

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018749.D
 Acq On : 12 Dec 2023 03:53
 Operator : MA/JU
 Sample : PB157493BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS493

Quant Time: Dec 12 04:22:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	159614	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	609983	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	386388	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	893323	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	946796	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	1116686	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	26449	5.647	ng/uL	0.00
4) Pyridine-d5	3.675	84	350914	27.970	ng/u1	0.00
7) Phenol-d5	7.011	99	422038	26.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	246496	25.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	338570	27.088	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	329782	25.440	ng/u1	0.00
21) Nitrobenzene-d5	9.005	128	158773	29.245	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	172102	30.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	354473	30.799	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	420103	27.930	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1047593	30.378	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1139733	30.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	186225	32.898	ng/u1	0.00
60) Fluorene-d10	15.463	176	884726	30.564	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	175826	32.825	ng/u1	0.00
73) Anthracene-d10	17.316	188	1398503	29.778	ng/u1	0.00
81) Pyrene-d10	19.551	212	1797934	24.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	2105999	32.345	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	57227	11.141	ng/uL	96
5) Pyridine	3.699	79	372010	29.362	ng/u1	97
6) Benzaldehyde	6.981	77	225677	27.289	ng/u1	97
8) Phenol	7.040	94	444317	28.286	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.269	93	361584	28.029	ng/u1	99
12) 2-Chlorophenol	7.405	128	357152	28.234	ng/u1	98
13) 2-Methylphenol	8.287	108	326914	27.184	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	417926	25.532	ng/u1	98
16) Acetophenone	8.669	105	538105	27.854	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.658	70	257105	24.192	ng/u1	99
18) 4-Methylphenol	8.616	108	356418	27.142	ng/u1	98
19) Hexachloroethane	8.916	117	154601	29.812	ng/u1	86
22) Nitrobenzene	9.046	77	407300	30.857	ng/u1	98
23) Isophorone	9.569	82	744179	27.651	ng/u1	98
25) 2-Nitrophenol	9.752	139	195396	32.422	ng/u1	95
26) 2,4-Dimethylphenol	9.816	107	295675	25.085	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.057	93	471613	27.757	ng/u1	98
29) 2,4-Dichlorophenol	10.287	162	356310	32.140	ng/u1	98
30) Naphthalene	10.687	128	1110671	30.015	ng/u1	100
32) 4-Chloroaniline	10.799	127	367825	25.657	ng/u1	100
33) Hexachlorobutadiene	10.969	225	283455	38.178	ng/u1	99
34) Caprolactam	11.581	113	111313	32.746	ng/u1	91
35) 4-Chloro-3-methylphenol	11.928	107	370979	29.871	ng/u1	99
36) 2-Methylnaphthalene	12.299	142	762116	29.072	ng/u1	99

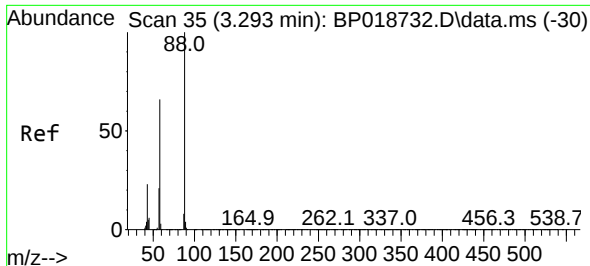
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	755734	28.546	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.663	216	498669	35.572	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	248499	29.906	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	302115	33.501	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	334306	34.194	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1030999	30.852	ng/ul	98
44) 2-Chloronaphthalene	13.346	162	840268	31.837	ng/ul	99
45) 2-Nitroaniline	13.557	65	226753	31.692	ng/ul	99
47) Dimethylphthalate	13.934	163	1092748	32.191	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	223178	34.799	ng/ul	92
50) Acenaphthylene	14.193	152	1324257	31.018	ng/ul	100
51) 3-Nitroaniline	14.381	138	211486	33.034	ng/ul	100
52) Acenaphthene	14.534	153	881360	31.222	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	116984	34.417	ng/ul	92
55) 4-Nitrophenol	14.693	109	172735	40.390	ng/ul	84
56) Dibenzofuran	14.869	168	1258351	32.073	ng/ul	99
57) 2,4-Dinitrotoluene	14.840	165	321636	35.652	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.093	232	286987	34.994	ng/ul	96
59) Diethylphthalate	15.298	149	1076646	32.412	ng/ul	100
61) Fluorene	15.516	166	1015962	32.726	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	558788	34.320	ng/ul	97
63) 4-Nitroaniline	15.545	138	221902	36.383	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.598	198	196605	34.331	ng/ul	94
67) N-Nitrosodiphenylamine	15.734	169	881702	29.785	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	380075	33.701	ng/ul	95
69) Hexachlorobenzene	16.516	284	451154	35.830	ng/ul	98
70) Atrazine	16.687	200	244617	27.795	ng/ul	98
71) Pentachlorophenol	16.869	266	262452	35.047	ng/ul	99
72) Phenanthrene	17.263	178	1706231	31.625	ng/ul	100
74) Anthracene	17.351	178	1678693	31.041	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	503758	32.613	ng/ul	99
76) Pentachlorobenzene	14.787	250	515213	33.956	ng/ul	98
77) Carbazole	17.628	167	1536910	35.658	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1859078	32.392	ng/ul	100
80) Fluoranthene	19.228	202	2179469	25.018	ng/ul#	94
82) Pyrene	19.581	202	2220766	25.269	ng/ul#	92
83) Butylbenzylphthalate	20.463	149	862402	26.804	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	797741	34.672	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2440636	31.758	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	1277660	28.892	ng/ul#	99
87) Chrysene	21.345	228	2277910	32.187	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2277413	27.933	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2692279	32.699	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2563512	32.179	ng/ul#	98
93) Benzo(a)pyrene	23.569	252	2506884	33.322	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.133	276	3261091	36.280	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.151	278	2709280	36.233	ng/ul#	96
96) Benzo(g,h,i)perylene	26.886	276	2623349	36.265	ng/ul#	93

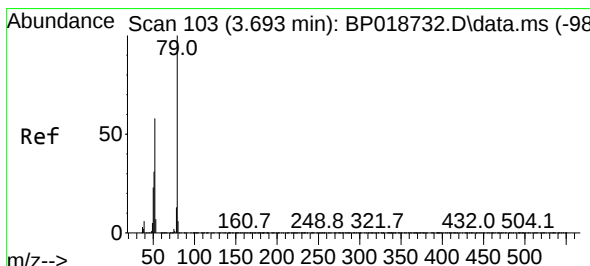
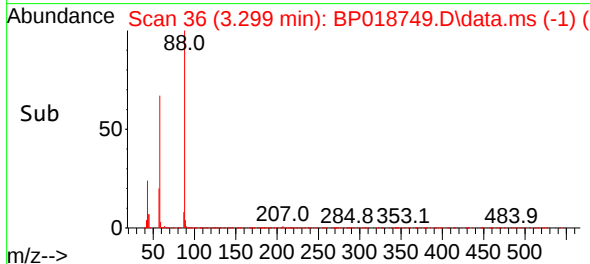
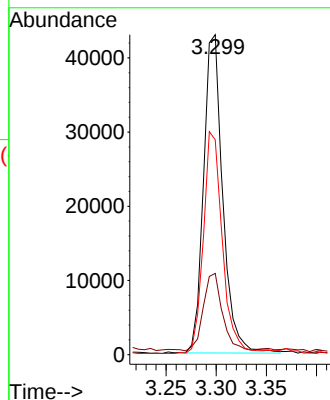
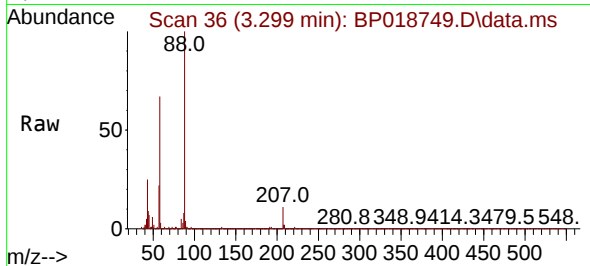
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#2
1,4-Dioxane
Concen: 11.141 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

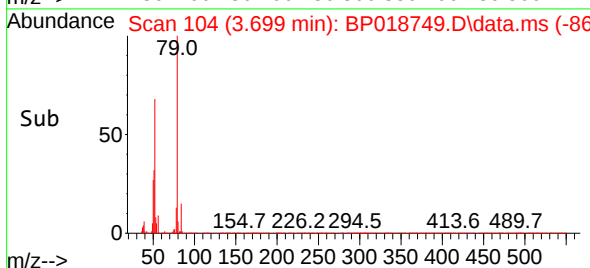
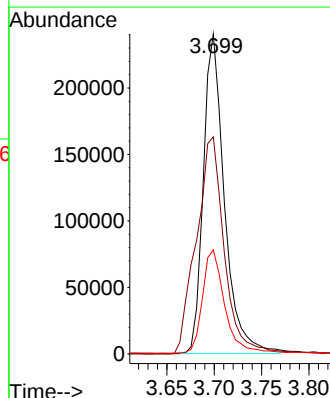
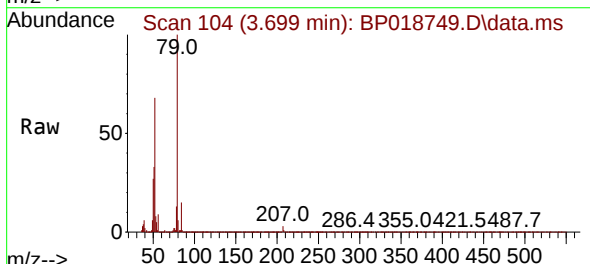
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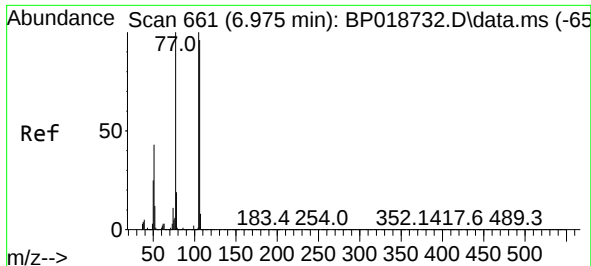
Tgt Ion: 88 Resp: 57227
Ion Ratio Lower Upper
88 100
43 25.4 21.8 32.6
58 67.1 56.5 84.7



#5
Pyridine
Concen: 29.362 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion: 79 Resp: 372010
Ion Ratio Lower Upper
79 100
52 67.8 57.4 86.0
51 32.5 26.2 39.4

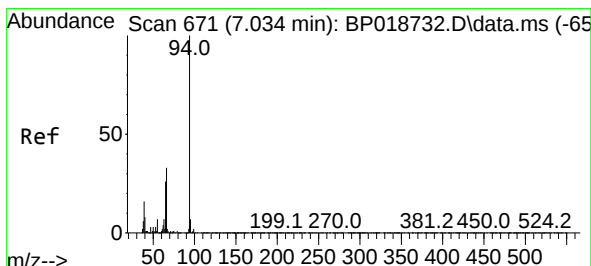
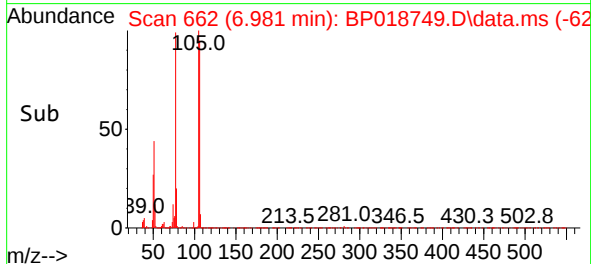
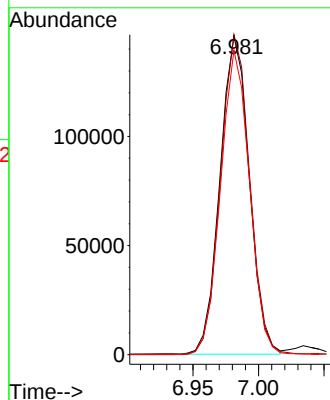
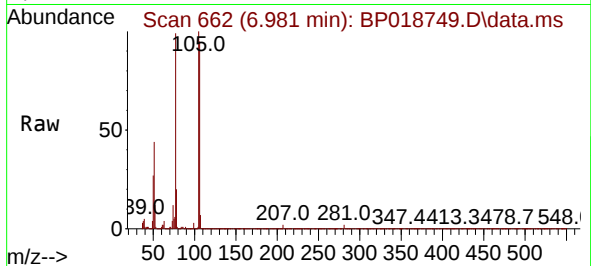




#6
Benzaldehyde
Concen: 27.289 ng/ul
RT: 6.981 min Scan# 661
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

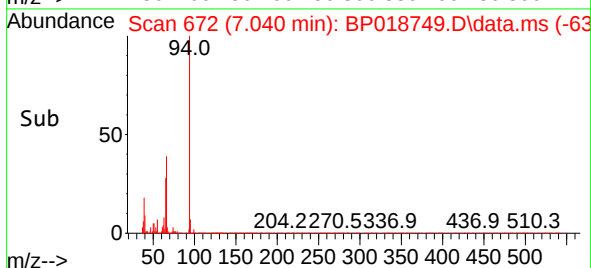
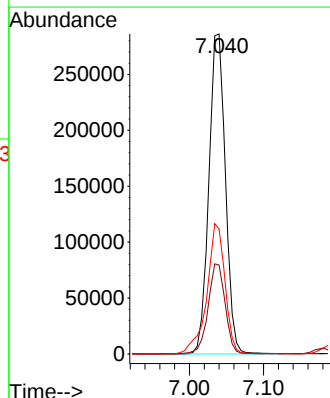
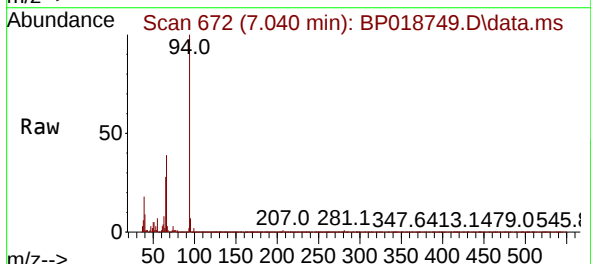
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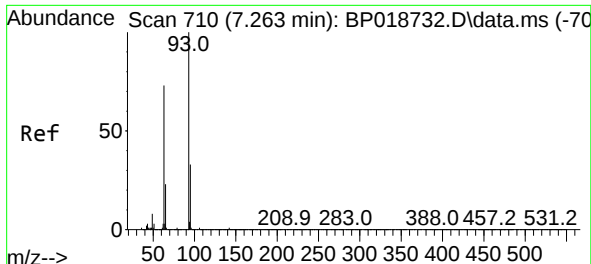
Tgt Ion: 77 Resp: 225677
Ion Ratio Lower Upper
77 100
105 100.5 77.9 116.9
106 95.7 74.6 111.8



#8
Phenol
Concen: 28.286 ng/ul
RT: 7.040 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion: 94 Resp: 444317
Ion Ratio Lower Upper
94 100
65 27.8 21.0 31.6
66 39.0 28.6 43.0

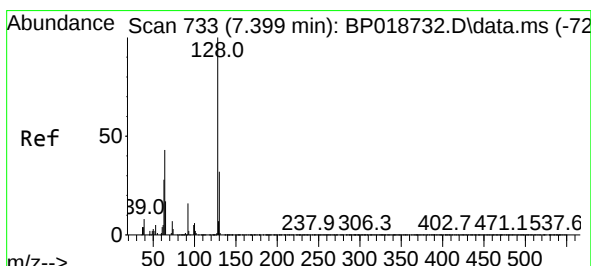
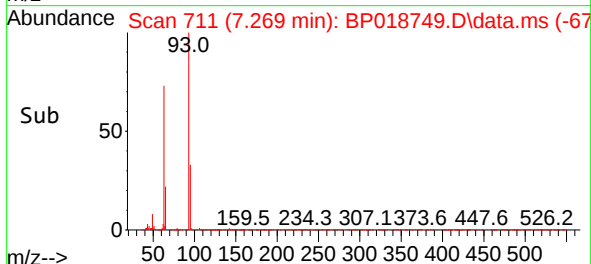
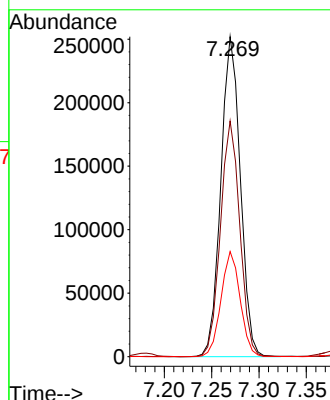
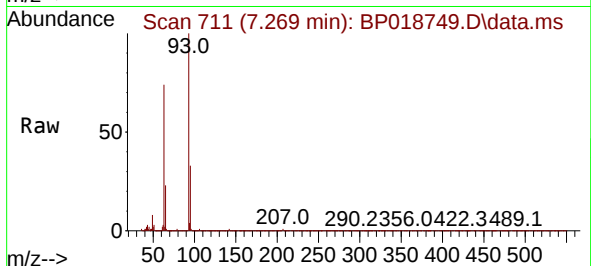




#10
Bis(2-Chloroethyl)ether
Concen: 28.029 ng/ul
RT: 7.269 min Scan# 710
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

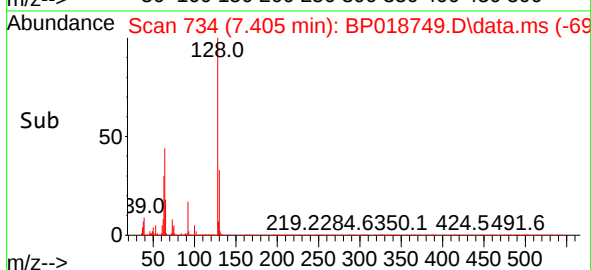
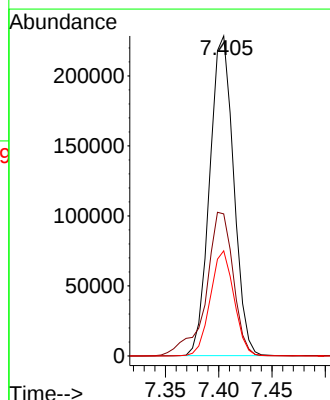
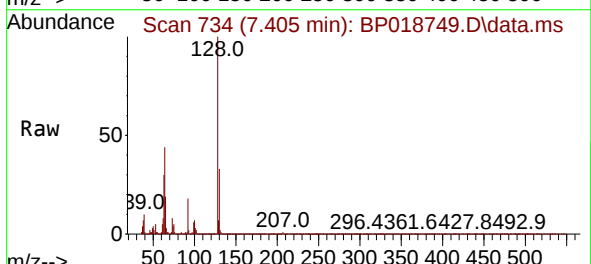
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ClientSampleId :
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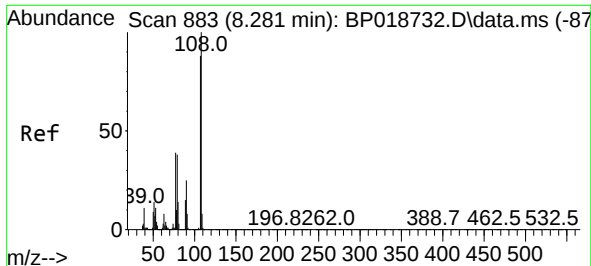
Tgt Ion: 93 Resp: 361584
Ion Ratio Lower Upper
93 100
63 73.7 58.3 87.5
95 32.8 25.9 38.9



#12
2-Chlorophenol
Concen: 28.234 ng/ul
RT: 7.405 min Scan# 734
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:128 Resp: 357152
Ion Ratio Lower Upper
128 100
64 44.4 37.0 55.4
130 32.9 26.8 40.2

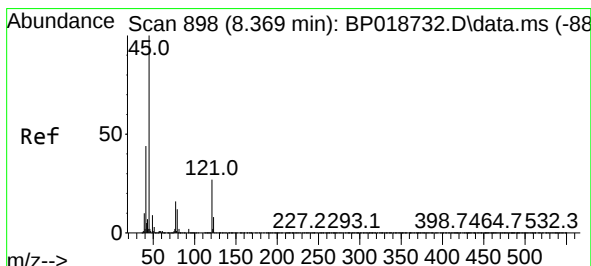
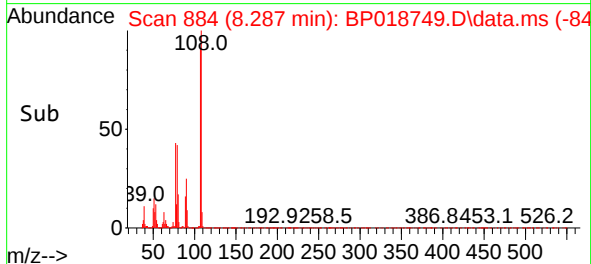
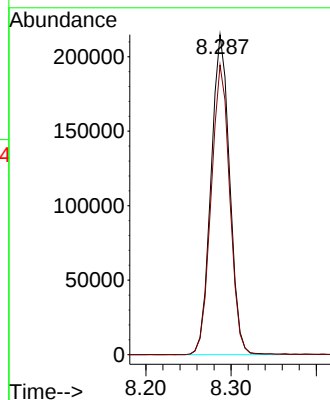
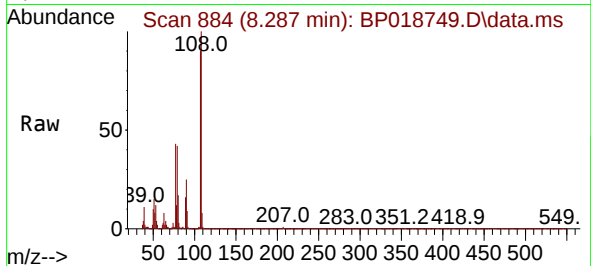




#13
2-Methylphenol
Concen: 27.184 ng/ul
RT: 8.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

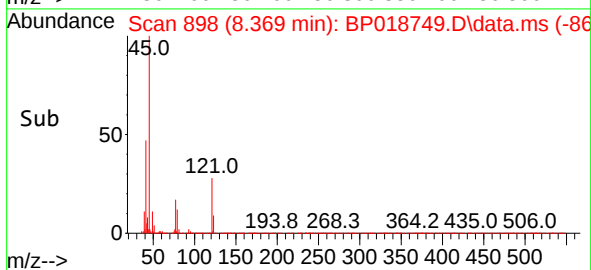
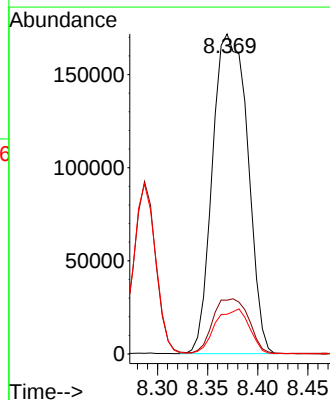
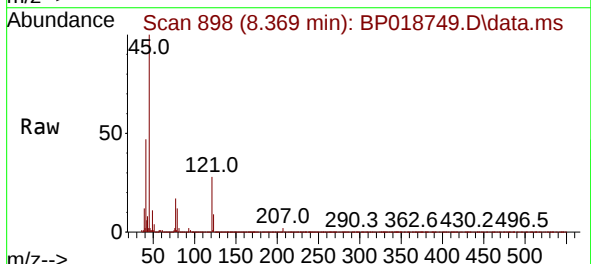
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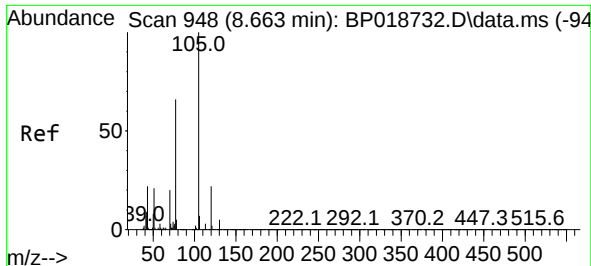
Tgt Ion:108 Resp: 326914
Ion Ratio Lower Upper
108 100
107 90.5 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.532 ng/ul
RT: 8.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion: 45 Resp: 417926
Ion Ratio Lower Upper
45 100
77 16.8 12.7 19.1
79 12.4 10.5 15.7

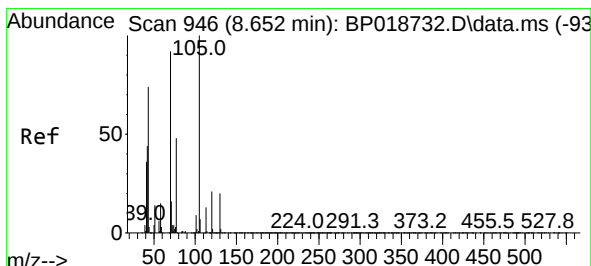
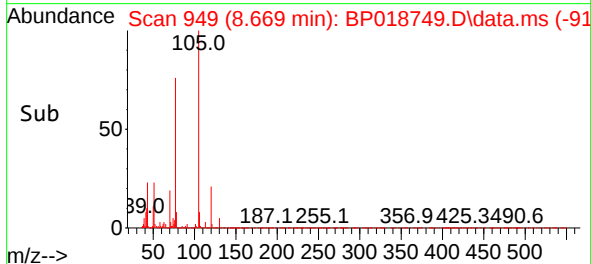
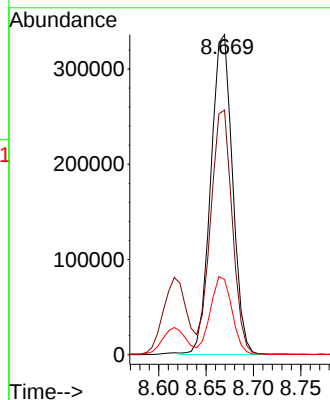
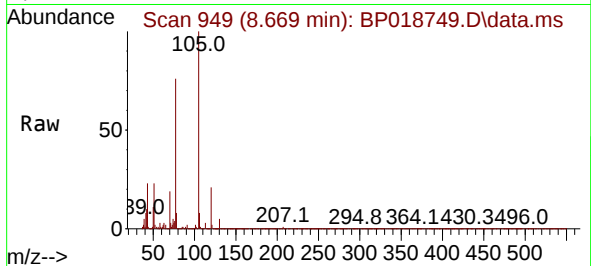




#16
Acetophenone
Concen: 27.854 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

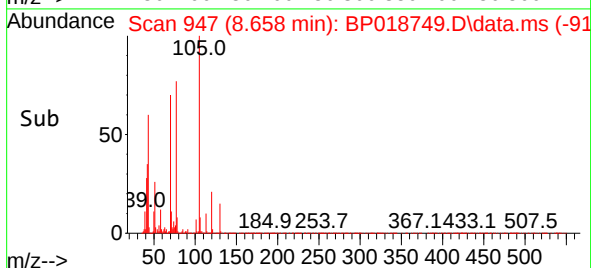
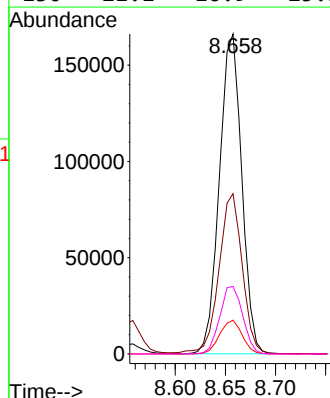
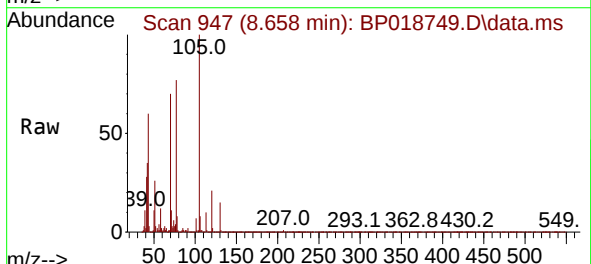
Instrument :
BNA_P
ClientSampleId :
SLCS493

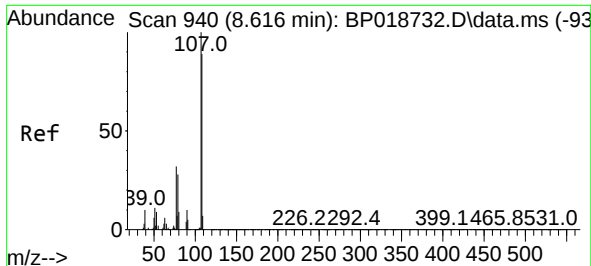
Tgt Ion:105 Resp: 538105
Ion Ratio Lower Upper
105 100
77 76.4 59.4 89.0
51 23.5 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 24.192 ng/ul
RT: 8.658 min Scan# 947
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion: 70 Resp: 257105
Ion Ratio Lower Upper
70 100
42 50.1 41.0 61.4
101 10.6 7.8 11.8
130 21.1 16.9 25.3

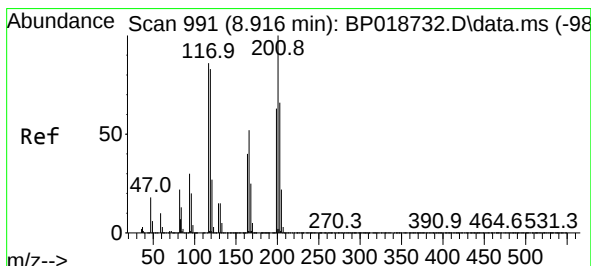
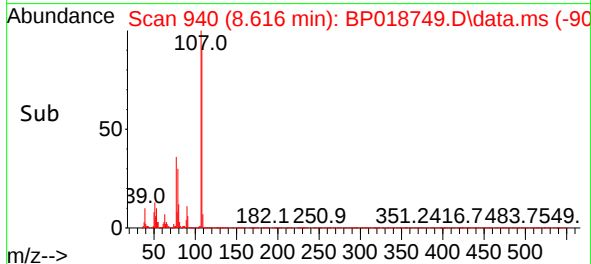
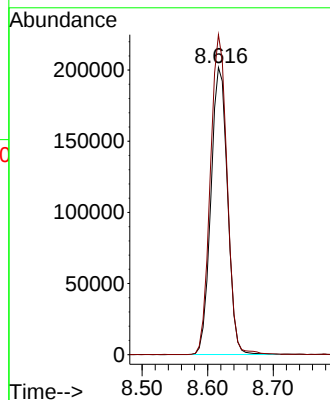
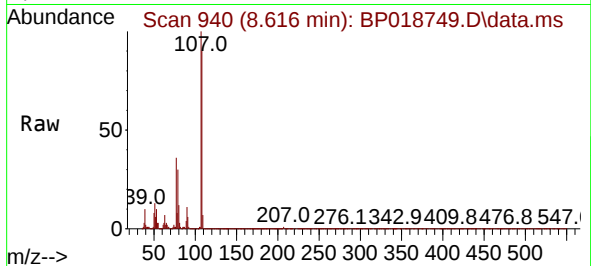




#18
4-Methylphenol
Concen: 27.142 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

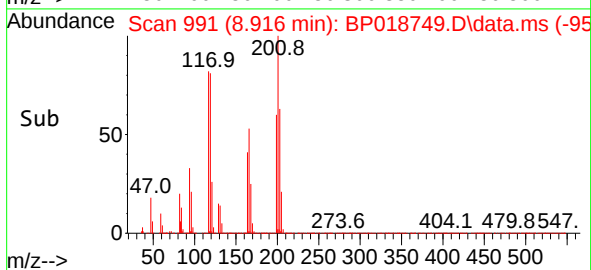
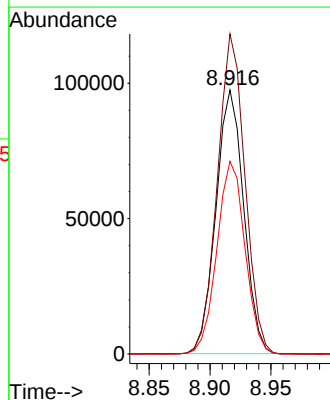
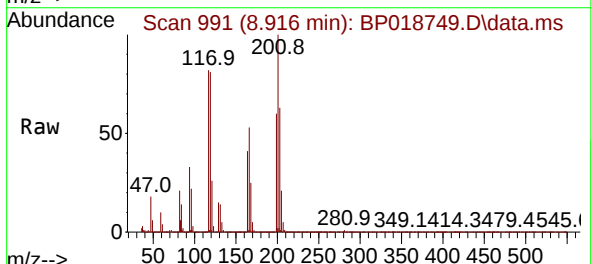
Instrument :
BNA_P
ClientSampleId :
SLCS493

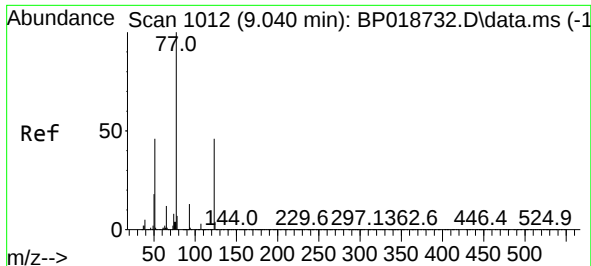
Tgt Ion:108 Resp: 356418
Ion Ratio Lower Upper
108 100
107 111.4 90.6 136.0



#19
Hexachloroethane
Concen: 29.812 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:117 Resp: 154601
Ion Ratio Lower Upper
117 100
201 121.3 83.7 125.5
199 73.0 52.3 78.5

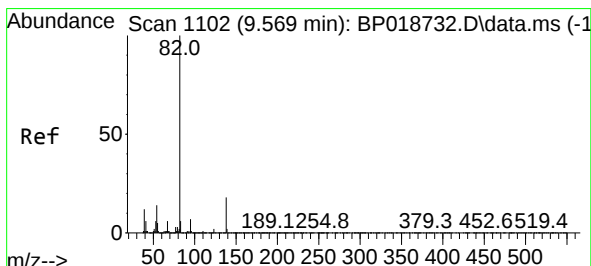
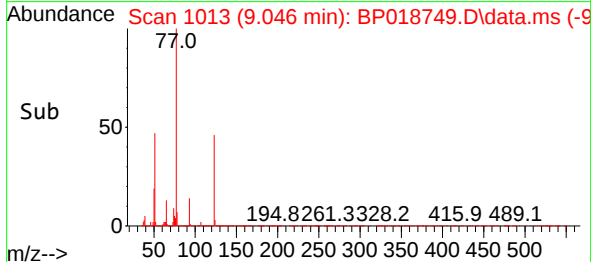
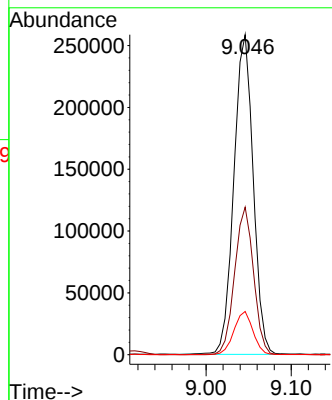
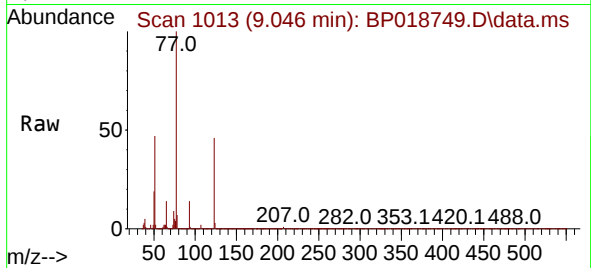




#22
Nitrobenzene
Concen: 30.857 ng/ul
RT: 9.046 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

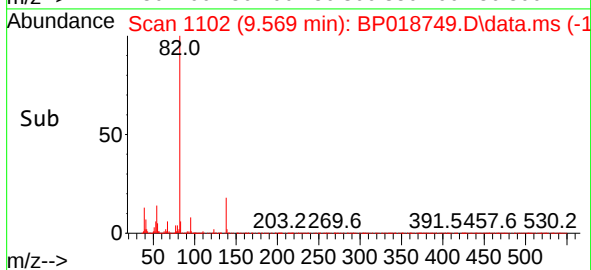
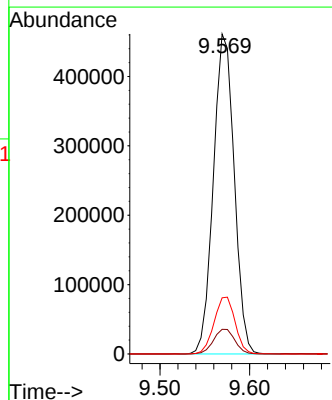
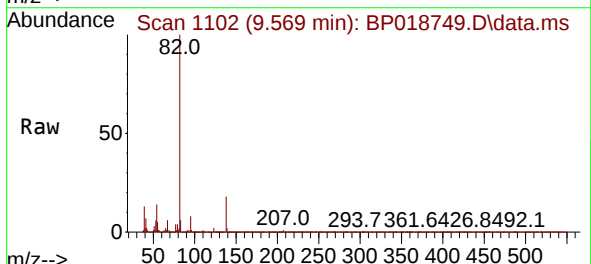
Instrument :
BNA_P
ClientSampleId :
SLCS493

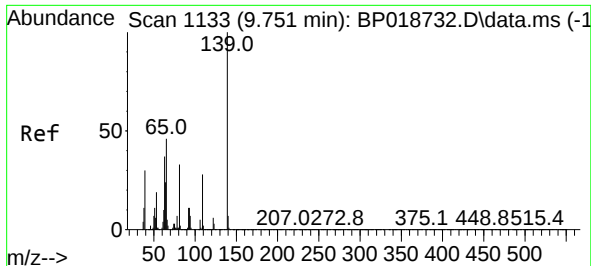
Tgt Ion: 77 Resp: 407300
Ion Ratio Lower Upper
77 100
123 46.1 35.8 53.8
65 13.5 10.5 15.7



#23
Isophorone
Concen: 27.651 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion: 82 Resp: 744179
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 17.5 13.5 20.3

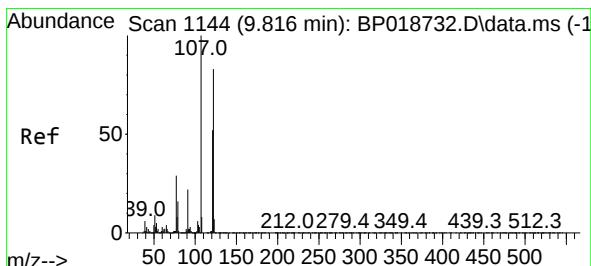
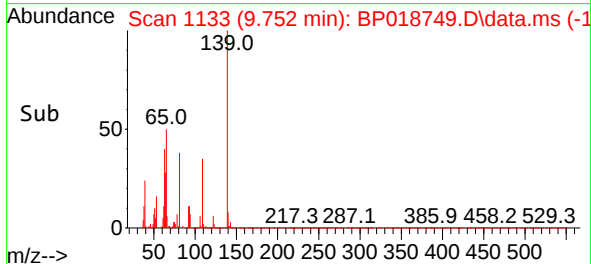
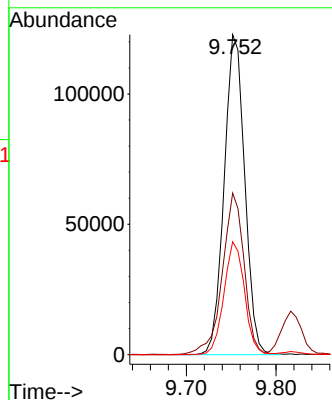
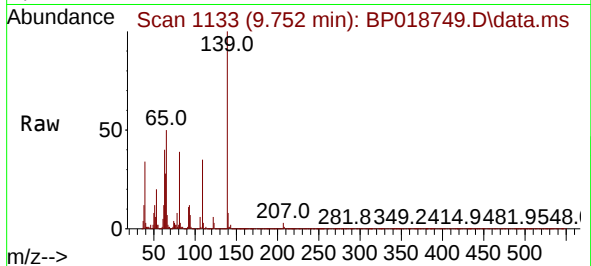




#25
2-Nitrophenol
Concen: 32.422 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

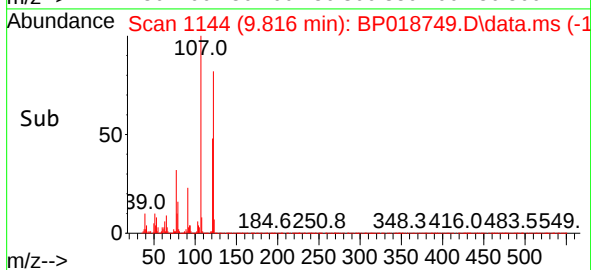
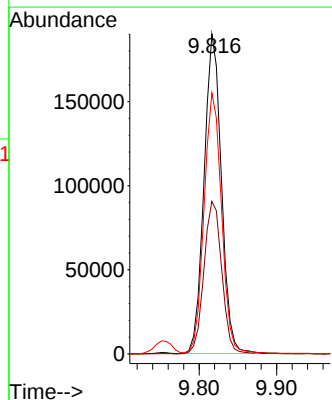
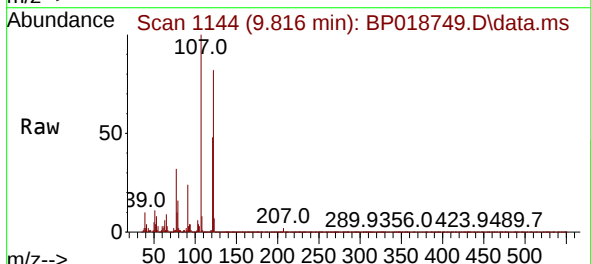
Instrument :
BNA_P
ClientSampleId :
SLCS493

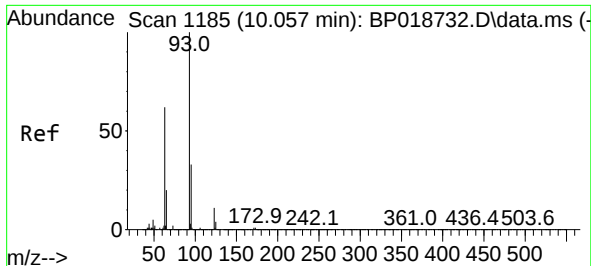
Tgt Ion:139 Resp: 195396
Ion Ratio Lower Upper
139 100
65 50.5 39.1 58.7
109 35.3 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 25.085 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:107 Resp: 295675
Ion Ratio Lower Upper
107 100
121 47.7 40.0 60.0
122 81.5 69.1 103.7

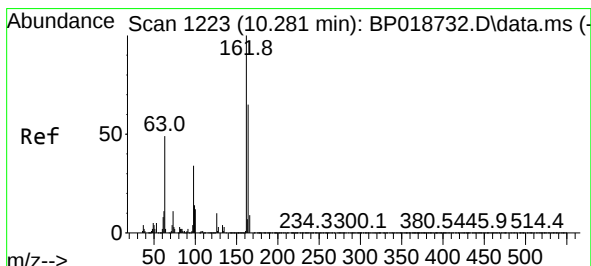
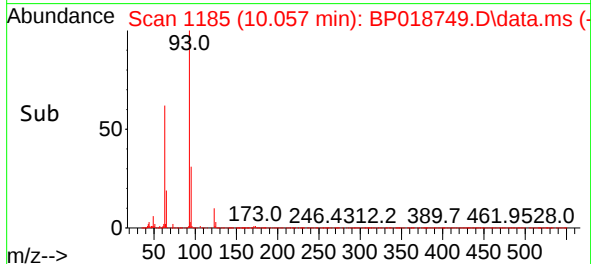
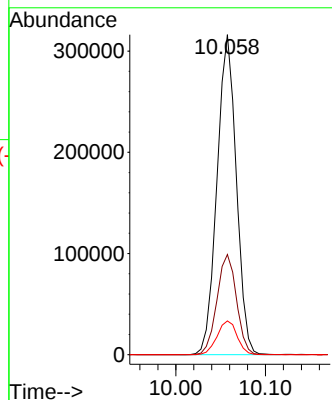
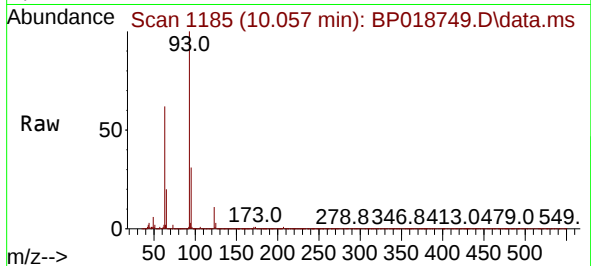




#27
Bis(2-Chloroethoxy)methane
Concen: 27.757 ng/ul
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

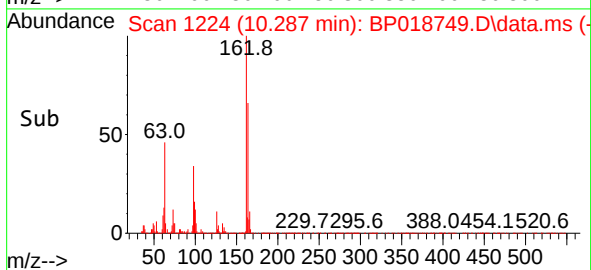
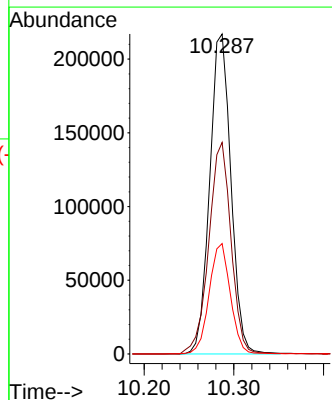
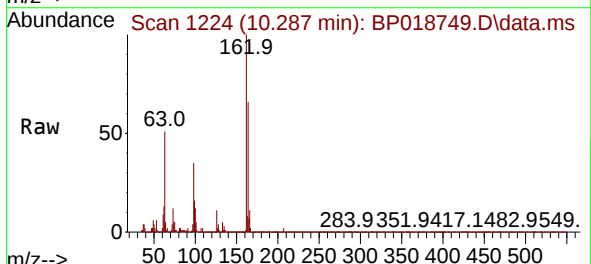
Instrument :
BNA_P
ClientSampleId :
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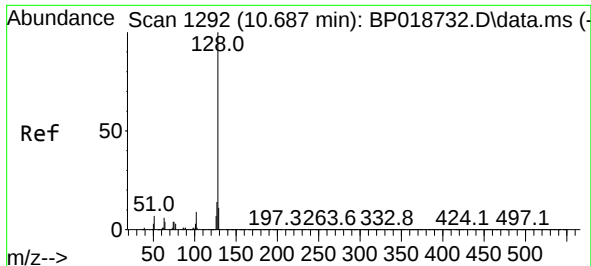
Tgt Ion: 93 Resp: 471613
Ion Ratio Lower Upper
93 100
95 31.3 26.1 39.1
123 10.5 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 32.140 ng/ul
RT: 10.287 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion: 162 Resp: 356310
Ion Ratio Lower Upper
162 100
164 66.1 51.7 77.5
98 34.5 29.2 43.8

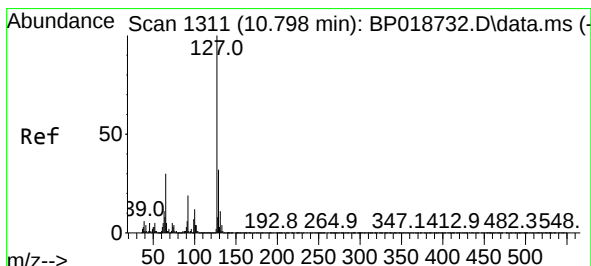
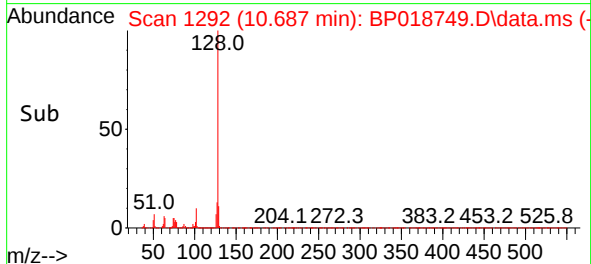
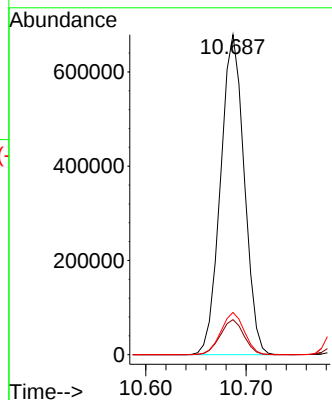
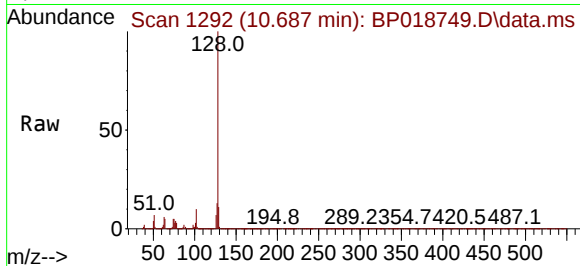




#30
Naphthalene
Concen: 30.015 ng/ul
RT: 10.687 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

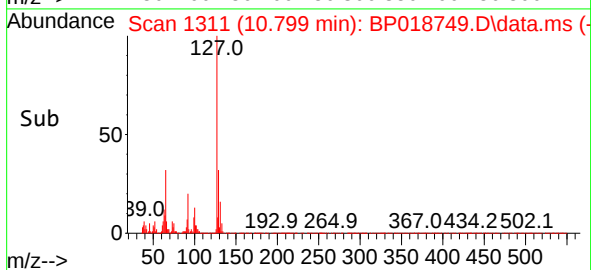
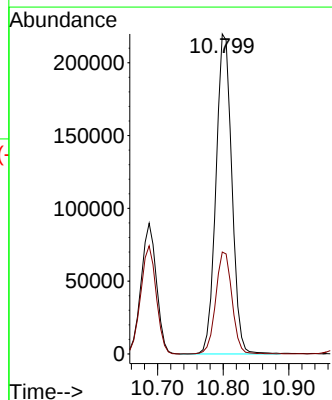
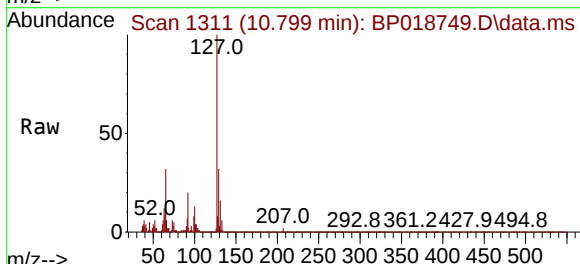
Instrument :
BNA_P
ClientSampleId :
SLCS493

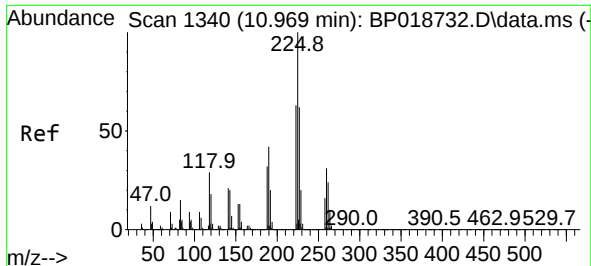
Tgt Ion:128 Resp: 1110671
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.5 15.7



#32
4-Chloroaniline
Concen: 25.657 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:127 Resp: 367825
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4

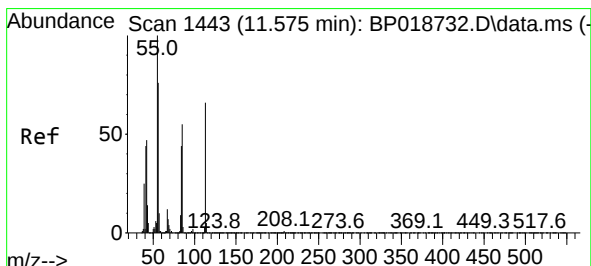
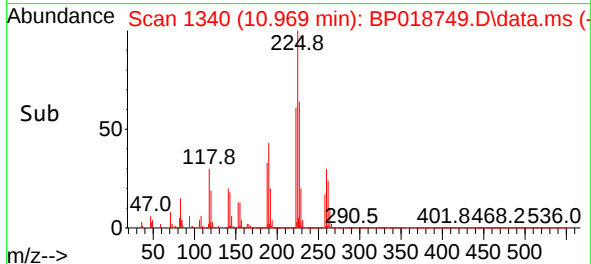
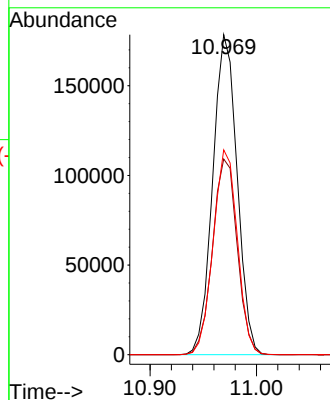
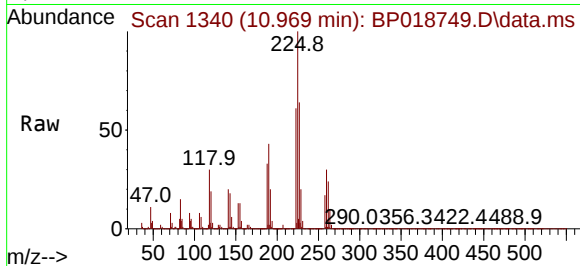




#33
Hexachlorobutadiene
Concen: 38.178 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

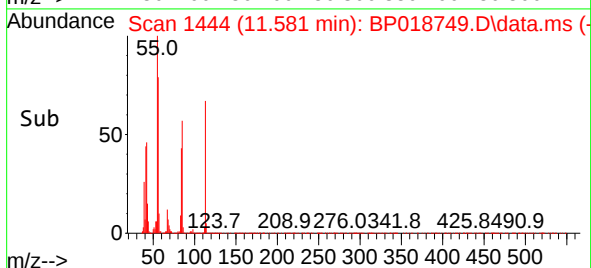
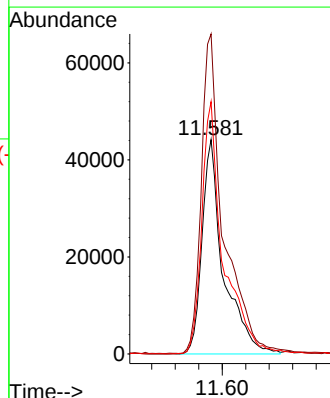
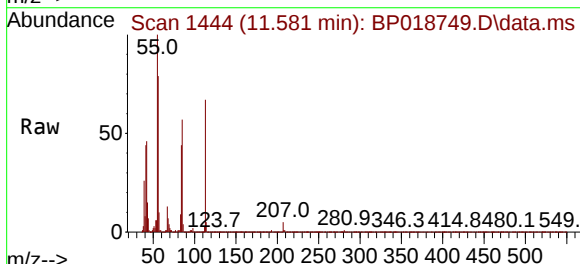
Instrument :
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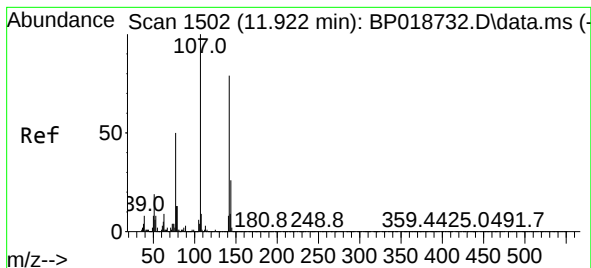
Tgt Ion:225 Resp: 283455
Ion Ratio Lower Upper
225 100
223 61.1 49.5 74.3
227 64.0 50.9 76.3



#34
Caprolactam
Concen: 32.746 ng/ul
RT: 11.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:113 Resp: 111313
Ion Ratio Lower Upper
113 100
55 149.3 133.7 200.5
56 117.7 97.4 146.2

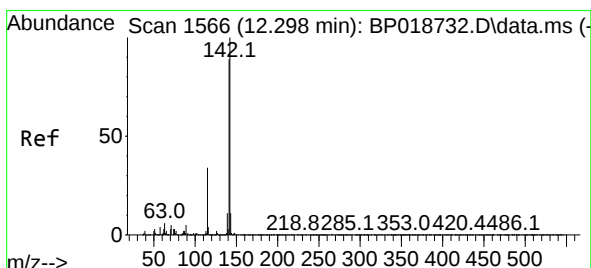
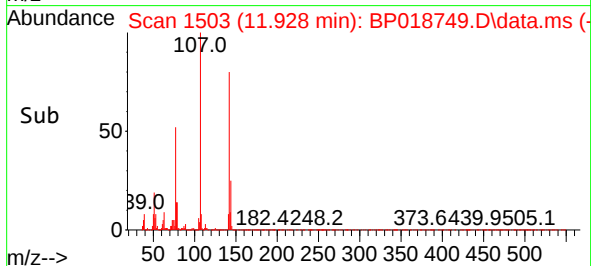
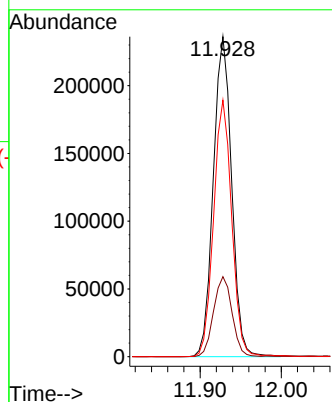
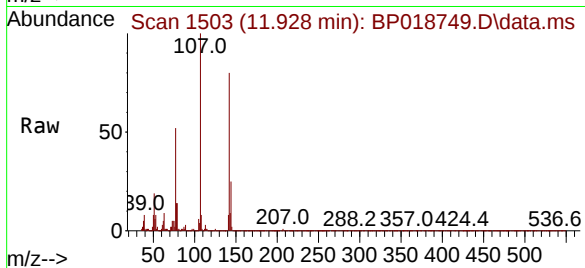




#35
4-Chloro-3-methylphenol
Concen: 29.871 ng/ul
RT: 11.928 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

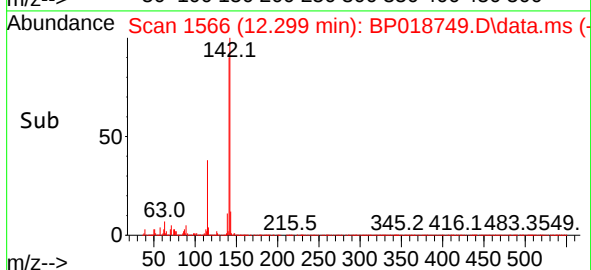
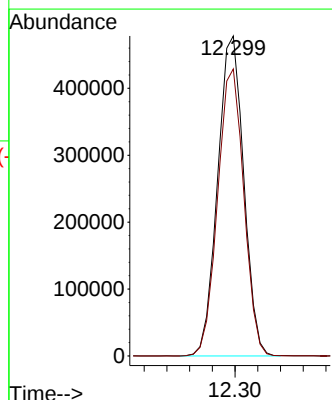
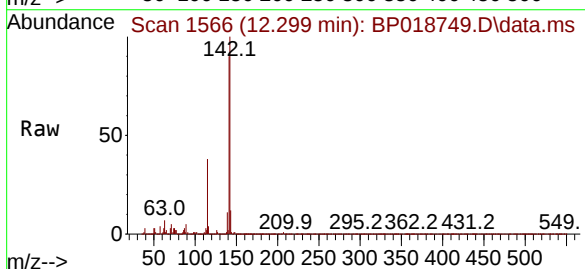
Instrument :
BNA_P
ClientSampleId :
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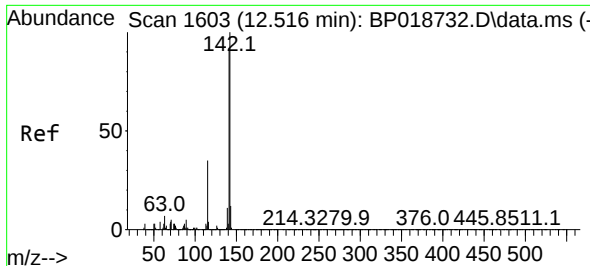
Tgt Ion:107 Resp: 370979
Ion Ratio Lower Upper
107 100
144 25.0 21.0 31.6
142 80.2 63.6 95.4



#36
2-Methylnaphthalene
Concen: 29.072 ng/ul
RT: 12.299 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:142 Resp: 762116
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0

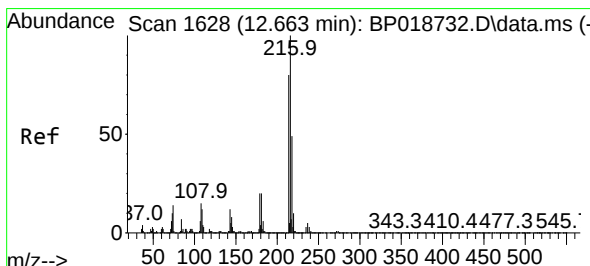
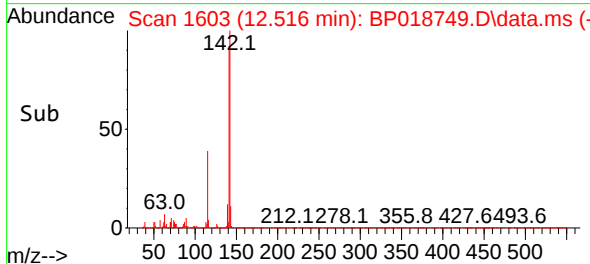
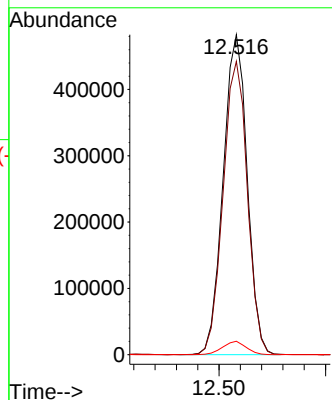
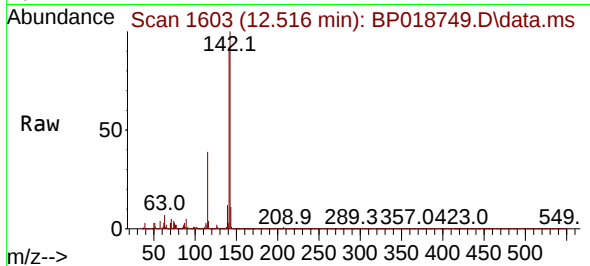




#37
1-Methylnaphthalene
Concen: 28.546 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

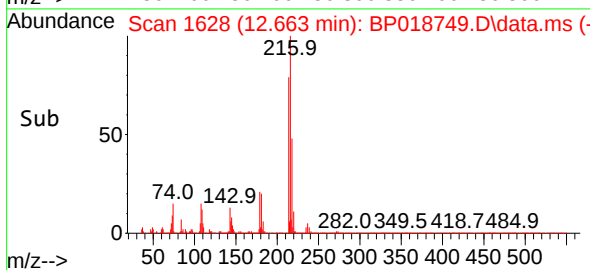
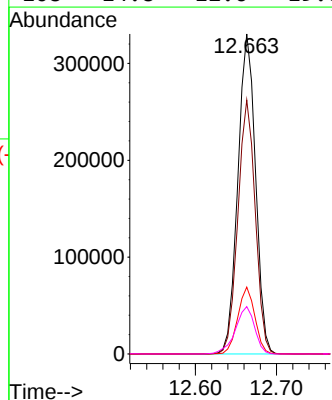
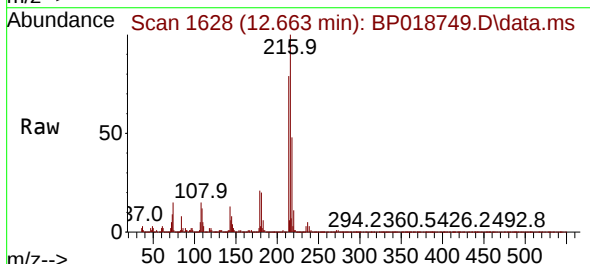
Instrument :
BNA_P
ClientSampleId :
SLCS493

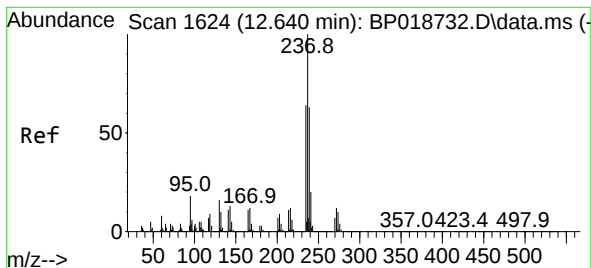
Tgt Ion:142 Resp: 755734
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3
116 4.2 2.8 4.2#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.572 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:216 Resp: 498669
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 20.9 16.3 24.5
108 14.8 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 29.906 ng/ul

RT: 12.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

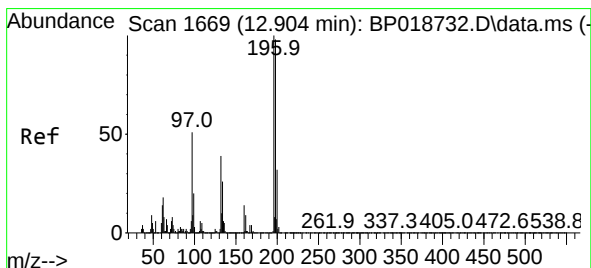
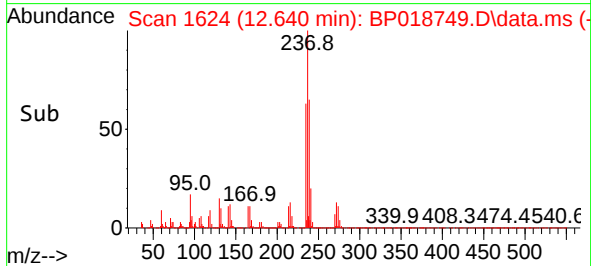
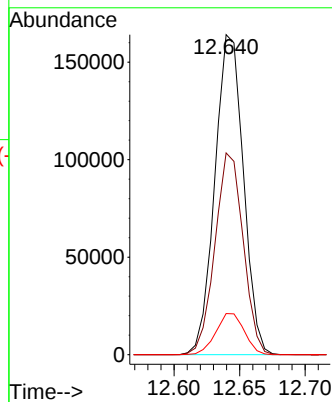
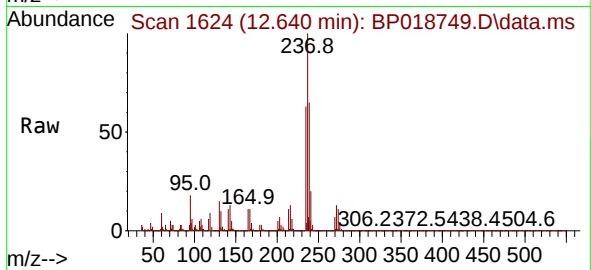
Tgt Ion:237 Resp: 248499

Ion Ratio Lower Upper

237 100

235 63.0 49.4 74.0

272 12.8 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 33.501 ng/ul

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

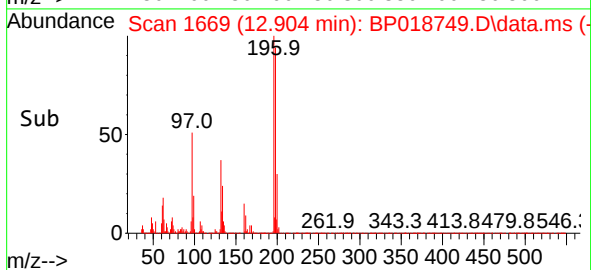
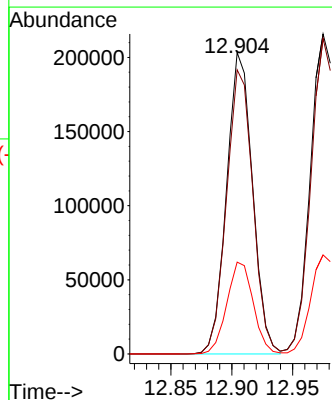
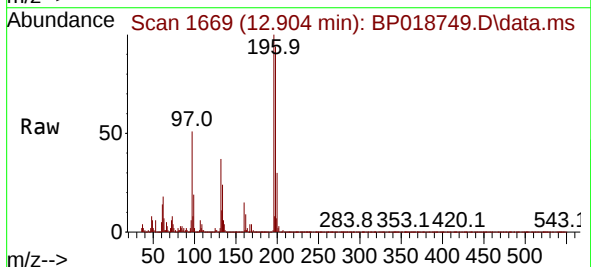
Tgt Ion:196 Resp: 302115

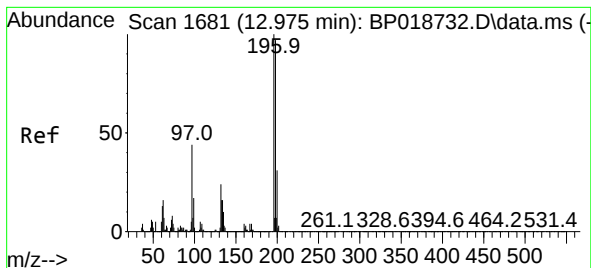
Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 30.4 25.0 37.6

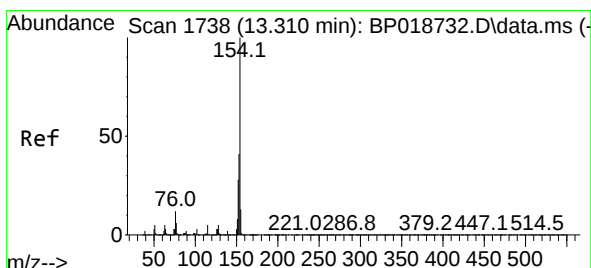
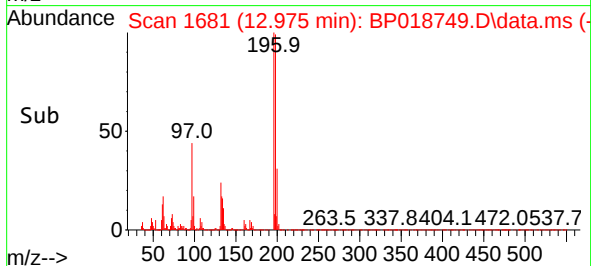
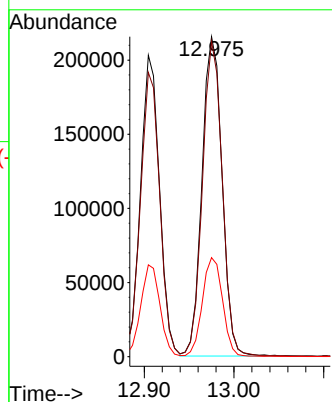
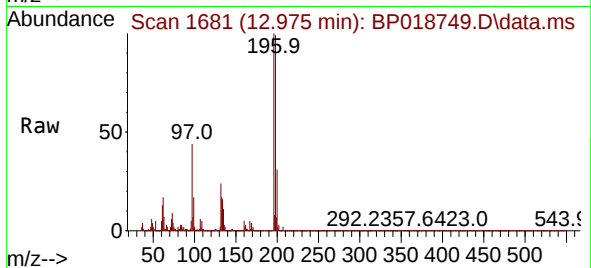




#42
2,4,5-Trichlorophenol
Concen: 34.194 ng/ul
RT: 12.975 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

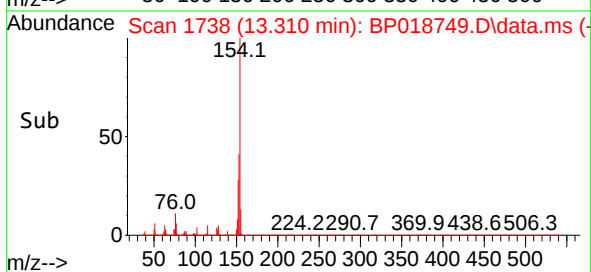
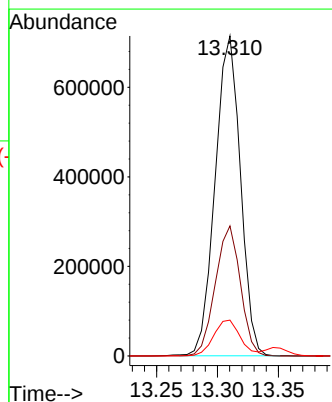
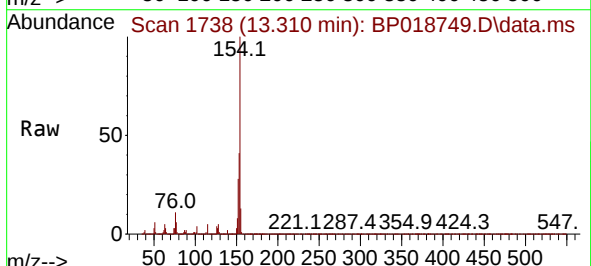
Instrument :
BNA_P
ClientSampleId :
SLCS493

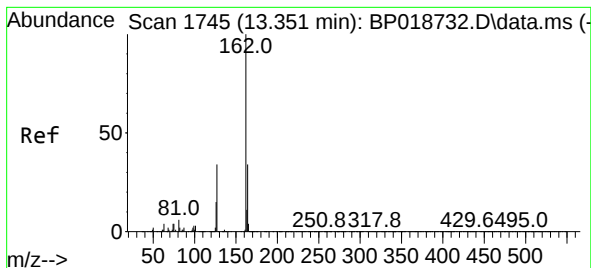
Tgt Ion:196 Resp: 334306
Ion Ratio Lower Upper
196 100
198 98.6 77.9 116.9
200 31.0 25.2 37.8



#43
1,1'-Biphenyl
Concen: 30.852 ng/ul
RT: 13.310 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:154 Resp: 1030999
Ion Ratio Lower Upper
154 100
153 40.6 32.8 49.2
76 11.2 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.837 ng/ul

RT: 13.346 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

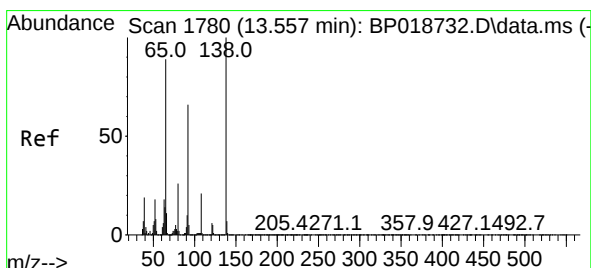
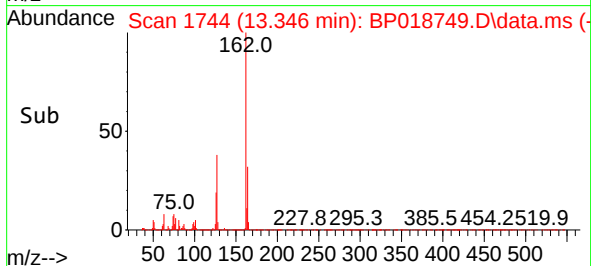
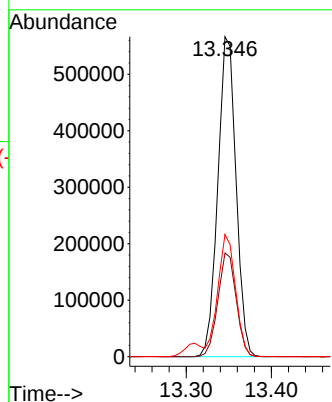
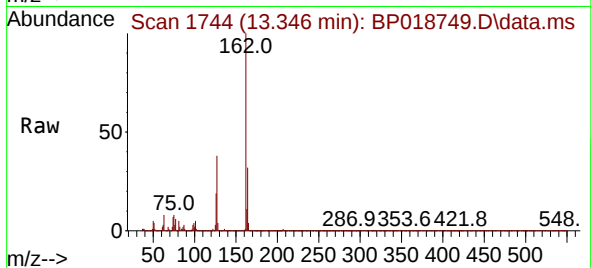
Tgt Ion:162 Resp: 840268

Ion Ratio Lower Upper

162 100

164 32.4 25.7 38.5

127 38.2 30.3 45.5



#45

2-Nitroaniline

Concen: 31.692 ng/ul

RT: 13.557 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

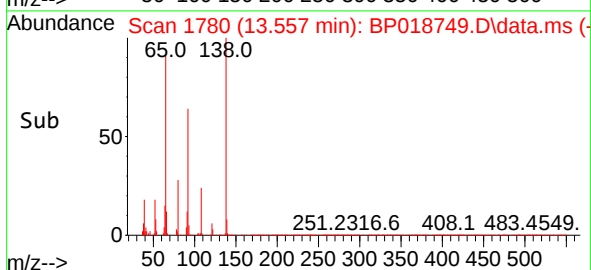
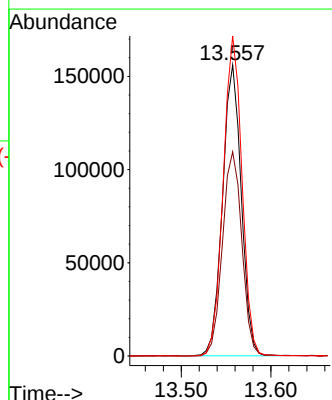
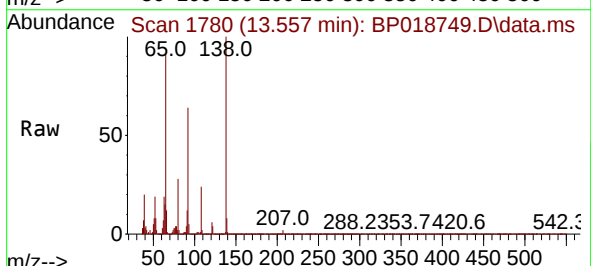
Tgt Ion: 65 Resp: 226753

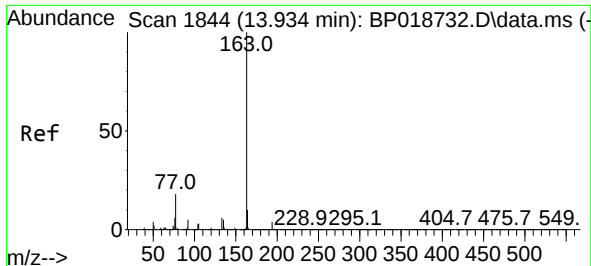
Ion Ratio Lower Upper

65 100

92 70.2 56.9 85.3

138 110.0 88.2 132.2

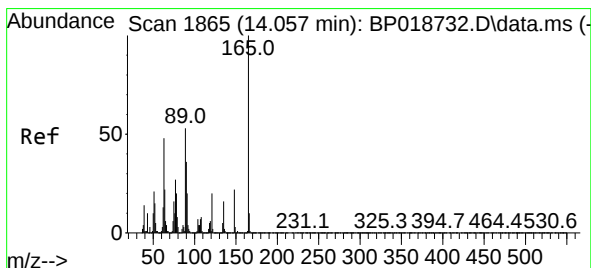
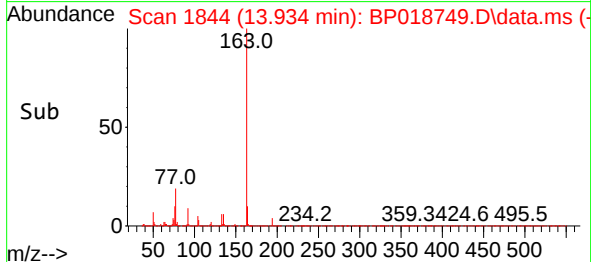
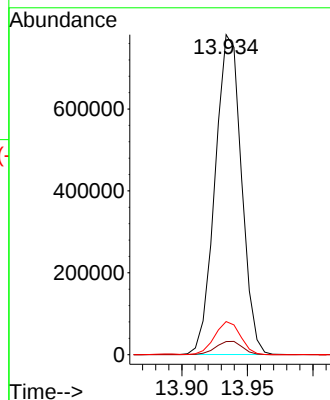
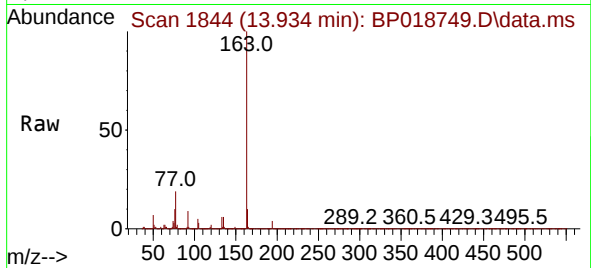




#47
Dimethylphthalate
Concen: 32.191 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

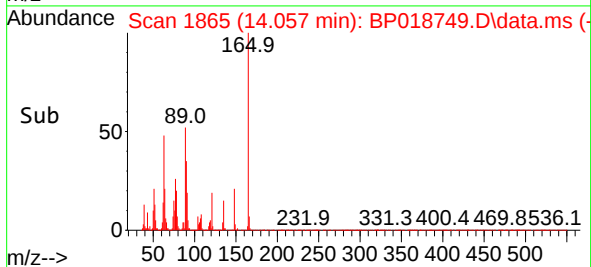
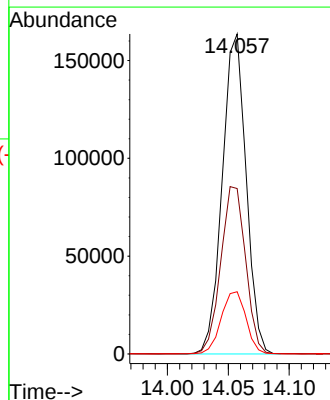
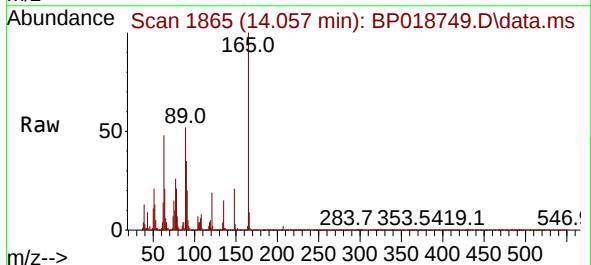
Instrument :
BNA_P
ClientSampleId :
SLCS493

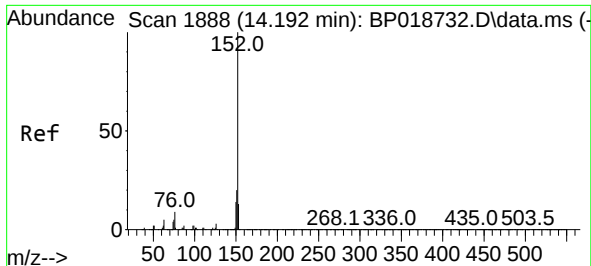
Tgt Ion:163 Resp: 1092748
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 34.799 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:165 Resp: 223178
Ion Ratio Lower Upper
165 100
89 51.7 46.6 70.0
121 19.5 17.3 25.9

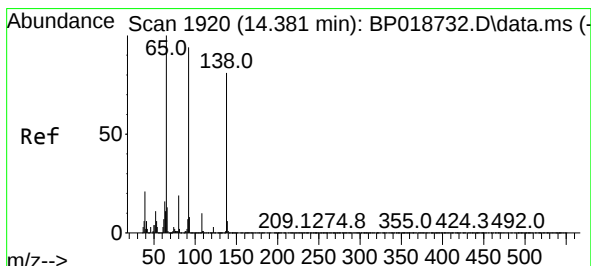
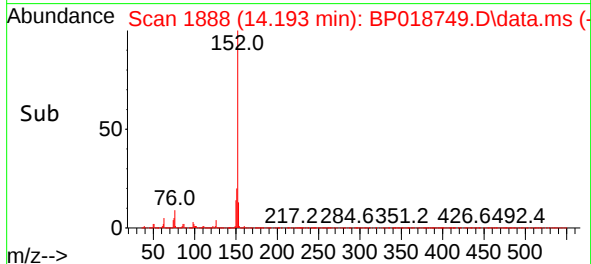
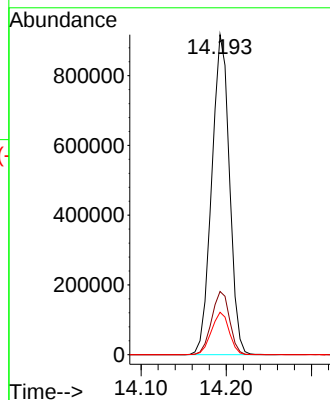
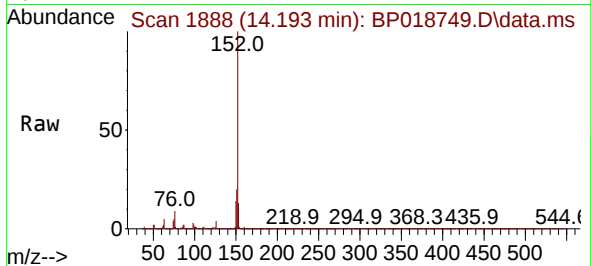




#50
Acenaphthylene
Concen: 31.018 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

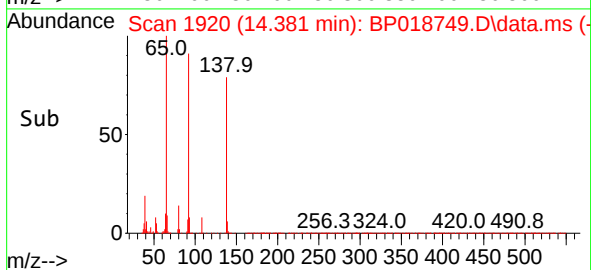
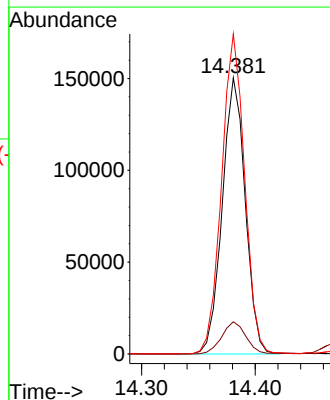
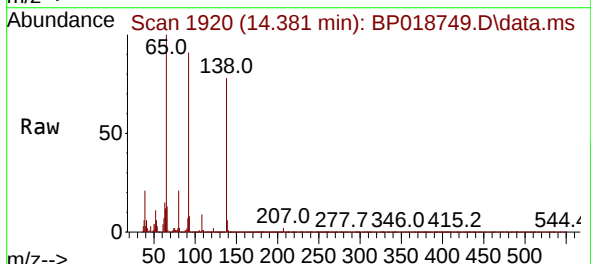
Instrument :
BNA_P
ClientSampleId :
SLCS493

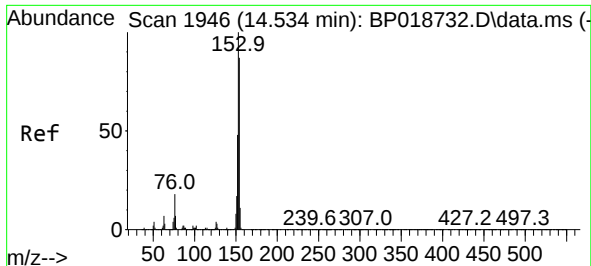
Tgt Ion:152 Resp: 1324257
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0



#51
3-Nitroaniline
Concen: 33.034 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:138 Resp: 211486
Ion Ratio Lower Upper
138 100
108 11.7 9.5 14.3
92 115.9 93.1 139.7

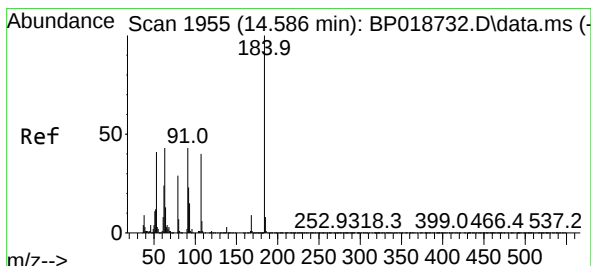
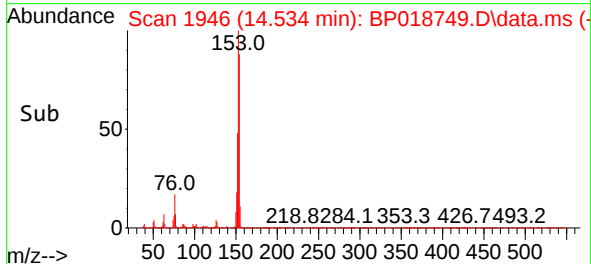
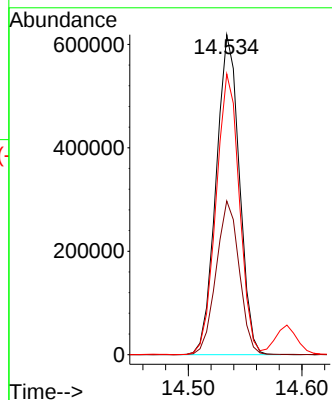
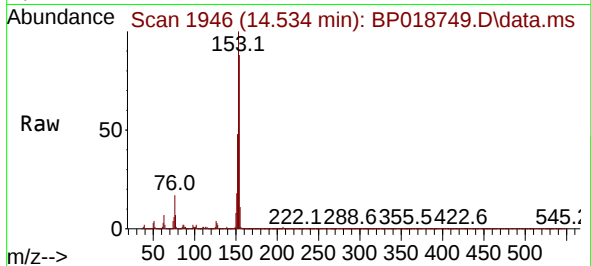




#52
Acenaphthene
Concen: 31.222 ng/ul
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

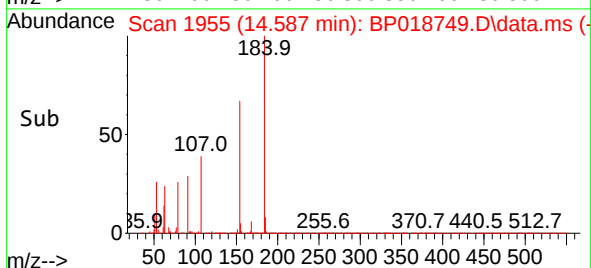
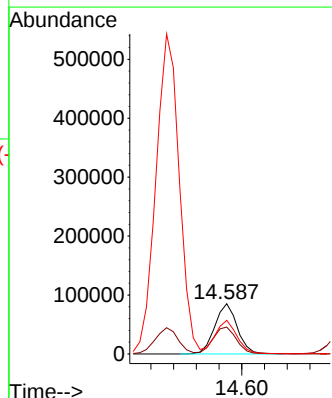
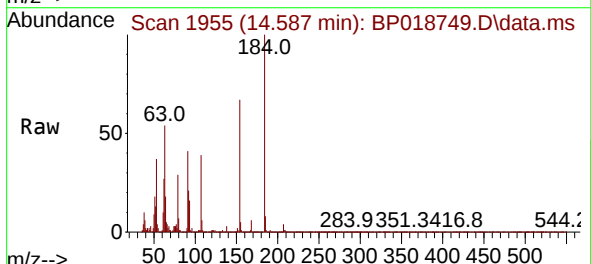
Instrument :
BNA_P
ClientSampleId :
SLCS493

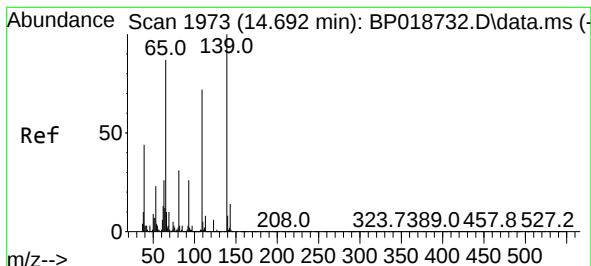
Tgt Ion:153 Resp: 881360
Ion Ratio Lower Upper
153 100
152 48.1 38.1 57.1
154 87.8 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 34.417 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:184 Resp: 116984
Ion Ratio Lower Upper
184 100
63 53.6 48.2 72.4
154 67.1 49.1 73.7

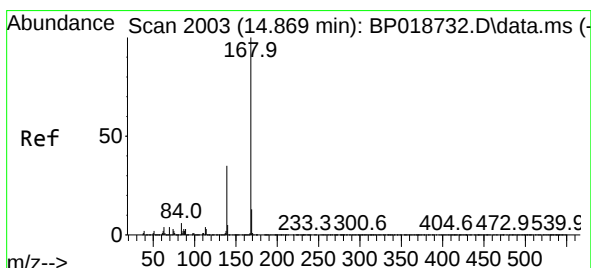
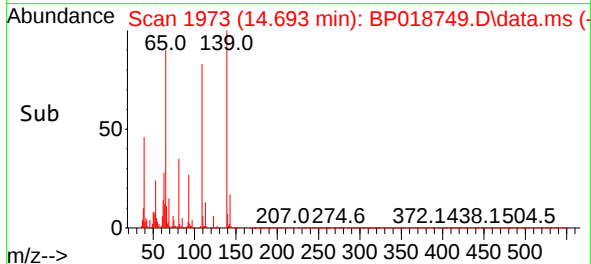
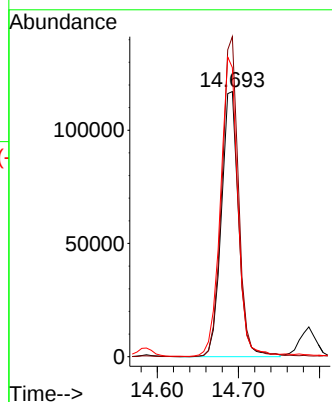
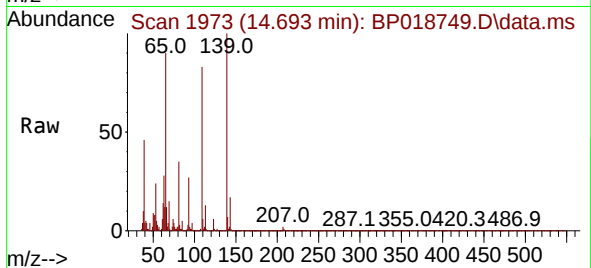




#55
4-Nitrophenol
Concen: 40.390 ng/ul
RT: 14.693 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

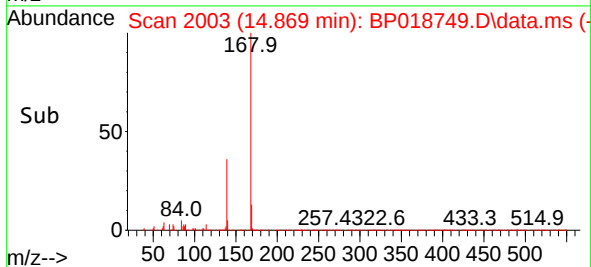
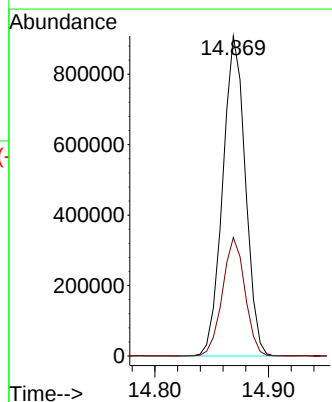
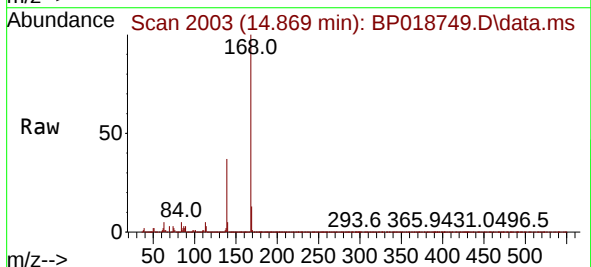
Instrument :
BNA_P
ClientSampleId :
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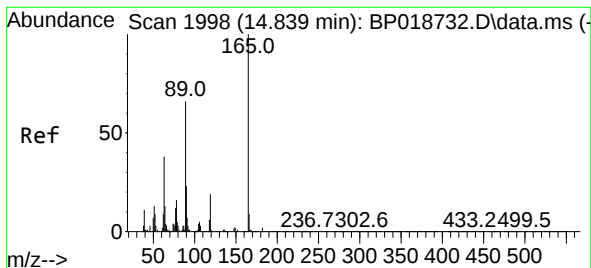
Tgt Ion:109 Resp: 172735
Ion Ratio Lower Upper
109 100
139 120.7 109.0 163.4
65 109.0 106.2 159.4



#56
Dibenzofuran
Concen: 32.073 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:168 Resp: 1258351
Ion Ratio Lower Upper
168 100
139 37.0 29.1 43.7

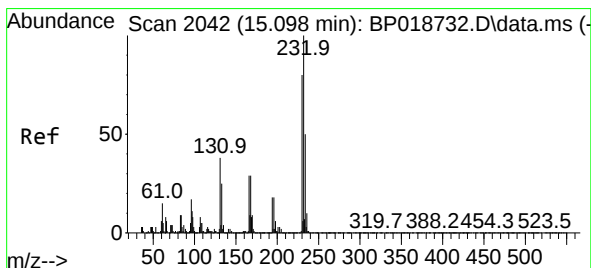
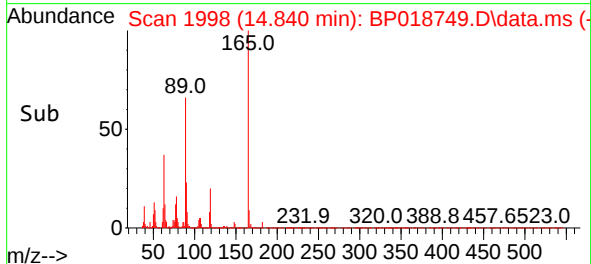
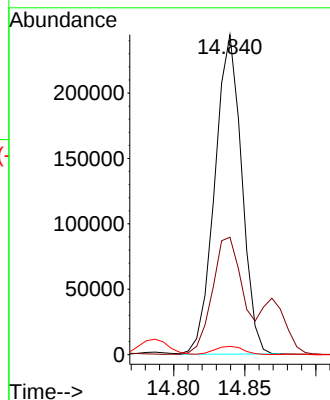
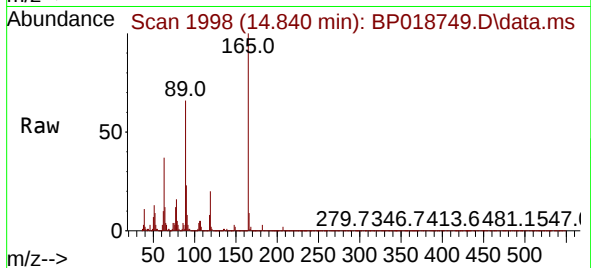




#57
2,4-Dinitrotoluene
Concen: 35.652 ng/ul
RT: 14.840 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

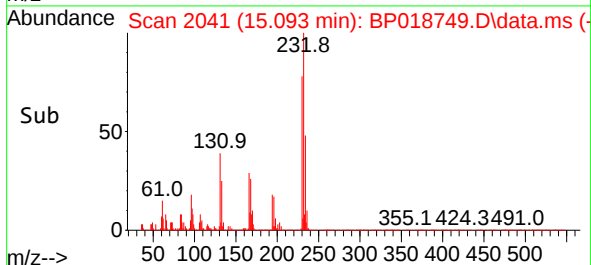
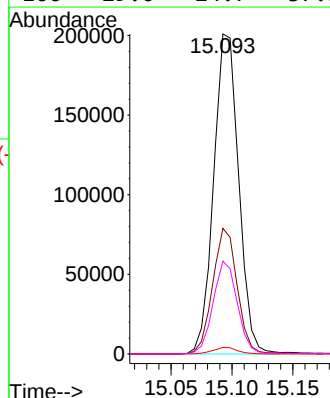
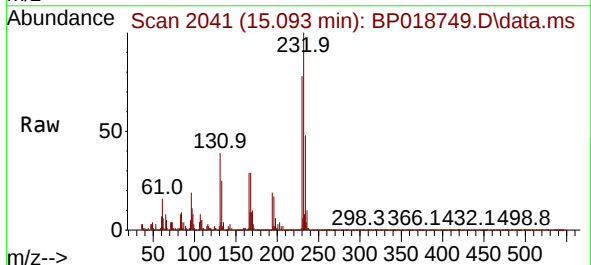
Instrument :
BNA_P
ClientSampleId :
SLCS493

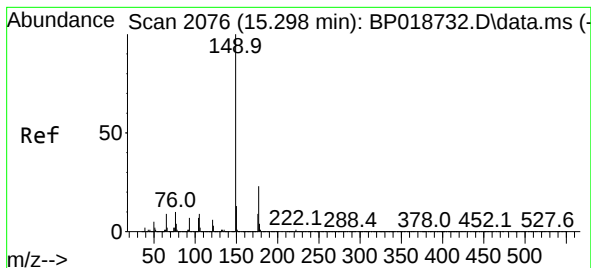
Tgt Ion:165 Resp: 321636
Ion Ratio Lower Upper
165 100
63 36.7 32.7 49.1
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.994 ng/ul
RT: 15.093 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:232 Resp: 286987
Ion Ratio Lower Upper
232 100
131 39.2 33.8 50.8
130 2.1 1.8 2.8
166 29.0 24.7 37.1





#59

Diethylphthalate

Concen: 32.412 ng/ul

RT: 15.298 min Scan# 2076

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

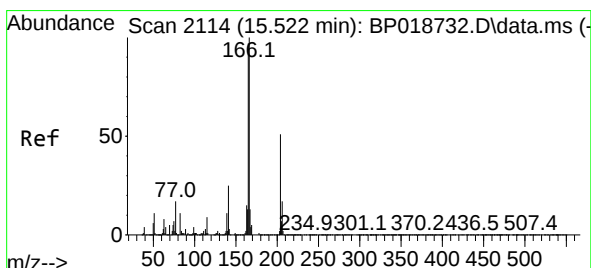
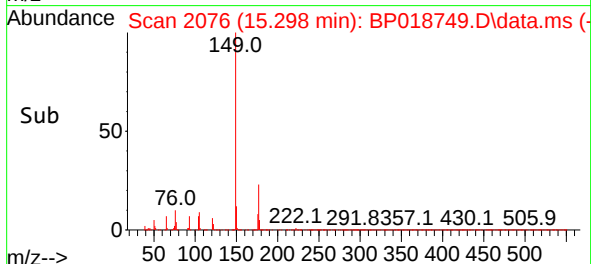
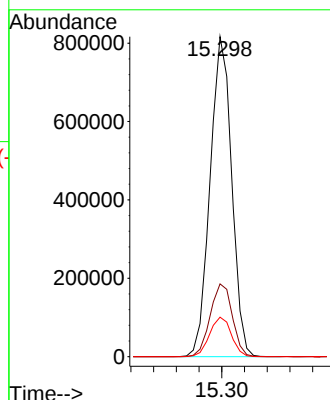
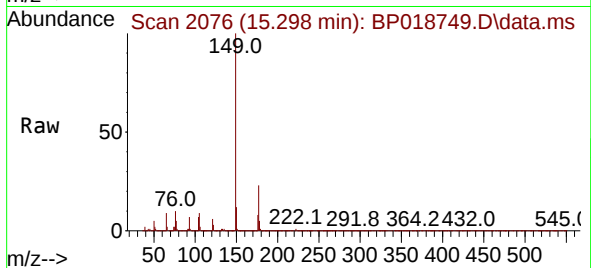
Tgt Ion:149 Resp: 1076646

Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

150 12.3 9.9 14.9



#61

Fluorene

Concen: 32.726 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

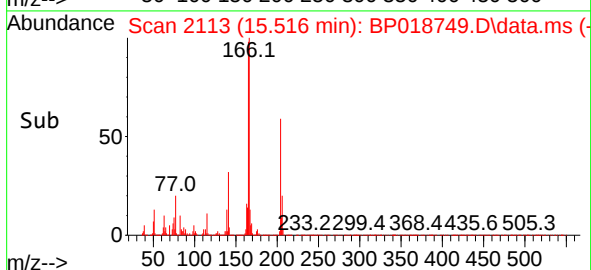
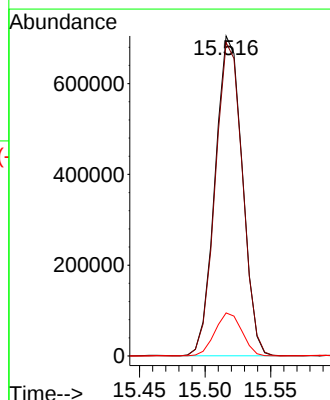
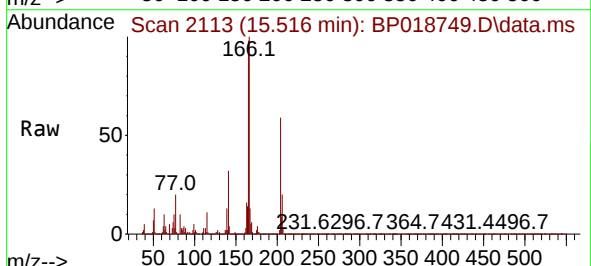
Tgt Ion:166 Resp: 1015962

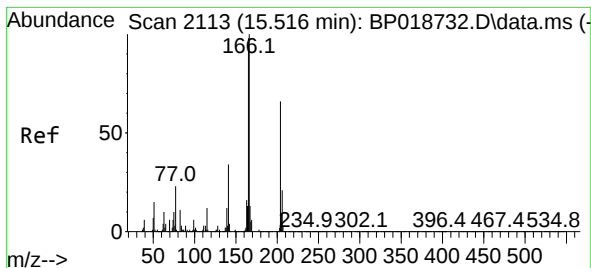
Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

167 13.5 10.8 16.2

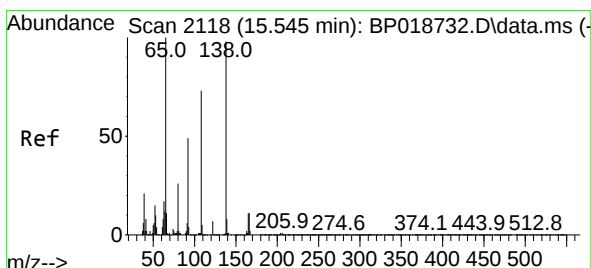
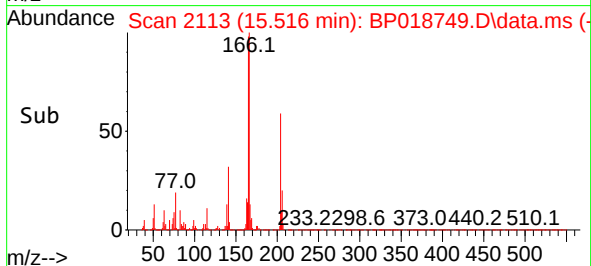
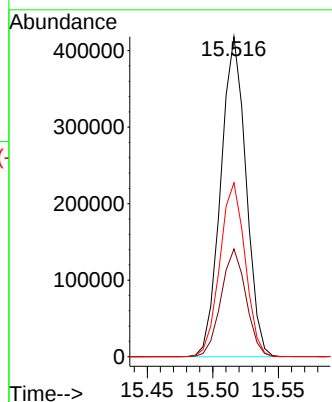
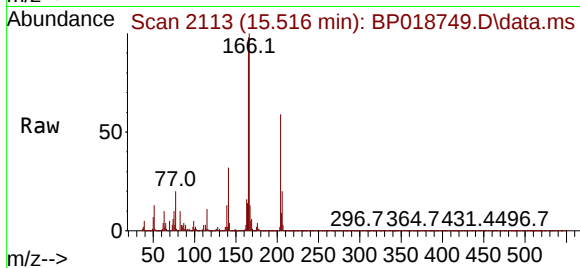




#62
4-Chlorophenyl-phenylether
Concen: 34.320 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

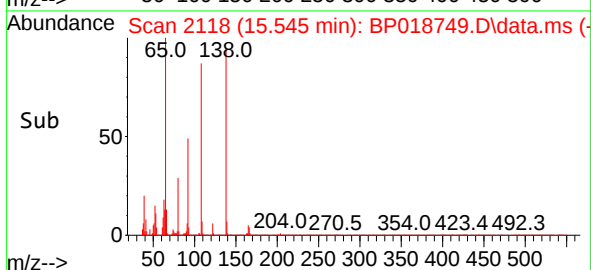
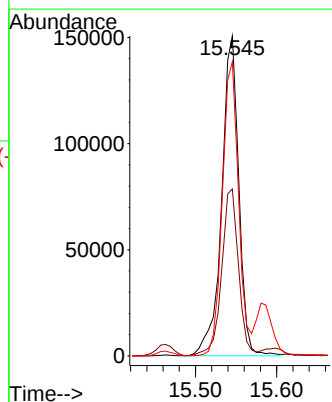
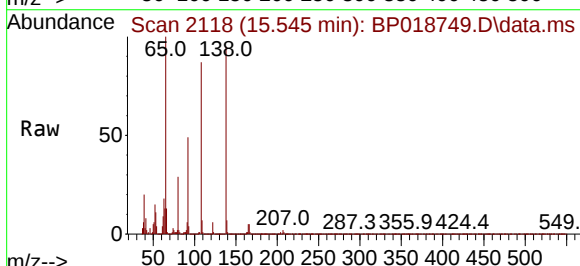
Instrument :
BNA_P
ClientSampleId :
SLCS493

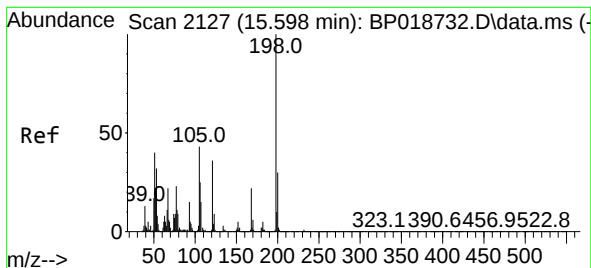
Tgt Ion:204 Resp: 558788
Ion Ratio Lower Upper
204 100
206 33.6 27.1 40.7
141 54.4 45.8 68.8



#63
4-Nitroaniline
Concen: 36.383 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:138 Resp: 221902
Ion Ratio Lower Upper
138 100
92 52.2 42.3 63.5
108 91.9 62.0 93.0

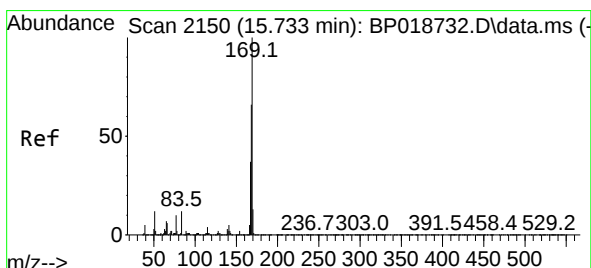
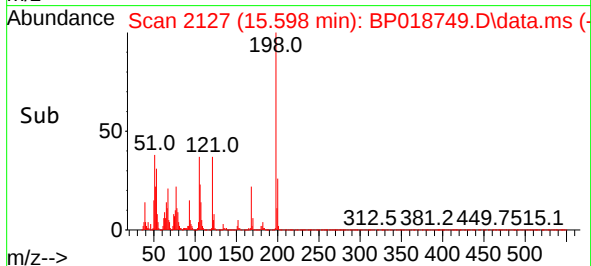
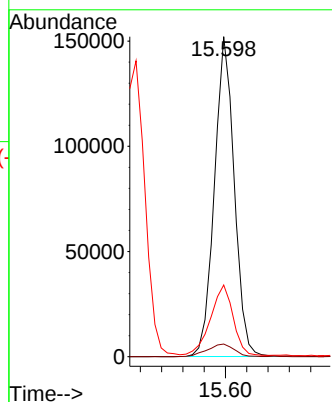
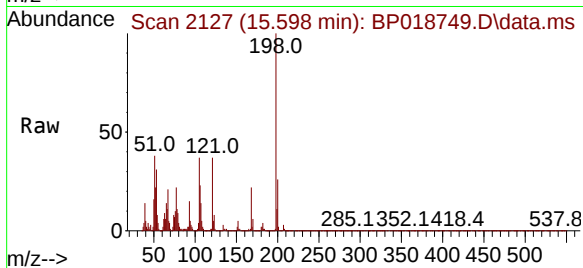




#66
4,6-Dinitro-2-methylphenol
Concen: 34.331 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

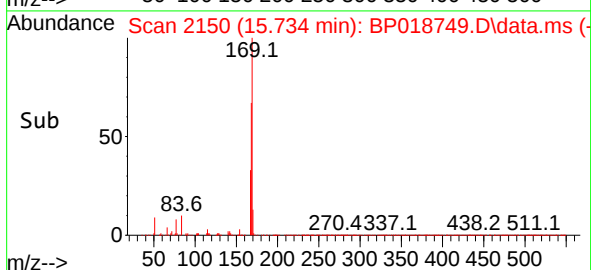
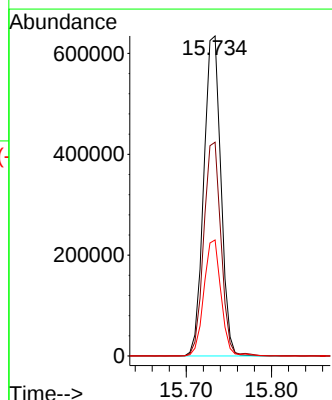
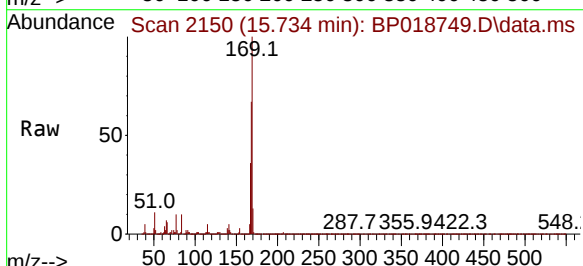
Instrument :
BNA_P
ClientSampleId :
SLCS493

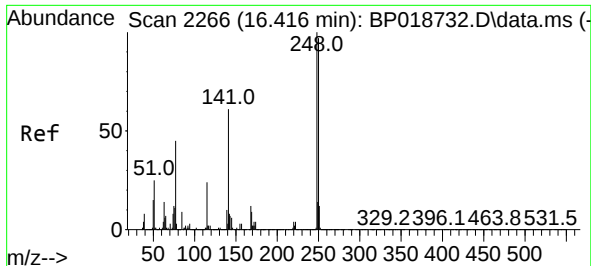
Tgt Ion:198 Resp: 196605
Ion Ratio Lower Upper
198 100
182 4.0 3.4 5.2
77 22.4 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 29.785 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:169 Resp: 881702
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.3 29.1 43.7

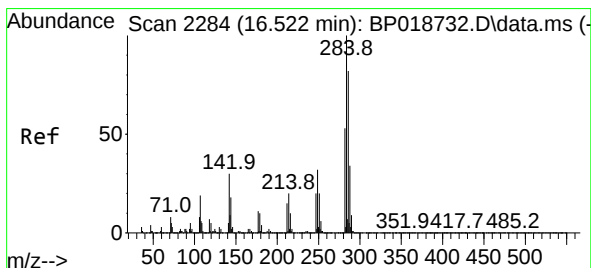
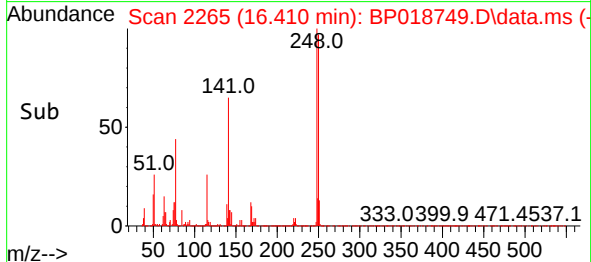
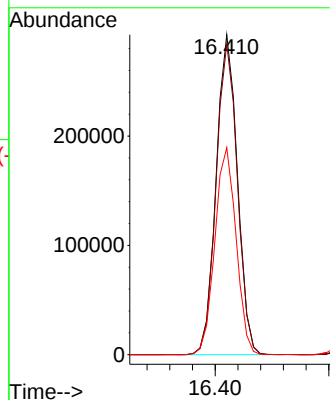
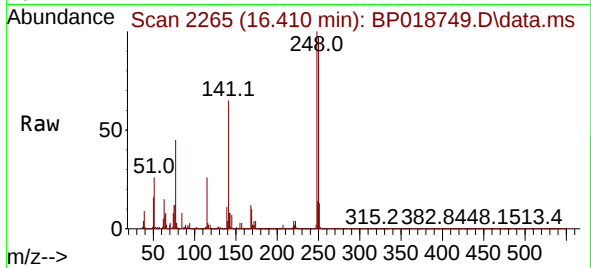




#68
4-Bromophenyl-phenylether
Concen: 33.701 ng/ul
RT: 16.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

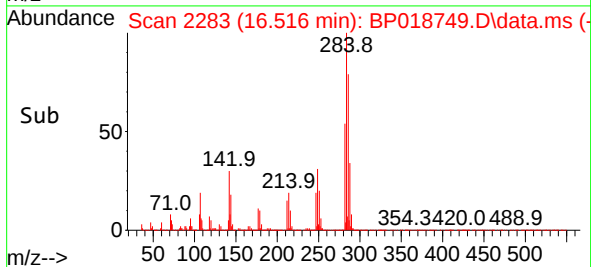
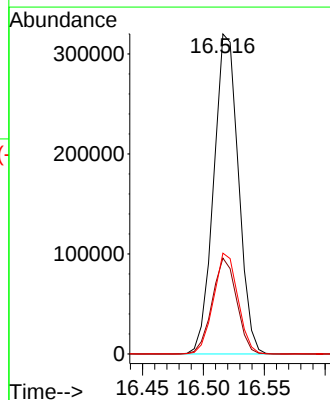
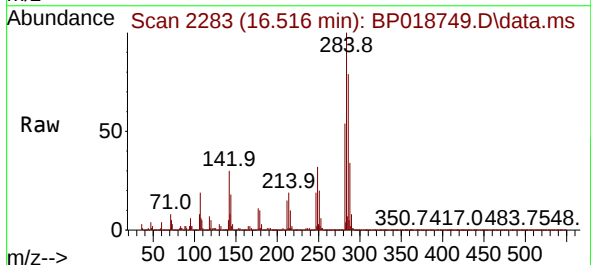
Instrument :
BNA_P
ClientSampleId :
SLCS493

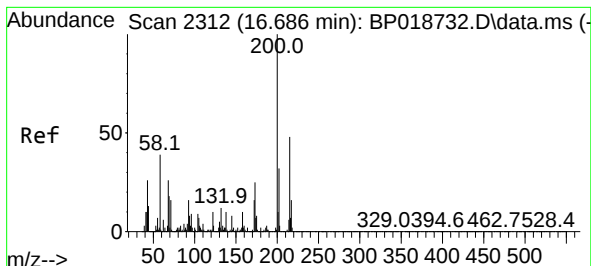
Tgt Ion:248 Resp: 380075
Ion Ratio Lower Upper
248 100
250 97.1 79.3 118.9
141 64.7 57.2 85.8



#69
Hexachlorobenzene
Concen: 35.830 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:284 Resp: 451154
Ion Ratio Lower Upper
284 100
142 29.9 25.8 38.6
249 31.5 24.9 37.3





#70

Atrazine

Concen: 27.795 ng/ul

RT: 16.687 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

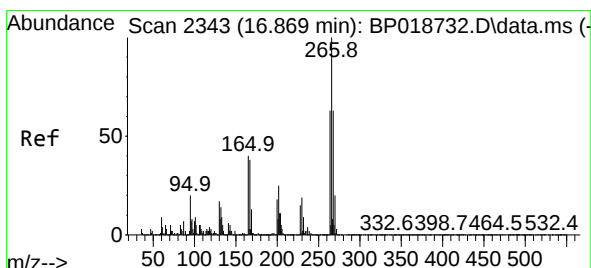
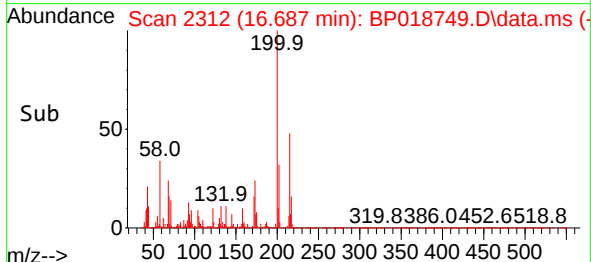
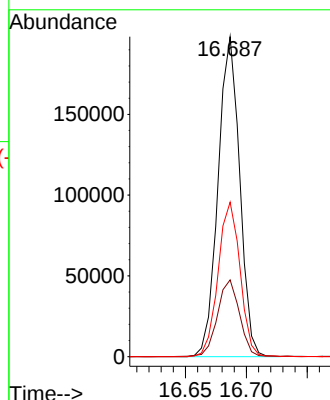
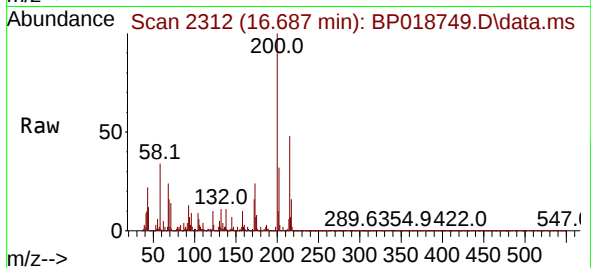
Tgt Ion:200 Resp: 244617

Ion Ratio Lower Upper

200 100

173 24.0 21.0 31.4

215 48.3 38.2 57.2



#71

Pentachlorophenol

Concen: 35.047 ng/ul

RT: 16.869 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

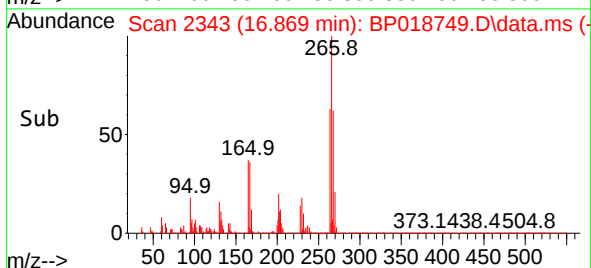
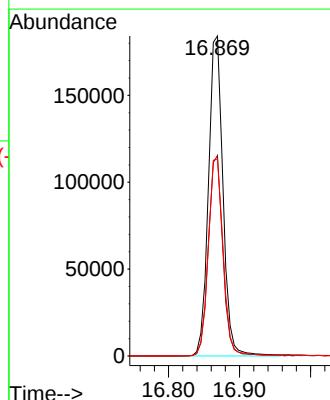
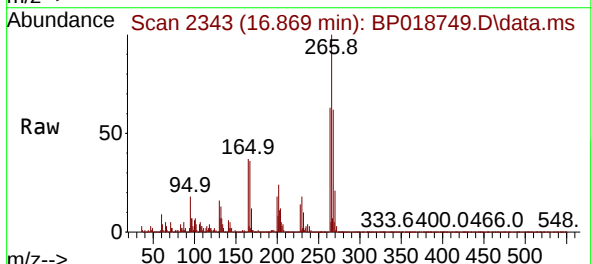
Tgt Ion:266 Resp: 262452

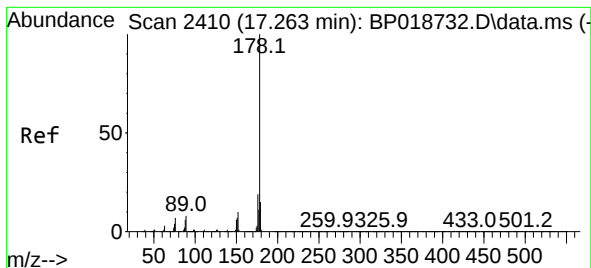
Ion Ratio Lower Upper

266 100

264 62.6 50.2 75.2

268 61.5 50.5 75.7





#72

Phenanthrene

Concen: 31.625 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

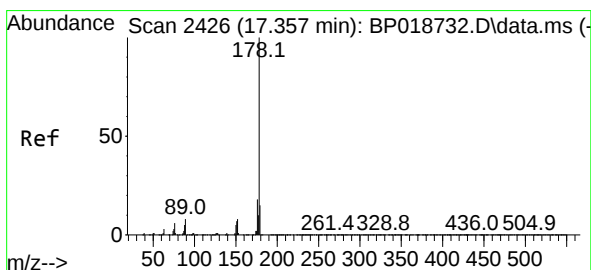
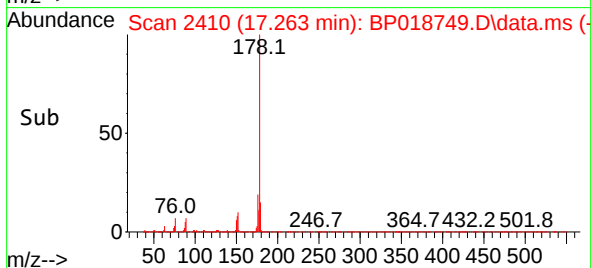
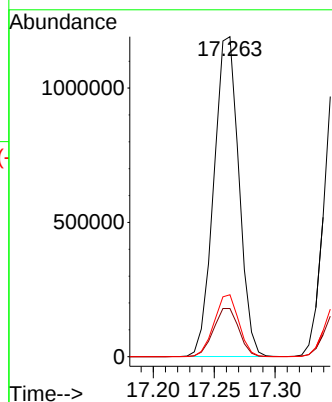
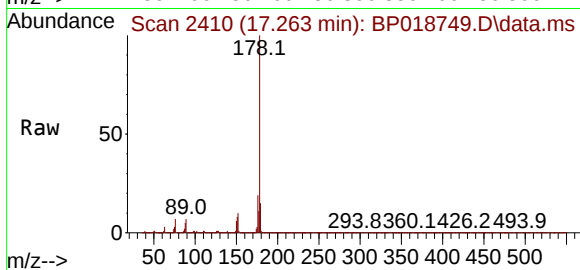
Tgt Ion:178 Resp: 1706231

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 19.4 15.4 23.2



#74

Anthracene

Concen: 31.041 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

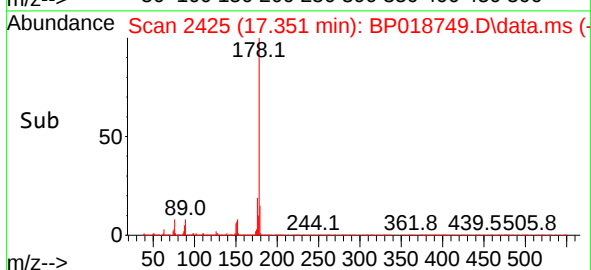
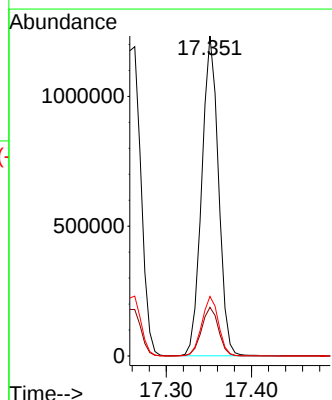
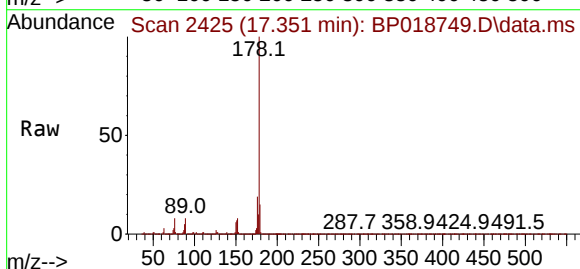
Tgt Ion:178 Resp: 1678693

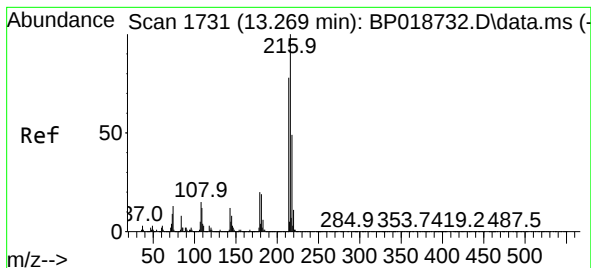
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.613 ng/uL

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

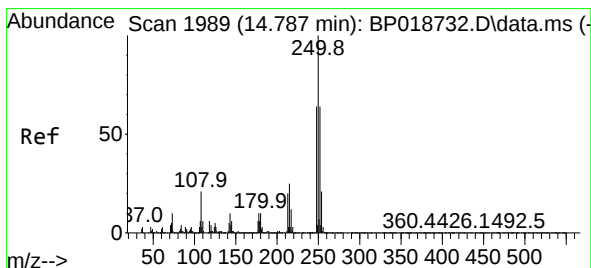
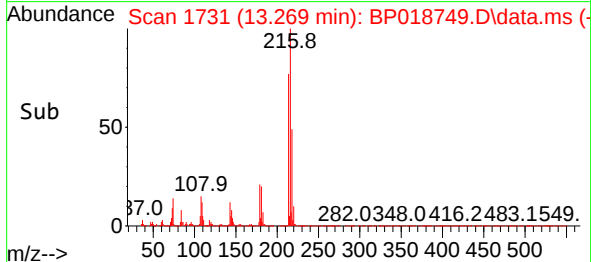
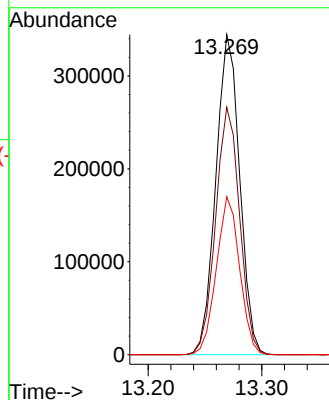
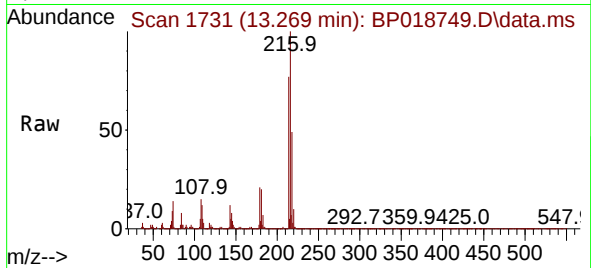
Tgt Ion:216 Resp: 503758

Ion Ratio Lower Upper

216 100

214 77.3 61.4 92.2

218 49.4 39.2 58.8



#76

Pentachlorobenzene

Concen: 33.956 ng/uL

RT: 14.787 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

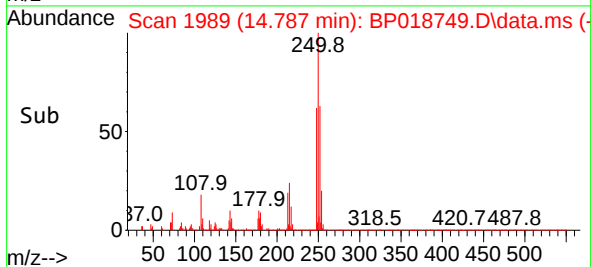
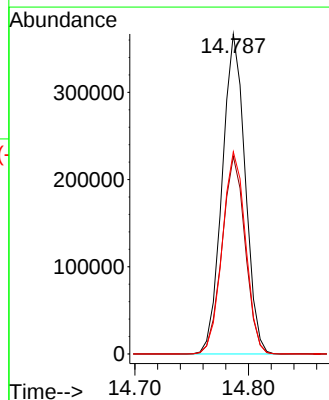
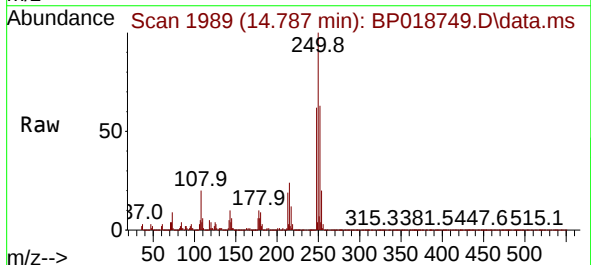
Tgt Ion:250 Resp: 515213

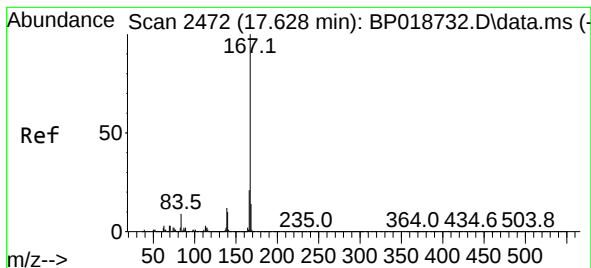
Ion Ratio Lower Upper

250 100

248 61.7 50.6 75.8

252 63.2 51.3 76.9





#77

Carbazole

Concen: 35.658 ng/ul

RT: 17.628 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

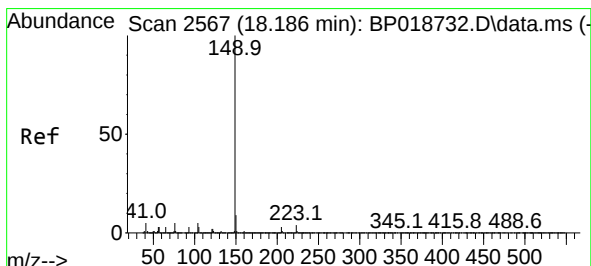
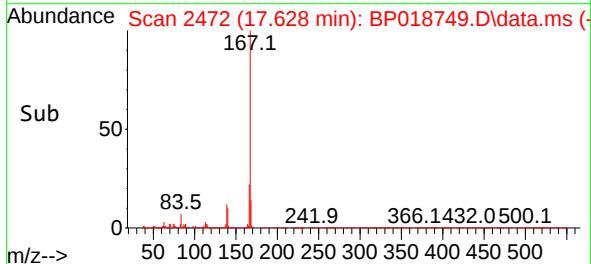
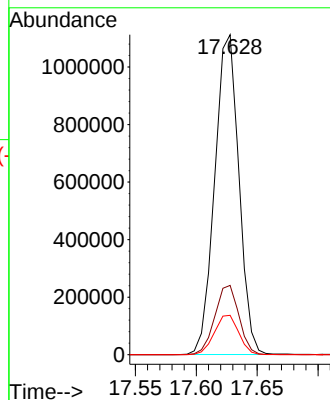
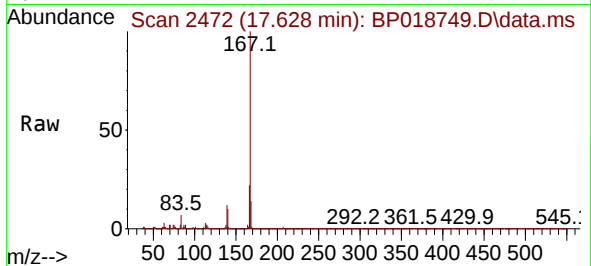
Tgt Ion:167 Resp: 1536910

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.3 10.2 15.4



#78

Di-n-butylphthalate

Concen: 32.392 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

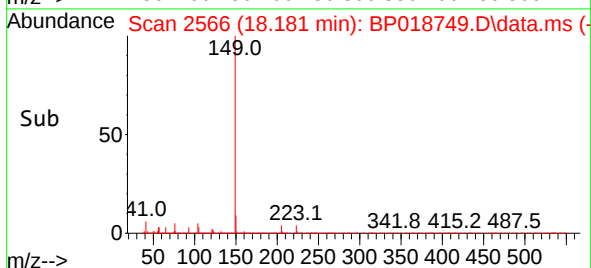
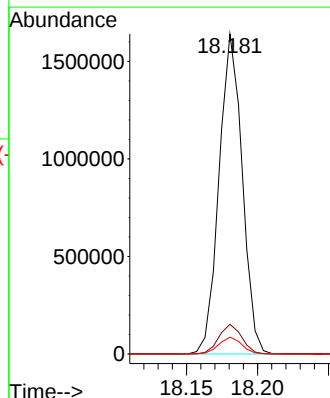
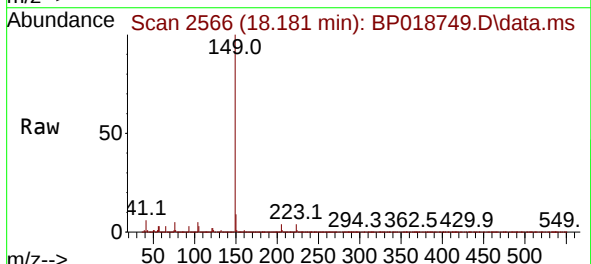
Tgt Ion:149 Resp: 1859078

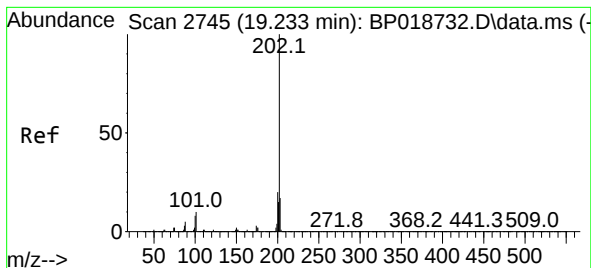
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.3 3.9 5.9





#80

Fluoranthene

Concen: 25.018 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

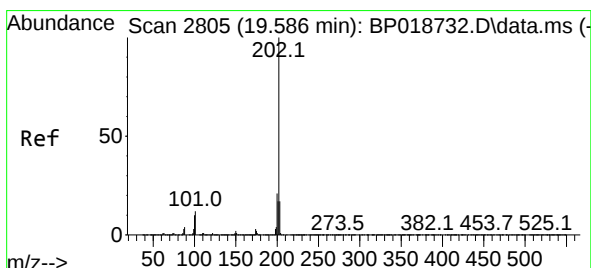
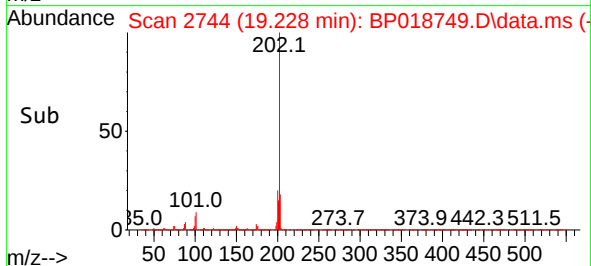
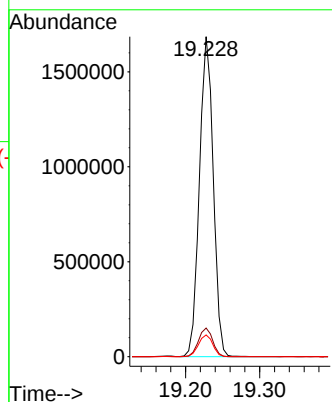
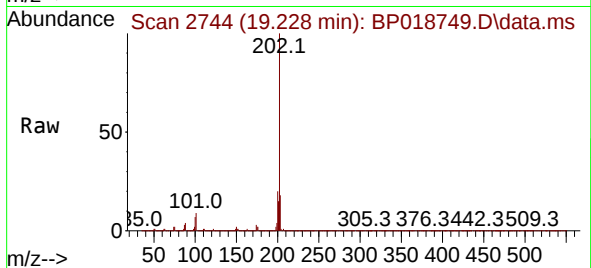
Tgt Ion:202 Resp: 2179469

Ion Ratio Lower Upper

202 100

101 9.0 9.1 13.7#

100 6.8 7.1 10.7#



#82

Pyrene

Concen: 25.269 ng/ul

RT: 19.581 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

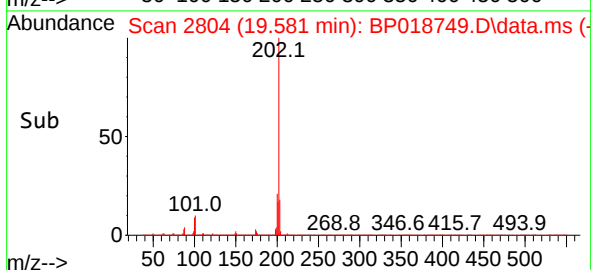
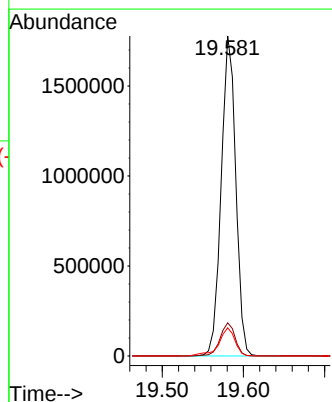
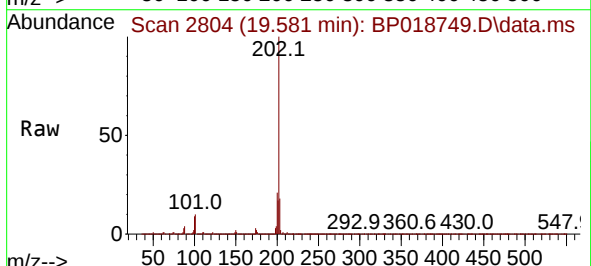
Tgt Ion:202 Resp: 2220766

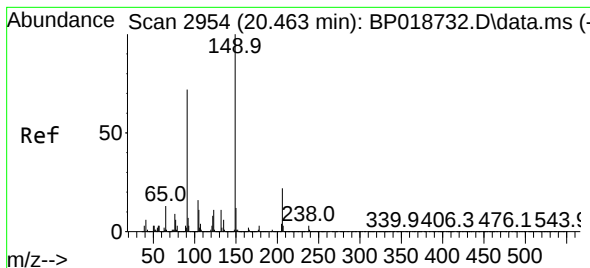
Ion Ratio Lower Upper

202 100

101 10.4 11.0 16.4#

100 8.8 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 26.804 ng/ul

RT: 20.463 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

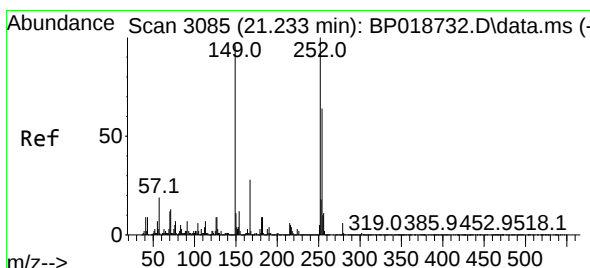
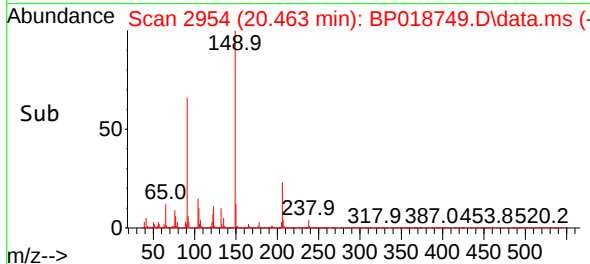
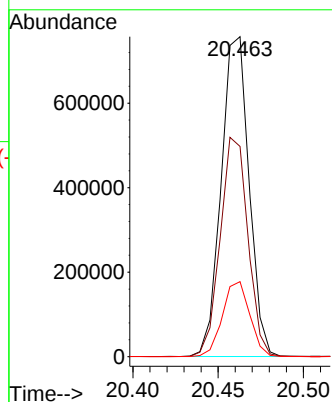
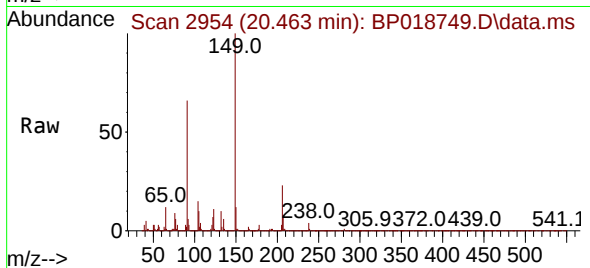
Tgt Ion:149 Resp: 862402

Ion Ratio Lower Upper

149 100

91 65.7 56.6 85.0

206 23.4 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 34.672 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

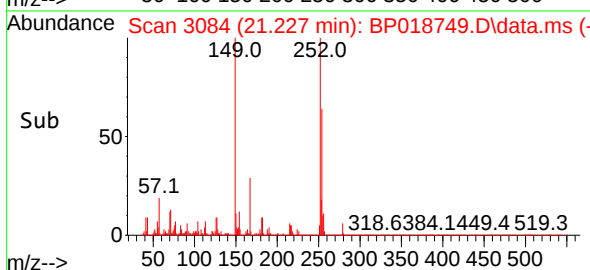
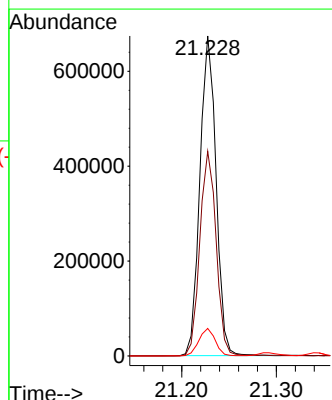
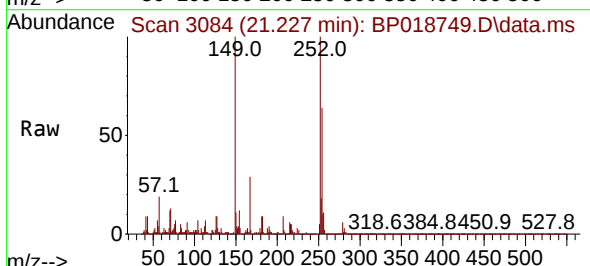
Tgt Ion:252 Resp: 797741

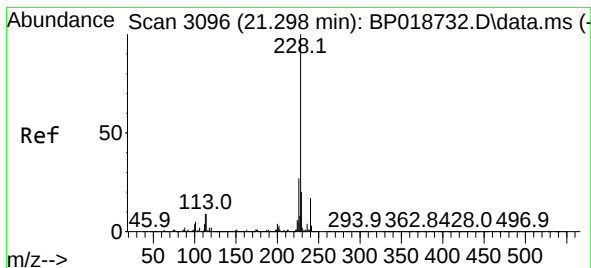
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 8.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 31.758 ng/ul

RT: 21.292 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

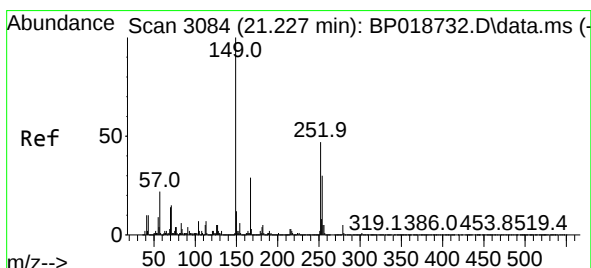
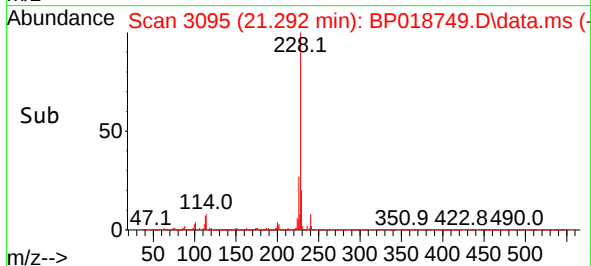
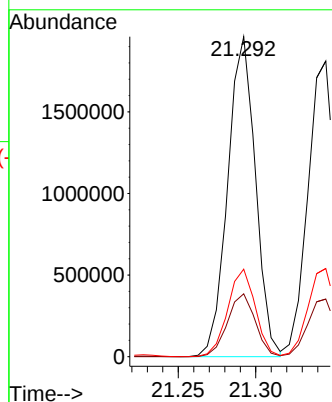
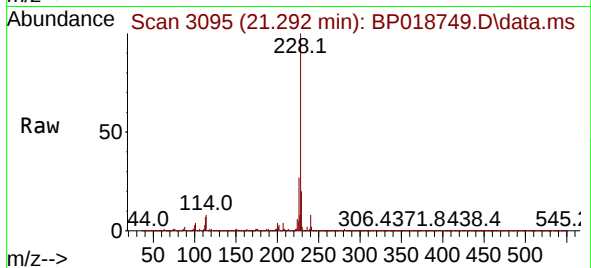
Tgt Ion:228 Resp: 2440636

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.892 ng/ul

RT: 21.222 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

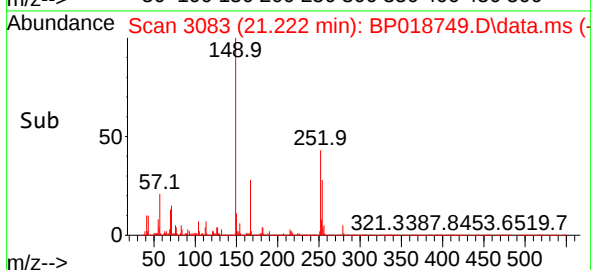
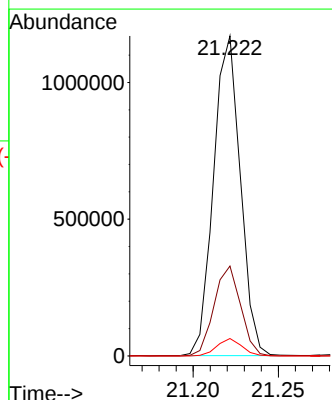
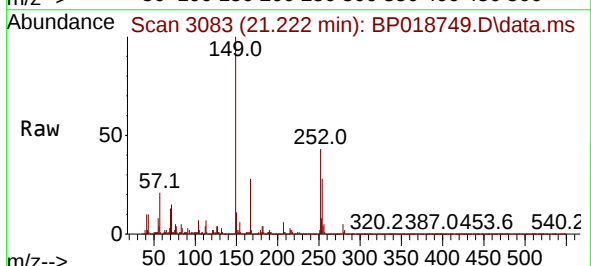
Tgt Ion:149 Resp: 1277660

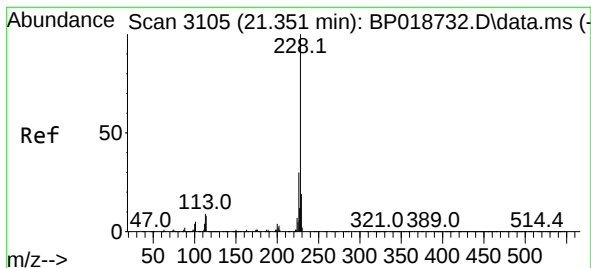
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 5.4 3.3 4.9





#87

Chrysene

Concen: 32.187 ng/ul

RT: 21.345 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

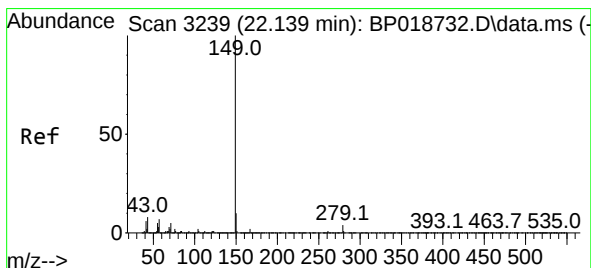
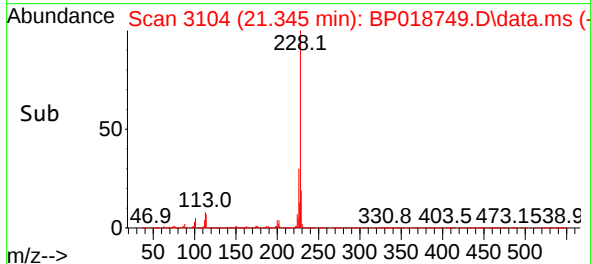
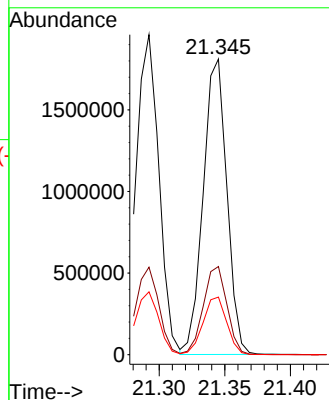
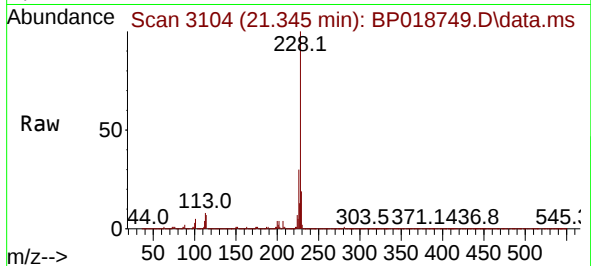
Tgt Ion:228 Resp: 2277910

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 27.933 ng/ul

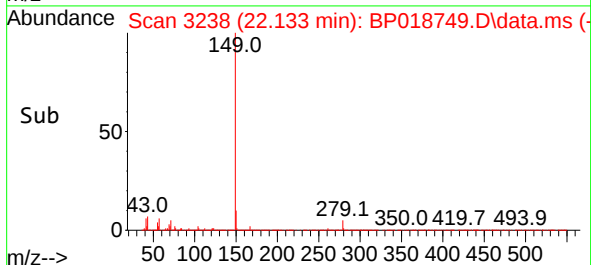
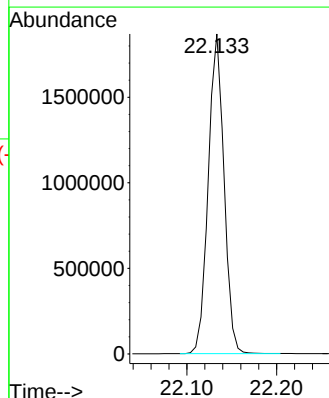
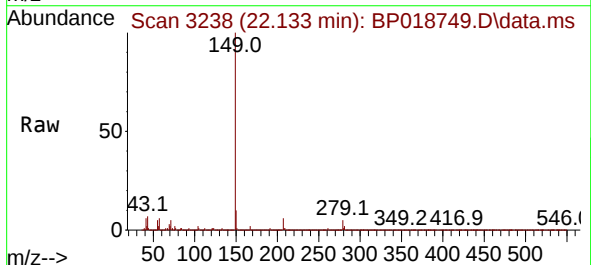
RT: 22.133 min Scan# 3238

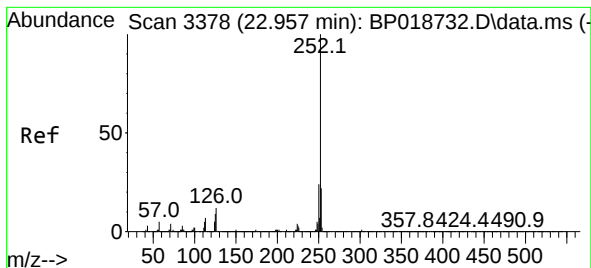
Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Tgt Ion:149 Resp: 2277413





#90

Benzo(b)fluoranthene

Concen: 32.699 ng/ul

RT: 22.951 min Scan# 3377

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

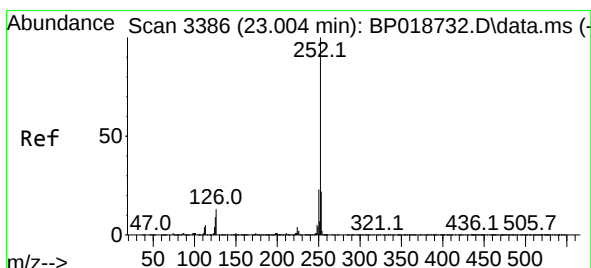
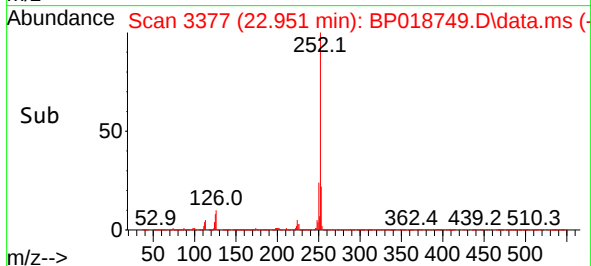
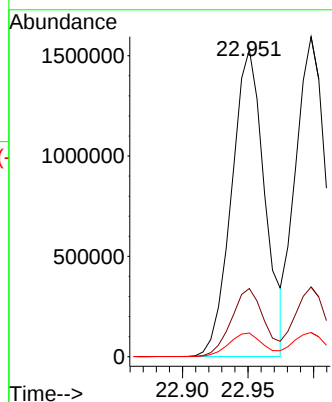
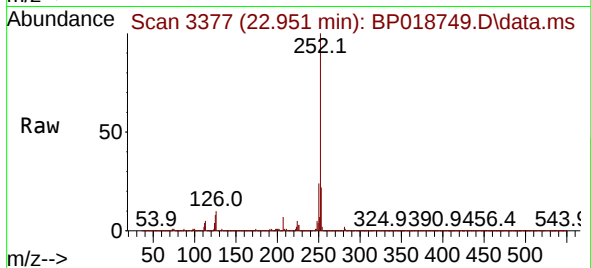
Tgt Ion:252 Resp: 2692279

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 7.7 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 32.179 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

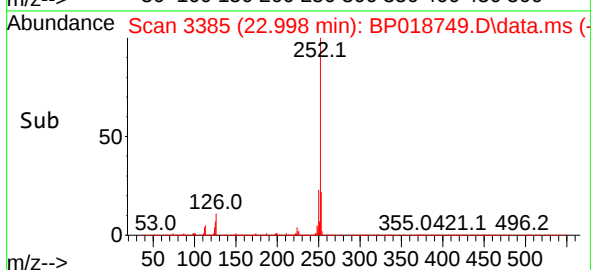
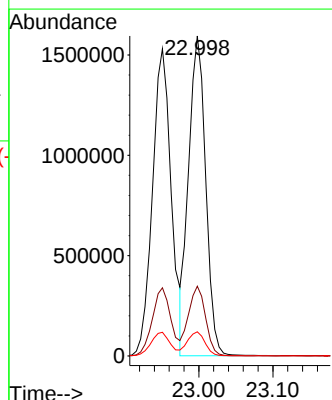
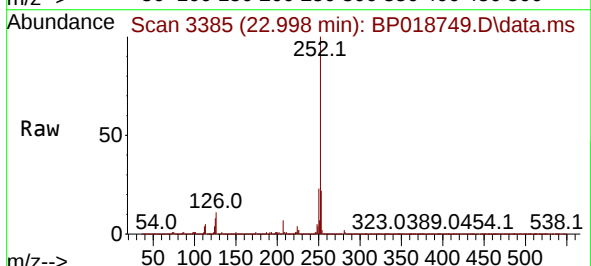
Tgt Ion:252 Resp: 2563512

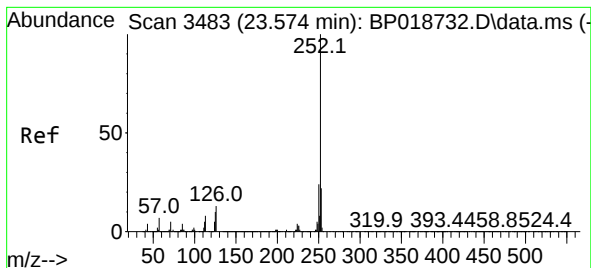
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 7.5 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 33.322 ng/ul

RT: 23.569 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

Instrument :

BNA_P

ClientSampleId :

SLCS493

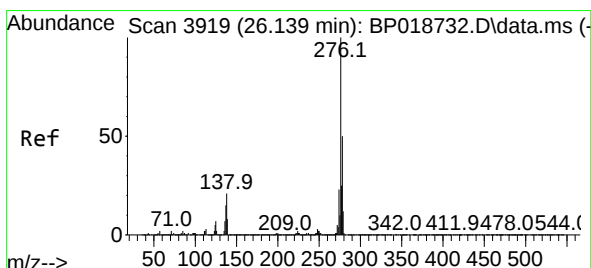
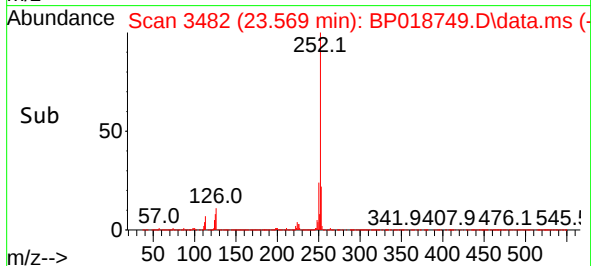
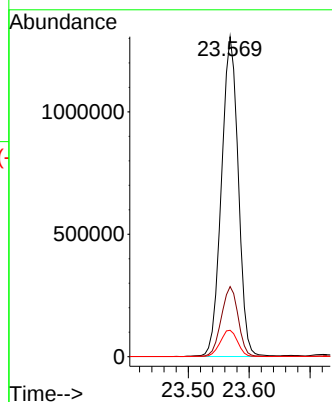
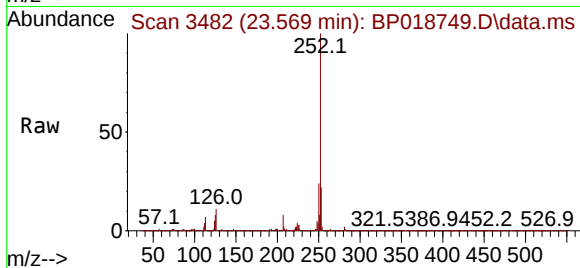
Tgt Ion:252 Resp: 2506884

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 8.3 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 36.280 ng/ul

RT: 26.133 min Scan# 3918

Delta R.T. -0.006 min

Lab File: BP018749.D

Acq: 12 Dec 2023 03:53

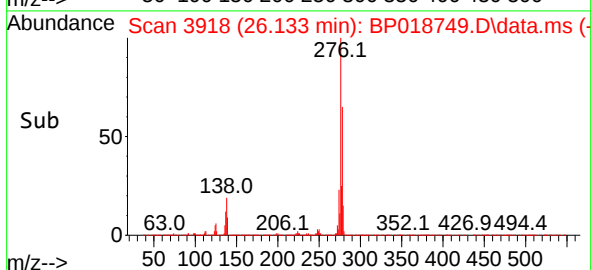
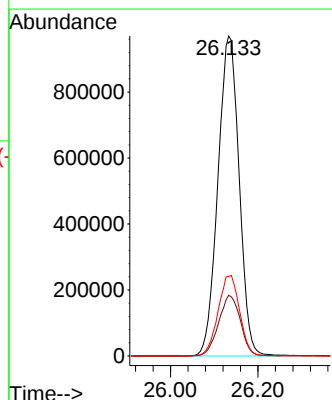
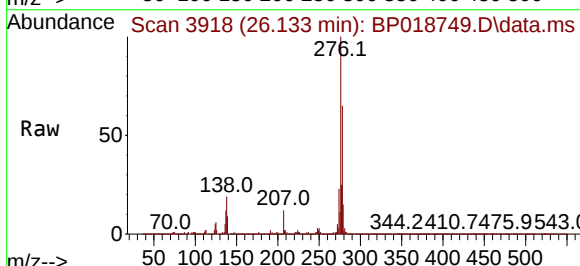
Tgt Ion:276 Resp: 3261091

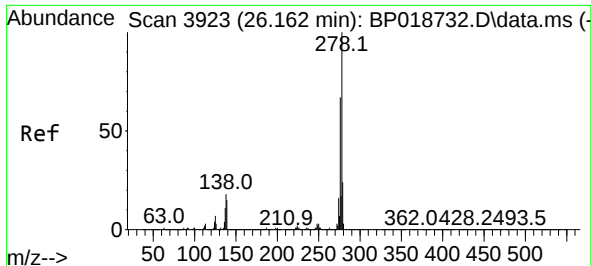
Ion Ratio Lower Upper

276 100

138 19.0 19.4 29.2#

277 24.8 19.8 29.6

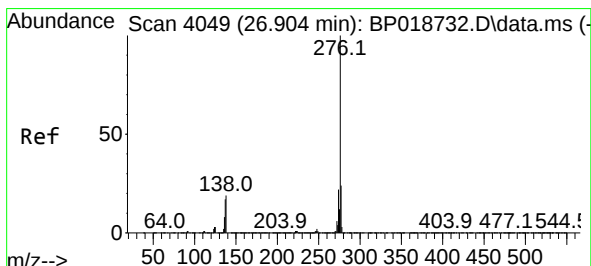
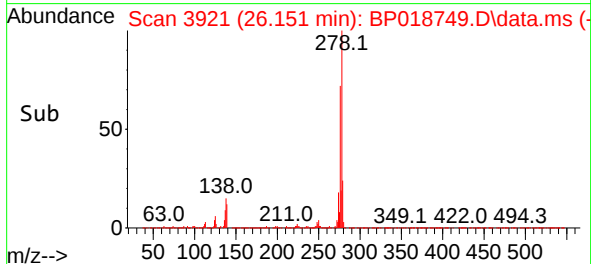
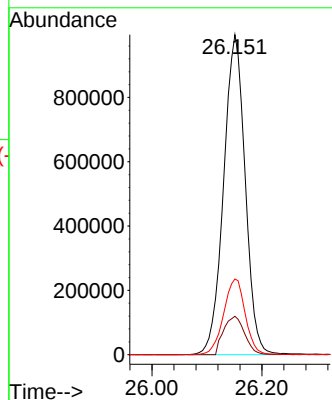
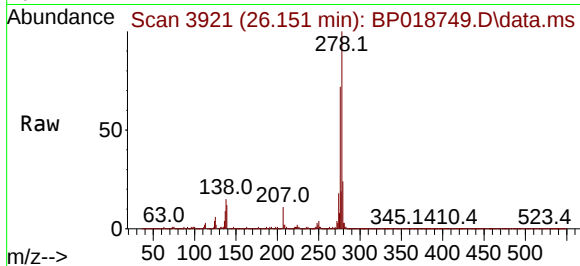




#95
Dibenzo(a,h)anthracene
Concen: 36.233 ng/ul
RT: 26.151 min Scan# 3923
Delta R.T. -0.012 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Instrument :
BNA_P
ClientSampleId :
SLCS493

Tgt Ion:278 Resp: 2709280
Ion Ratio Lower Upper
278 100
139 12.0 13.0 19.6#
279 23.7 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 36.265 ng/ul
RT: 26.886 min Scan# 4046
Delta R.T. -0.017 min
Lab File: BP018749.D
Acq: 12 Dec 2023 03:53

Tgt Ion:276 Resp: 2623349
Ion Ratio Lower Upper
276 100
138 16.5 18.1 27.1#
277 23.6 19.4 29.0

