

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017928.D
 Acq On : 07 Nov 2023 17:09
 Operator : MA/JU
 Sample : PB156841BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS841

Quant Time: Nov 07 21:48:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	60164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	255496	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	168785	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	384154	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.416	240	365977	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	382099	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	10530	6.699	ng/uL	0.00
4) Pyridine-d5	3.675	84	143107	32.803	ng/ul	0.00
7) Phenol-d5	7.022	99	185081	32.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	113992	33.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	148683	34.296	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	154762	33.188	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	75644	37.048	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	87144	37.056	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	157311	36.489	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	198791	31.819	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	535149	36.159	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	571062	35.164	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	82131	36.093	ng/ul	0.00
60) Fluorene-d10	15.522	176	440247	35.540	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	96759	34.443	ng/ul	0.00
73) Anthracene-d10	17.398	188	700637	35.078	ng/ul	0.00
81) Pyrene-d10	19.645	212	842496	36.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	796244	37.295	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	23174	13.501	ng/uL	96
5) Pyridine	3.693	79	151164	33.326	ng/ul	93
6) Benzaldehyde	7.028	77	117658	37.494	ng/ul	97
8) Phenol	7.052	94	192523	34.688	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.305	93	156321	35.167	ng/ul	97
12) 2-Chlorophenol	7.416	128	157799	36.652	ng/ul	99
13) 2-Methylphenol	8.310	108	147229	34.505	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.369	45	105641	20.643	ng/ul	98
16) Acetophenone	8.716	105	262543	35.082	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	142732	36.444	ng/ul	97
18) 4-Methylphenol	8.646	108	162111	35.317	ng/ul	97
19) Hexachloroethane	8.910	117	77627	36.095	ng/ul	94
22) Nitrobenzene	9.104	77	217603	39.077	ng/ul	99
23) Isophorone	9.616	82	399506	39.451	ng/ul	99
25) 2-Nitrophenol	9.804	139	95294	39.156	ng/ul	93
26) 2,4-Dimethylphenol	9.846	107	180529	35.123	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.104	93	221379	39.741	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	159519	38.260	ng/ul	95
30) Naphthalene	10.728	128	531735	35.858	ng/ul	99
32) 4-Chloroaniline	10.875	127	189625	31.604	ng/ul	99
33) Hexachlorobutadiene	10.946	225	116477	33.576	ng/ul	96
34) Caprolactam	11.704	113	41348	31.118	ng/ul	91
35) 4-Chloro-3-methylphenol	11.981	107	194042	40.201	ng/ul	97
36) 2-Methylnaphthalene	12.340	142	373981	36.961	ng/ul	98

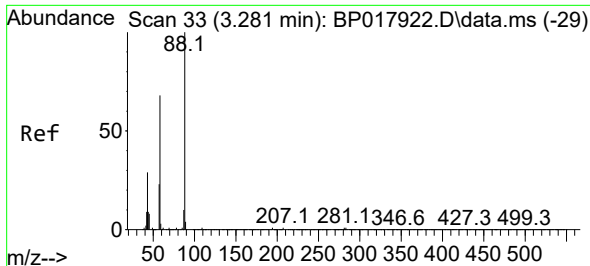
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	375202	35.894	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.687	216	204383	34.958	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	89921	28.881	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	137221	37.126	ng/ul	96
42) 2,4,5-Trichlorophenol	13.028	196	145863	38.323	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	517190	37.575	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	402479	36.705	ng/ul	98
45) 2-Nitroaniline	13.651	65	141926	43.227	ng/ul	93
47) Dimethylphthalate	13.992	163	564114	38.650	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	115204	39.768	ng/ul	96
50) Acenaphthylene	14.251	152	683390	37.597	ng/ul	100
51) 3-Nitroaniline	14.486	138	101194	37.083	ng/ul	91
52) Acenaphthene	14.586	153	453793	37.670	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	62539	36.676	ng/ul#	81
55) 4-Nitrophenol	14.786	109	119722	40.552	ng/ul	95
56) Dibenzofuran	14.928	168	627790	37.727	ng/ul	96
57) 2,4-Dinitrotoluene	14.934	165	175473	40.533	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.145	232	130701	36.851	ng/ul#	87
59) Diethylphthalate	15.345	149	607957	39.977	ng/ul	100
61) Fluorene	15.575	166	539220	38.271	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.569	204	268997	36.892	ng/ul	99
63) 4-Nitroaniline	15.657	138	101806	39.435	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.686	198	108425	36.944	ng/ul	97
67) N-Nitrosodiphenylamine	15.798	169	451813	38.214	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	159830	35.333	ng/ul	95
69) Hexachlorobenzene	16.551	284	174511	33.610	ng/ul#	87
70) Atrazine	16.757	200	169904	37.626	ng/ul	98
71) Pentachlorophenol	16.928	266	110912	35.167	ng/ul	94
72) Phenanthrene	17.339	178	867443	38.403	ng/ul	99
74) Anthracene	17.433	178	870782	37.926	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	206670	34.328	ng/ul	99
76) Pentachlorobenzene	14.816	250	206947	34.446	ng/ul	96
77) Carbazole	17.727	167	794377	38.799	ng/ul	99
78) Di-n-butylphthalate	18.227	149	1076826	42.269	ng/ul	100
80) Fluoranthene	19.316	202	1044248	38.515	ng/ul	99
82) Pyrene	19.674	202	1095123	38.725	ng/ul	100
83) Butylbenzylphthalate	20.539	149	506587	40.715	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	320792	35.064	ng/ul#	99
85) Benzo(a)anthracene	21.398	228	1089828	38.668	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	743054	41.242	ng/ul	99
87) Chrysene	21.451	228	1018890	38.984	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1270070	39.356	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1065420	40.399	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1011460	38.245	ng/ul	100
93) Benzo(a)pyrene	23.786	252	977122	39.856	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.527	276	1148910	39.346	ng/ul	99
95) Dibenzo(a,h)anthracene	26.551	278	956192	39.365	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	920624	39.602	ng/ul	98

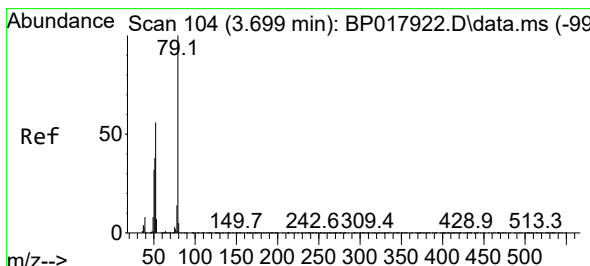
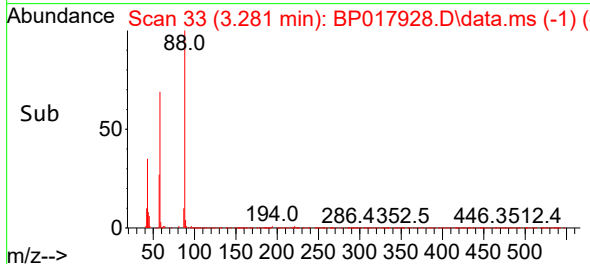
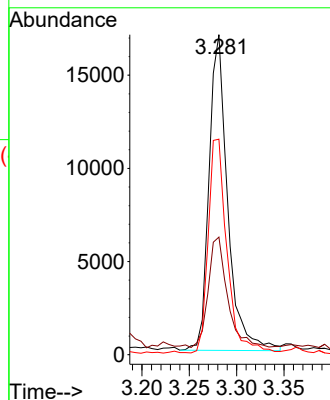
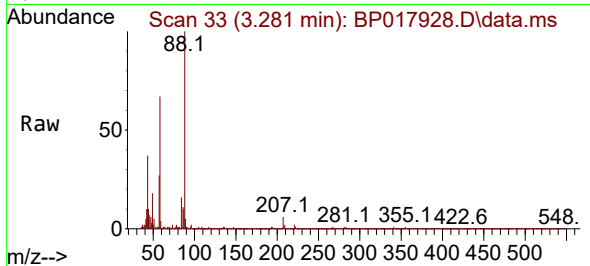
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#2
1,4-Dioxane
Concen: 13.501 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

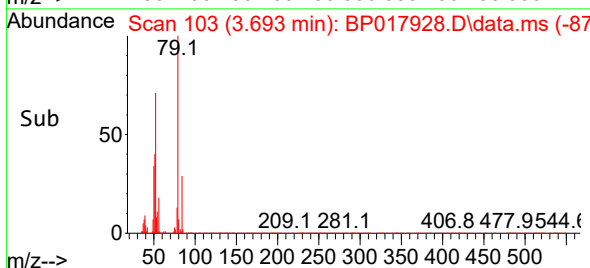
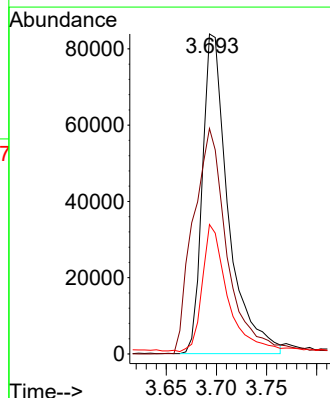
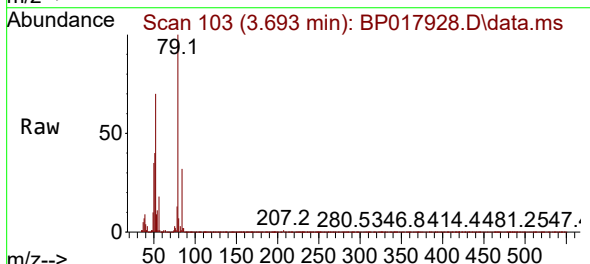
Instrument :
BNA_P
ClientSampleId :
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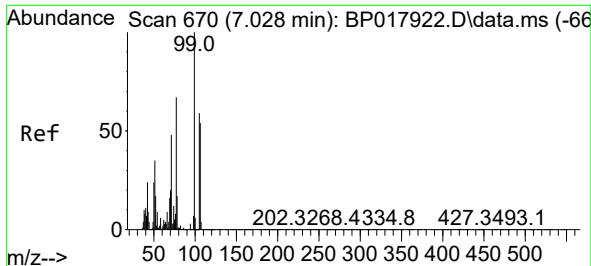
Tgt Ion: 88 Resp: 23174
Ion Ratio Lower Upper
88 100
43 36.8 26.2 39.4
58 67.4 55.6 83.4



#5
Pyridine
Concen: 33.326 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion: 79 Resp: 151164
Ion Ratio Lower Upper
79 100
52 70.4 51.0 76.6
51 40.5 29.8 44.8

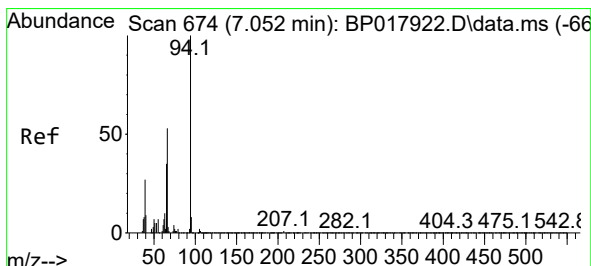
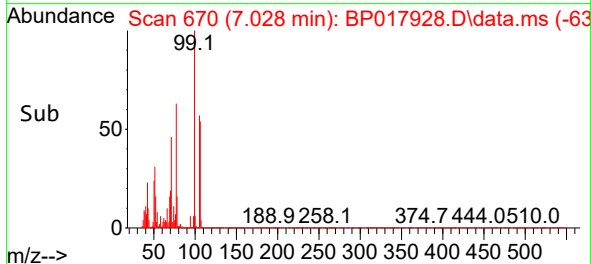
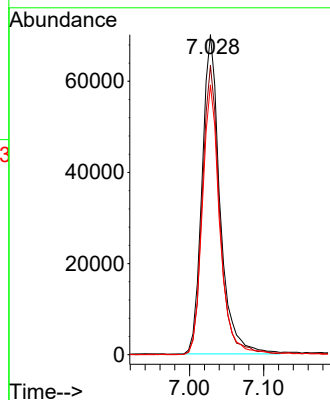
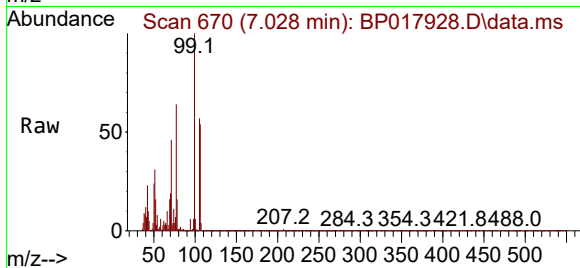




#6
Benzaldehyde
Concen: 37.494 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

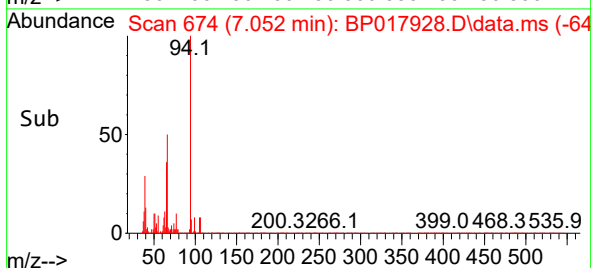
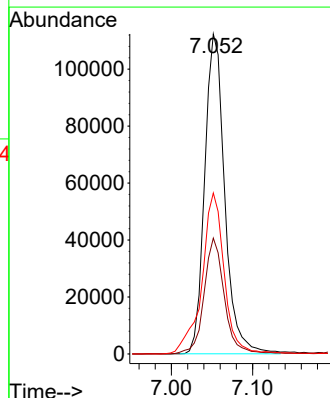
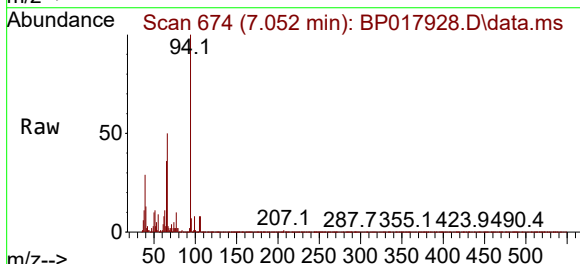
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ClientSampleId :
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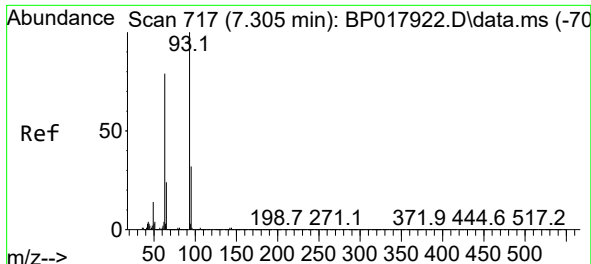
Tgt Ion: 77 Resp: 117658
Ion Ratio Lower Upper
77 100
105 90.4 69.0 103.6
106 84.3 66.2 99.4



#8
Phenol
Concen: 34.688 ng/ul
RT: 7.052 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion: 94 Resp: 192523
Ion Ratio Lower Upper
94 100
65 36.2 27.7 41.5
66 50.3 41.7 62.5





#10

Bis(2-Chloroethyl)ether

Concen: 35.167 ng/ul

RT: 7.305 min Scan# 717

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

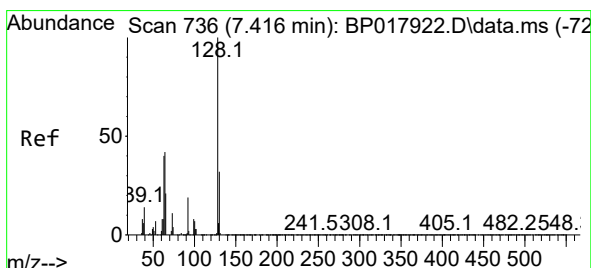
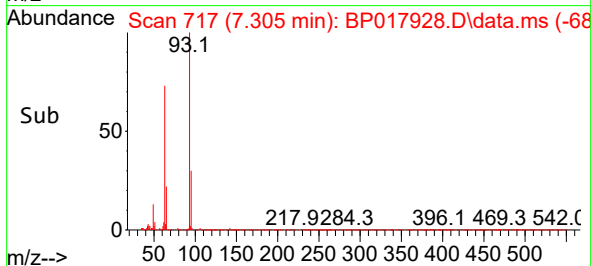
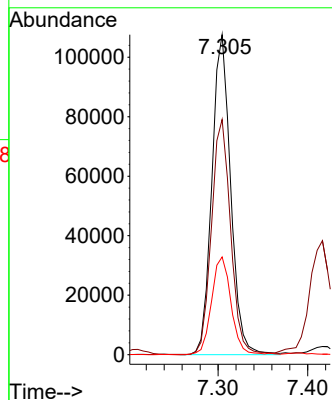
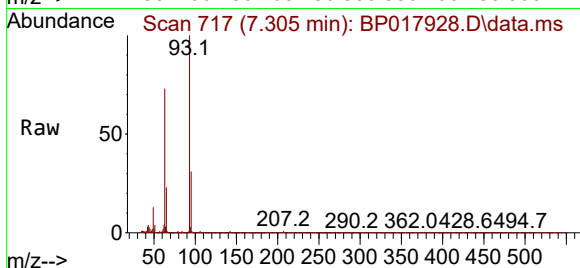
Tgt Ion: 93 Resp: 156321

Ion Ratio Lower Upper

93 100

63 73.5 57.2 85.8

95 30.6 26.2 39.4



#12

2-Chlorophenol

Concen: 36.652 ng/ul

RT: 7.416 min Scan# 736

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

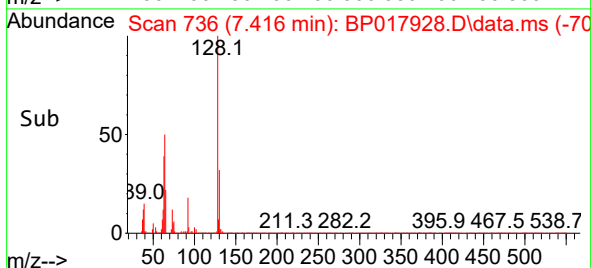
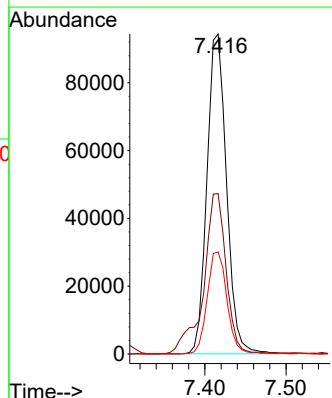
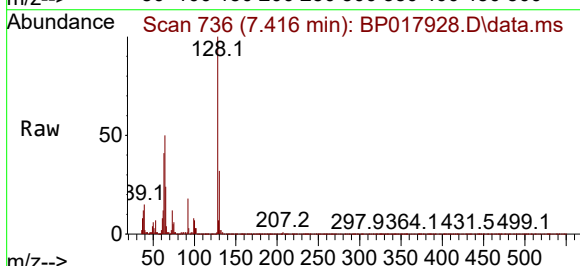
Tgt Ion:128 Resp: 157799

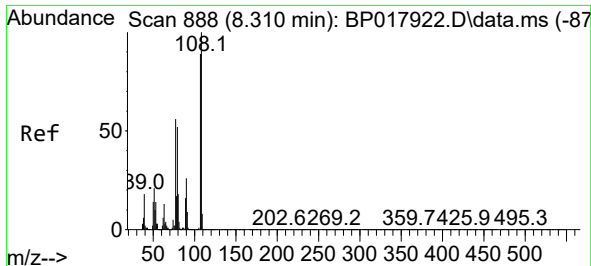
Ion Ratio Lower Upper

128 100

64 50.1 39.8 59.6

130 31.9 25.8 38.8





#13

2-Methylphenol

Concen: 34.505 ng/ul

RT: 8.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

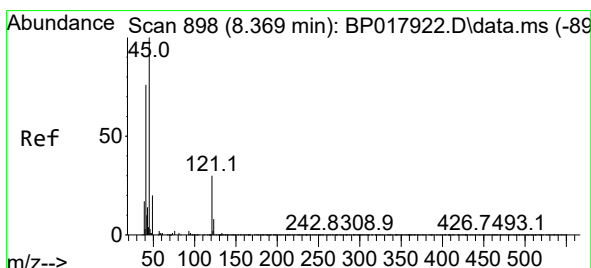
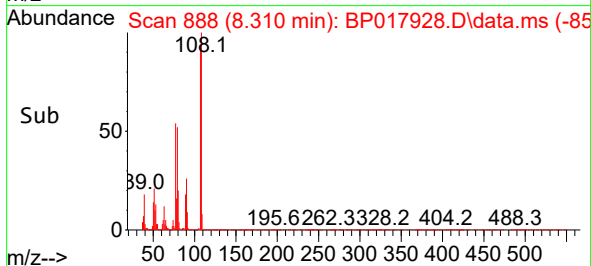
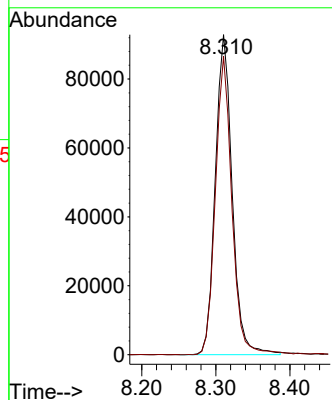
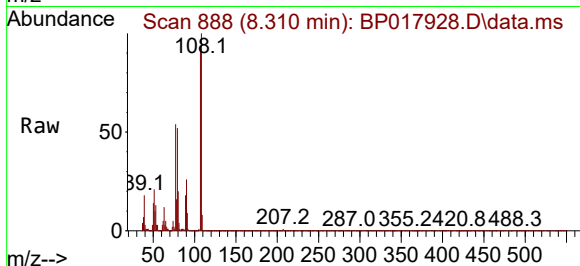
SLCS841

Tgt Ion:108 Resp: 147229

Ion Ratio Lower Upper

108 100

107 93.2 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.643 ng/ul

RT: 8.369 min Scan# 898

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

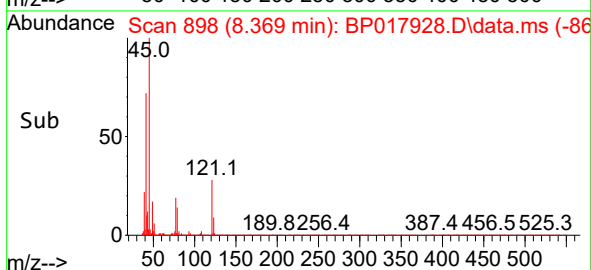
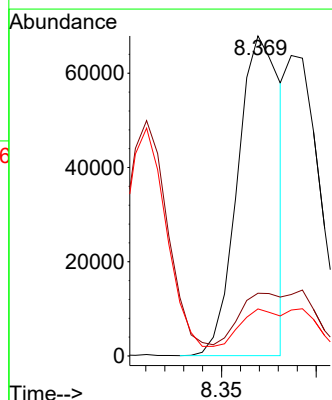
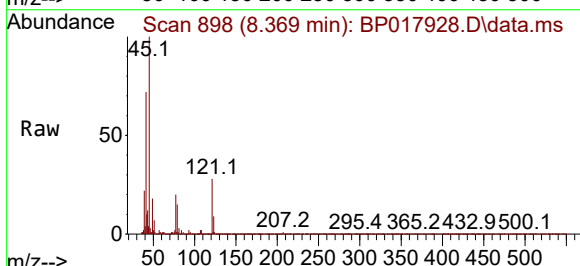
Tgt Ion: 45 Resp: 105641

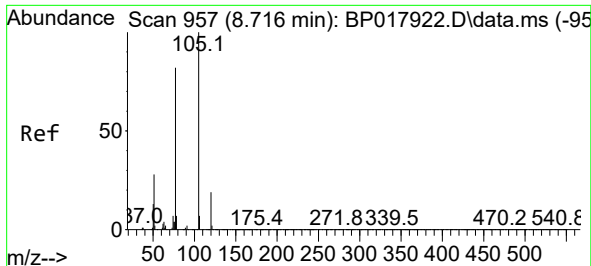
Ion Ratio Lower Upper

45 100

77 19.6 14.8 22.2

79 14.7 11.2 16.8

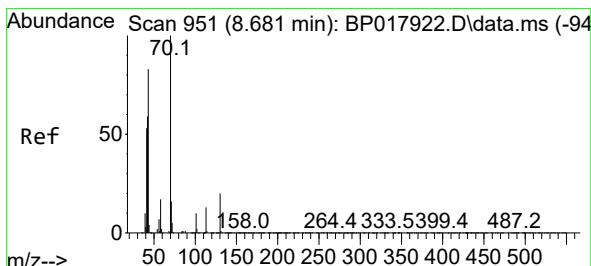
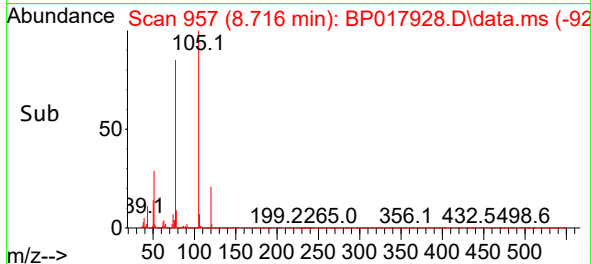
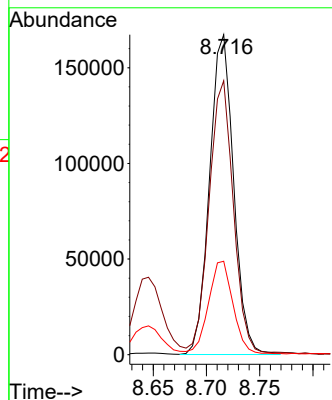
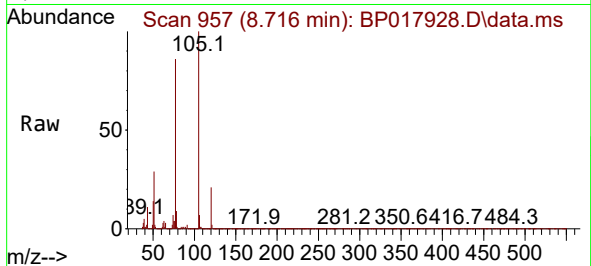




#16
Acetophenone
Concen: 35.082 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

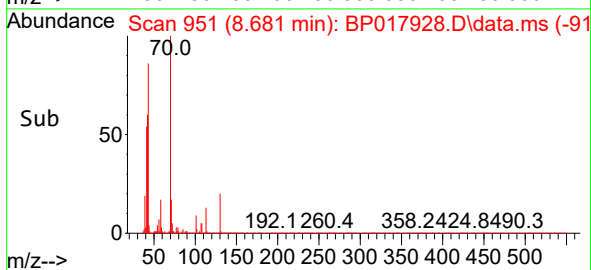
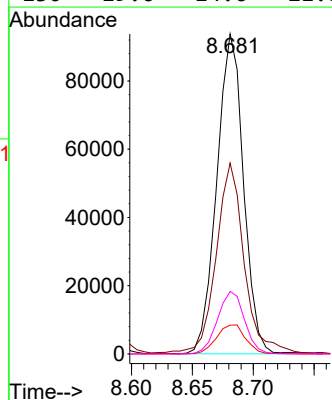
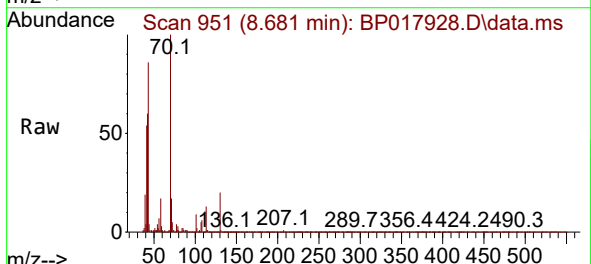
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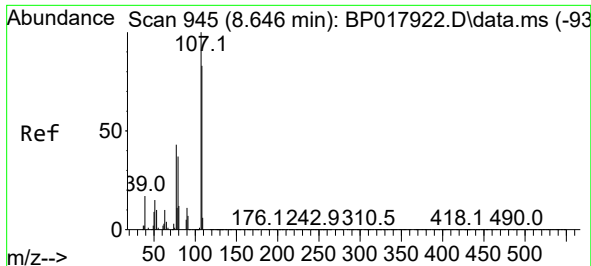
Tgt Ion:105 Resp: 262543
Ion Ratio Lower Upper
105 100
77 85.6 67.7 101.5
51 29.2 23.4 35.2



#17
N-Nitroso-di-n-propylamine
Concen: 36.444 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion: 70 Resp: 142732
Ion Ratio Lower Upper
70 100
42 59.6 45.7 68.5
101 9.0 7.9 11.9
130 19.6 14.6 21.8

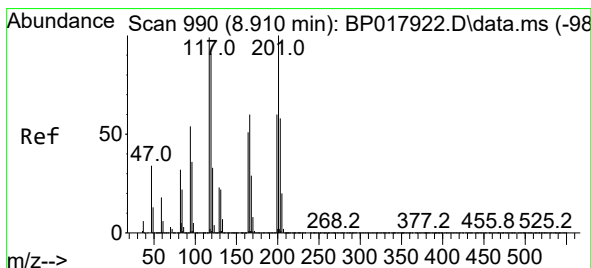
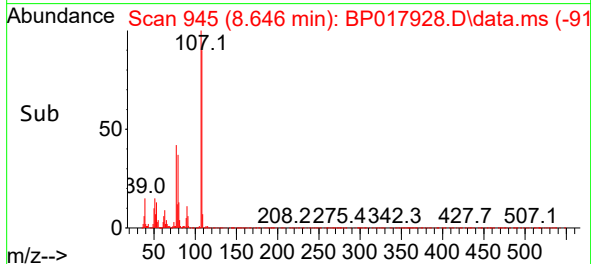
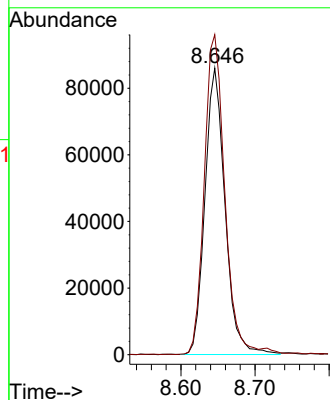
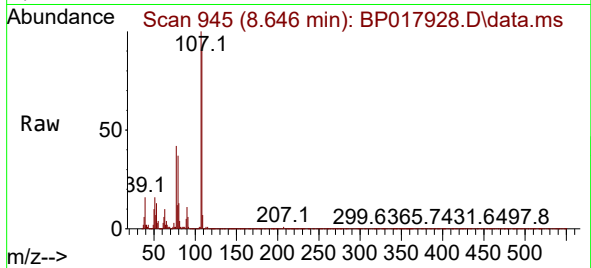




#18
4-Methylphenol
Concen: 35.317 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

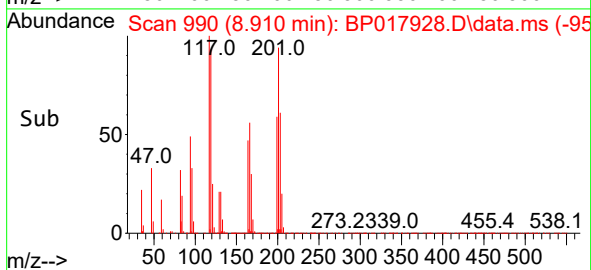
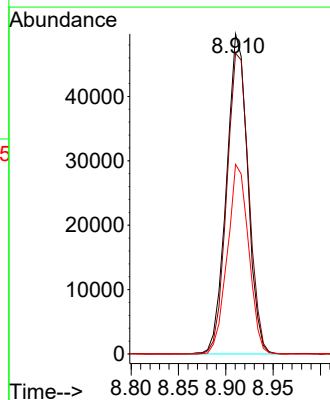
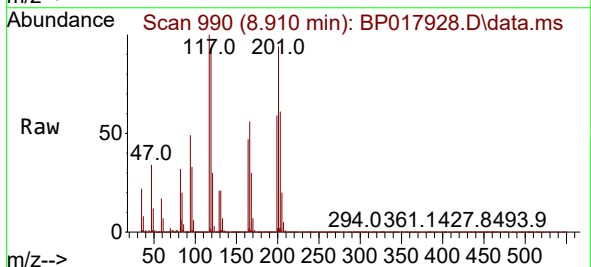
Instrument :
BNA_P
ClientSampleId :
SLCS841

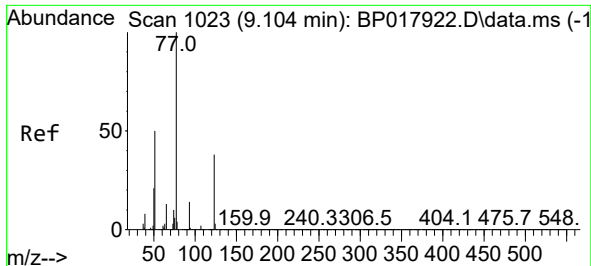
Tgt Ion:108 Resp: 162111
Ion Ratio Lower Upper
108 100
107 111.7 87.2 130.8



#19
Hexachloroethane
Concen: 36.095 ng/ul
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:117 Resp: 77627
Ion Ratio Lower Upper
117 100
201 94.0 79.6 119.4
199 59.3 51.4 77.0

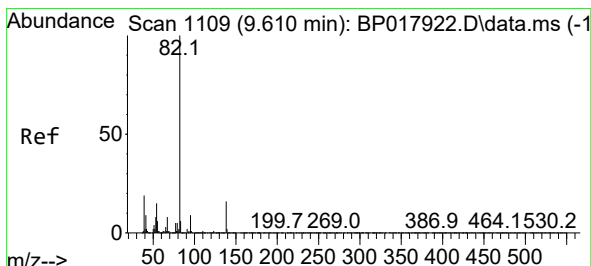
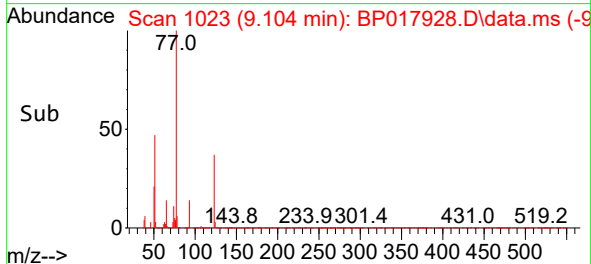
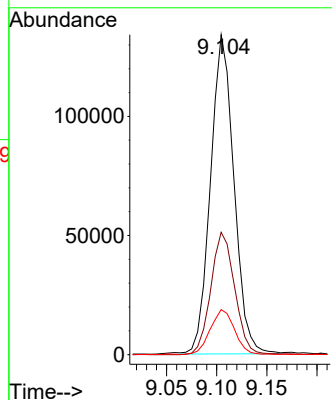
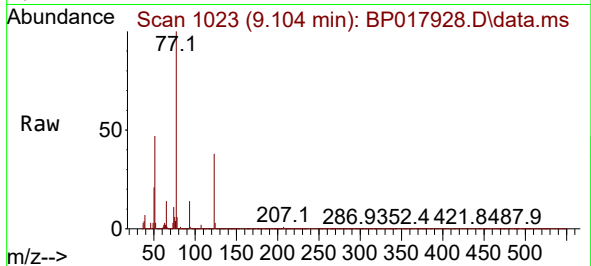




#22
Nitrobenzene
Concen: 39.077 ng/ul
RT: 9.104 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

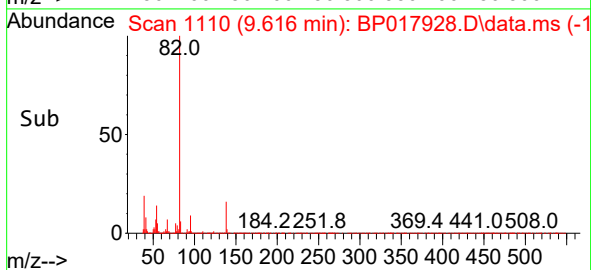
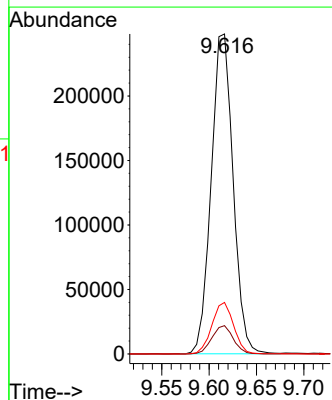
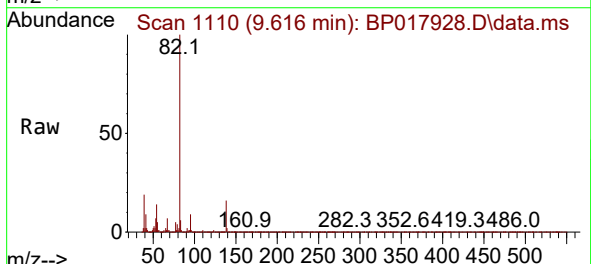
Instrument :
BNA_P
ClientSampleId :
SLCS841

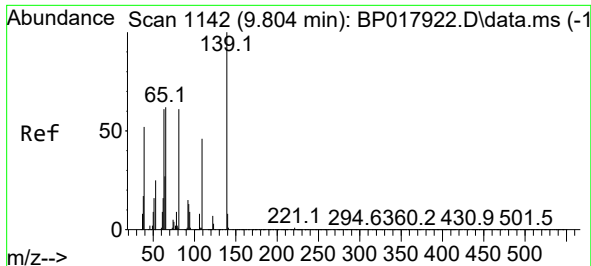
Tgt Ion: 77 Resp: 217603
Ion Ratio Lower Upper
77 100
123 38.2 31.2 46.8
65 14.1 11.5 17.3



#23
Isophorone
Concen: 39.451 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion: 82 Resp: 399506
Ion Ratio Lower Upper
82 100
95 8.8 7.2 10.8
138 16.1 13.4 20.2

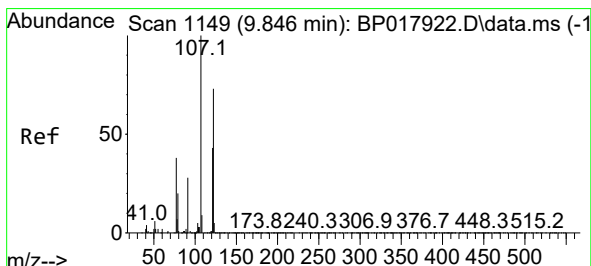
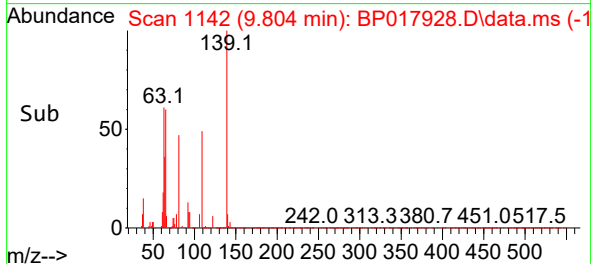
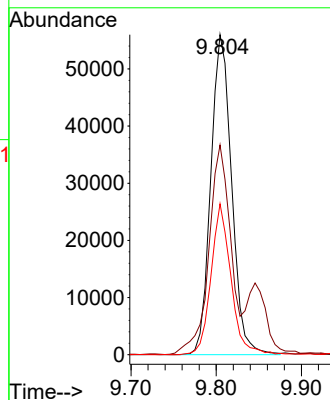
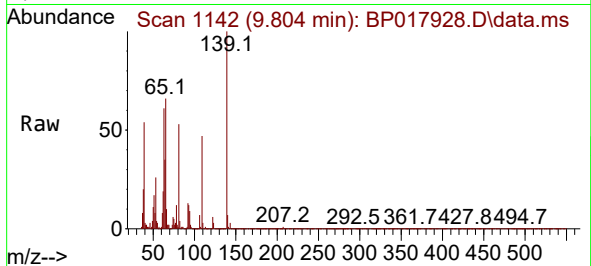




#25
2-Nitrophenol
Concen: 39.156 ng/ul
RT: 9.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

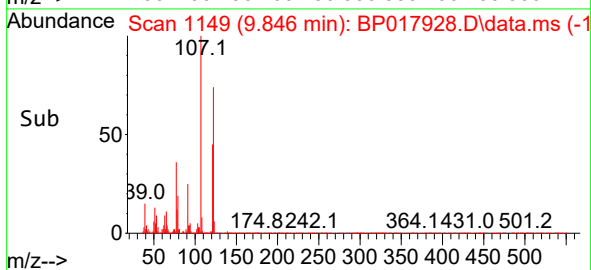
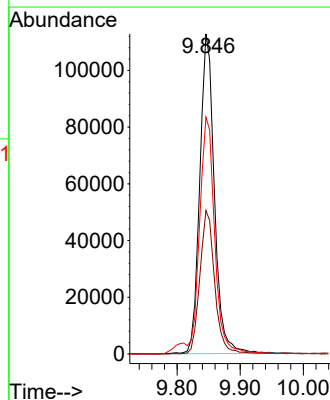
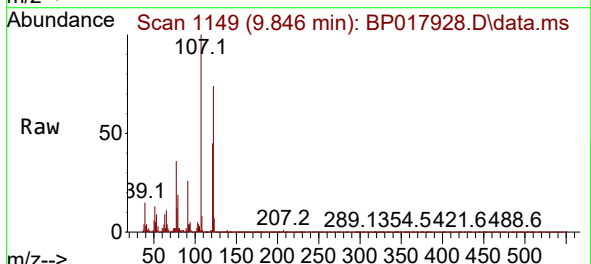
Instrument :
BNA_P
ClientSampleId :
SLCS841

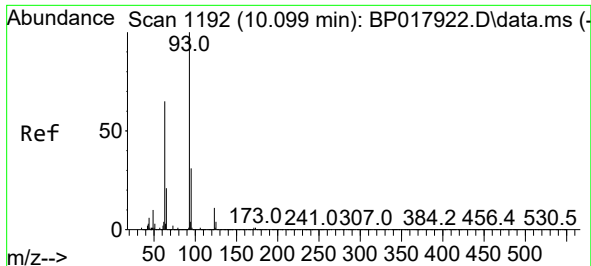
Tgt Ion:	139	Resp:	95294
Ion Ratio	Lower	Upper	
139	100		
65	65.6	49.0	73.6
109	47.1	32.8	49.2



#26
2,4-Dimethylphenol
Concen: 35.123 ng/ul
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:	107	Resp:	180529
Ion Ratio	Lower	Upper	
107	100		
121	44.8	37.8	56.8
122	74.0	61.9	92.9

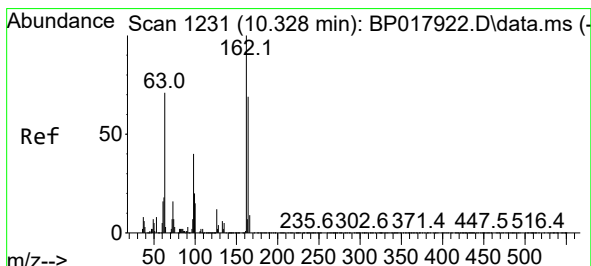
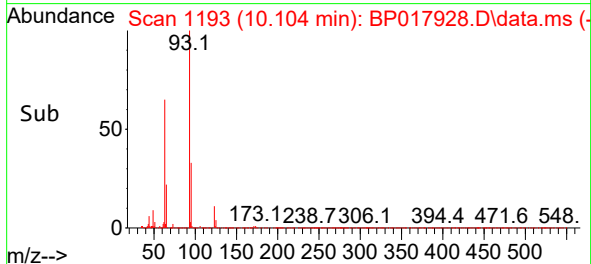
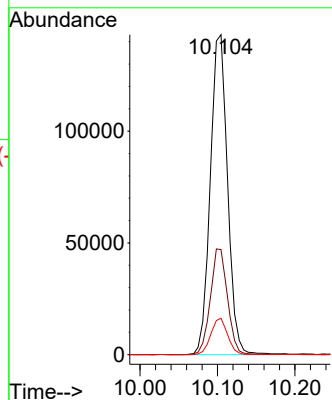
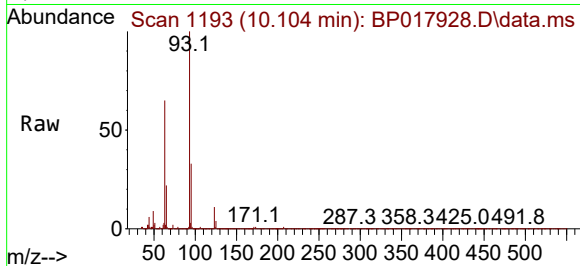




#27
Bis(2-Chloroethoxy)methane
Concen: 39.741 ng/ul
RT: 10.104 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

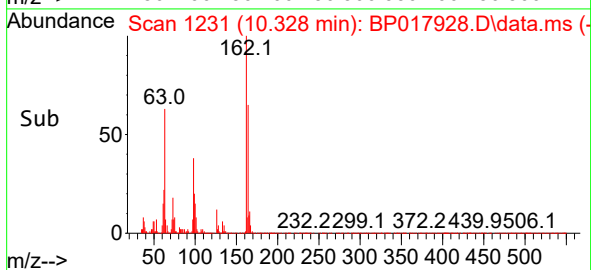
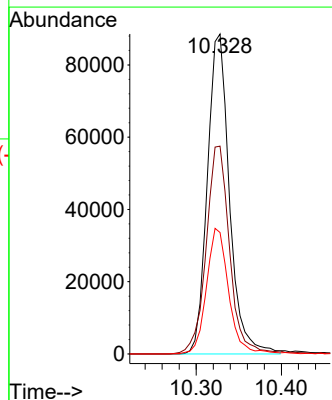
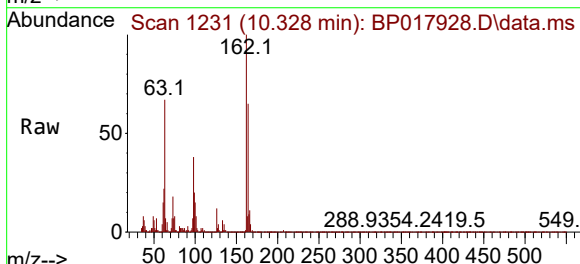
Instrument :
BNA_P
ClientSampleId :
SLCS841

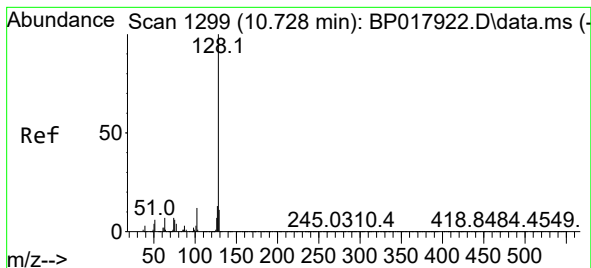
Tgt Ion: 93 Resp: 221379
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 11.4 9.2 13.8



#29
2,4-Dichlorophenol
Concen: 38.260 ng/ul
RT: 10.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:162 Resp: 159519
Ion Ratio Lower Upper
162 100
164 65.0 49.4 74.2
98 37.9 27.6 41.4

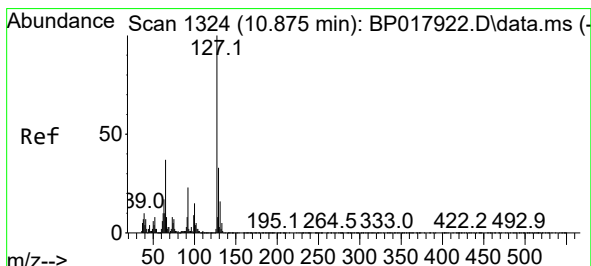
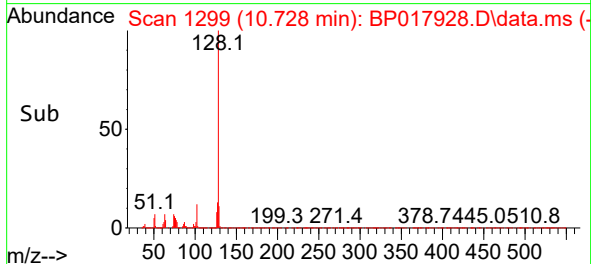
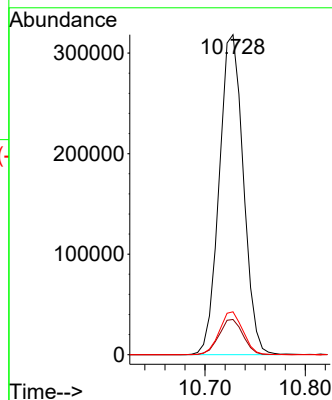
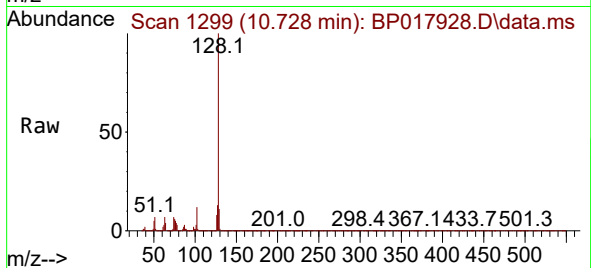




#30
Naphthalene
Concen: 35.858 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

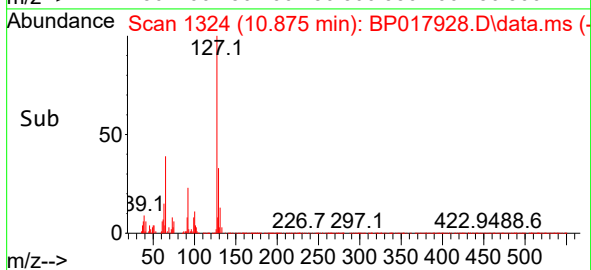
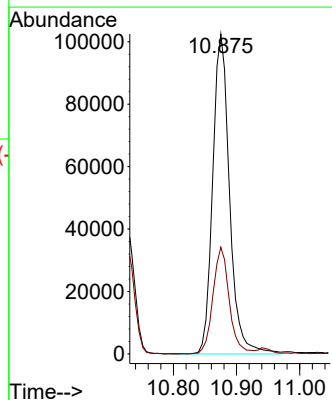
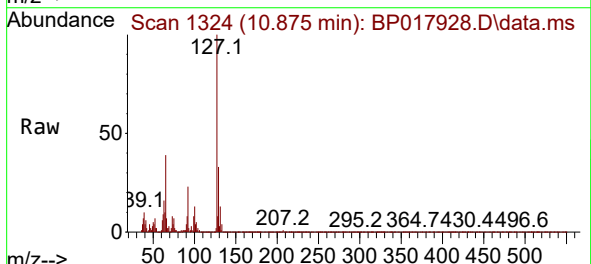
Instrument :
BNA_P
ClientSampleId :
SLCS841

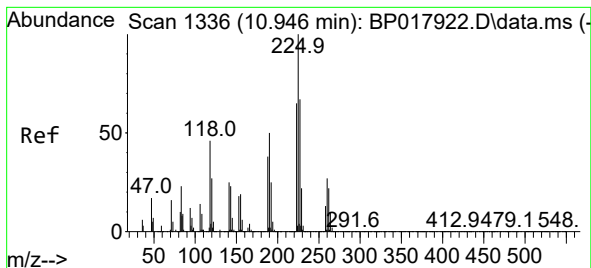
Tgt Ion:128 Resp: 531735
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.4 10.6 15.8



#32
4-Chloroaniline
Concen: 31.604 ng/ul
RT: 10.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:127 Resp: 189625
Ion Ratio Lower Upper
127 100
129 33.3 26.2 39.2





#33

Hexachlorobutadiene

Concen: 33.576 ng/ul

RT: 10.946 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

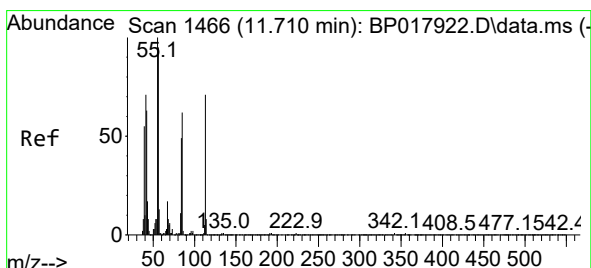
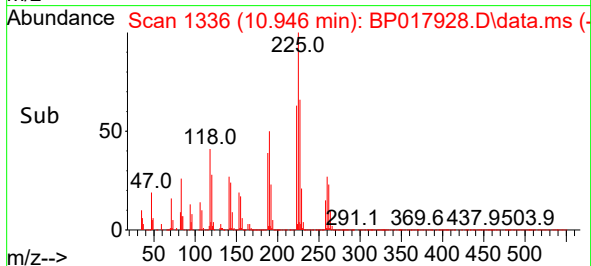
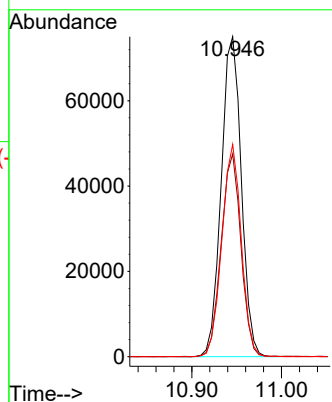
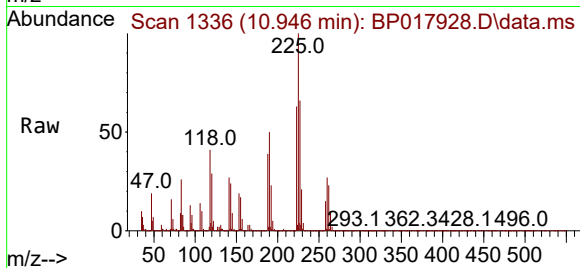
Tgt Ion:225 Resp: 116477

Ion Ratio Lower Upper

225 100

223 63.4 47.7 71.5

227 66.3 50.8 76.2



#34

Caprolactam

Concen: 31.118 ng/ul

RT: 11.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

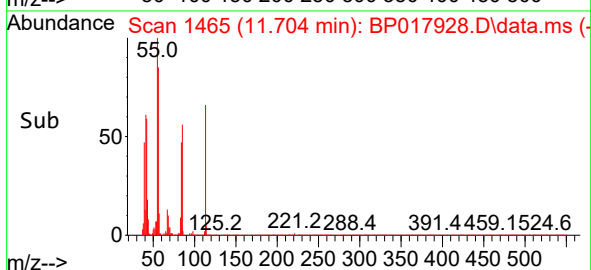
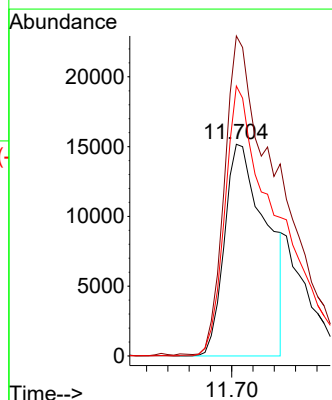
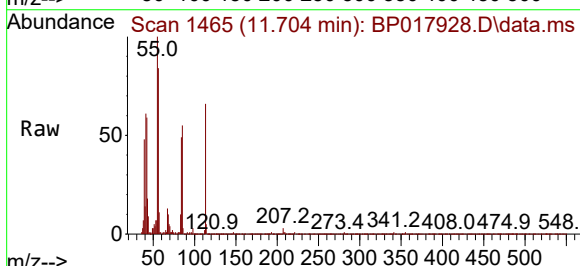
Tgt Ion:113 Resp: 41348

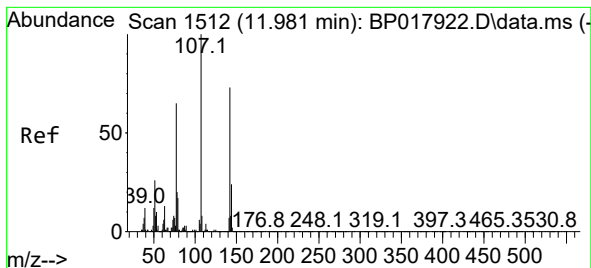
Ion Ratio Lower Upper

113 100

55 151.2 114.1 171.1

56 127.5 91.7 137.5

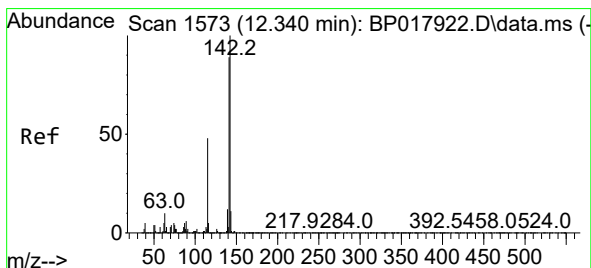
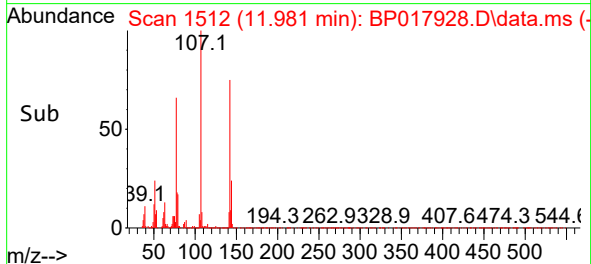
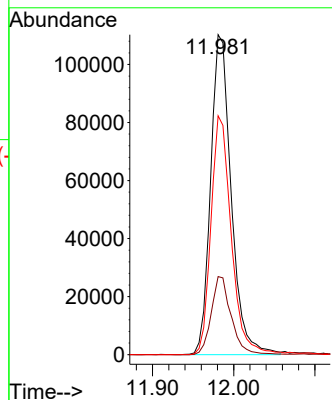
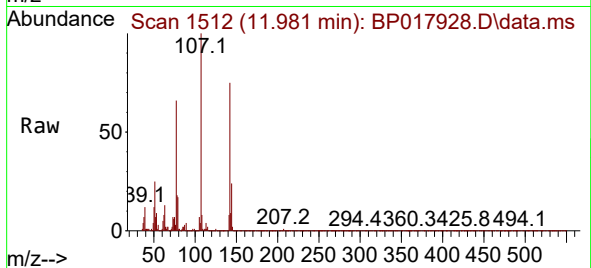




#35
4-Chloro-3-methylphenol
Concen: 40.201 ng/ul
RT: 11.981 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

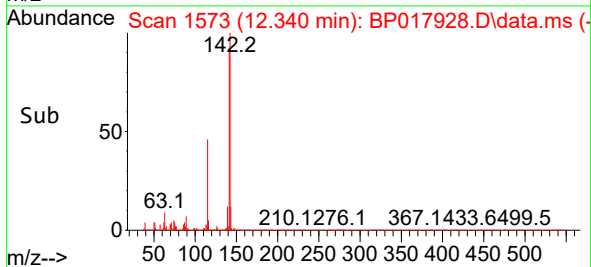
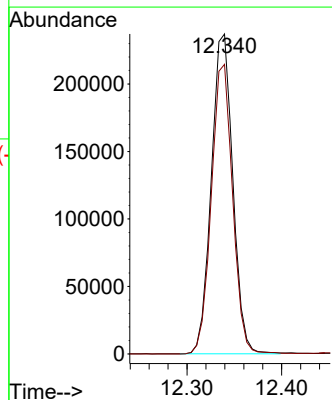
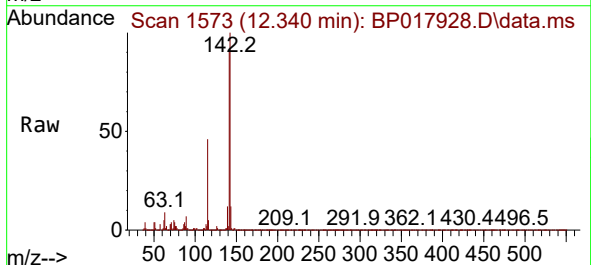
Instrument :
BNA_P
ClientSampleId :
SLCS841

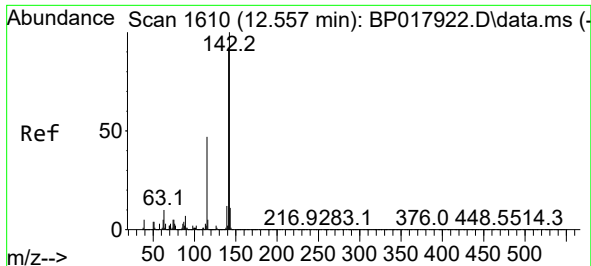
Tgt Ion:107 Resp: 194042
Ion Ratio Lower Upper
107 100
144 24.4 20.8 31.2
142 74.6 62.2 93.2



#36
2-Methylnaphthalene
Concen: 36.961 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:142 Resp: 373981
Ion Ratio Lower Upper
142 100
141 90.5 70.9 106.3





#37

1-Methylnaphthalene

Concen: 35.894 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

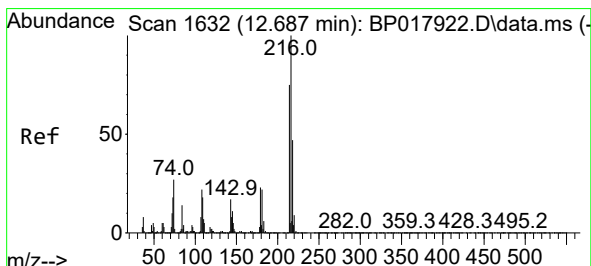
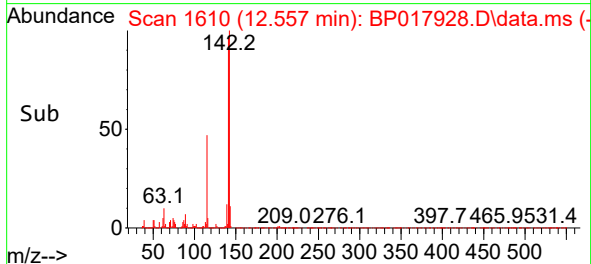
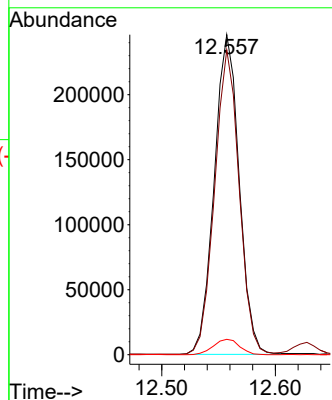
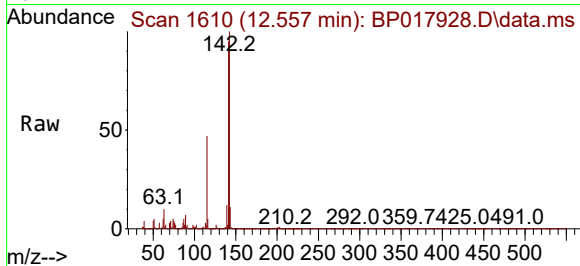
Tgt Ion:142 Resp: 375202

Ion Ratio Lower Upper

142 100

141 95.3 74.3 111.5

116 4.8 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.958 ng/ul

RT: 12.687 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Tgt Ion:216 Resp: 204383

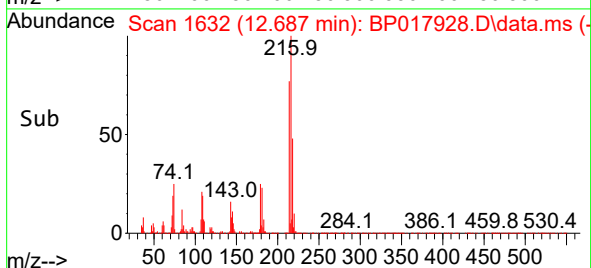
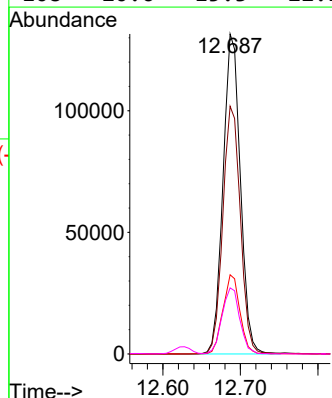
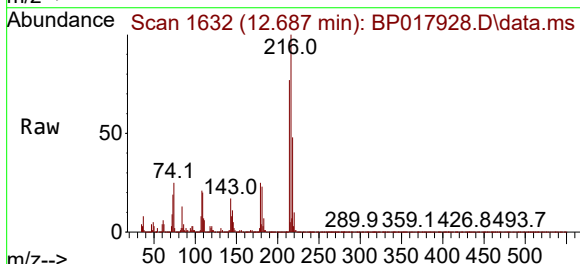
Ion Ratio Lower Upper

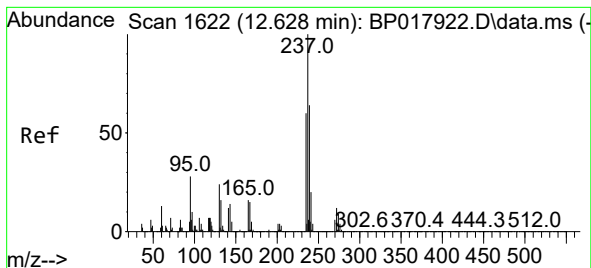
216 100

214 77.4 63.4 95.2

179 24.8 18.9 28.3

108 20.6 15.3 22.9

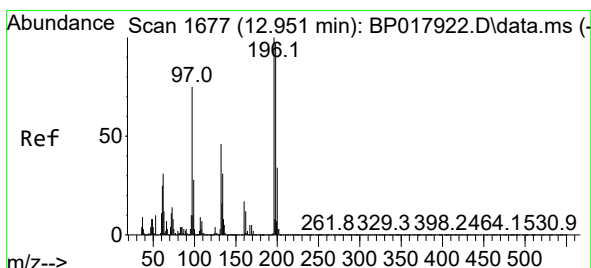
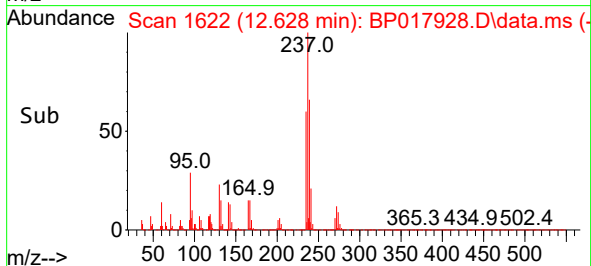
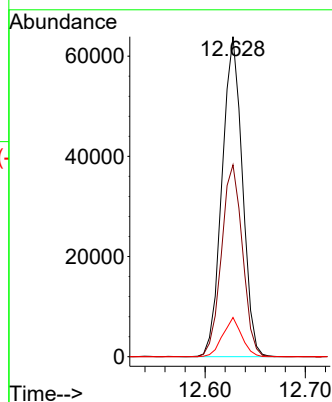
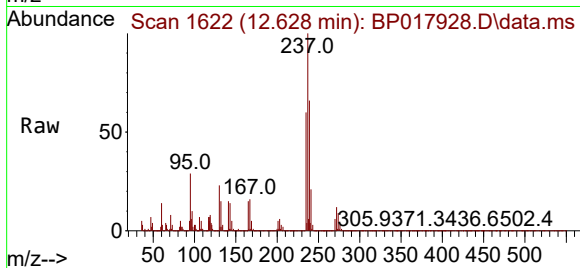




#40
Hexachlorocyclopentadiene
Concen: 28.881 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

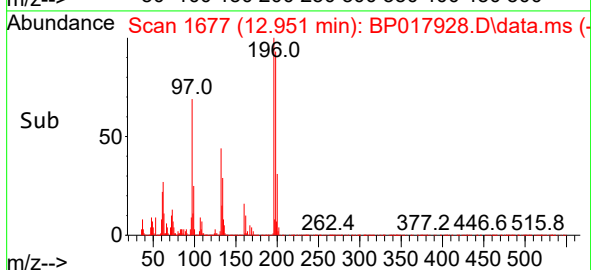
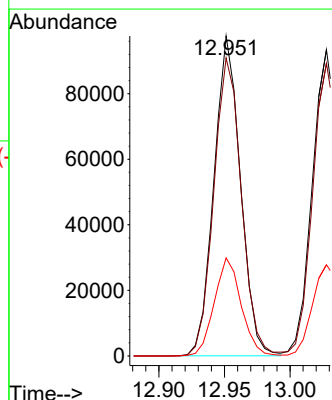
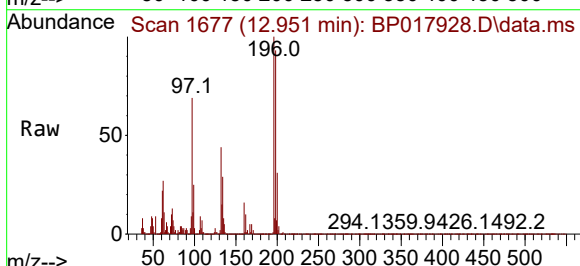
Instrument :
BNA_P
ClientSampleId :
SLCS841

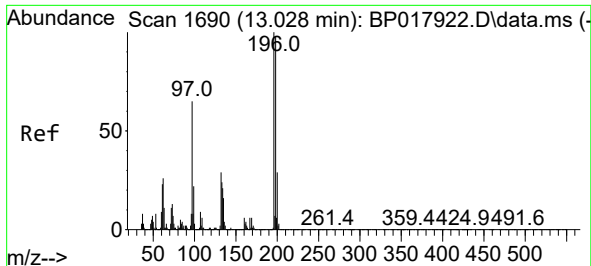
Tgt Ion:237 Resp: 89921
Ion Ratio Lower Upper
237 100
235 60.0 51.3 76.9
272 12.2 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 37.126 ng/ul
RT: 12.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:196 Resp: 137221
Ion Ratio Lower Upper
196 100
198 93.1 78.5 117.7
200 30.6 24.1 36.1

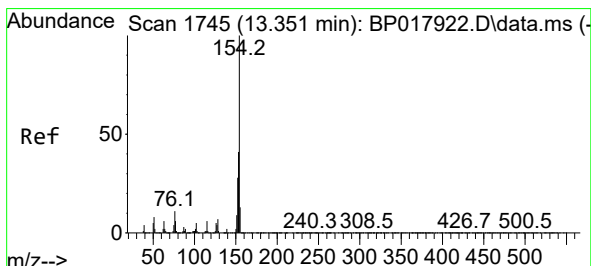
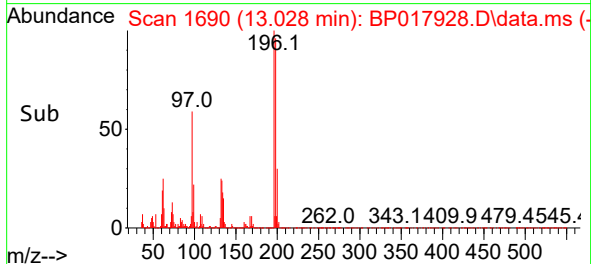
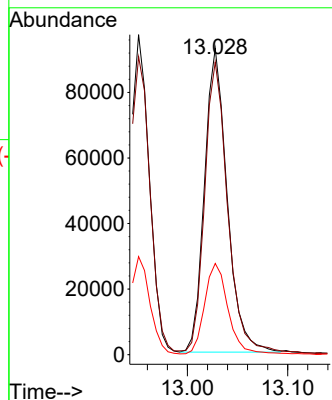
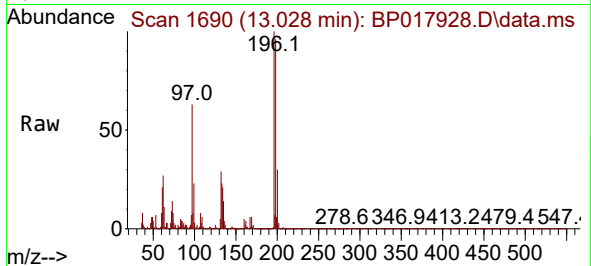




#42
2,4,5-Trichlorophenol
Concen: 38.323 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

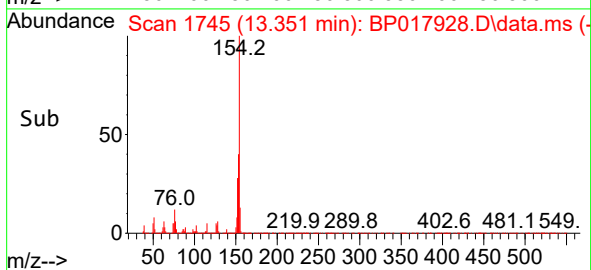
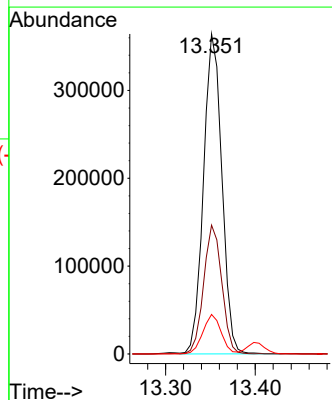
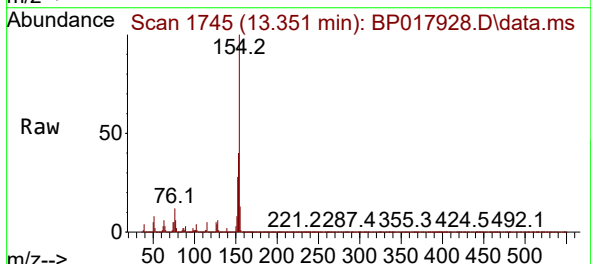
Instrument :
BNA_P
ClientSampleId :
SLCS841

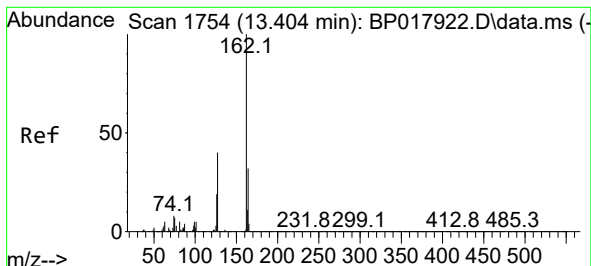
Tgt Ion:196 Resp: 145863
Ion Ratio Lower Upper
196 100
198 95.6 78.5 117.7
200 29.8 25.3 37.9



#43
1,1'-Biphenyl
Concen: 37.575 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:154 Resp: 517190
Ion Ratio Lower Upper
154 100
153 40.2 31.8 47.8
76 12.4 8.5 12.7





#44

2-Chloronaphthalene

Concen: 36.705 ng/ul

RT: 13.398 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

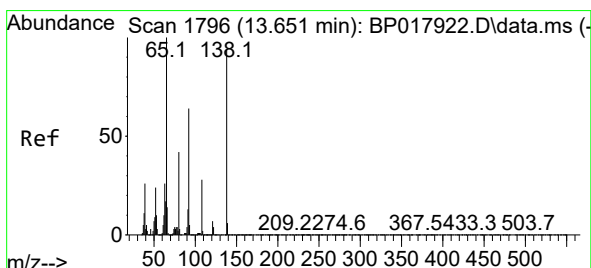
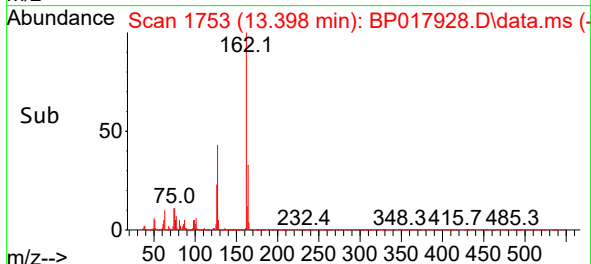
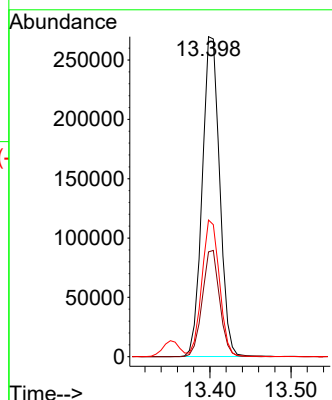
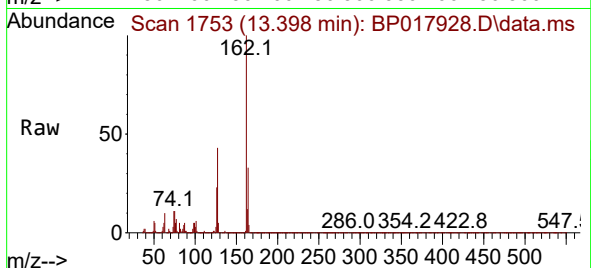
Tgt Ion:162 Resp: 402479

Ion Ratio Lower Upper

162 100

164 32.8 26.7 40.1

127 42.7 33.0 49.6



#45

2-Nitroaniline

Concen: 43.227 ng/ul

RT: 13.651 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

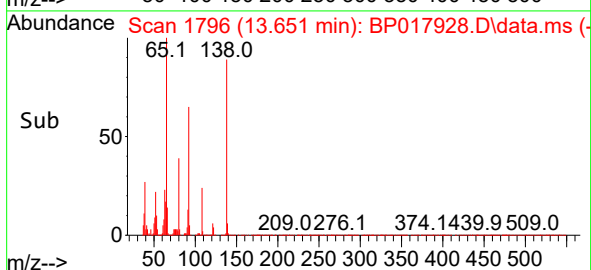
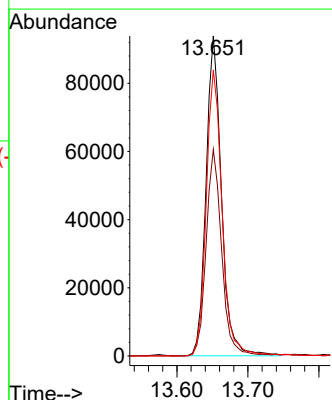
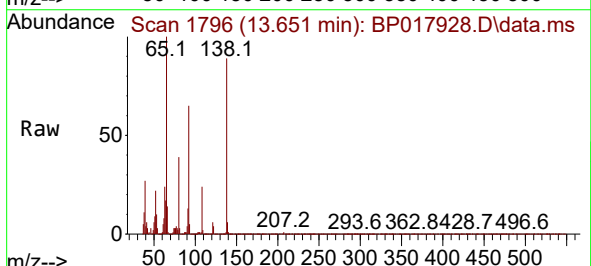
Tgt Ion: 65 Resp: 141926

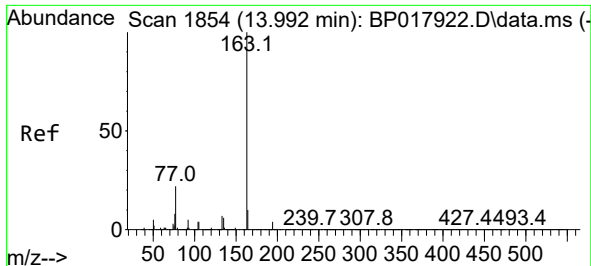
Ion Ratio Lower Upper

65 100

92 64.6 53.9 80.9

138 89.4 79.1 118.7





#47

Dimethylphthalate

Concen: 38.650 ng/ul

RT: 13.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

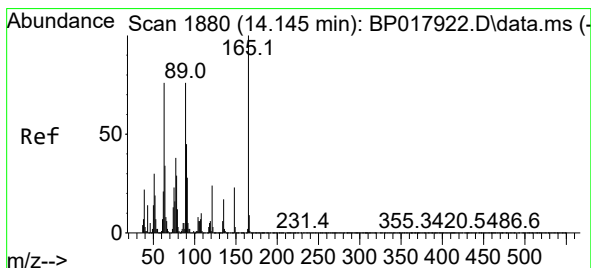
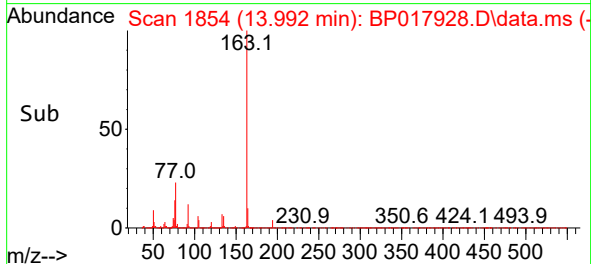
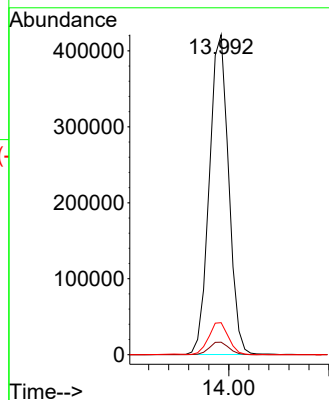
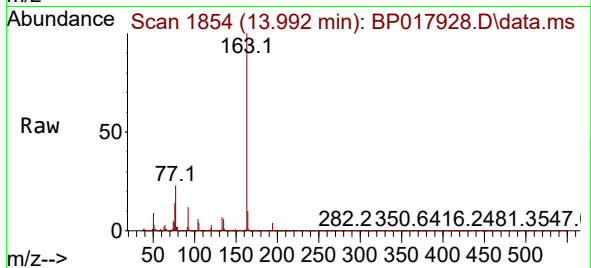
Tgt Ion:163 Resp: 564114

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.0 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 39.768 ng/ul

RT: 14.145 min Scan# 1880

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

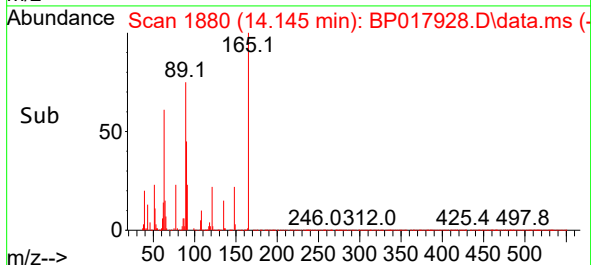
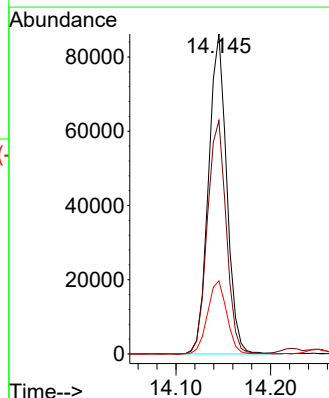
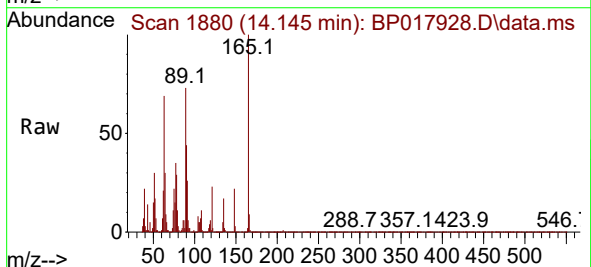
Tgt Ion:165 Resp: 115204

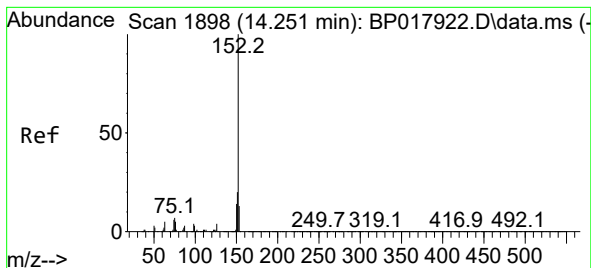
Ion Ratio Lower Upper

165 100

89 73.0 54.9 82.3

121 22.9 19.0 28.6

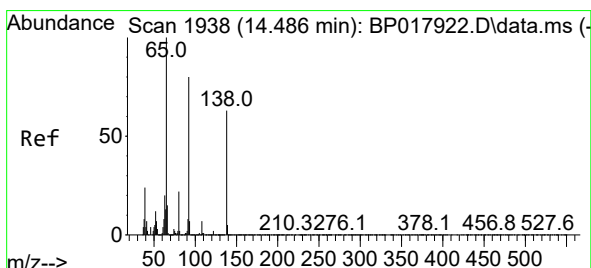
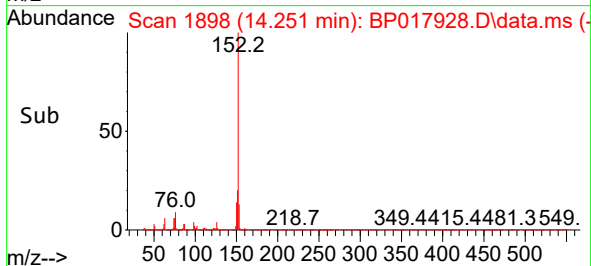
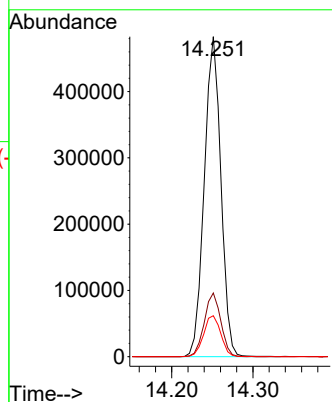
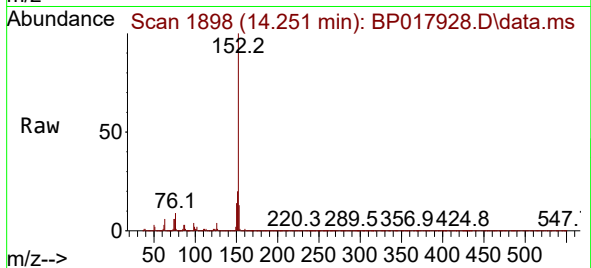




#50
Acenaphthylene
Concen: 37.597 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

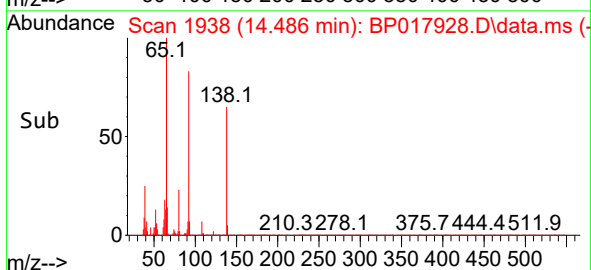
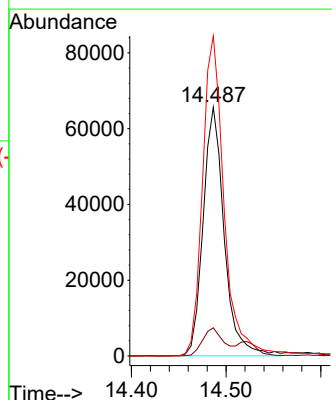
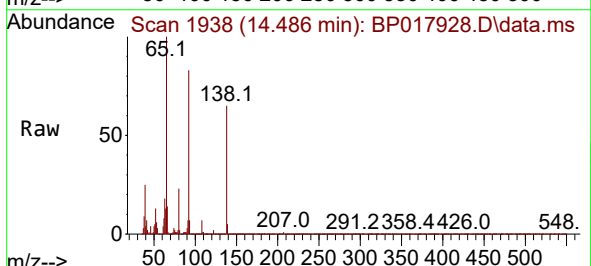
Instrument :
BNA_P
ClientSampleId :
SLCS841

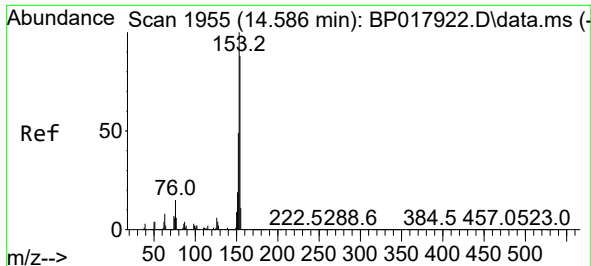
Tgt Ion:152 Resp: 683390
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.8 10.4 15.6



#51
3-Nitroaniline
Concen: 37.083 ng/ul
RT: 14.486 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:138 Resp: 101194
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 128.6 94.2 141.4

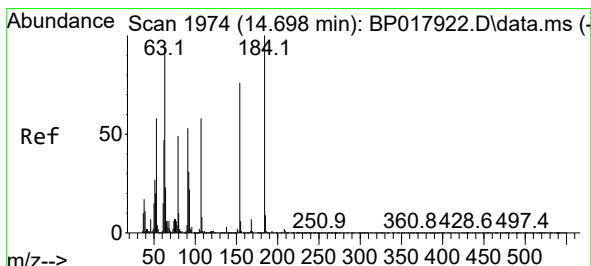
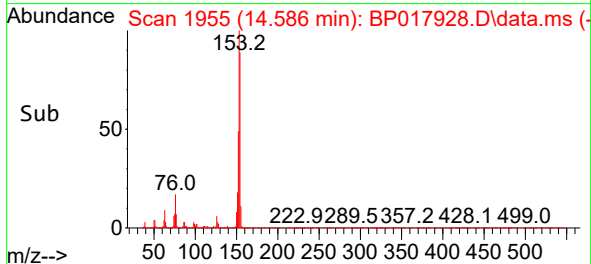
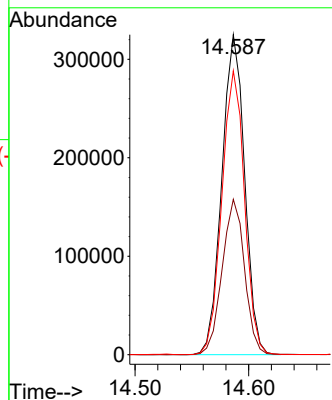
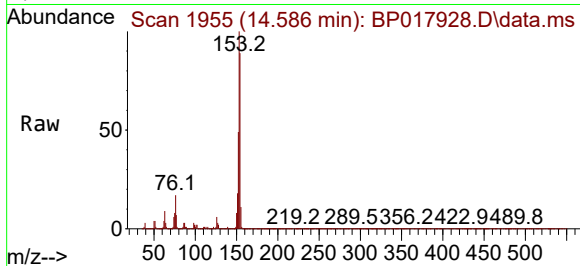




#52
Acenaphthene
Concen: 37.670 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

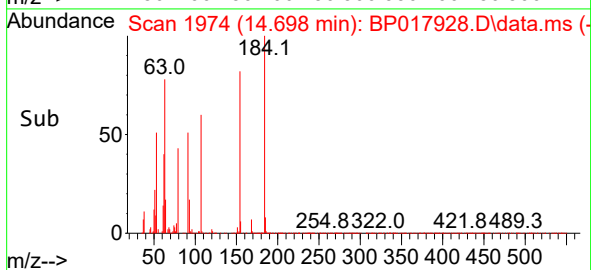
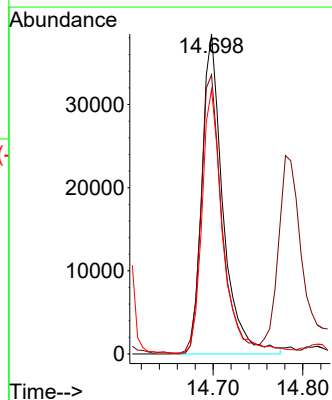
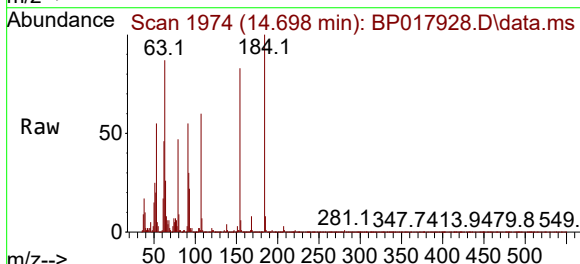
Instrument :
BNA_P
ClientSampleId :
SLCS841

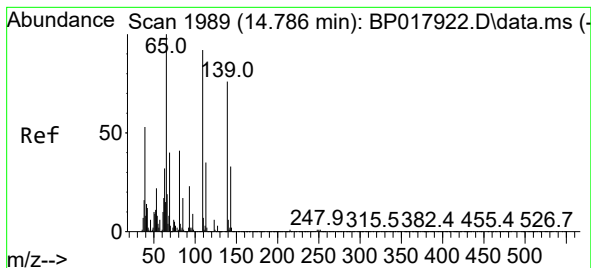
Tgt Ion:153 Resp: 453793
Ion Ratio Lower Upper
153 100
152 48.5 37.7 56.5
154 88.7 70.4 105.6



#53
2,4-Dinitrophenol
Concen: 36.676 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:184 Resp: 62539
Ion Ratio Lower Upper
184 100
63 87.2 54.5 81.7#
154 82.6 56.4 84.6

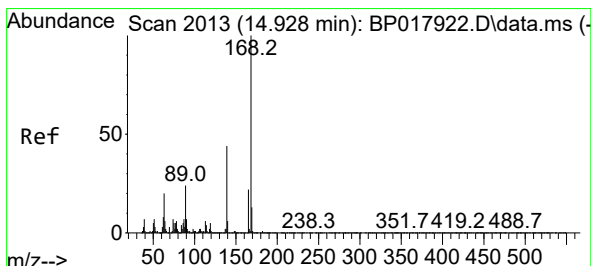
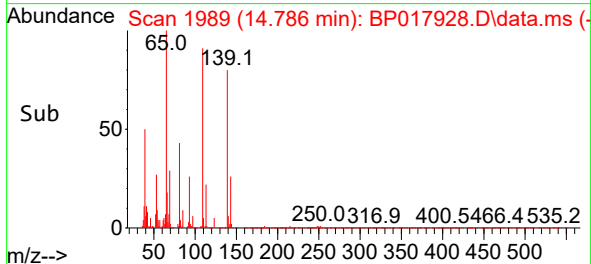
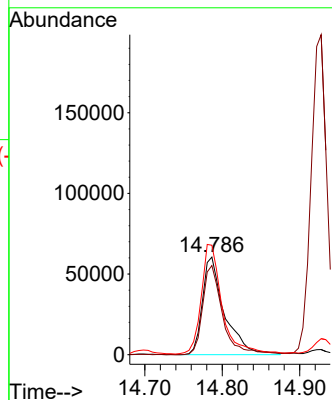
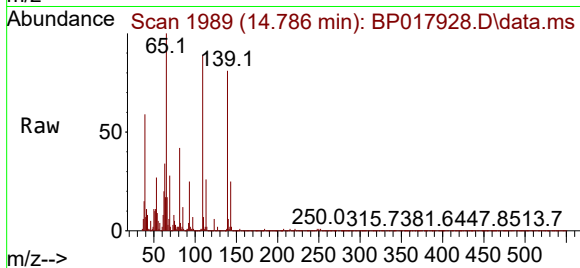




#55
4-Nitrophenol
Concen: 40.552 ng/ul
RT: 14.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

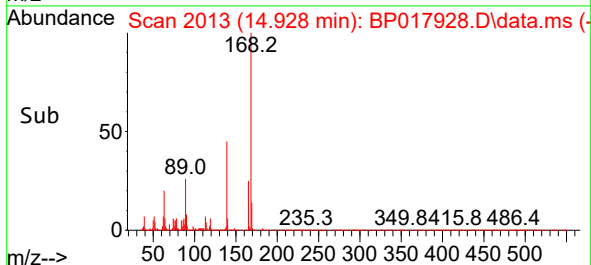
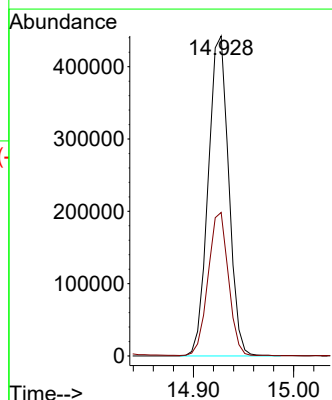
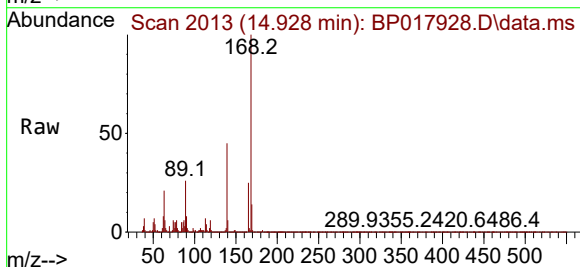
Instrument :
BNA_P
ClientSampleId :
SLCS841

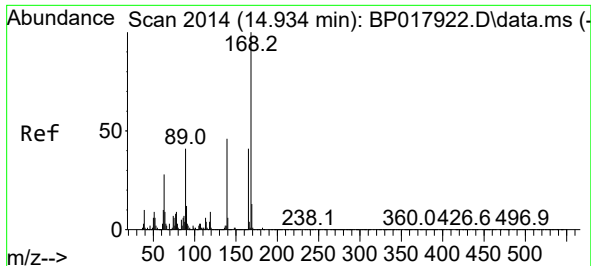
Tgt Ion:109 Resp: 119722
Ion Ratio Lower Upper
109 100
139 91.3 79.6 119.4
65 112.2 87.8 131.8



#56
Dibenzofuran
Concen: 37.727 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:168 Resp: 627790
Ion Ratio Lower Upper
168 100
139 44.8 33.8 50.6

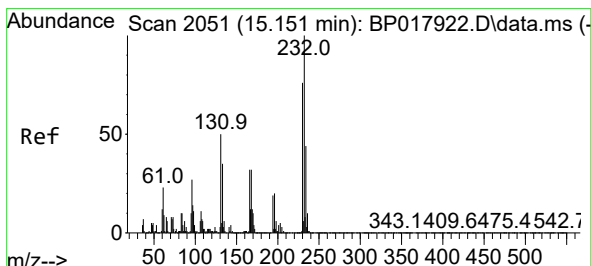
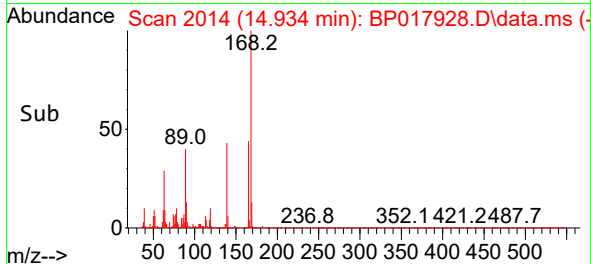
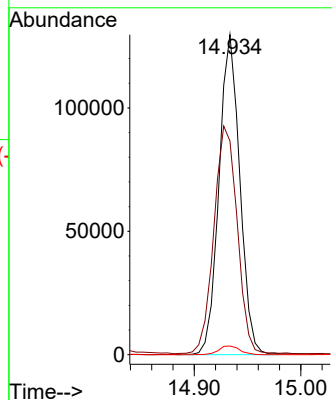
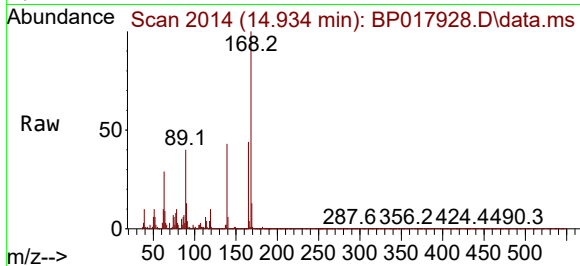




#57
2,4-Dinitrotoluene
Concen: 40.533 ng/ul
RT: 14.934 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

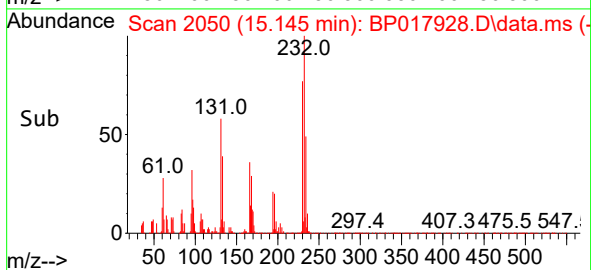
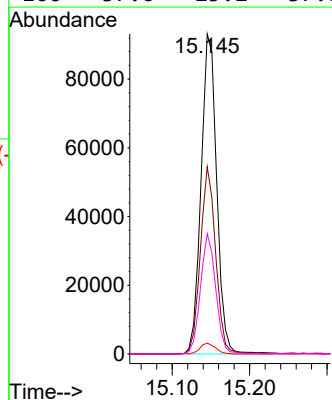
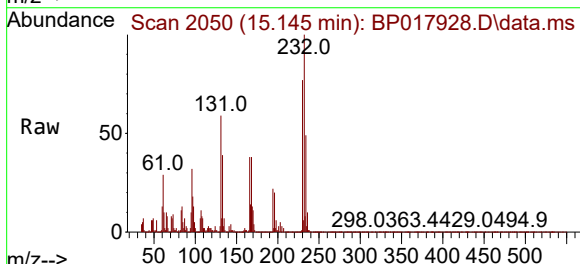
Instrument :
BNA_P
ClientSampleId :
SLCS841

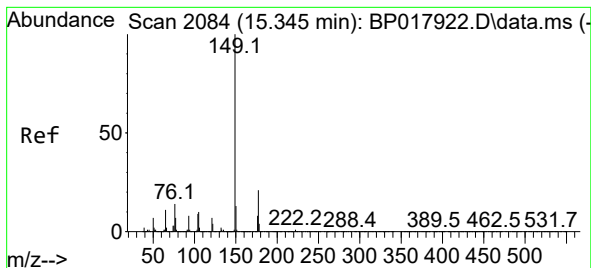
Tgt Ion:165 Resp: 175473
Ion Ratio Lower Upper
165 100
63 66.7 53.3 79.9
182 2.7 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.851 ng/ul
RT: 15.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:232 Resp: 130701
Ion Ratio Lower Upper
232 100
131 58.5 38.3 57.5#
130 3.4 2.2 3.4#
166 37.6 25.2 37.8





#59

Diethylphthalate

Concen: 39.977 ng/ul

RT: 15.345 min Scan# 2084

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

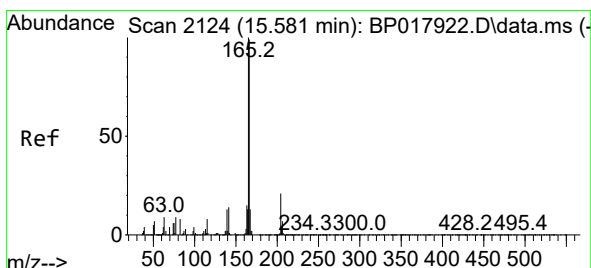
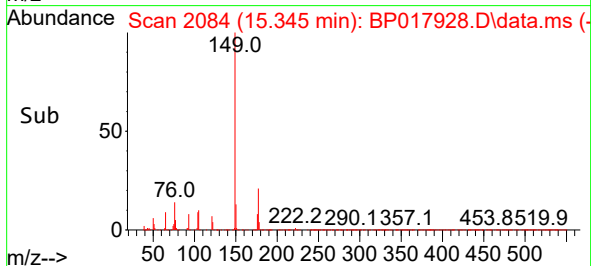
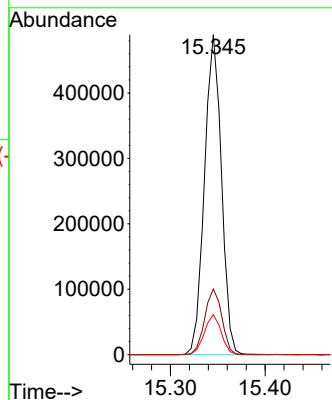
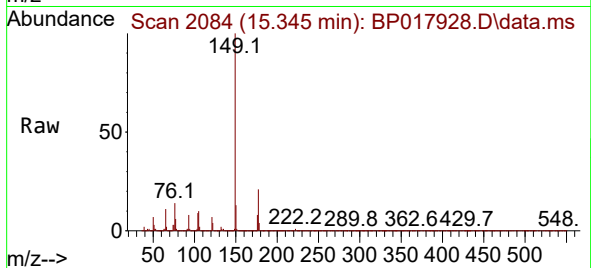
Tgt Ion:149 Resp: 607957

Ion Ratio Lower Upper

149 100

177 20.6 16.4 24.6

150 12.5 9.7 14.5



#61

Fluorene

Concen: 38.271 ng/ul

RT: 15.575 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

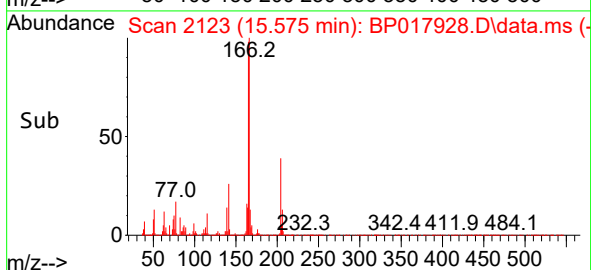
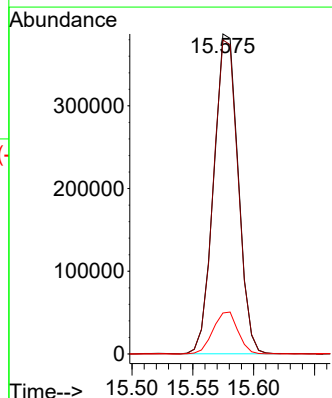
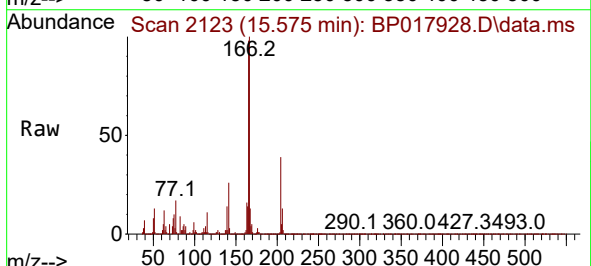
Tgt Ion:166 Resp: 539220

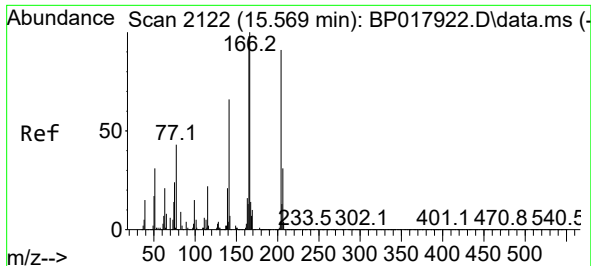
Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.6

167 12.8 10.9 16.3

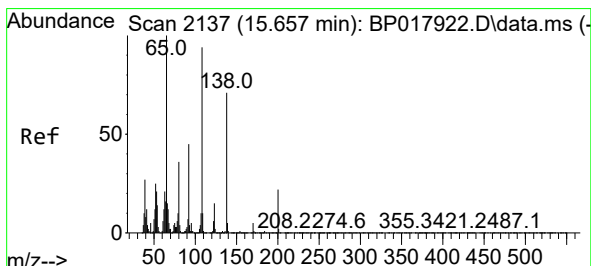
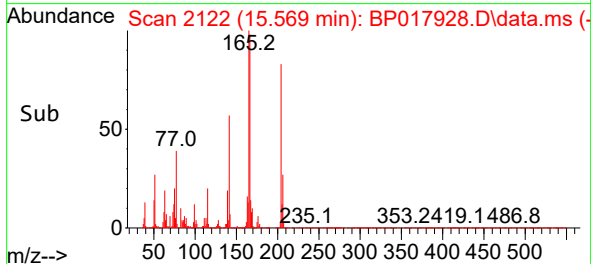
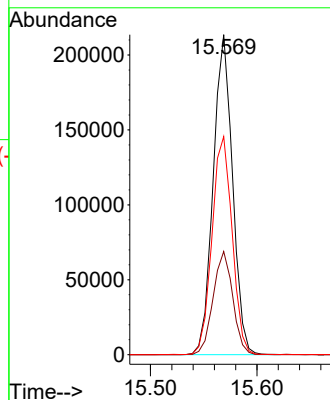
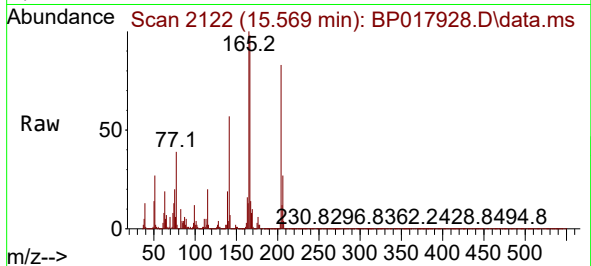




#62
4-Chlorophenyl-phenylether
Concen: 36.892 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

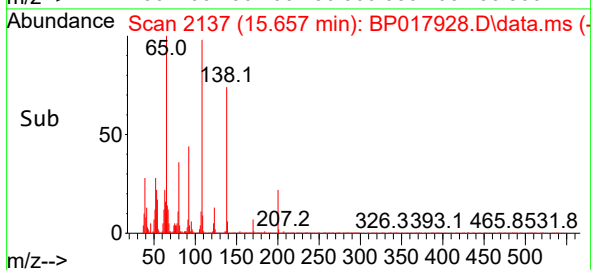
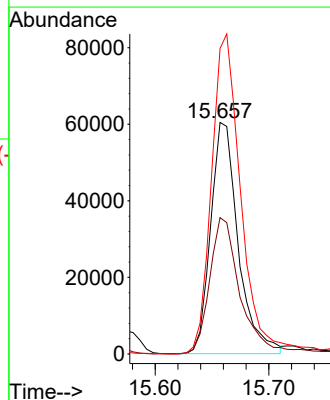
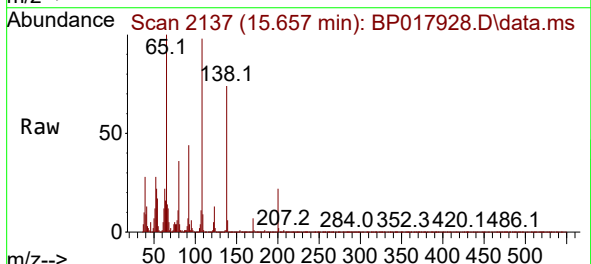
Instrument :
BNA_P
ClientSampleId :
SLCS841

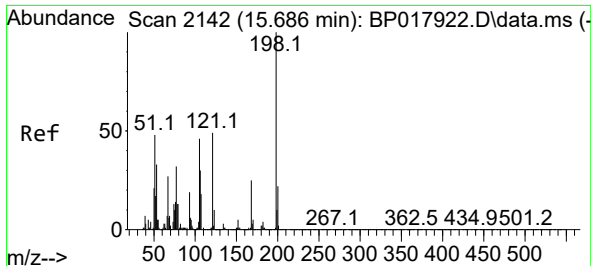
Tgt Ion:204 Resp: 268997
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 68.2 53.6 80.4



#63
4-Nitroaniline
Concen: 39.435 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:138 Resp: 101806
Ion Ratio Lower Upper
138 100
92 58.9 45.4 68.2
108 132.0 103.1 154.7

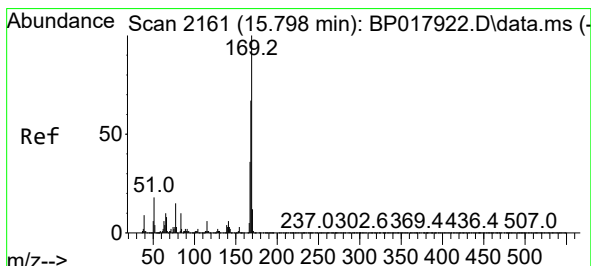
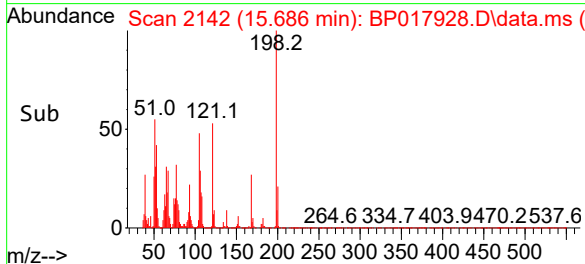
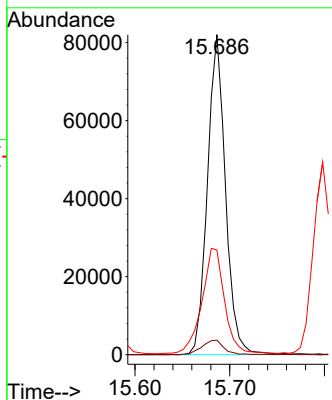
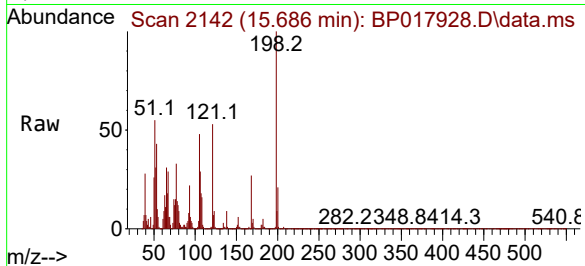




#66
4,6-Dinitro-2-methylphenol
Concen: 36.944 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

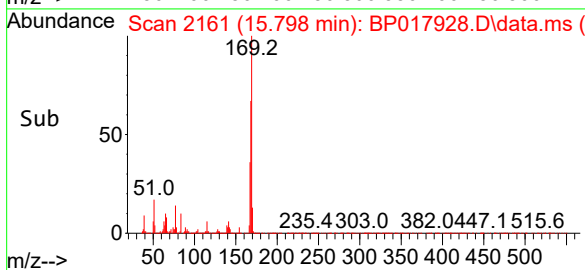
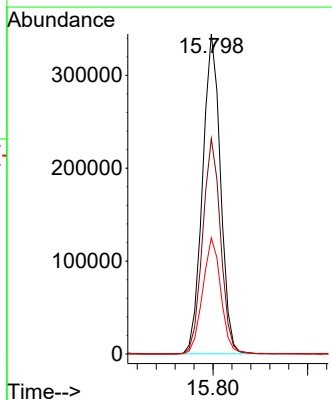
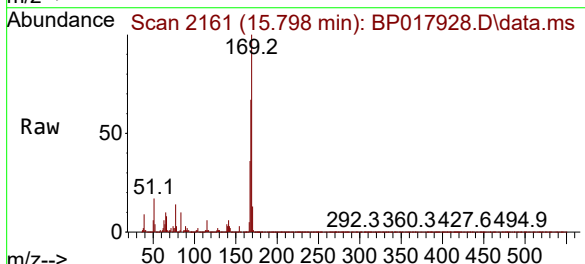
Instrument :
BNA_P
ClientSampleId :
SLCS841

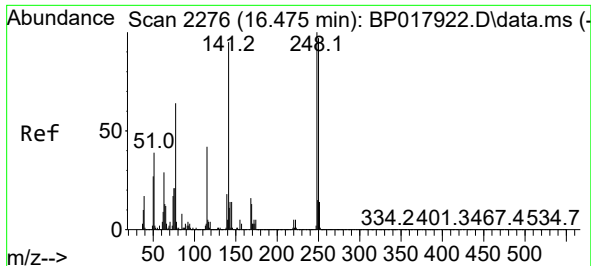
Tgt Ion:198 Resp: 108425
Ion Ratio Lower Upper
198 100
182 4.6 4.4 6.6
77 32.7 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 38.214 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:169 Resp: 451813
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 36.2 28.0 42.0

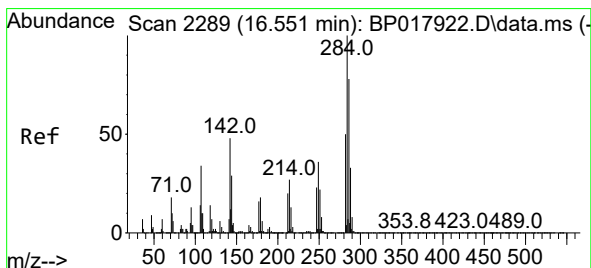
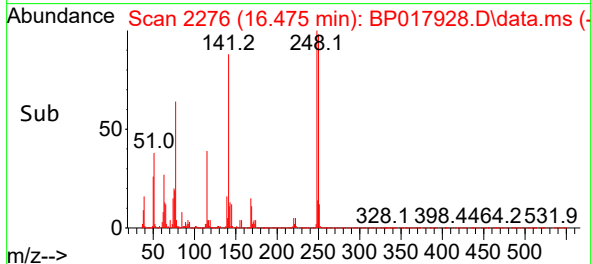
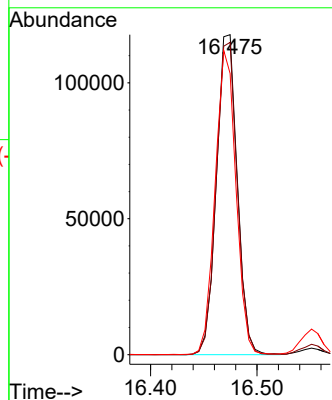
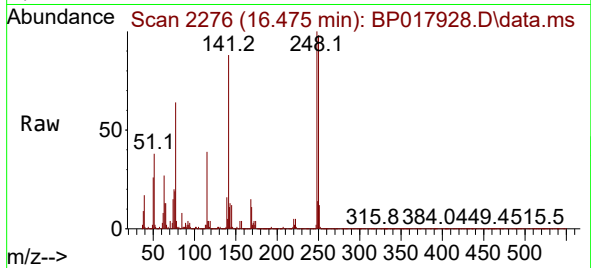




#68
4-Bromophenyl-phenylether
Concen: 35.333 ng/ul
RT: 16.475 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

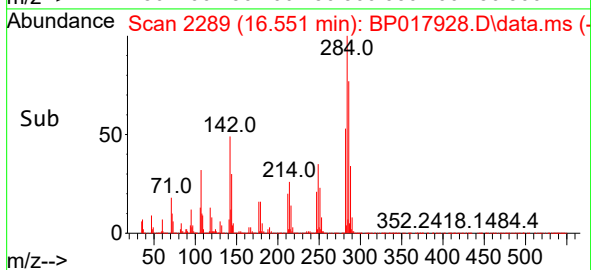
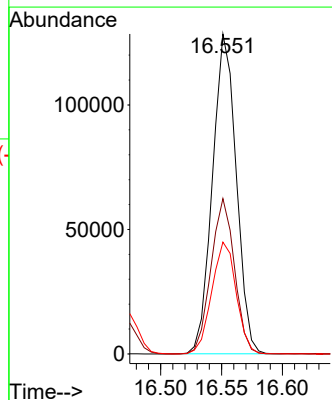
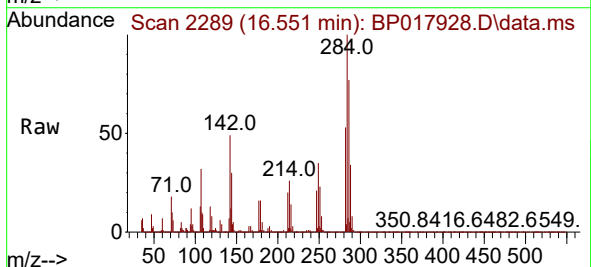
Instrument :
BNA_P
ClientSampleId :
SLCS841

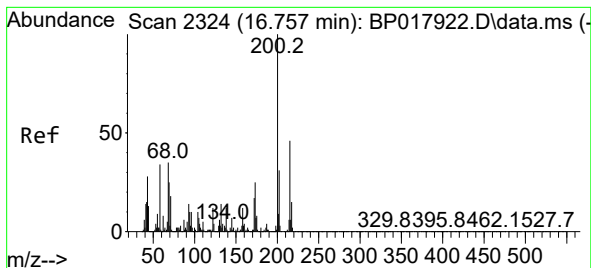
Tgt Ion:248 Resp: 159830
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 87.8 62.4 93.6



#69
Hexachlorobenzene
Concen: 33.610 ng/ul
RT: 16.551 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BP017928.D
Acq: 07 Nov 2023 17:09

Tgt Ion:284 Resp: 174511
Ion Ratio Lower Upper
284 100
142 48.5 29.0 43.6#
249 34.9 25.8 38.6





#70

Atrazine

Concen: 37.626 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

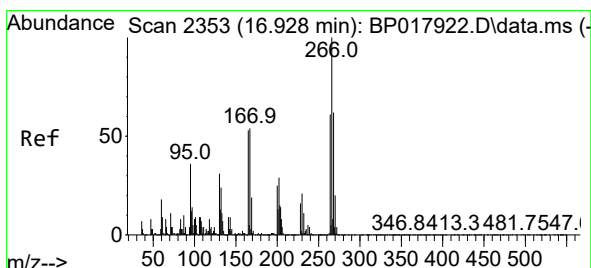
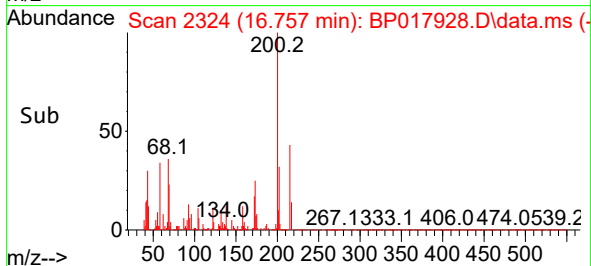
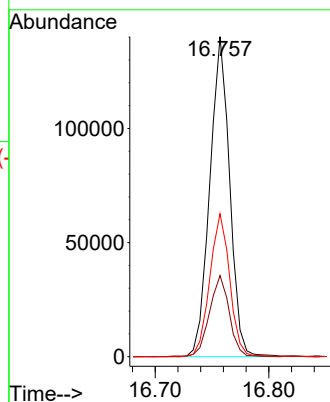
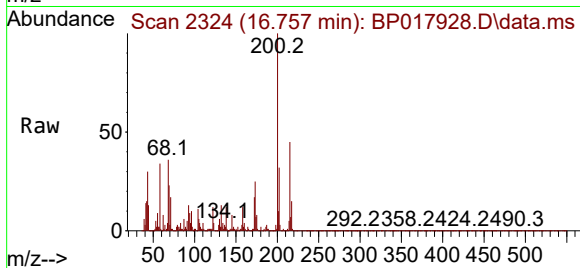
Tgt Ion:200 Resp: 169904

Ion Ratio Lower Upper

200 100

173 25.4 20.2 30.4

215 44.6 37.7 56.5



#71

Pentachlorophenol

Concen: 35.167 ng/ul

RT: 16.928 min Scan# 2353

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

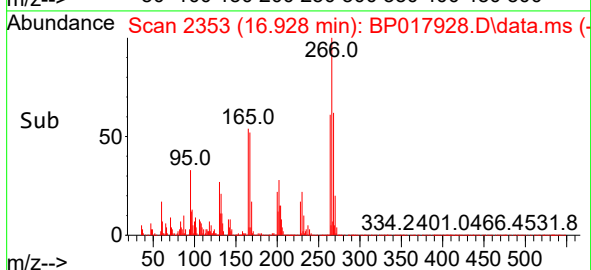
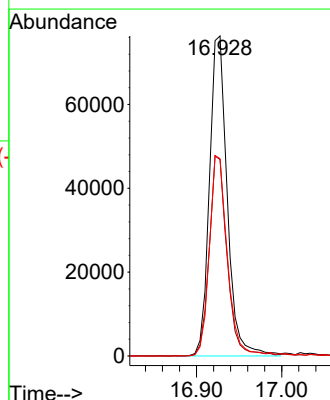
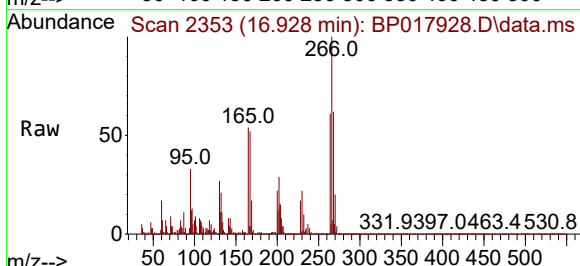
Tgt Ion:266 Resp: 110912

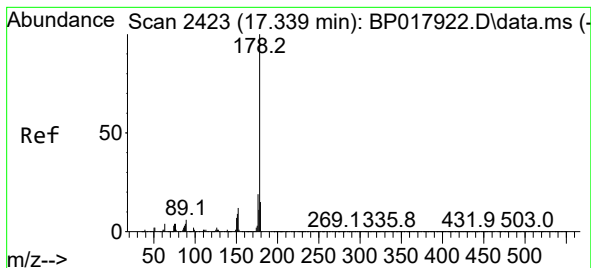
Ion Ratio Lower Upper

266 100

264 61.3 53.8 80.6

268 61.6 52.4 78.6





#72

Phenanthrene

Concen: 38.403 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

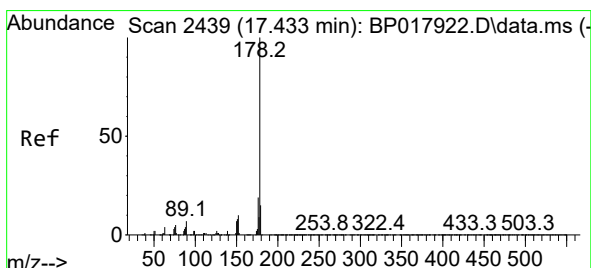
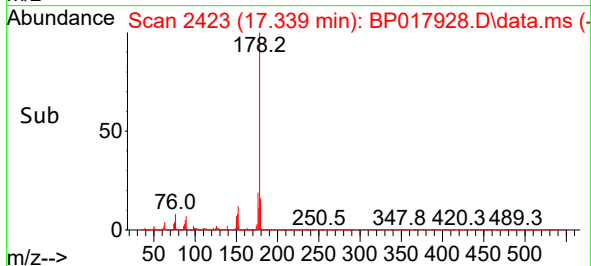
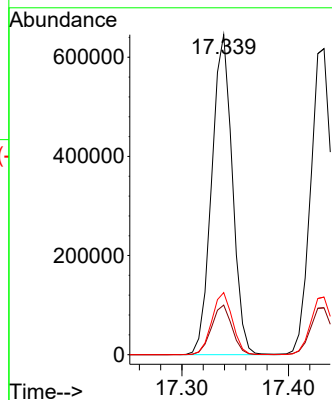
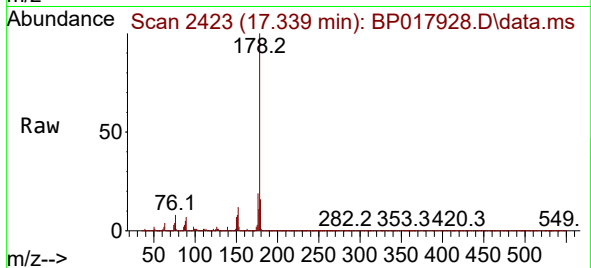
Tgt Ion:178 Resp: 867443

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.4 15.2 22.8



#74

Anthracene

Concen: 37.926 ng/ul

RT: 17.433 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

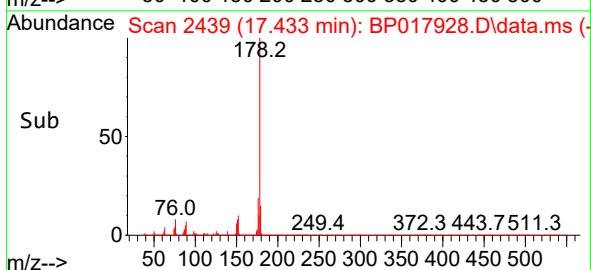
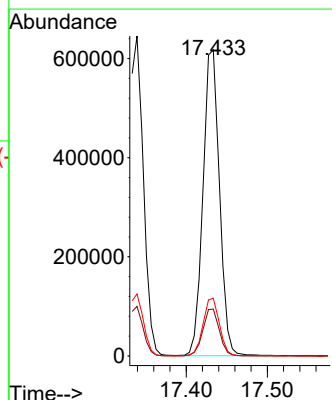
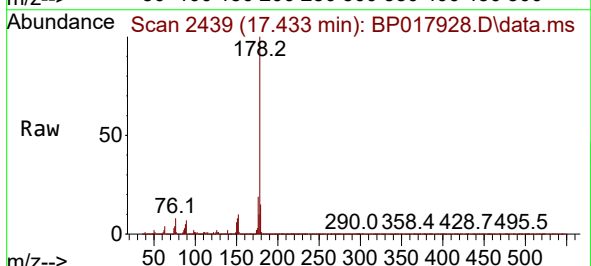
Tgt Ion:178 Resp: 870782

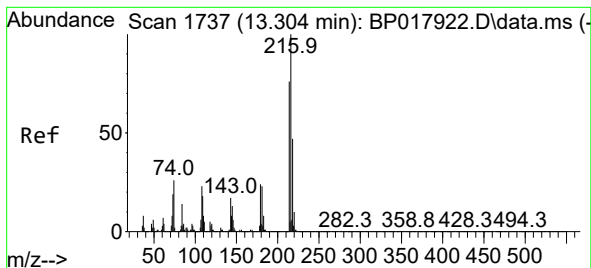
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.8 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.328 ng/uL

RT: 13.304 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

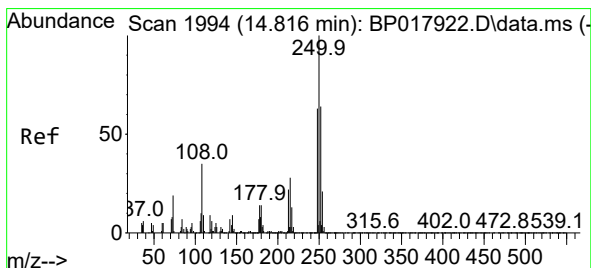
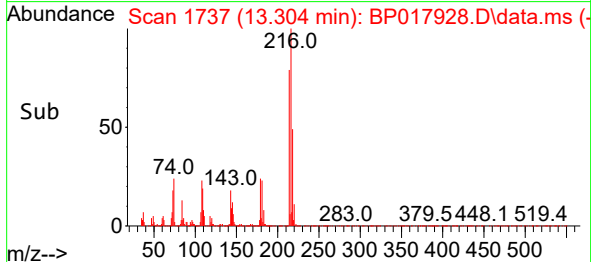
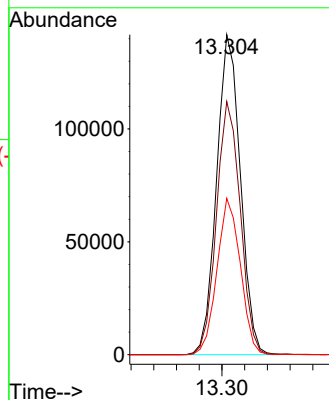
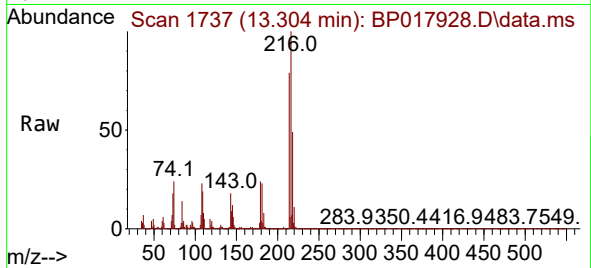
Tgt Ion:216 Resp: 206670

Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

218 48.9 39.8 59.6



#76

Pentachlorobenzene

Concen: 34.446 ng/uL

RT: 14.816 min Scan# 1994

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

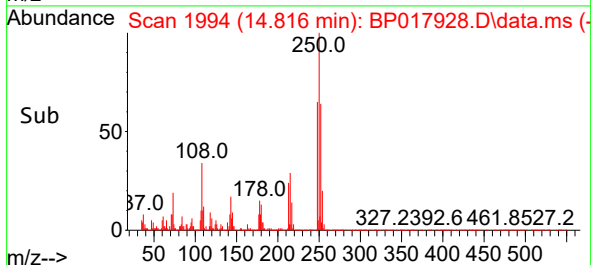
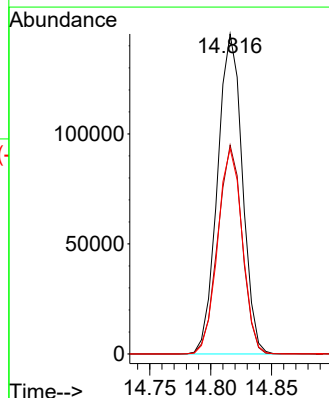
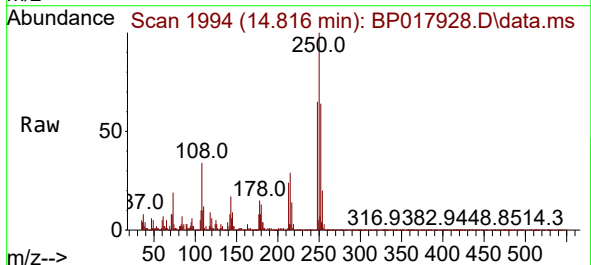
Tgt Ion:250 Resp: 206947

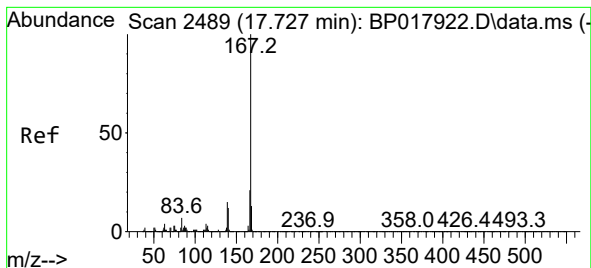
Ion Ratio Lower Upper

250 100

248 65.2 48.5 72.7

252 64.1 50.2 75.4





#77

Carbazole

Concen: 38.799 ng/ul

RT: 17.727 min Scan# 2489

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

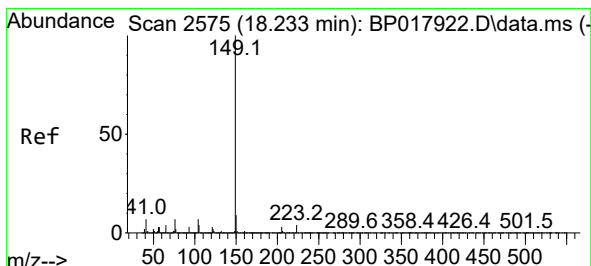
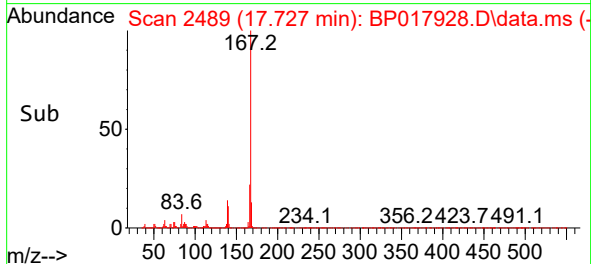
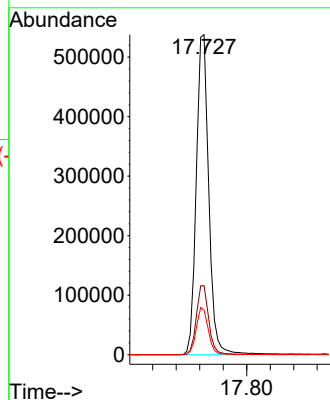
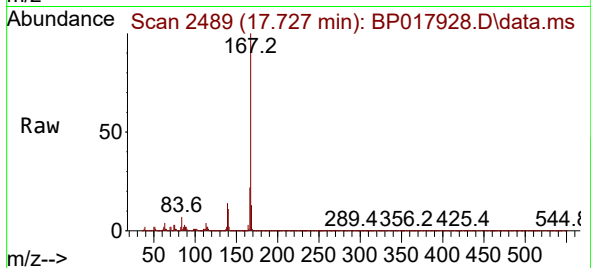
Tgt Ion:167 Resp: 794377

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 13.9 11.0 16.4



#78

Di-n-butylphthalate

Concen: 42.269 ng/ul

RT: 18.227 min Scan# 2574

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

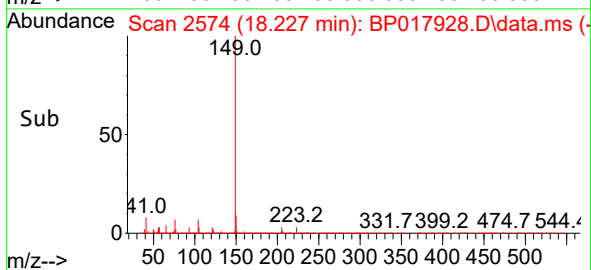
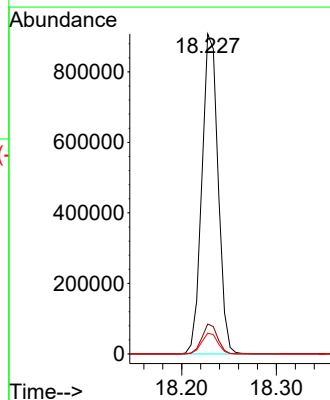
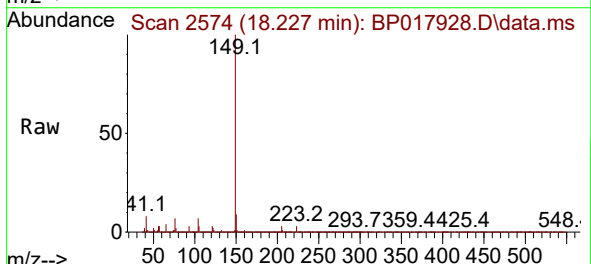
Tgt Ion:149 Resp: 1076826

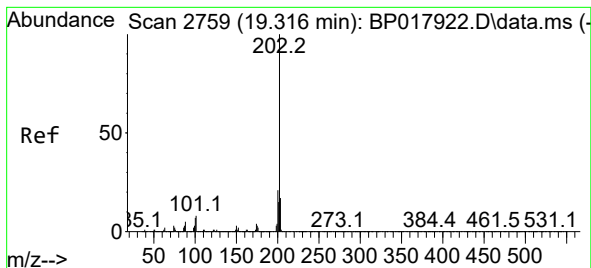
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 6.5 5.0 7.6





#80

Fluoranthene

Concen: 38.515 ng/ul

RT: 19.316 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

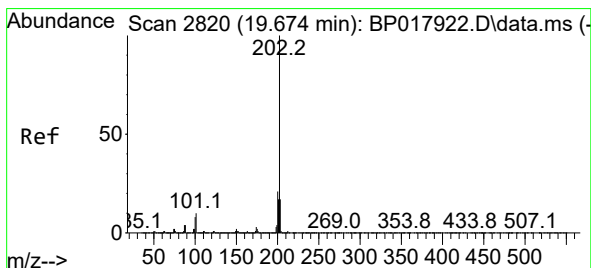
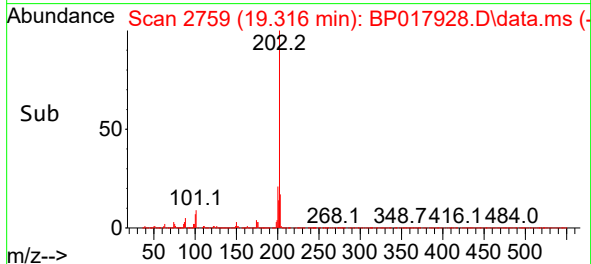
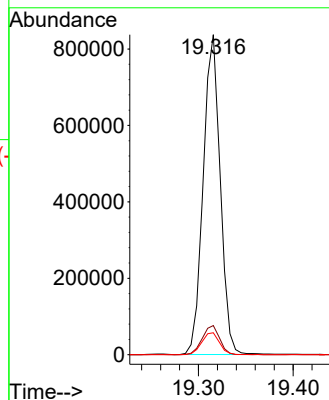
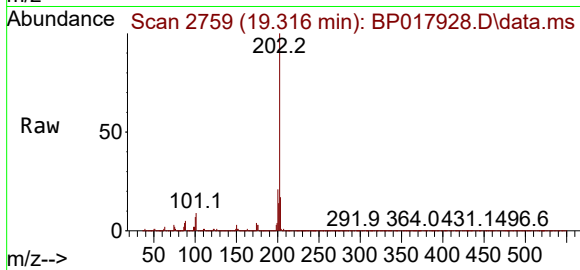
Tgt Ion:202 Resp: 1044248

Ion Ratio Lower Upper

202 100

101 9.1 7.1 10.7

100 6.9 5.3 7.9



#82

Pyrene

Concen: 38.725 ng/ul

RT: 19.674 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

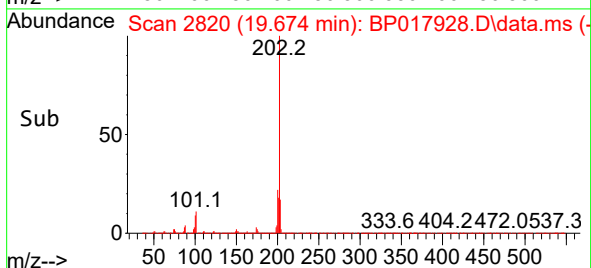
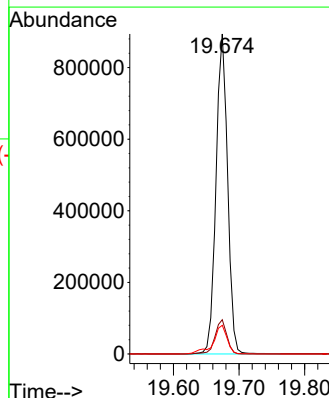
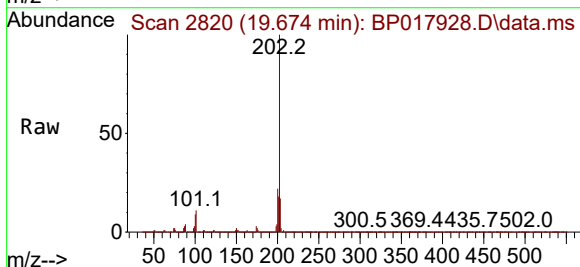
Tgt Ion:202 Resp: 1095123

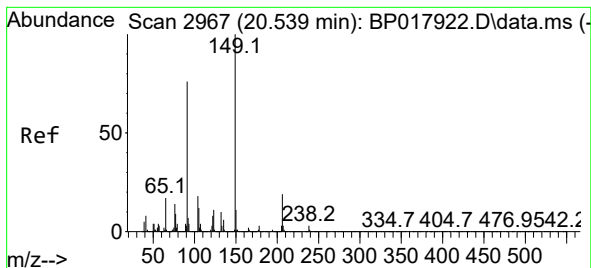
Ion Ratio Lower Upper

202 100

101 10.7 8.6 12.8

100 8.9 7.3 10.9





#83

Butylbenzylphthalate

Concen: 40.715 ng/ul

RT: 20.539 min Scan# 2967

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

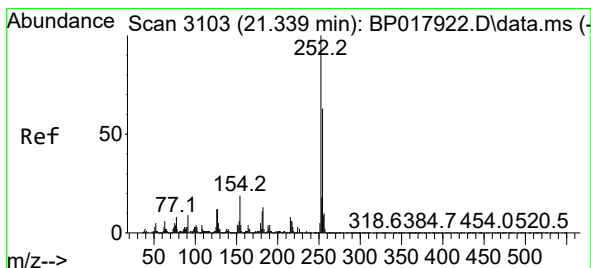
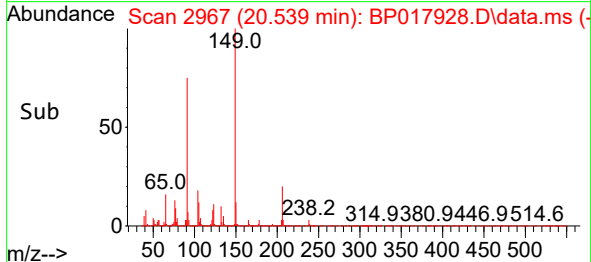
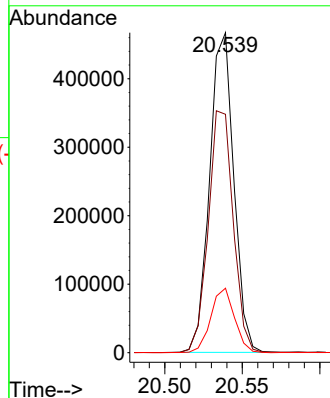
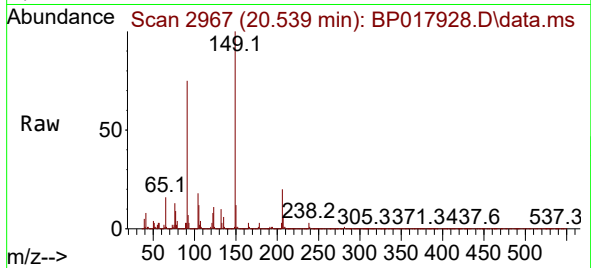
Tgt Ion:149 Resp: 506587

Ion Ratio Lower Upper

149 100

91 74.5 60.4 90.6

206 20.2 15.3 22.9



#84

3,3'-Dichlorobenzidine

Concen: 35.064 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

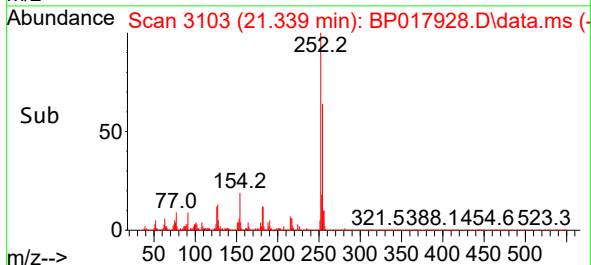
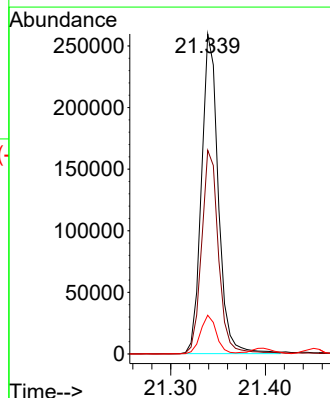
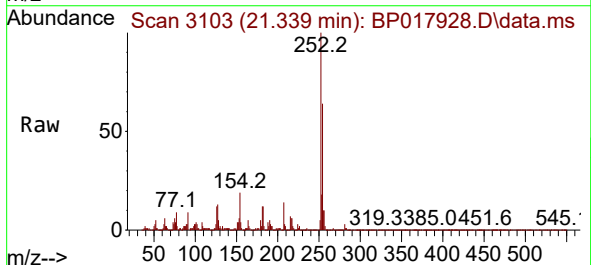
Tgt Ion:252 Resp: 320792

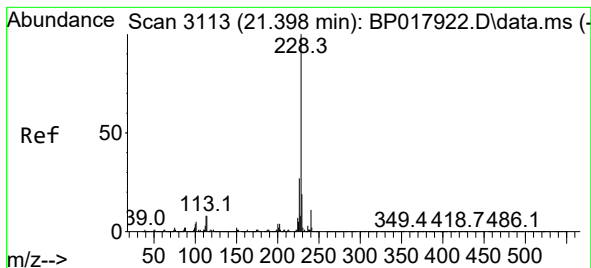
Ion Ratio Lower Upper

252 100

254 63.7 50.7 76.1

126 12.1 7.9 11.9#





#85

Benzo(a)anthracene

Concen: 38.668 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

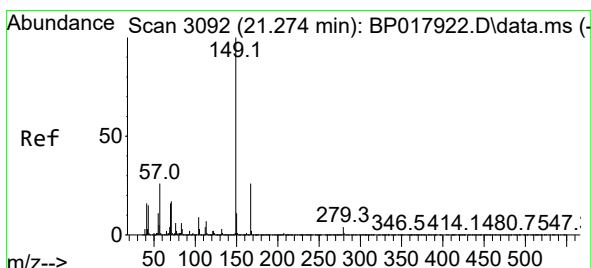
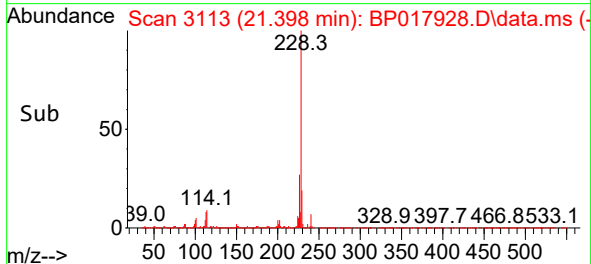
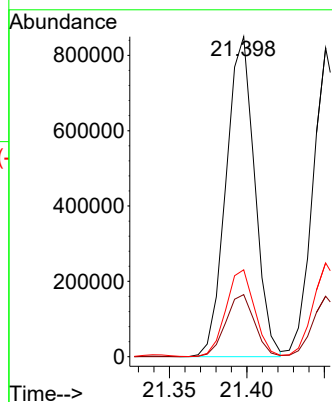
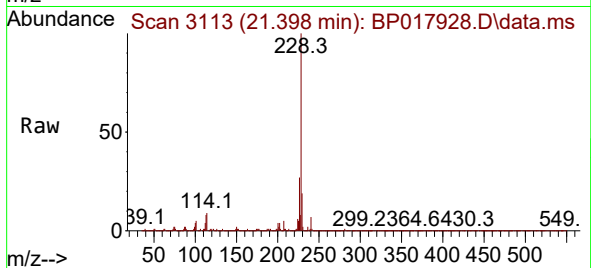
Tgt Ion:228 Resp: 1089828

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.2

226 27.2 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.242 ng/ul

RT: 21.274 min Scan# 3092

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

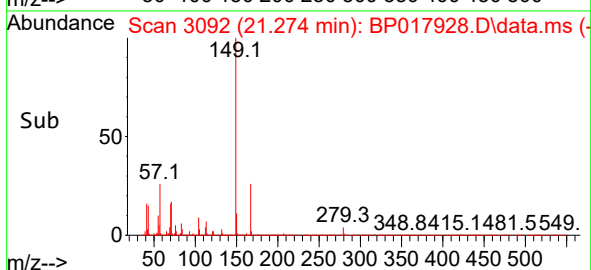
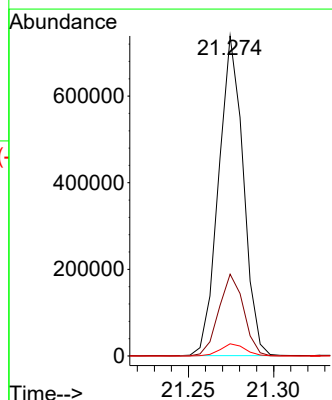
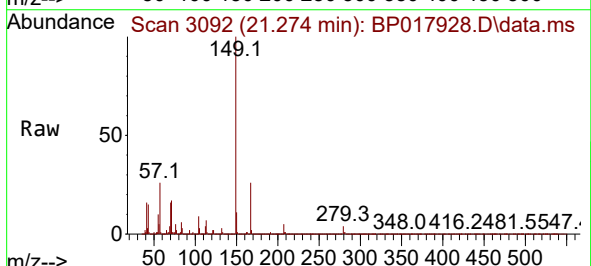
Tgt Ion:149 Resp: 743054

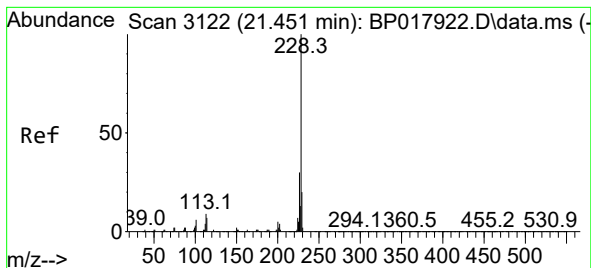
Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.6

279 3.8 3.0 4.6





#87

Chrysene

Concen: 38.984 ng/ul

RT: 21.451 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

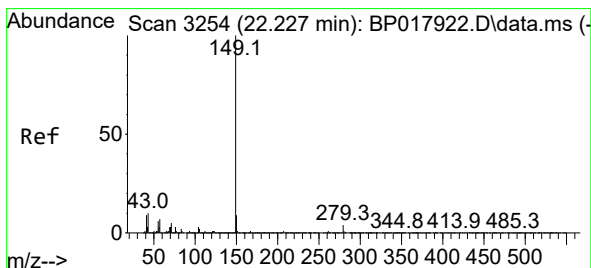
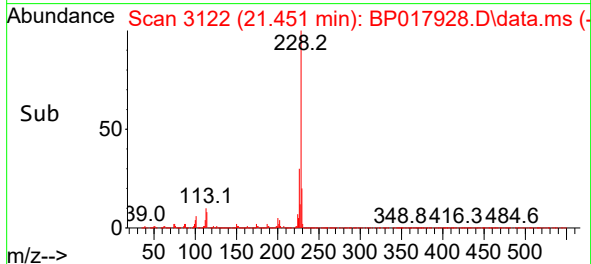
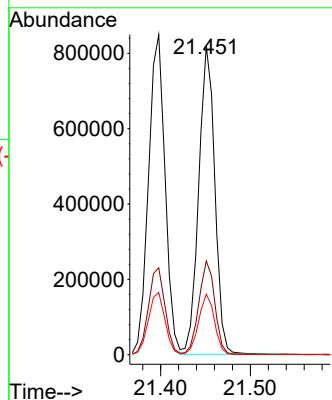
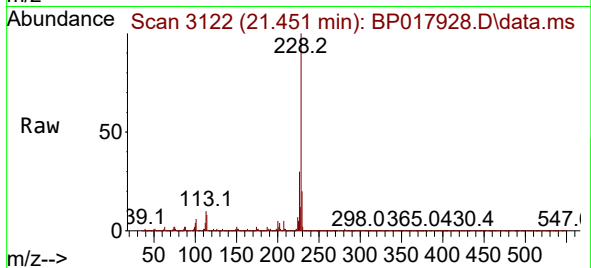
Tgt Ion:228 Resp: 1018890

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 39.356 ng/ul

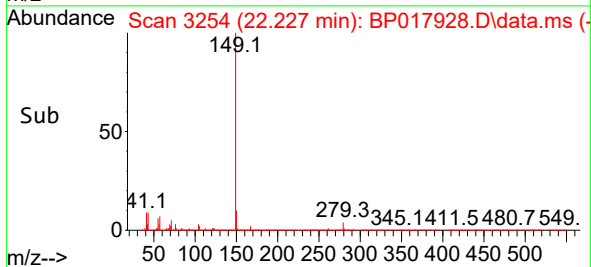
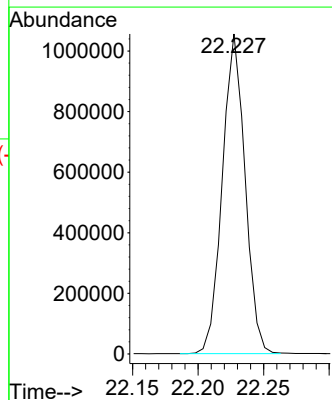
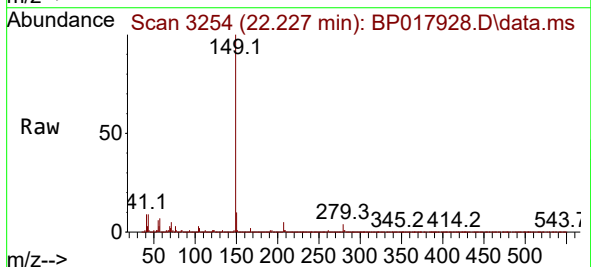
RT: 22.227 min Scan# 3254

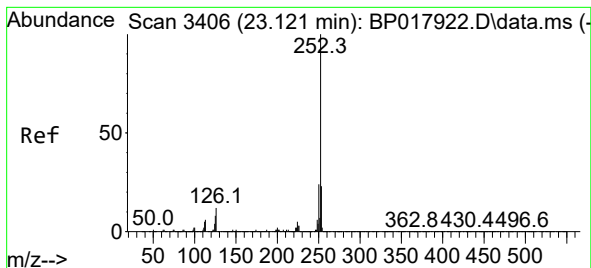
Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Tgt Ion:149 Resp: 1270070





#90

Benzo(b)fluoranthene

Concen: 40.399 ng/ul

RT: 23.121 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

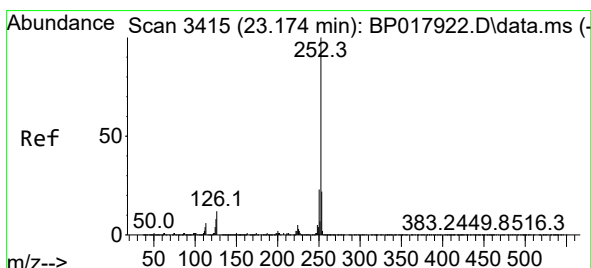
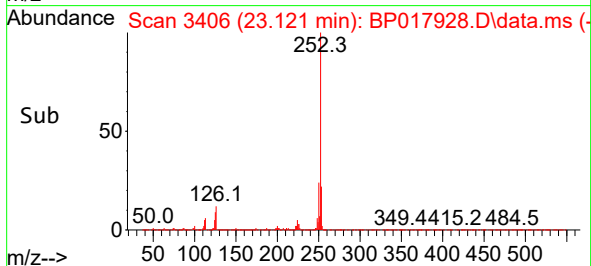
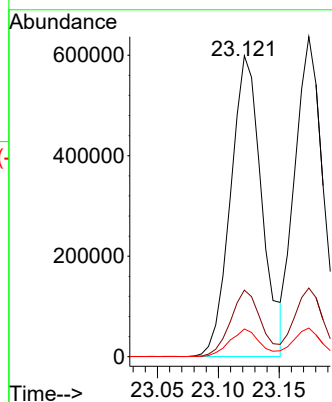
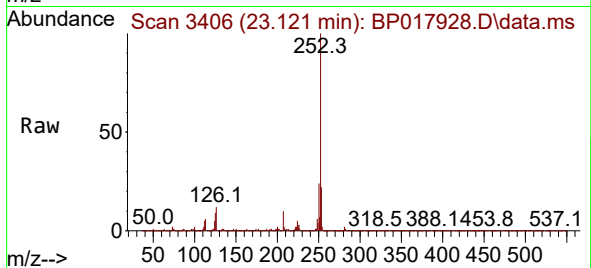
Tgt Ion:252 Resp: 1065420

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 9.2 6.6 10.0



#91

Benzo(k)fluoranthene

Concen: 38.245 ng/ul

RT: 23.174 min Scan# 3415

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

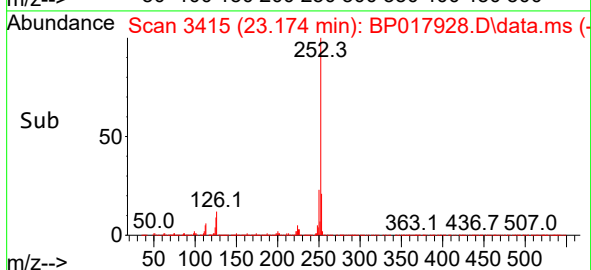
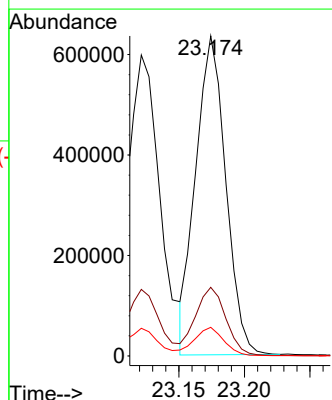
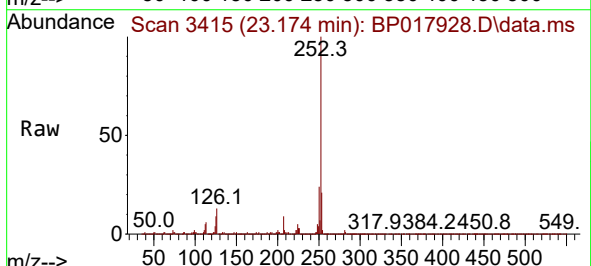
Tgt Ion:252 Resp: 1011460

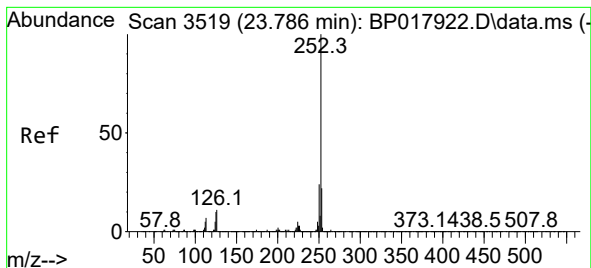
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 9.0 7.0 10.6





#93

Benzo(a)pyrene

Concen: 39.856 ng/ul

RT: 23.786 min Scan# 3519

Delta R.T. 0.006 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

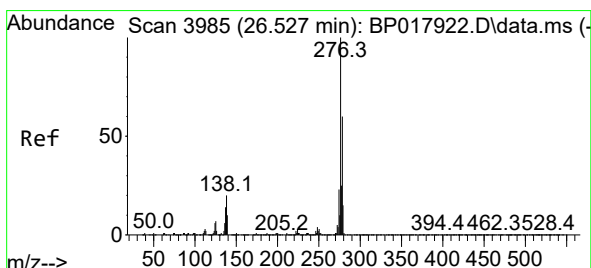
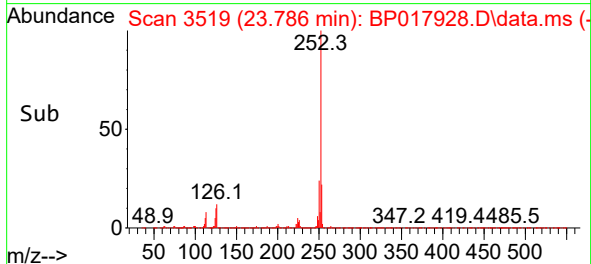
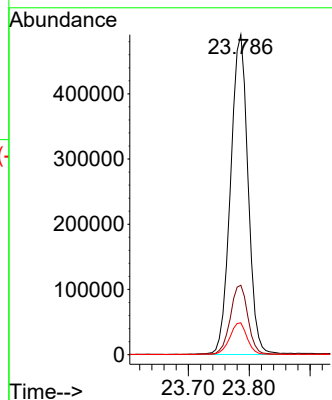
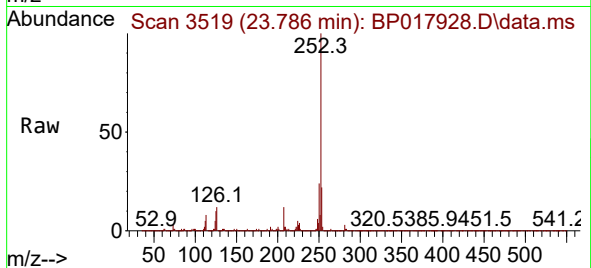
Tgt Ion:252 Resp: 977122

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.0 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.346 ng/ul

RT: 26.527 min Scan# 3985

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

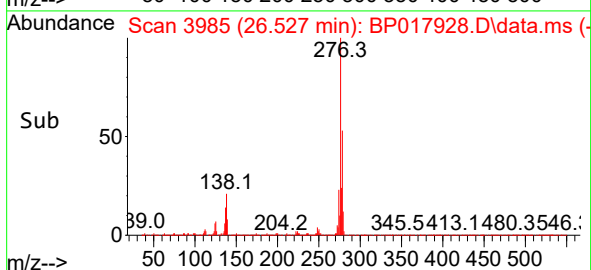
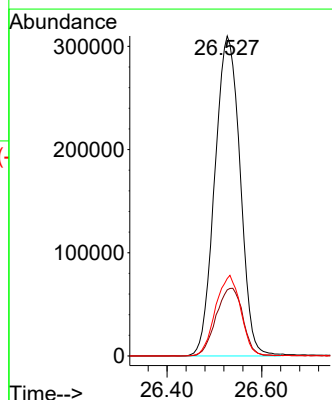
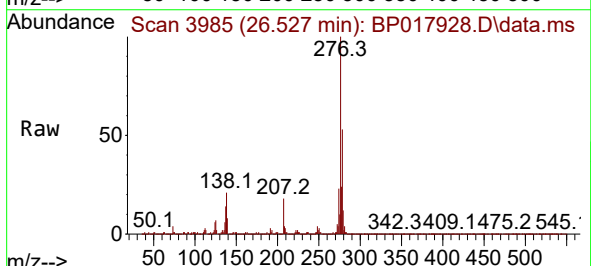
Tgt Ion:276 Resp: 1148910

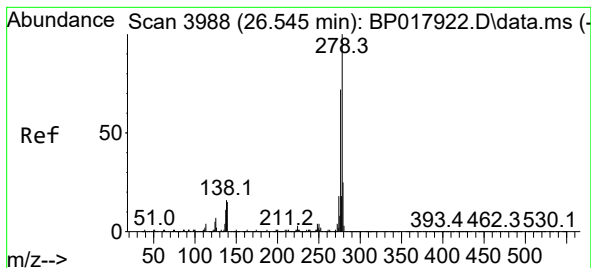
Ion Ratio Lower Upper

276 100

138 20.7 15.9 23.9

277 24.2 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 39.365 ng/ul

RT: 26.551 min Scan# 3988

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Instrument :

BNA_P

ClientSampleId :

SLCS841

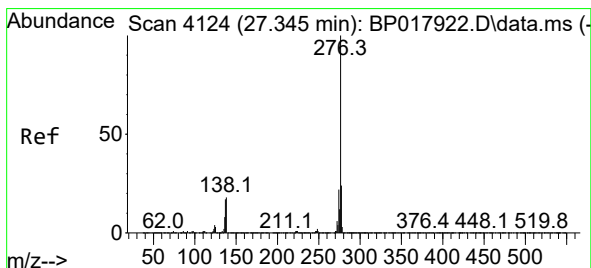
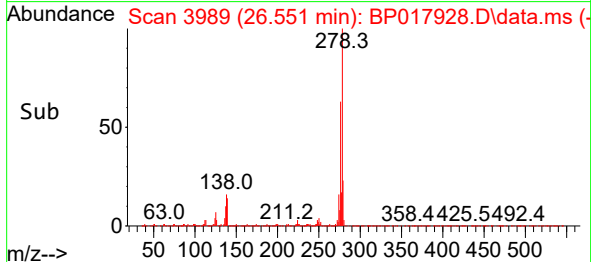
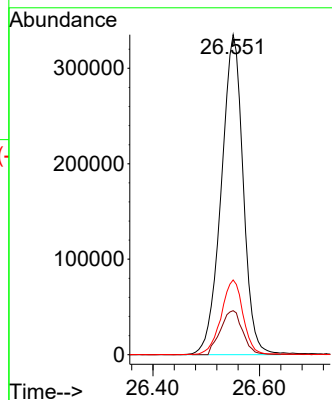
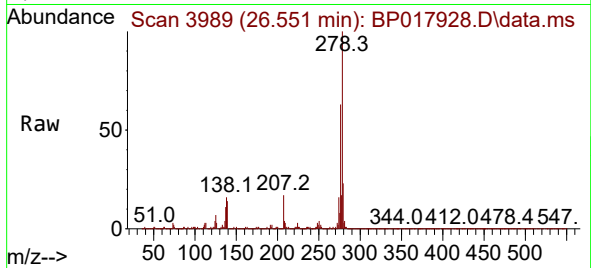
Tgt Ion:278 Resp: 956192

Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.4

279 23.4 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 39.602 ng/ul

RT: 27.351 min Scan# 4125

Delta R.T. -0.000 min

Lab File: BP017928.D

Acq: 07 Nov 2023 17:09

Tgt Ion:276 Resp: 920624

Ion Ratio Lower Upper

276 100

138 18.9 14.7 22.1

277 22.4 19.2 28.8

