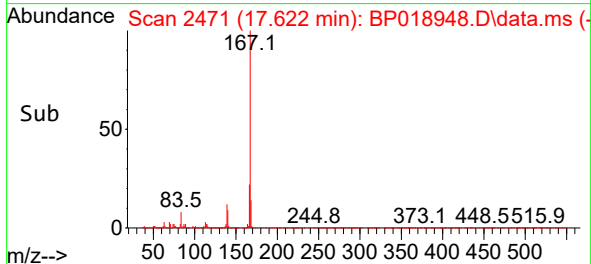
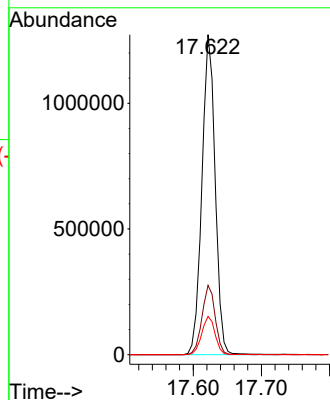
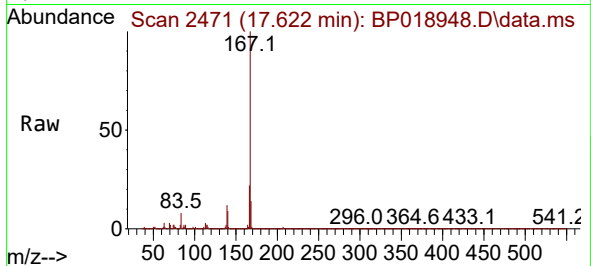




#77
Carbazole
Concen: 35.498 ng/ul
RT: 17.622 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

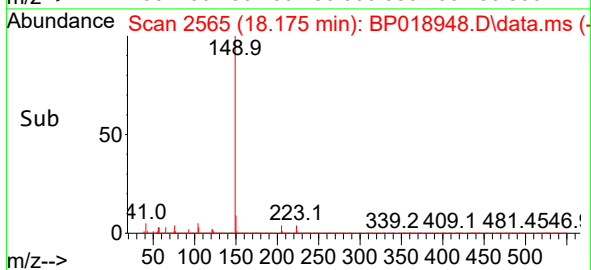
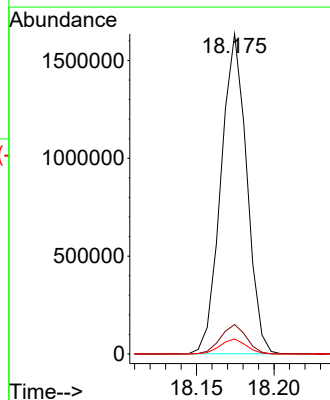
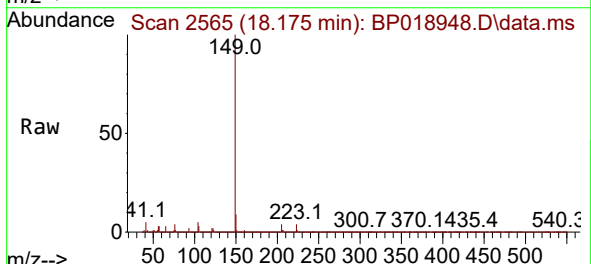
Instrument :
BNA_P
ClientSampleId :
SLCS879

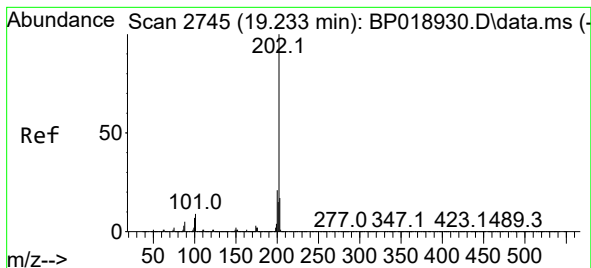
Tgt Ion:167 Resp: 1717511
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 11.9 10.2 15.4



#78
Di-n-butylphthalate
Concen: 29.372 ng/ul
RT: 18.175 min Scan# 2565
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:149 Resp: 1892312
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 25.299 ng/ul

RT: 19.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

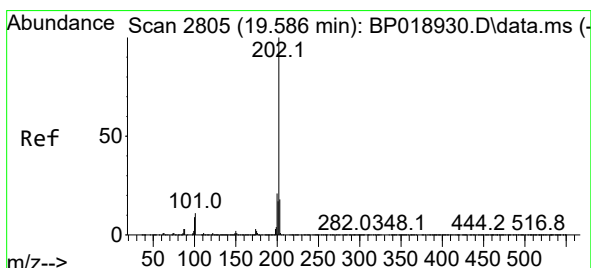
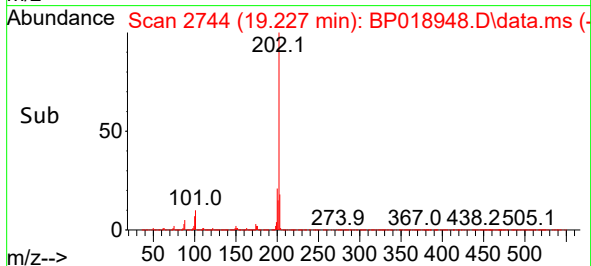
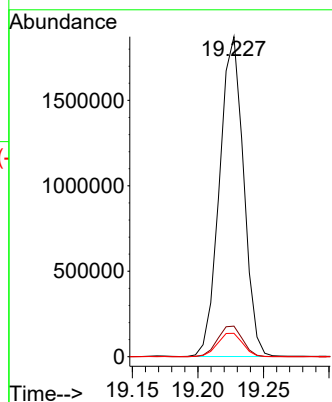
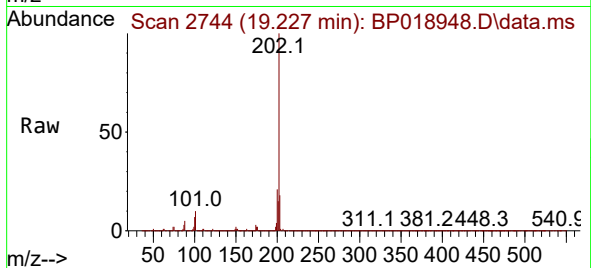
Tgt Ion:202 Resp: 2390469

Ion Ratio Lower Upper

202 100

101 9.6 9.1 13.7

100 7.3 7.1 10.7



#82

Pyrene

Concen: 25.905 ng/ul

RT: 19.580 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

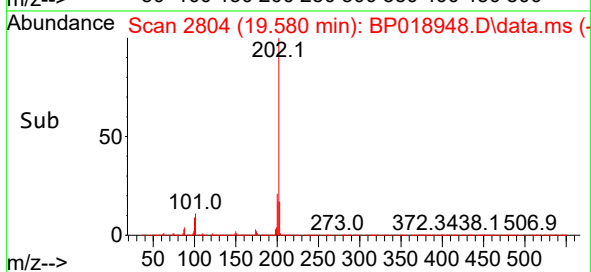
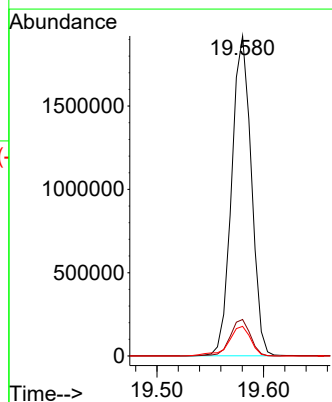
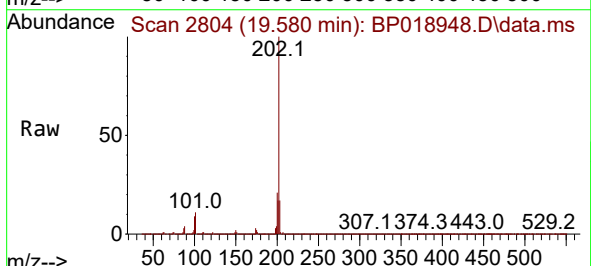
Tgt Ion:202 Resp: 2469247

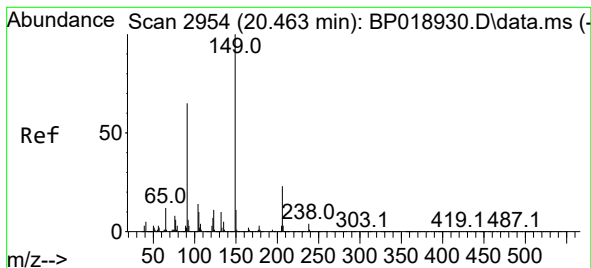
Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.4

100 9.3 9.1 13.7





#83

Butylbenzylphthalate

Concen: 27.010 ng/ul

RT: 20.457 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

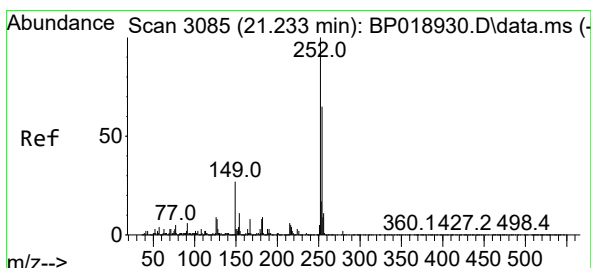
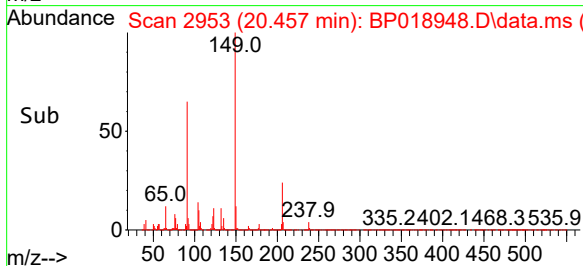
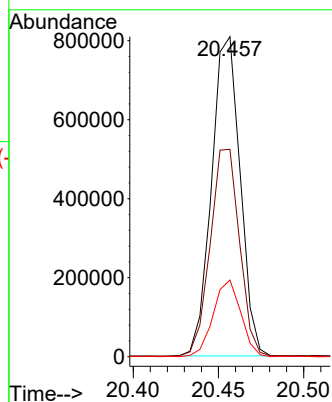
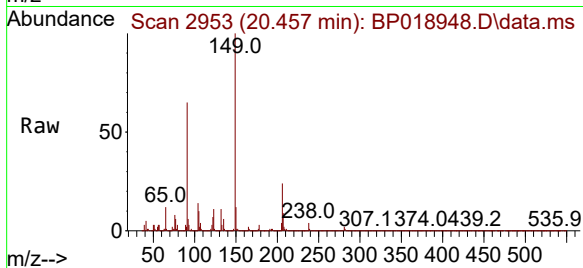
Tgt Ion:149 Resp: 942549

Ion Ratio Lower Upper

149 100

91 64.8 56.6 85.0

206 23.9 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 31.451 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

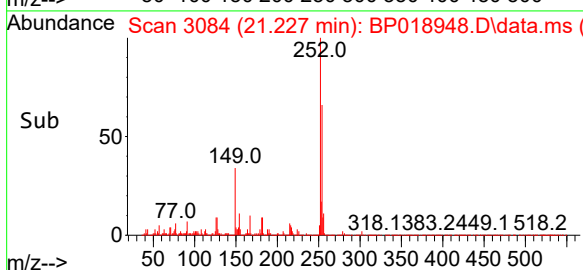
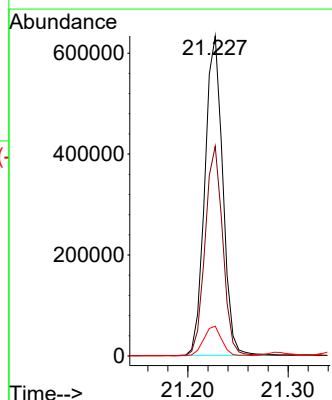
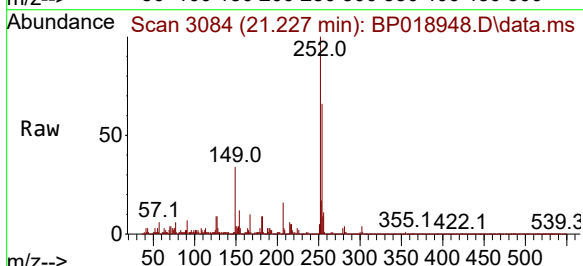
Tgt Ion:252 Resp: 784847

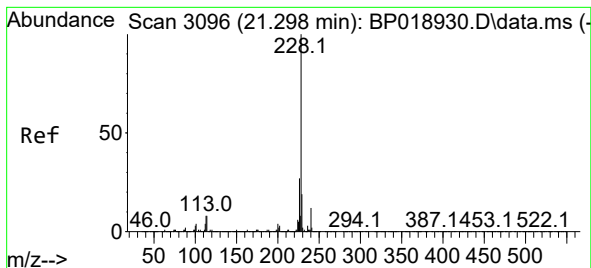
Ion Ratio Lower Upper

252 100

254 65.6 51.0 76.4

126 9.3 7.8 11.6





#85

Benzo(a)anthracene

Concen: 30.517 ng/ul

RT: 21.292 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

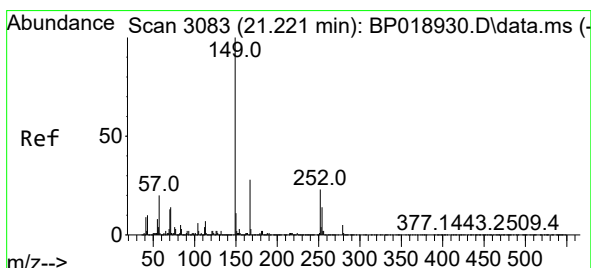
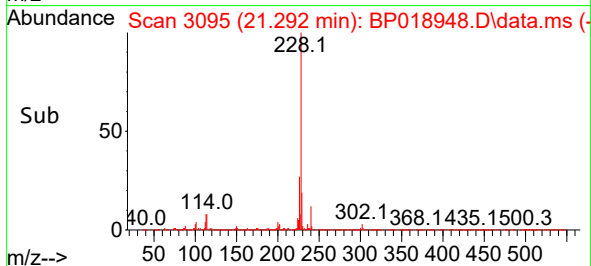
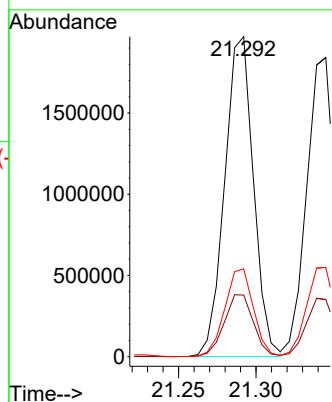
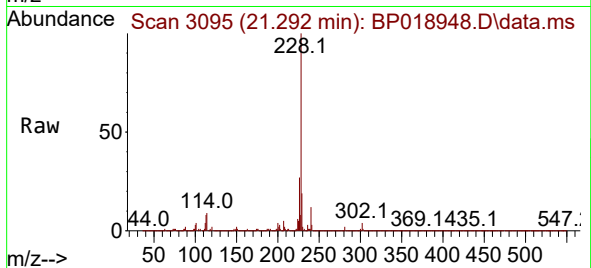
Tgt Ion:228 Resp: 2543660

Ion Ratio Lower Upper

228 100

229 19.2 15.7 23.5

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.129 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

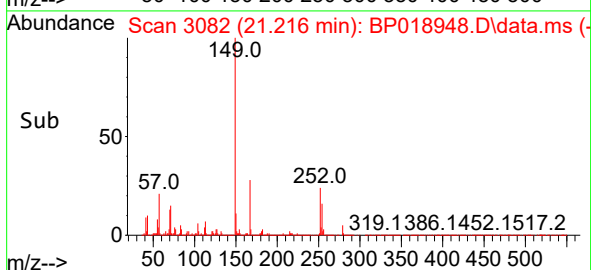
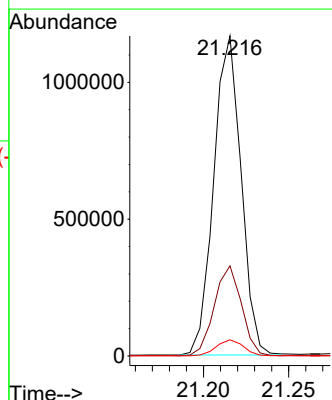
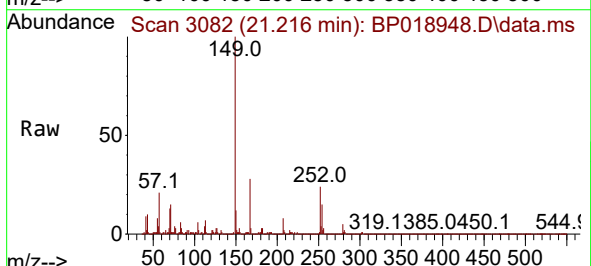
Tgt Ion:149 Resp: 1301221

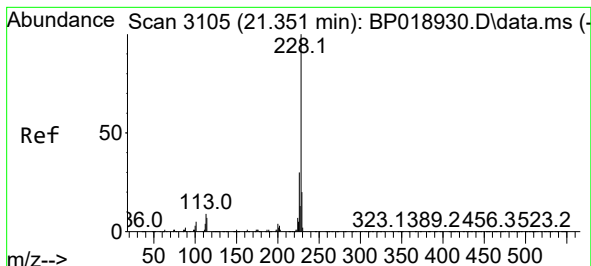
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 30.626 ng/ul

RT: 21.345 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

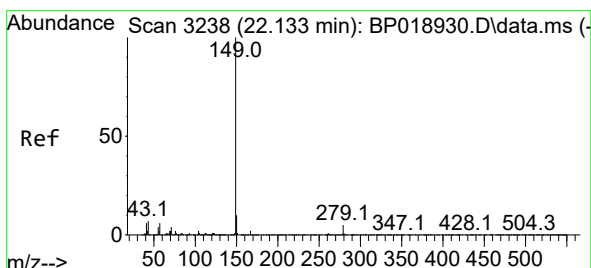
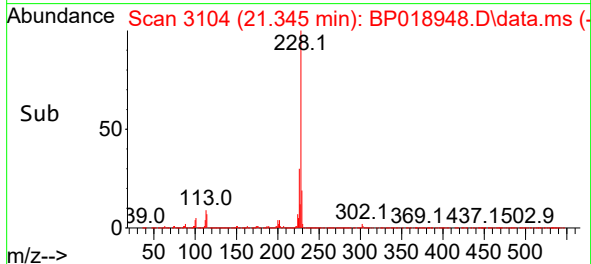
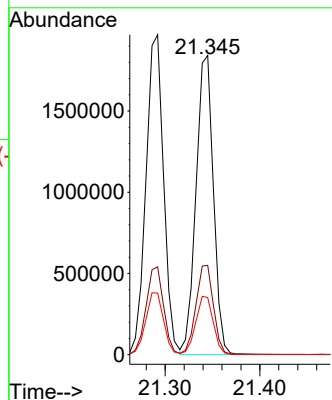
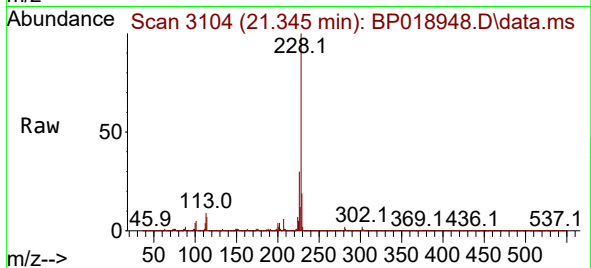
Tgt Ion:228 Resp: 2350805

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.1 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 26.613 ng/ul

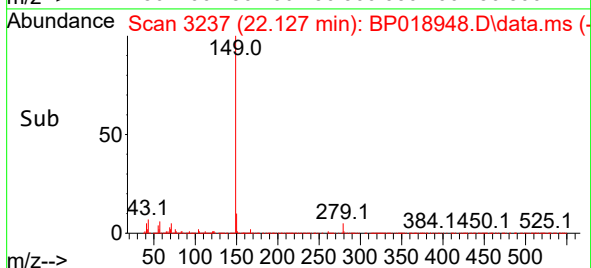
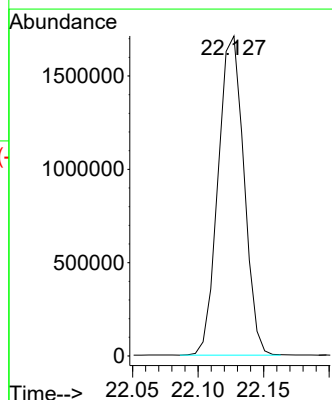
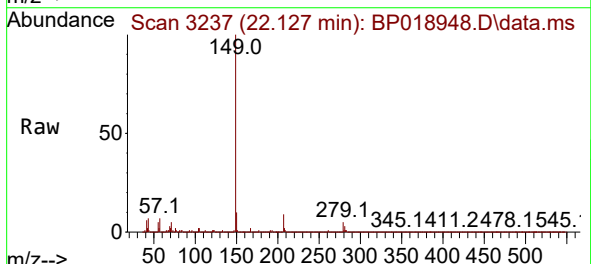
RT: 22.127 min Scan# 3237

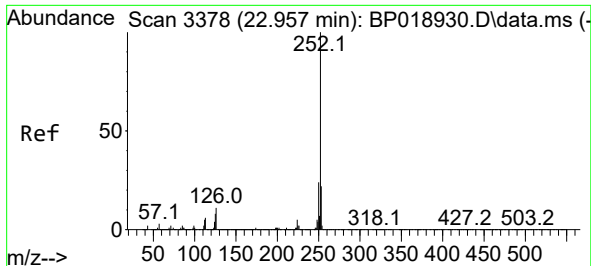
Delta R.T. -0.006 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Tgt Ion:149 Resp: 2337964

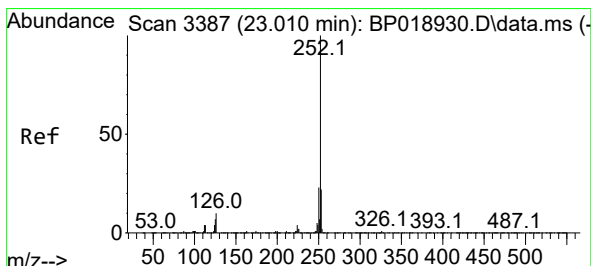
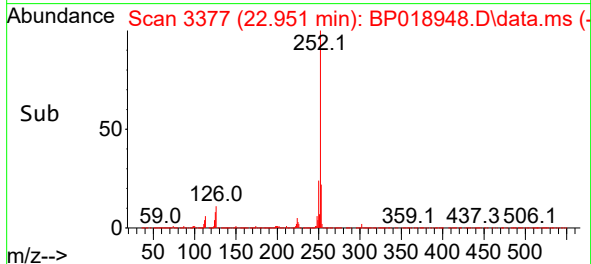
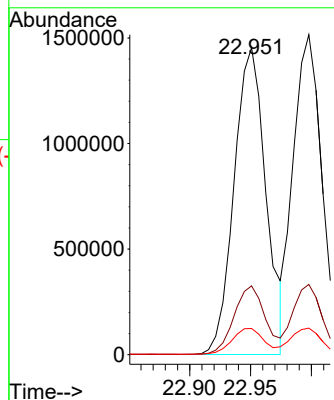
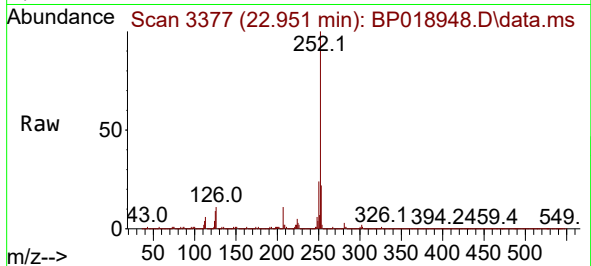




#90
Benzo(b)fluoranthene
Concen: 29.806 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

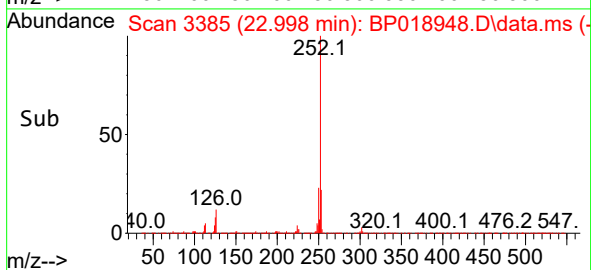
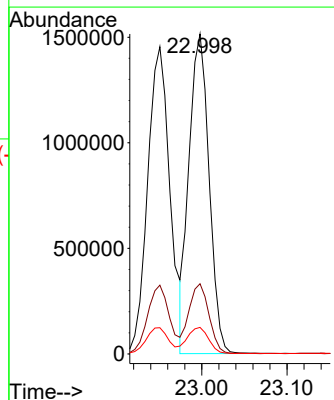
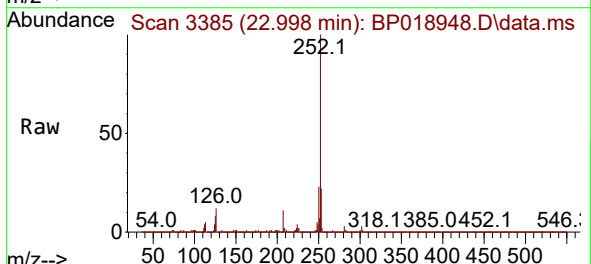
Instrument :
BNA_P
ClientSampleId :
SLCS879

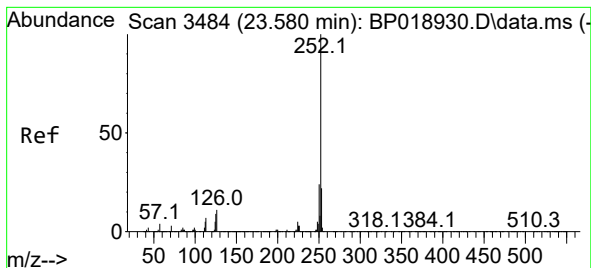
Tgt Ion:252 Resp: 2644217
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 8.6 7.8 11.6



#91
Benzo(k)fluoranthene
Concen: 28.806 ng/ul
RT: 22.998 min Scan# 3385
Delta R.T. -0.012 min
Lab File: BP018948.D
Acq: 19 Dec 2023 15:07

Tgt Ion:252 Resp: 2472667
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.3 8.0 12.0





#93

Benzo(a)pyrene

Concen: 30.132 ng/ul

RT: 23.568 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

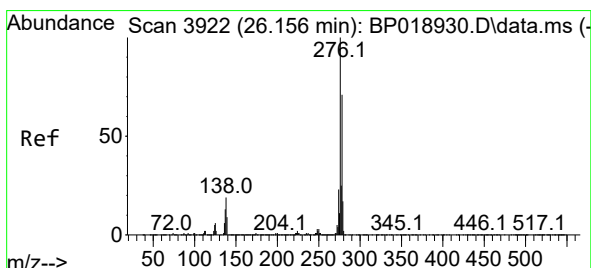
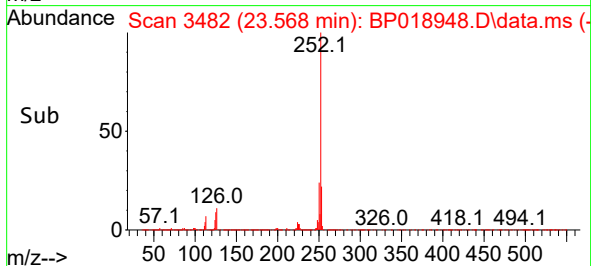
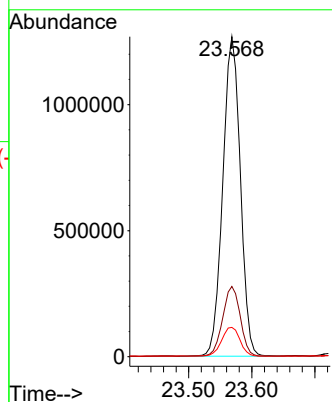
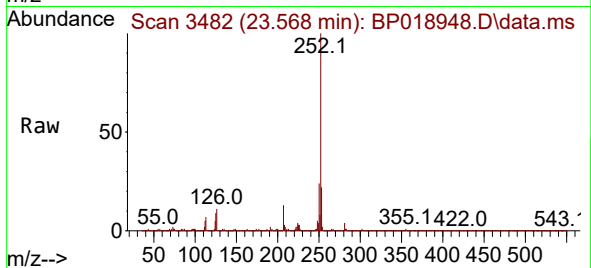
Tgt Ion:252 Resp: 2442510

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.2 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.515 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.024 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

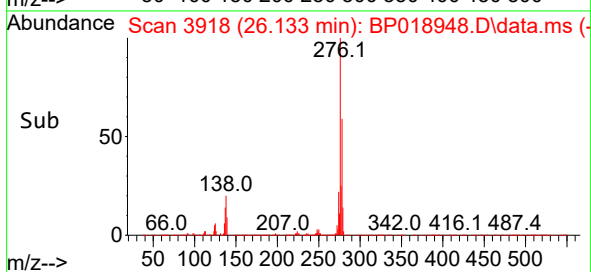
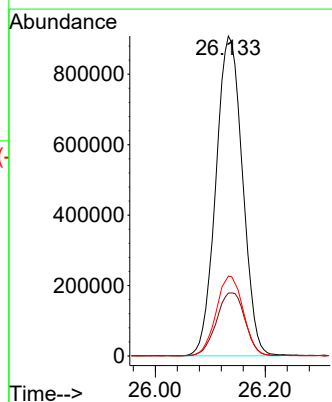
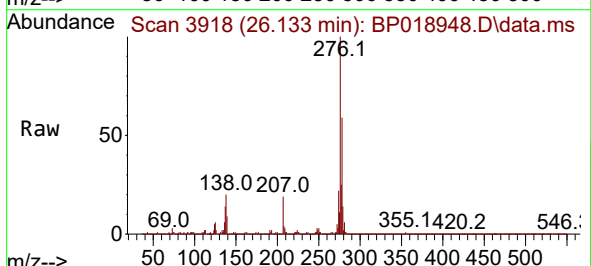
Tgt Ion:276 Resp: 3052307

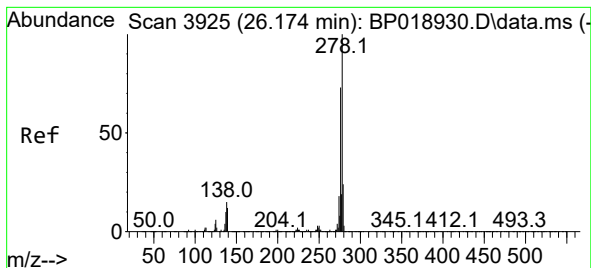
Ion Ratio Lower Upper

276 100

138 19.6 19.4 29.2

277 24.9 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 31.411 ng/ul

RT: 26.151 min Scan# 3925

Delta R.T. -0.024 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Instrument :

BNA_P

ClientSampleId :

SLCS879

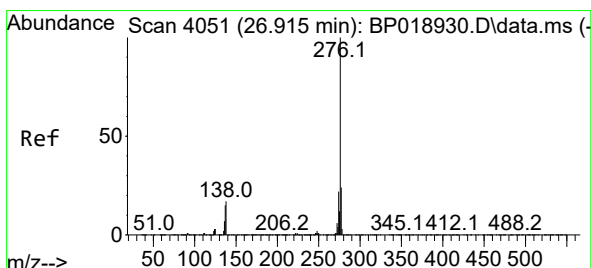
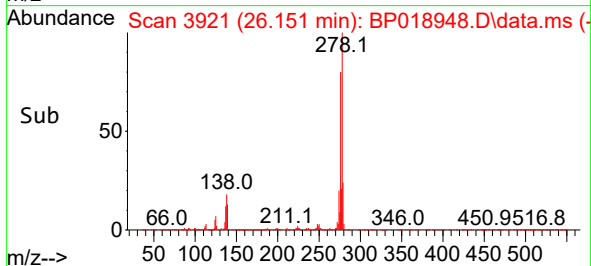
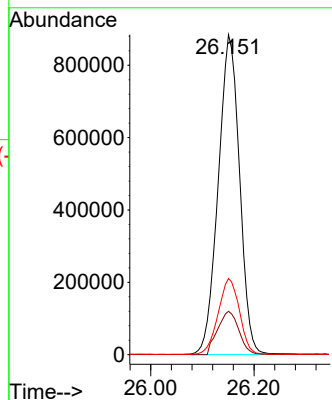
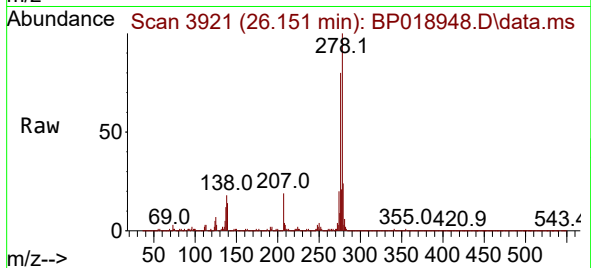
Tgt Ion:278 Resp: 2530719

Ion Ratio Lower Upper

278 100

139 13.6 13.0 19.6

279 23.8 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 31.384 ng/ul

RT: 26.892 min Scan# 4047

Delta R.T. -0.024 min

Lab File: BP018948.D

Acq: 19 Dec 2023 15:07

Tgt Ion:276 Resp: 2446221

Ion Ratio Lower Upper

276 100

138 18.7 18.1 27.1

277 23.7 19.4 29.0

