

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019196.D
 Acq On : 30 Dec 2023 08:53
 Operator : MA/JU
 Sample : PB158075BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS075

Quant Time: Jan 01 00:21:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	205326	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	753799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	444786	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1015402	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1140810	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1373704	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	34425	5.726	ng/uL	0.00
4) Pyridine-d5	3.652	84	437726	29.008	ng/u1	0.00
7) Phenol-d5	6.975	99	488640	26.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	294340	27.632	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	395599	26.650	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	368094	25.677	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	178498	27.393	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	192032	27.268	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	392298	27.587	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	472921	27.037	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1042953	26.547	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1205538	28.280	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	191082	28.803	ng/u1	0.00
60) Fluorene-d10	15.439	176	921360	27.146	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	182978	27.488	ng/u1	0.00
73) Anthracene-d10	17.298	188	1455676	27.451	ng/u1	0.00
81) Pyrene-d10	19.545	212	1888272	27.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	2203145	27.902	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	67723	10.245	ng/uL	99
5) Pyridine	3.669	79	439064	28.665	ng/u1	97
6) Benzaldehyde	6.946	77	261160	30.547	ng/u1	97
8) Phenol	7.005	94	500804	27.536	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.228	93	407645	27.702	ng/u1	99
12) 2-Chlorophenol	7.363	128	408256	26.871	ng/u1	100
13) 2-Methylphenol	8.252	108	362519	26.945	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	474228	27.319	ng/u1	100
16) Acetophenone	8.628	105	580698	27.047	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.616	70	268727	25.100	ng/u1	98
18) 4-Methylphenol	8.581	108	386296	26.675	ng/u1	98
19) Hexachloroethane	8.869	117	177690	27.883	ng/u1	96
22) Nitrobenzene	9.004	77	433865	27.254	ng/u1	98
23) Isophorone	9.534	82	758753	26.431	ng/u1	98
25) 2-Nitrophenol	9.716	139	211762	28.163	ng/u1	98
26) 2,4-Dimethylphenol	9.781	107	344000	25.987	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	502905	26.505	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	378778	27.257	ng/u1	99
30) Naphthalene	10.646	128	1215636	26.748	ng/u1	100
32) 4-Chloroaniline	10.763	127	430868	25.671	ng/u1	99
33) Hexachlorobutadiene	10.922	225	294542	27.541	ng/u1	98
34) Caprolactam	11.551	113	103349	28.156	ng/u1	93
35) 4-Chloro-3-methylphenol	11.898	107	365403	26.786	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	813141	26.537	ng/u1	100

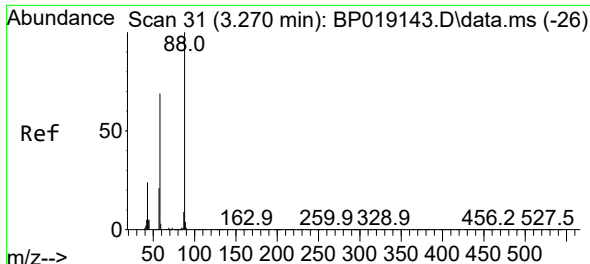
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	797859	25.821	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	512470	27.975	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	274221	26.969	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	300965	27.530	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	322206	27.765	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1051801	27.108	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	853252	27.406	ng/ul	99
45) 2-Nitroaniline	13.528	65	213900	28.619	ng/ul	93
47) Dimethylphthalate	13.910	163	1046207	26.977	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	204885	28.751	ng/ul	99
50) Acenaphthylene	14.163	152	1345317	28.050	ng/ul	100
51) 3-Nitroaniline	14.357	138	202327	29.042	ng/ul	99
52) Acenaphthene	14.504	153	891333	27.420	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	113800	24.788	ng/ul	95
55) 4-Nitrophenol	14.675	109	151402	28.556	ng/ul	95
56) Dibenzofuran	14.839	168	1247156	26.866	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	309086	29.492	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	284385	28.048	ng/ul	98
59) Diethylphthalate	15.275	149	1010144	26.865	ng/ul	100
61) Fluorene	15.492	166	1009415	27.168	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	544973	26.858	ng/ul	98
63) 4-Nitroaniline	15.528	138	200229	28.566	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	197878	28.076	ng/ul	100
67) N-Nitrosodiphenylamine	15.710	169	860879	27.779	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	351927	27.885	ng/ul	99
69) Hexachlorobenzene	16.498	284	422534	27.396	ng/ul	99
70) Atrazine	16.669	200	320961	36.699	ng/ul	99
71) Pentachlorophenol	16.845	266	256730	28.351	ng/ul	99
72) Phenanthrene	17.239	178	1688973	27.447	ng/ul	99
74) Anthracene	17.333	178	1710875	27.928	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	495528	28.067	ng/ul	100
76) Pentachlorobenzene	14.757	250	476408	27.155	ng/ul	98
77) Carbazole	17.610	167	1565422	30.720	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1785633	28.255	ng/ul	100
80) Fluoranthene	19.216	202	2189388	27.442	ng/ul	100
82) Pyrene	19.569	202	2304415	27.569	ng/ul	100
83) Butylbenzylphthalate	20.457	149	840946	28.165	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	796196	27.900	ng/ul	100
85) Benzo(a)anthracene	21.286	228	2536506	28.141	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1231269	28.005	ng/ul	99
87) Chrysene	21.339	228	2348233	27.939	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	2193909	27.928	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2652599	27.491	ng/ul	100
91) Benzo(k)fluoranthene	22.998	252	2674263	28.205	ng/ul	99
93) Benzo(a)pyrene	23.562	252	2550997	28.089	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.121	276	3296450	28.315	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	2729677	28.185	ng/ul	99
96) Benzo(g,h,i)perylene	26.880	276	2671187	28.631	ng/ul	98

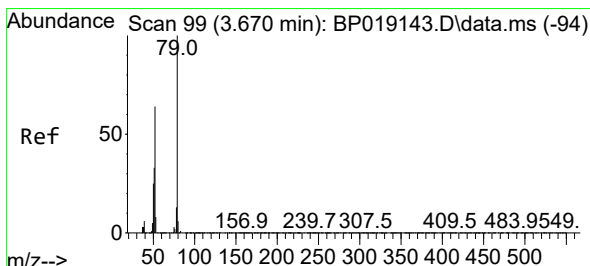
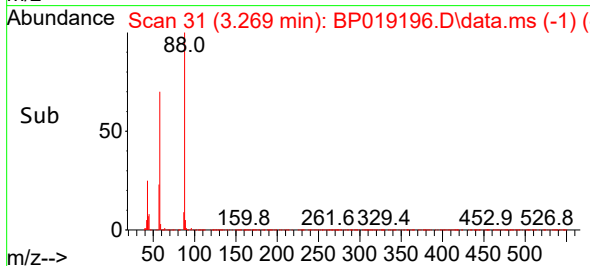
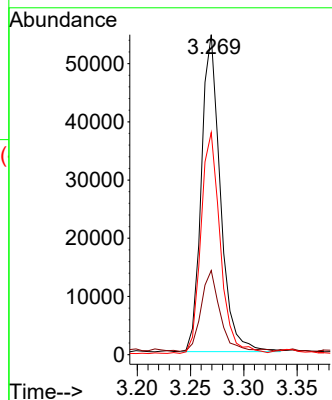
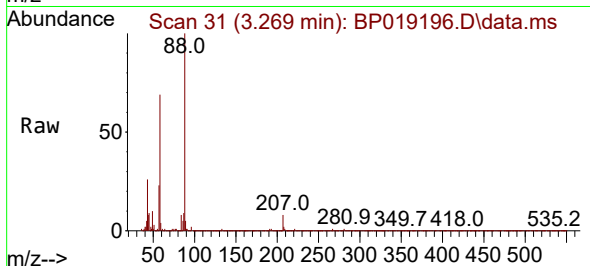
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#2
1,4-Dioxane
Concen: 10.245 ng/uL
RT: 3.269 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

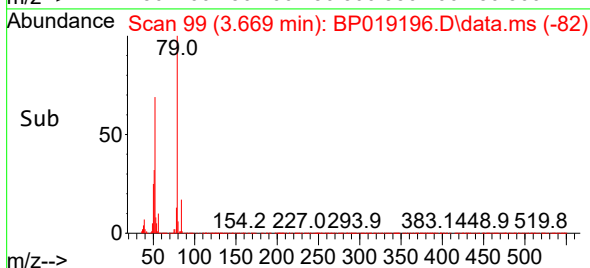
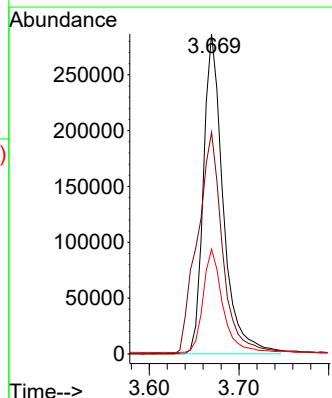
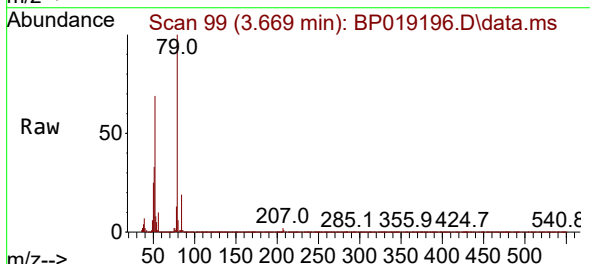
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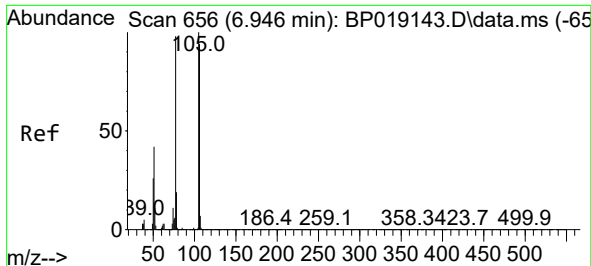
Tgt Ion: 88 Resp: 67723
Ion Ratio Lower Upper
88 100
43 26.3 21.0 31.4
58 69.4 56.6 84.8



#5
Pyridine
Concen: 28.665 ng/uL
RT: 3.669 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion: 79 Resp: 439064
Ion Ratio Lower Upper
79 100
52 69.2 52.4 78.6
51 32.8 25.9 38.9

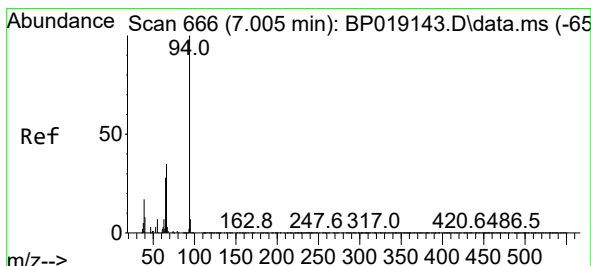
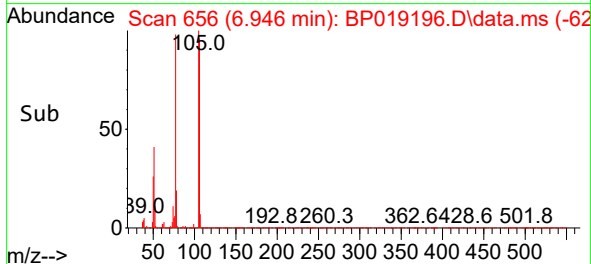
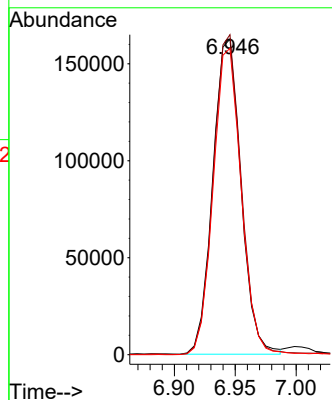
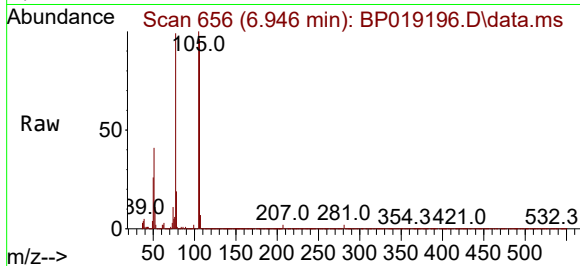




#6
Benzaldehyde
Concen: 30.547 ng/ul
RT: 6.946 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

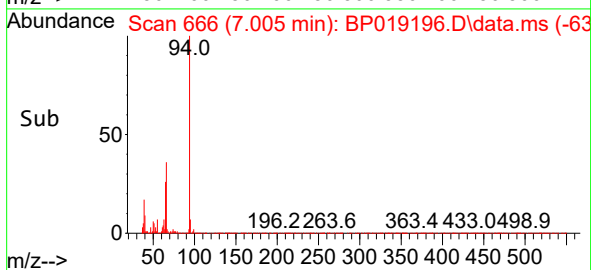
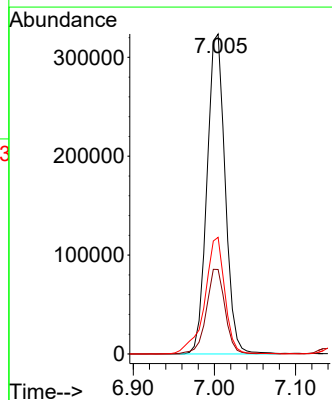
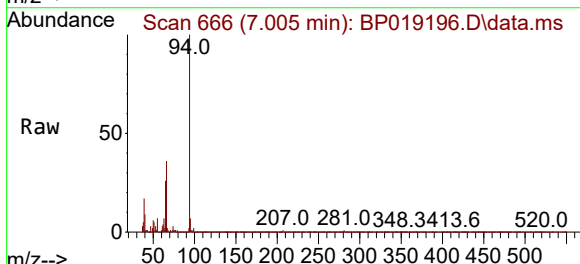
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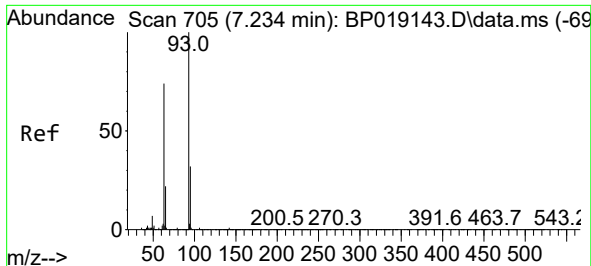
Tgt Ion: 77 Resp: 261160
Ion Ratio Lower Upper
77 100
105 101.4 78.6 117.8
106 97.1 74.8 112.2



#8
Phenol
Concen: 27.536 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion: 94 Resp: 500804
Ion Ratio Lower Upper
94 100
65 26.4 21.1 31.7
66 36.4 29.3 43.9

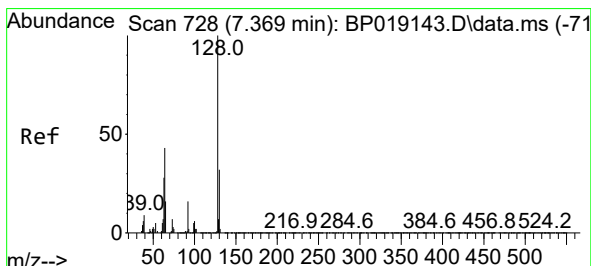
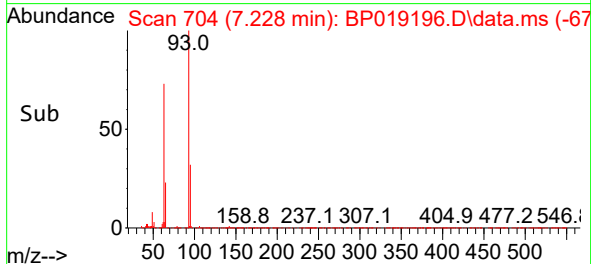
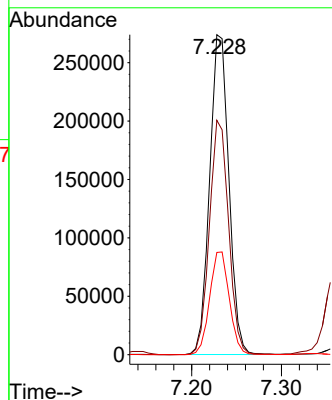
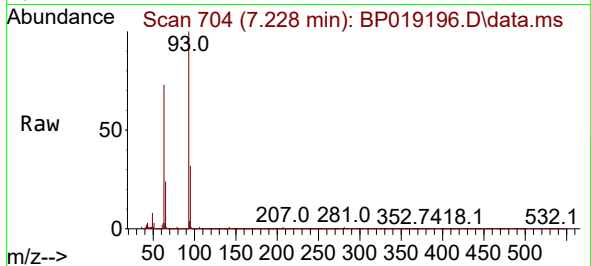




#10
Bis(2-Chloroethyl)ether
Concen: 27.702 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

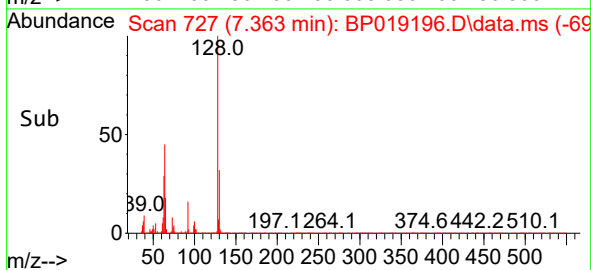
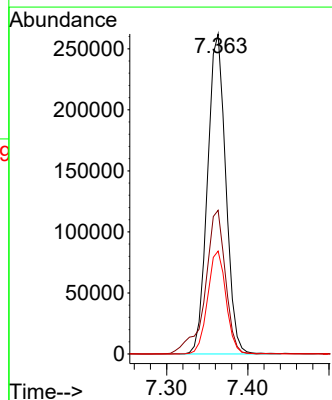
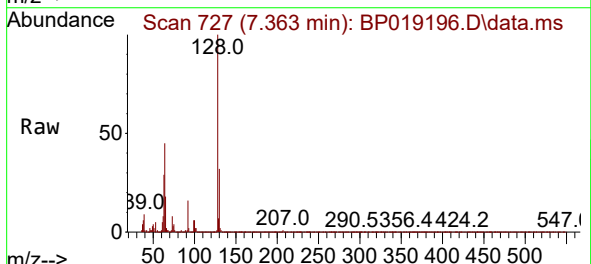
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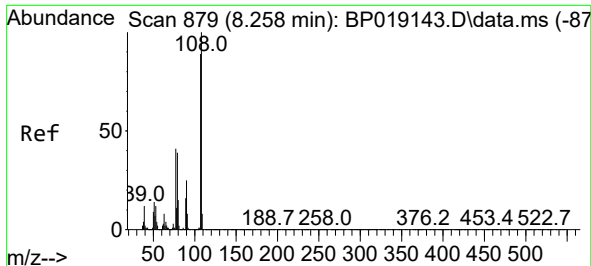
Tgt Ion: 93 Resp: 407645
Ion Ratio Lower Upper
93 100
63 73.3 59.4 89.0
95 32.0 26.6 40.0



#12
2-Chlorophenol
Concen: 26.871 ng/ul
RT: 7.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:128 Resp: 408256
Ion Ratio Lower Upper
128 100
64 44.9 35.9 53.9
130 32.1 25.3 37.9





#13

2-Methylphenol

Concen: 26.945 ng/ul

RT: 8.252 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

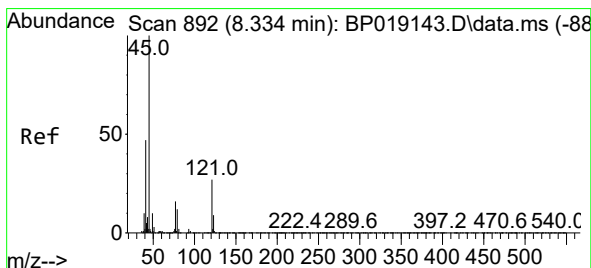
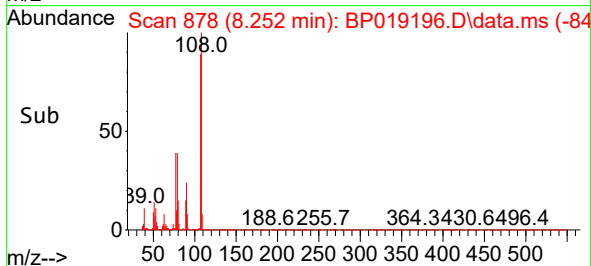
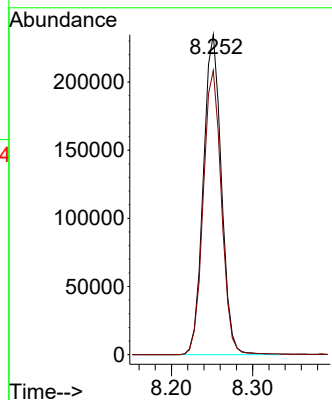
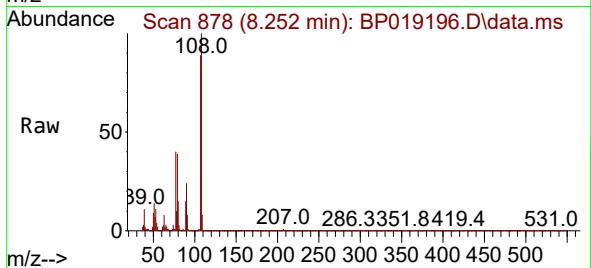
SLCS075

Tgt Ion:108 Resp: 362519

Ion Ratio Lower Upper

108 100

107 88.8 72.6 109.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.319 ng/ul

RT: 8.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

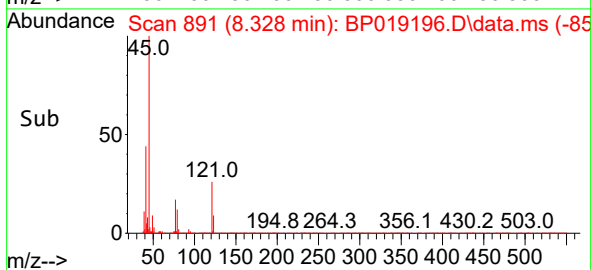
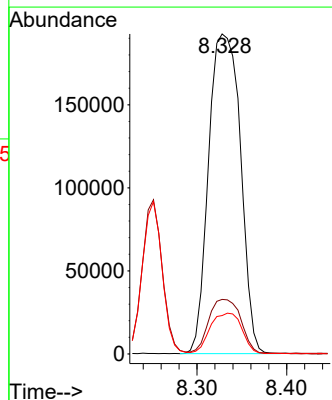
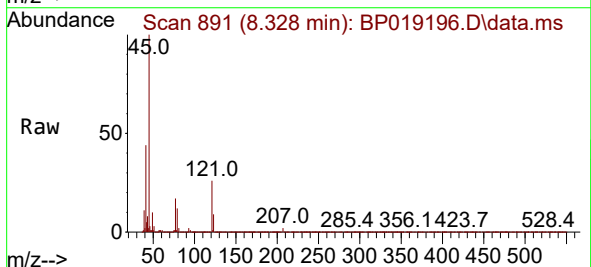
Tgt Ion: 45 Resp: 474228

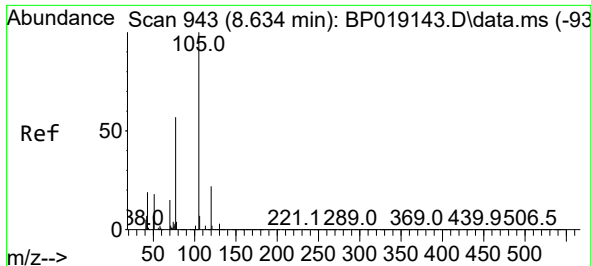
Ion Ratio Lower Upper

45 100

77 17.1 13.6 20.4

79 12.0 9.7 14.5

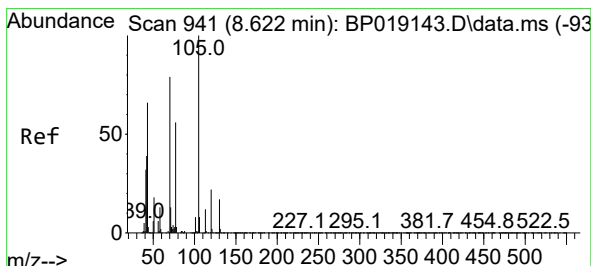
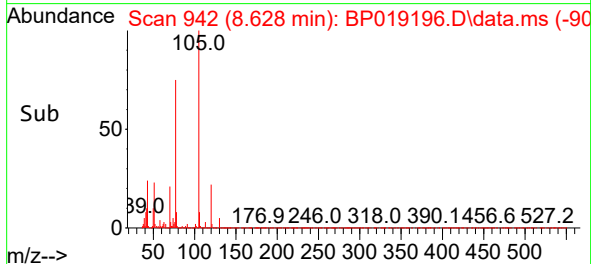
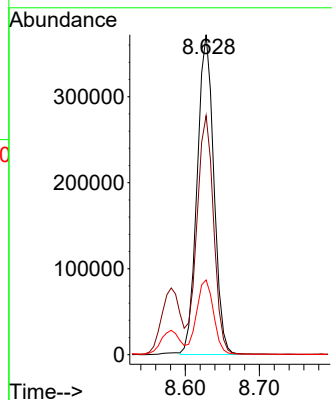
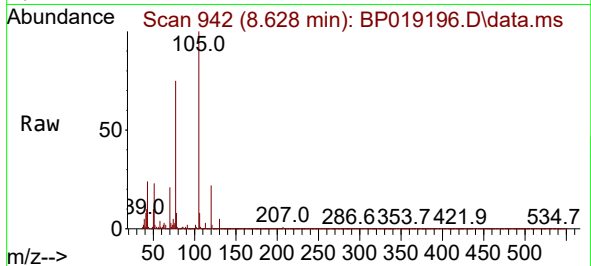




#16
Acetophenone
Concen: 27.047 ng/ul
RT: 8.628 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP019196.D
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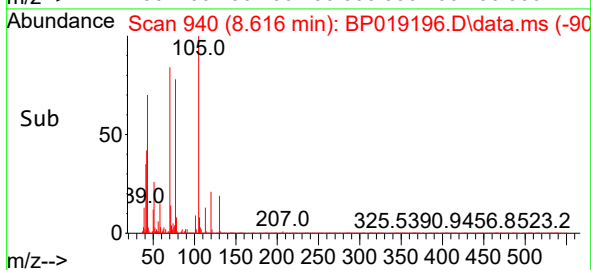
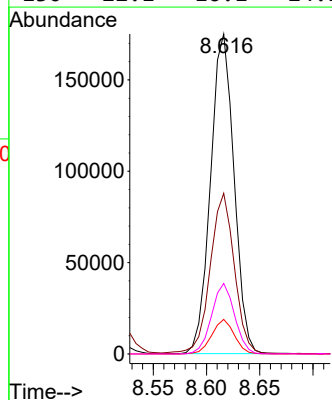
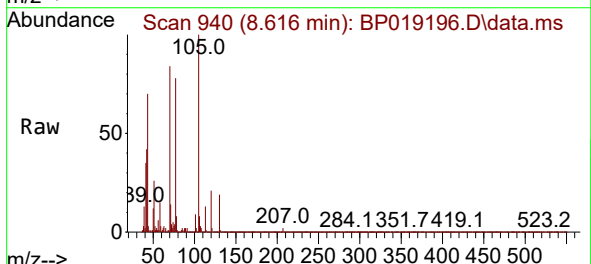
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ClientSampleId :
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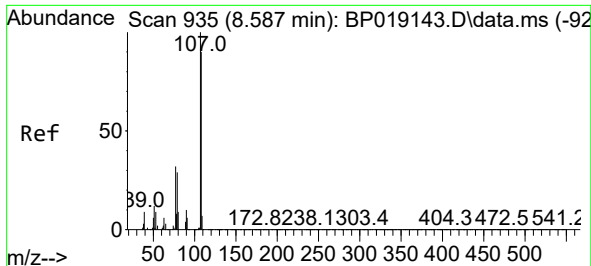
Tgt Ion:105 Resp: 580698
Ion Ratio Lower Upper
105 100
77 74.7 59.8 89.6
51 23.4 19.3 28.9



#17
N-Nitroso-di-n-propylamine
Concen: 25.100 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion: 70 Resp: 268727
Ion Ratio Lower Upper
70 100
42 50.2 40.6 61.0
101 10.8 7.3 10.9
130 22.1 16.1 24.1

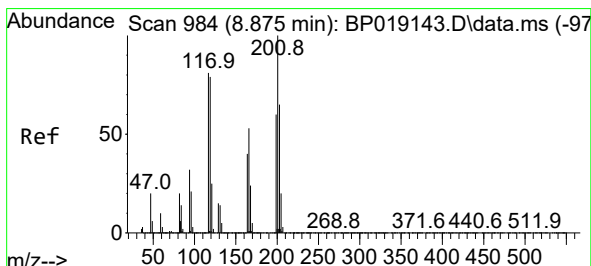
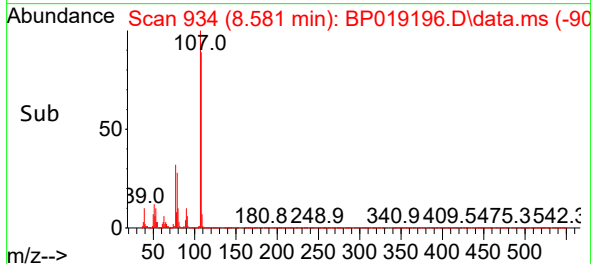
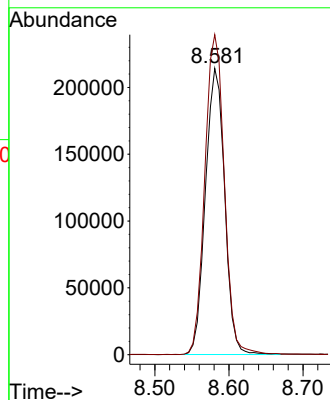
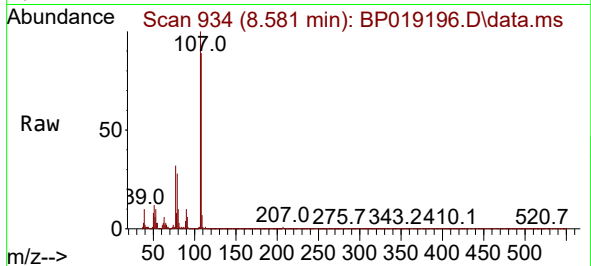




#18
4-Methylphenol
Concen: 26.675 ng/ul
RT: 8.581 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

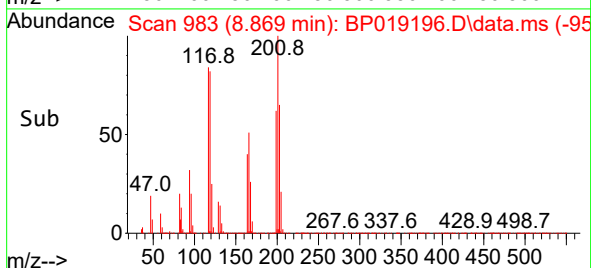
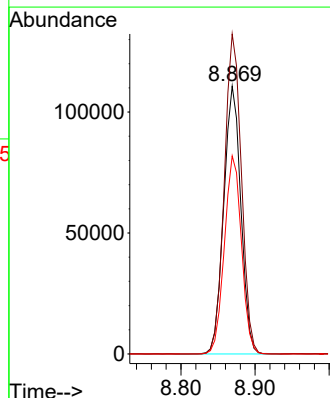
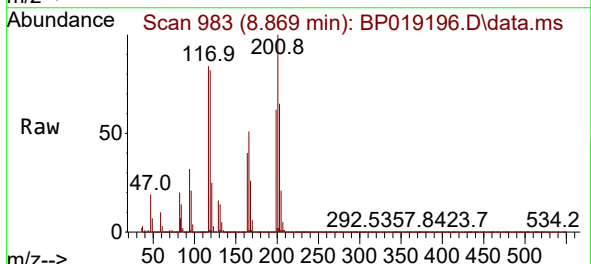
Instrument :
BNA_P
ClientSampleId :
SLCS075

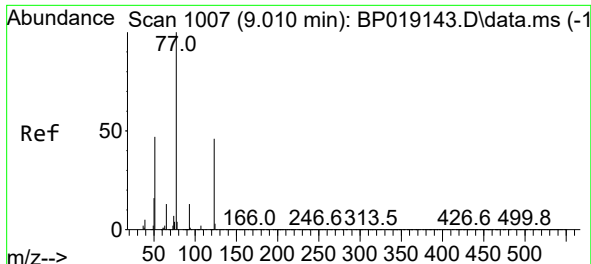
Tgt Ion:108 Resp: 386296
Ion Ratio Lower Upper
108 100
107 111.8 88.1 132.1



#19
Hexachloroethane
Concen: 27.883 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:117 Resp: 177690
Ion Ratio Lower Upper
117 100
201 119.4 92.5 138.7
199 74.0 56.9 85.3

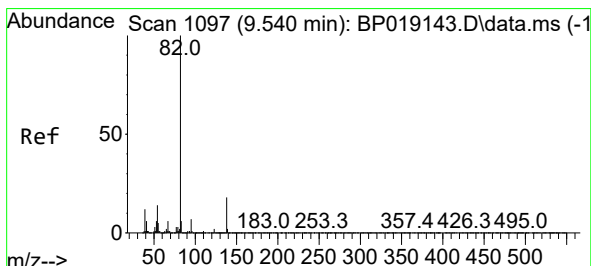
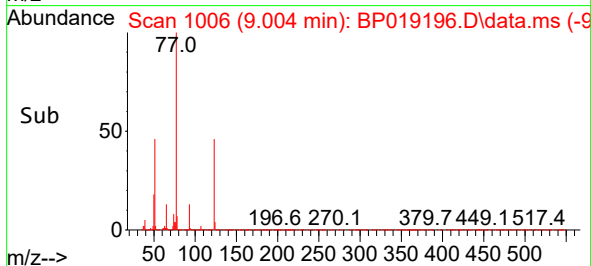
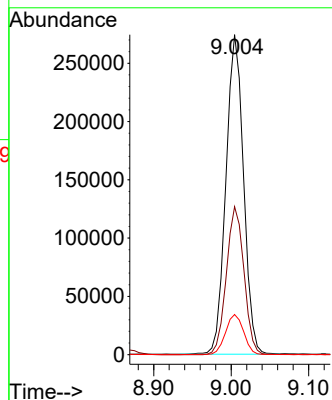
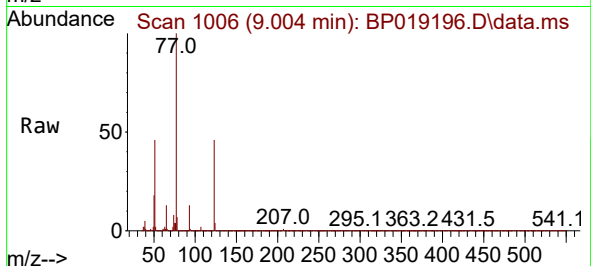




#22
Nitrobenzene
Concen: 27.254 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

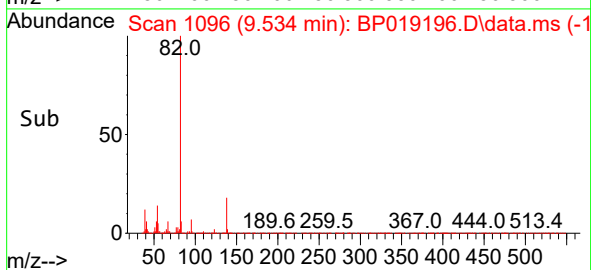
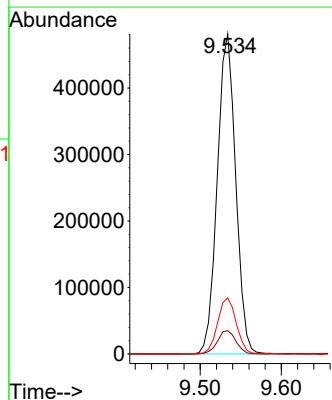
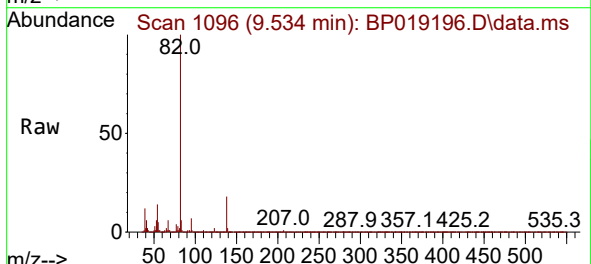
Instrument :
BNA_P
ClientSampleId :
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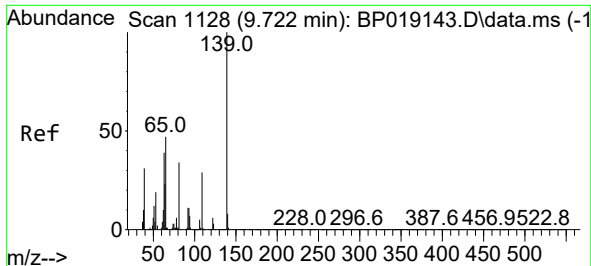
Tgt Ion: 77 Resp: 433865
Ion Ratio Lower Upper
77 100
123 46.2 35.5 53.3
65 12.6 10.3 15.5



#23
Isophorone
Concen: 26.431 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion: 82 Resp: 758753
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 17.5 14.7 22.1

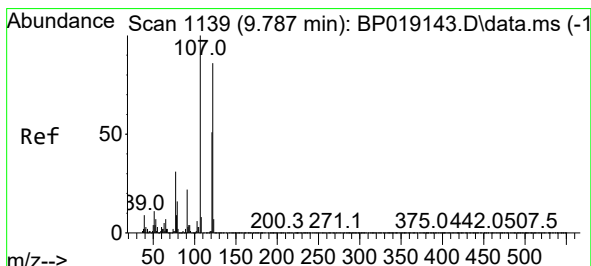
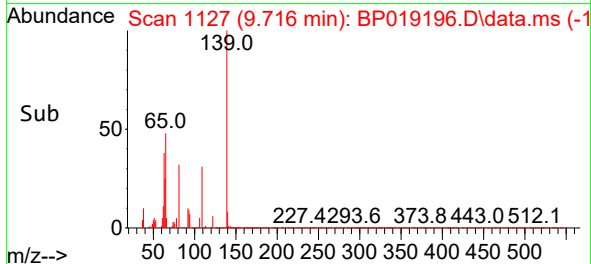
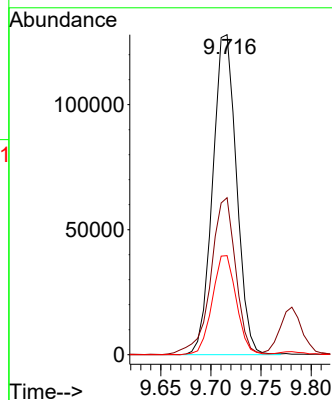
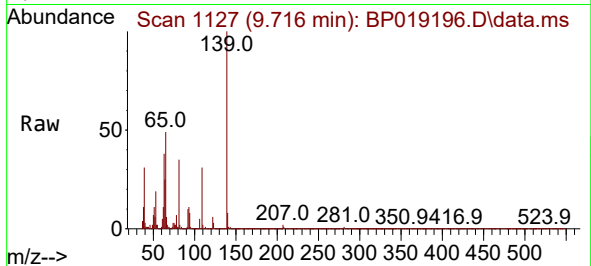




#25
2-Nitrophenol
Concen: 28.163 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

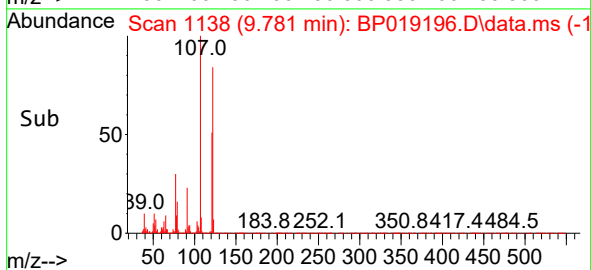
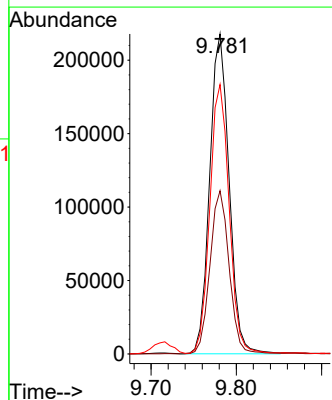
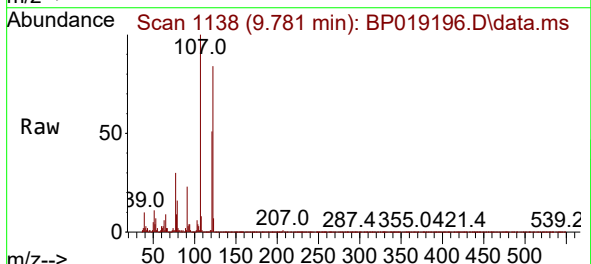
Instrument :
BNA_P
ClientSampleId :
SLCS075

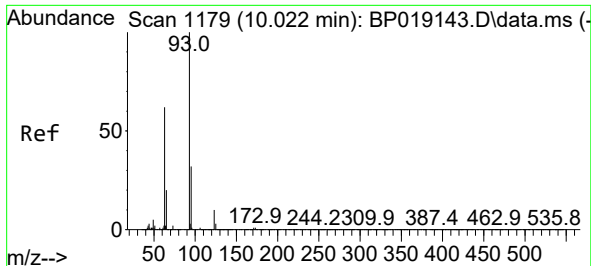
Tgt Ion:139 Resp: 211762
Ion Ratio Lower Upper
139 100
65 49.0 38.8 58.2
109 30.9 26.2 39.2



#26
2,4-Dimethylphenol
Concen: 25.987 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:107 Resp: 344000
Ion Ratio Lower Upper
107 100
121 51.0 39.8 59.6
122 84.2 66.4 99.6

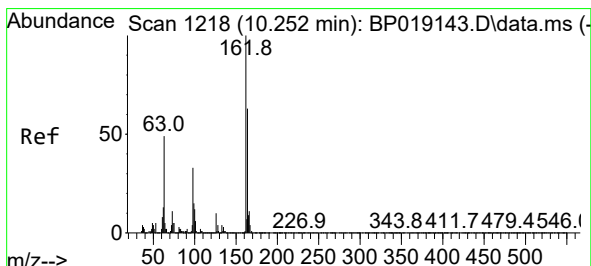
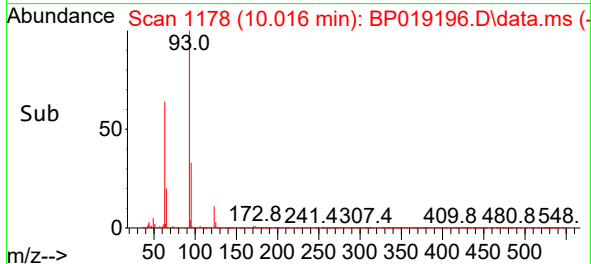
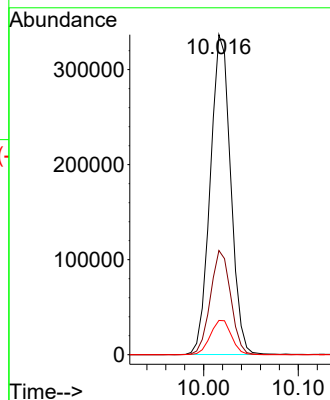
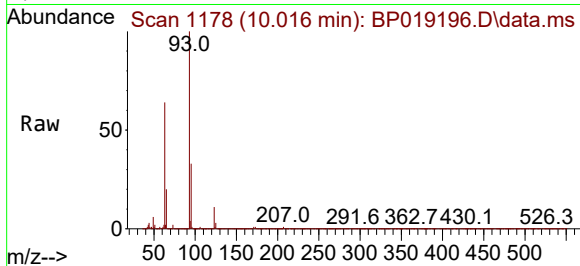




#27
Bis(2-Chloroethoxy)methane
Concen: 26.505 ng/ul
RT: 10.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

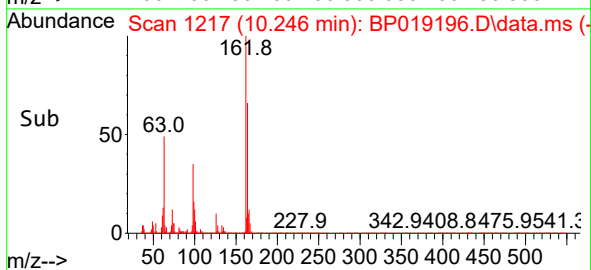
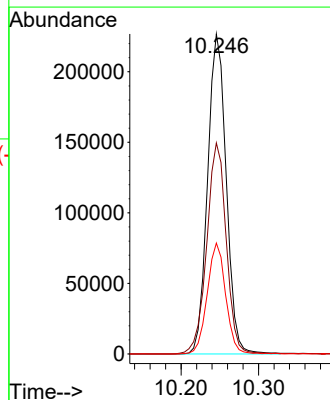
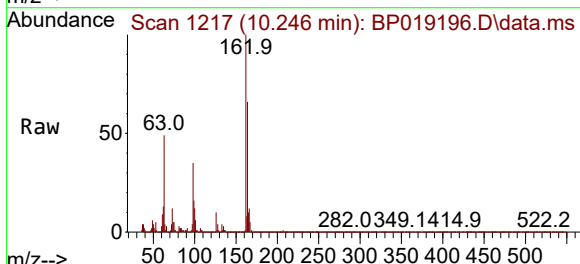
Instrument :
BNA_P
ClientSampleId :
SLCS075

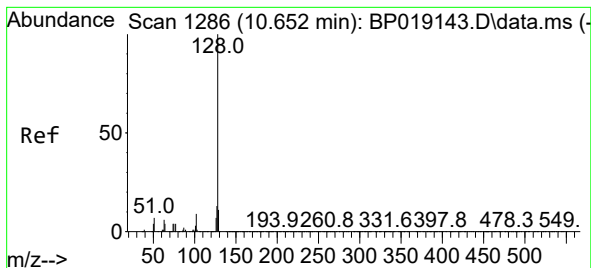
Tgt Ion: 93 Resp: 502905
Ion Ratio Lower Upper
93 100
95 32.5 26.7 40.1
123 10.7 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 27.257 ng/ul
RT: 10.246 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion: 162 Resp: 378778
Ion Ratio Lower Upper
162 100
164 66.0 52.6 78.8
98 34.6 26.7 40.1





#30

Naphthalene

Concen: 26.748 ng/ul

RT: 10.646 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

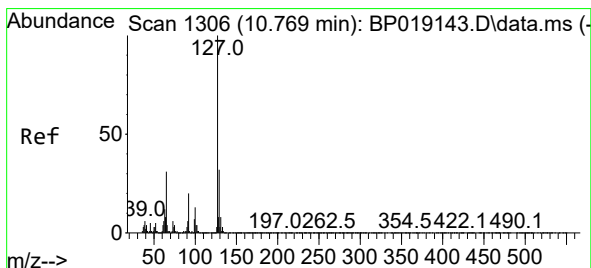
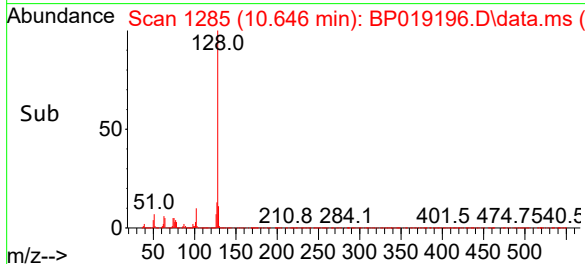
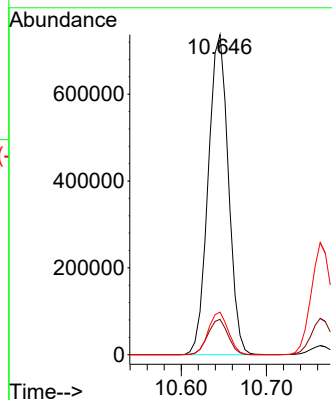
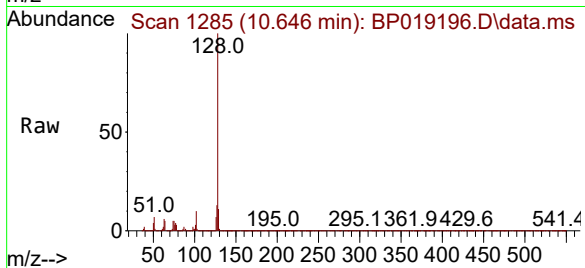
Tgt Ion:128 Resp: 1215636

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.3 10.6 15.8



#32

4-Chloroaniline

Concen: 25.671 ng/ul

RT: 10.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BP019196.D

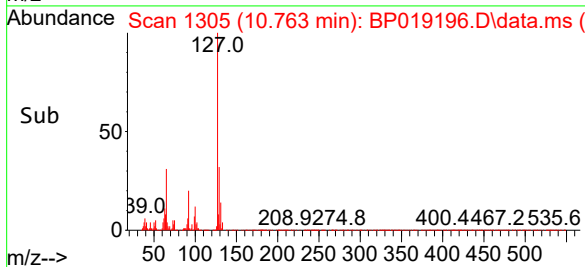
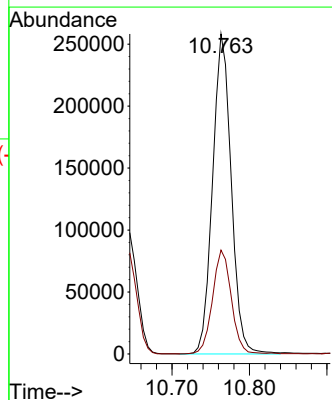
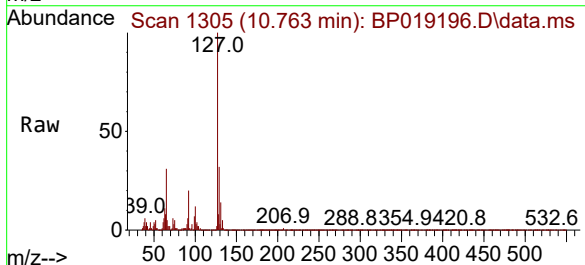
Acq: 30 Dec 2023 08:53

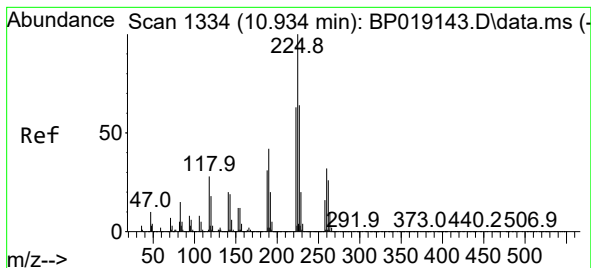
Tgt Ion:127 Resp: 430868

Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

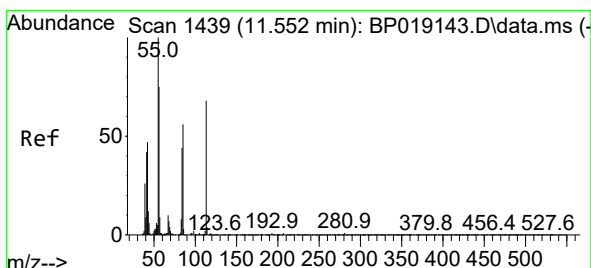
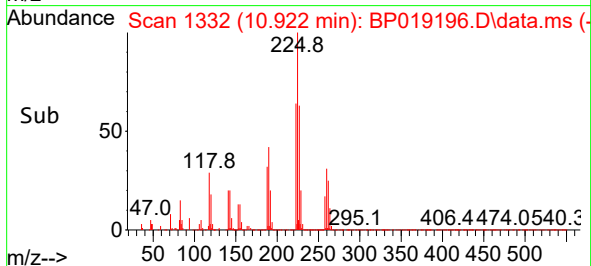
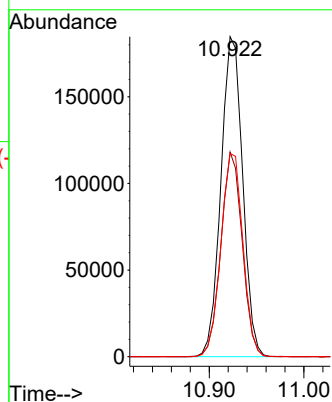
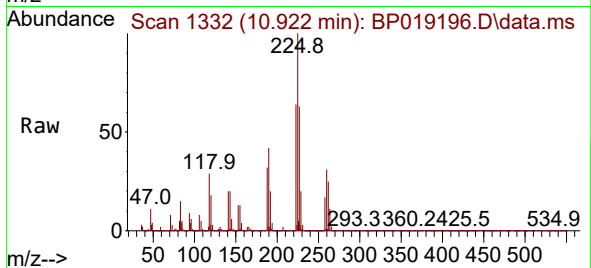




#33
Hexachlorobutadiene
Concen: 27.541 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

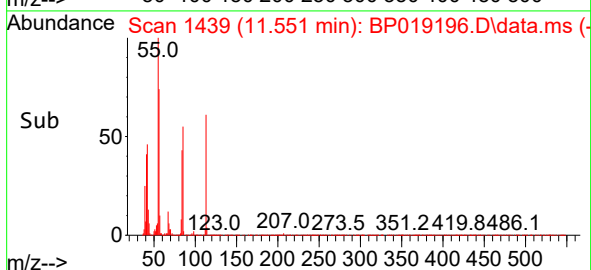
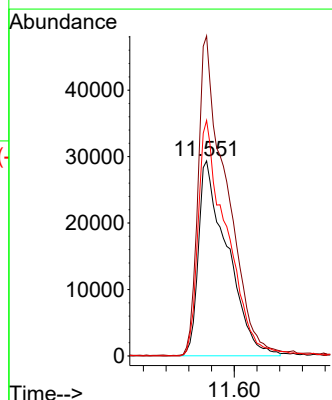
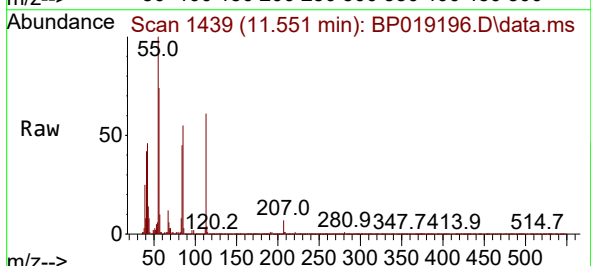
Instrument :
BNA_P
ClientSampleId :
SLCS075

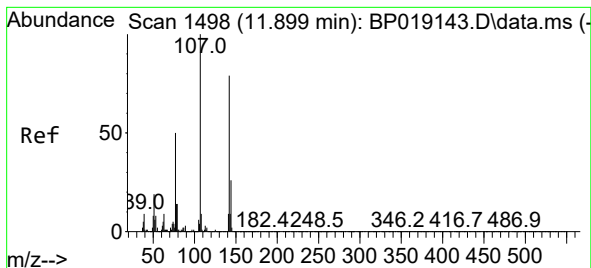
Tgt Ion:225 Resp: 294542
Ion Ratio Lower Upper
225 100
223 64.0 50.5 75.7
227 63.5 53.0 79.4



#34
Caprolactam
Concen: 28.156 ng/ul
RT: 11.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:113 Resp: 103349
Ion Ratio Lower Upper
113 100
55 164.1 122.6 184.0
56 120.7 93.0 139.4

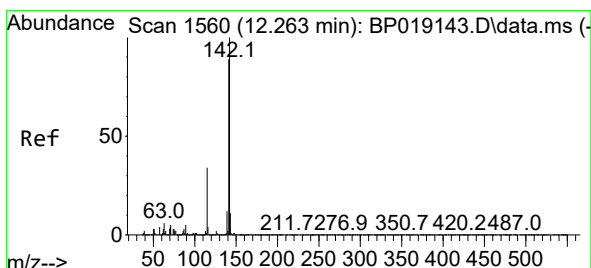
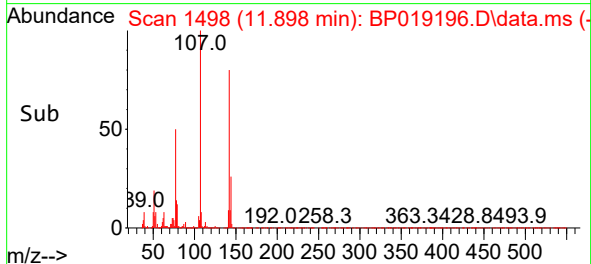
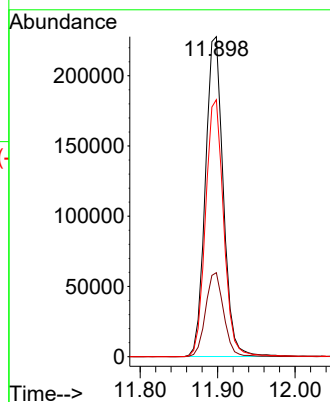
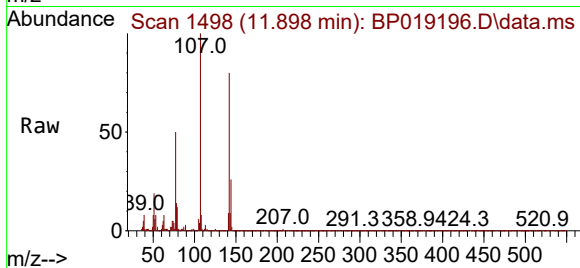




#35
4-Chloro-3-methylphenol
Concen: 26.786 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

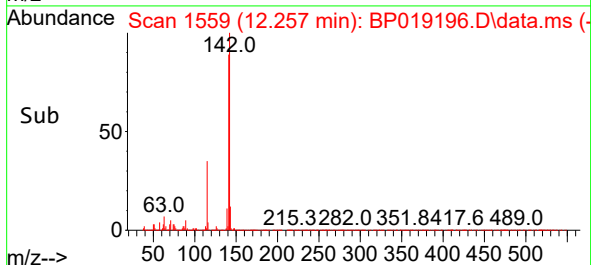
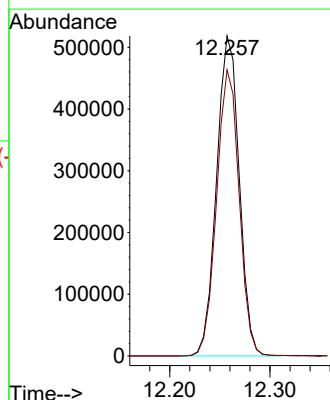
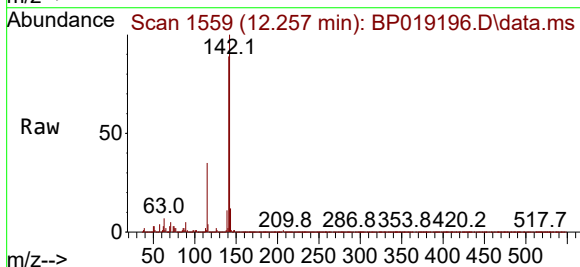
Instrument :
BNA_P
ClientSampleId :
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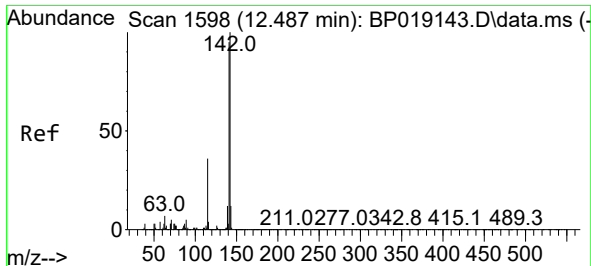
Tgt Ion:107 Resp: 365403
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 80.3 64.8 97.2



#36
2-Methylnaphthalene
Concen: 26.537 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:142 Resp: 813141
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5

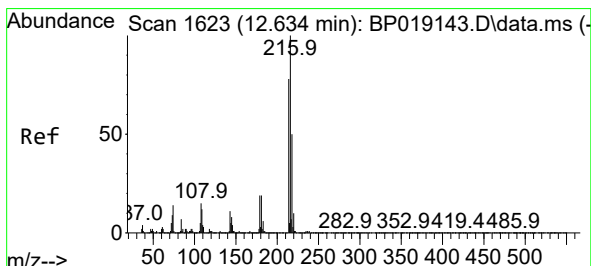
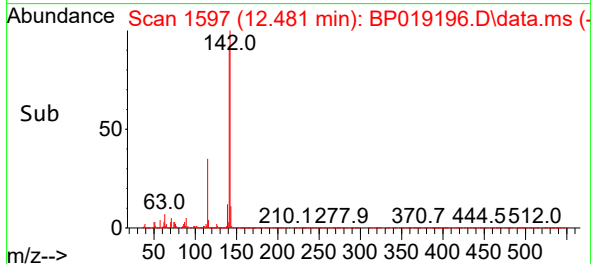
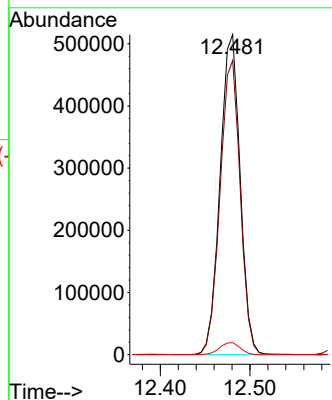
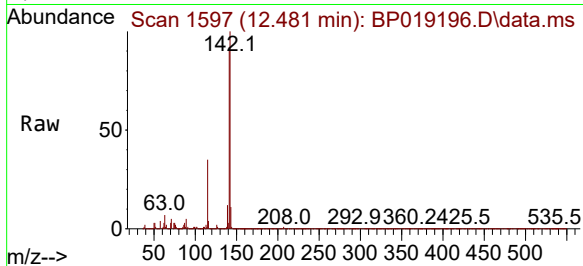




#37
1-Methylnaphthalene
Concen: 25.821 ng/ul
RT: 12.481 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

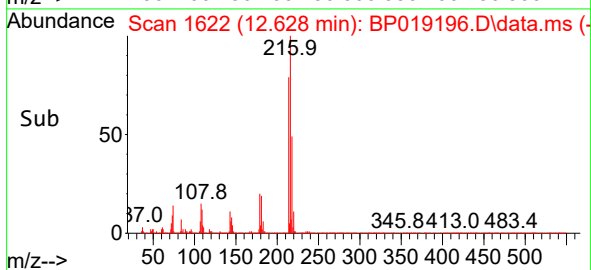
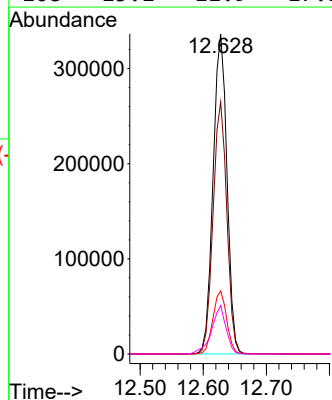
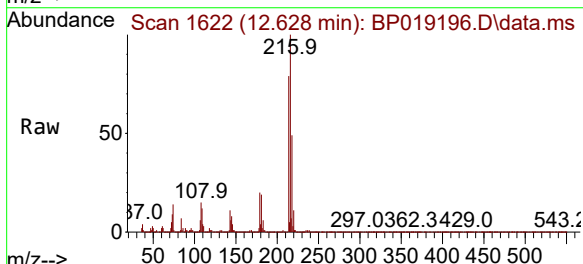
Instrument :
BNA_P
ClientSampleId :
SLCS075

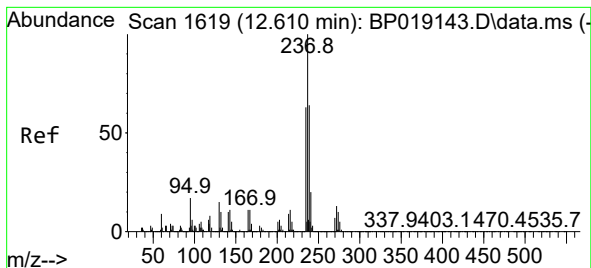
Tgt Ion:142 Resp: 797859
Ion Ratio Lower Upper
142 100
141 91.9 74.4 111.6
116 3.8 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.975 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:216 Resp: 512470
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
179 19.7 15.8 23.8
108 15.1 11.9 17.9





#40

Hexachlorocyclopentadiene

Concen: 26.969 ng/ul

RT: 12.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

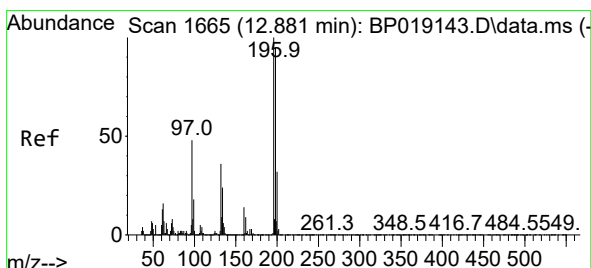
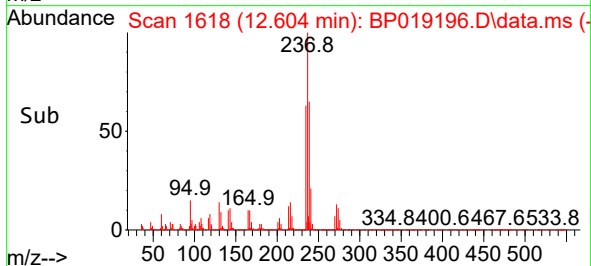
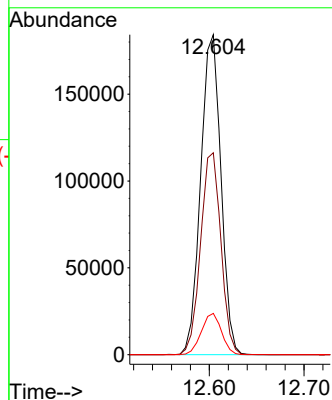
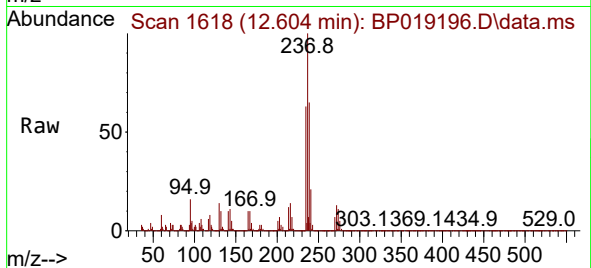
Tgt Ion:237 Resp: 274221

Ion Ratio Lower Upper

237 100

235 63.1 51.2 76.8

272 12.9 10.9 16.3



#41

2,4,6-Trichlorophenol

Concen: 27.530 ng/ul

RT: 12.875 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

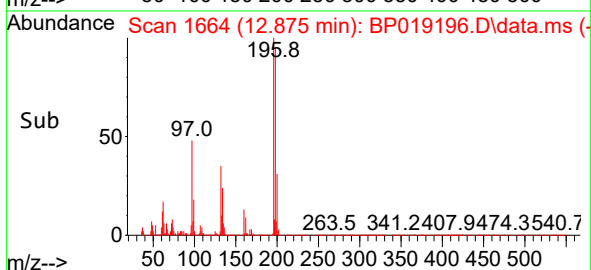
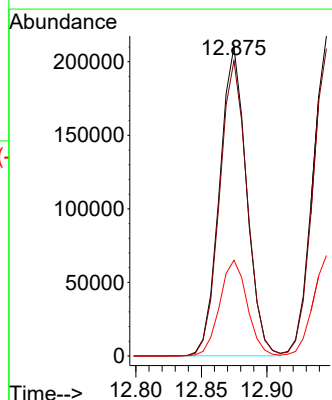
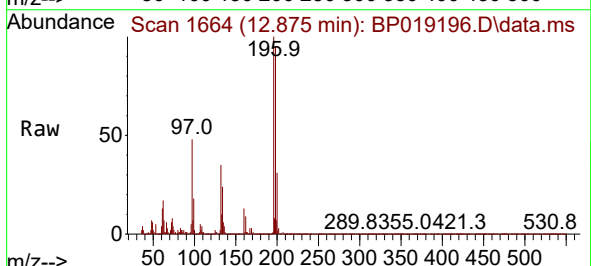
Tgt Ion:196 Resp: 300965

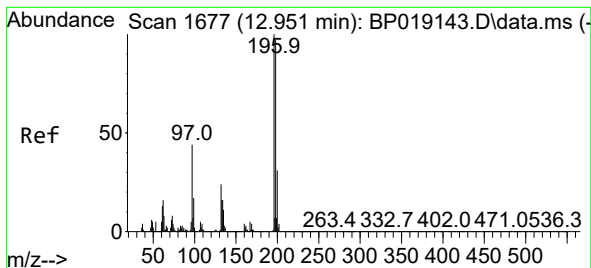
Ion Ratio Lower Upper

196 100

198 95.4 77.4 116.0

200 30.9 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 27.765 ng/ul

RT: 12.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

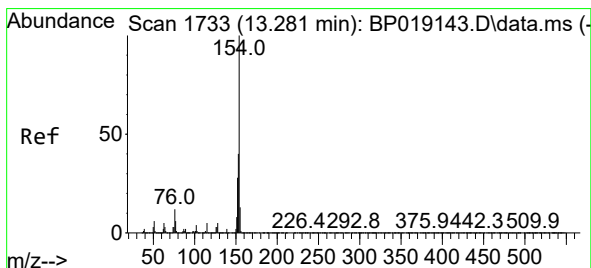
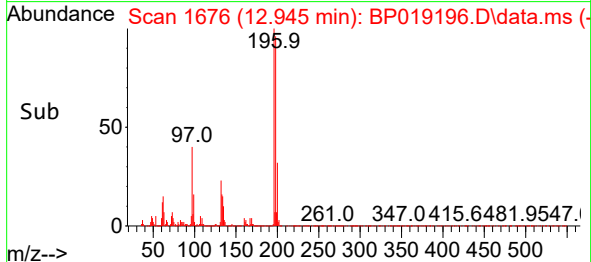
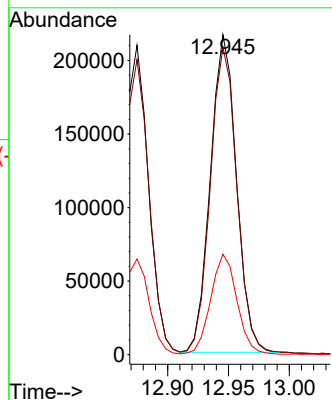
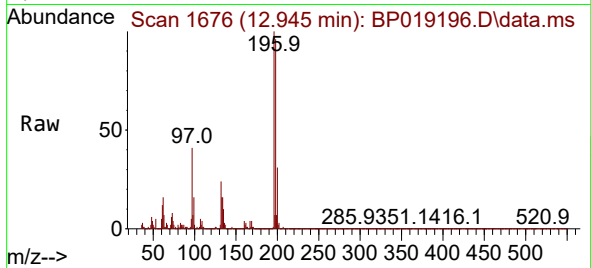
Tgt Ion:196 Resp: 322206

Ion Ratio Lower Upper

196 100

198 96.0 77.3 115.9

200 31.4 25.7 38.5



#43

1,1'-Biphenyl

Concen: 27.108 ng/ul

RT: 13.275 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

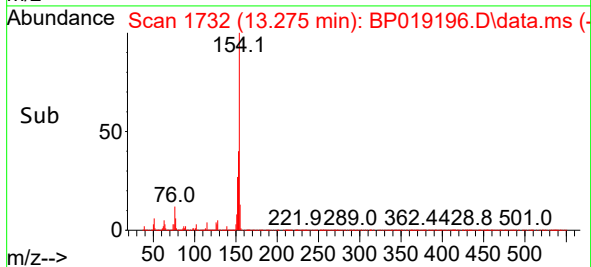
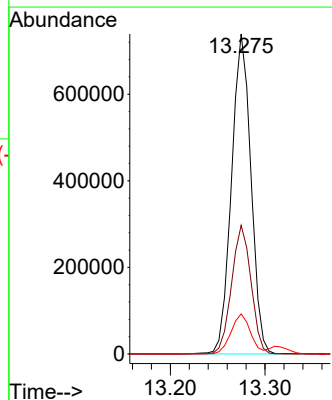
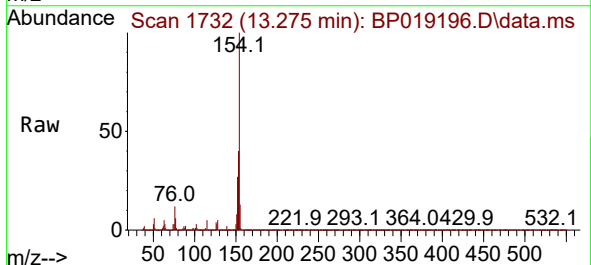
Tgt Ion:154 Resp: 1051801

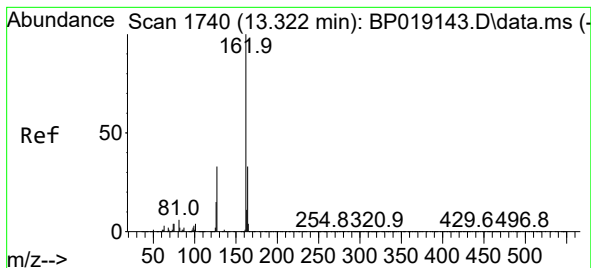
Ion Ratio Lower Upper

154 100

153 40.2 31.9 47.9

76 12.5 9.5 14.3





#44

2-Chloronaphthalene

Concen: 27.406 ng/ul

RT: 13.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

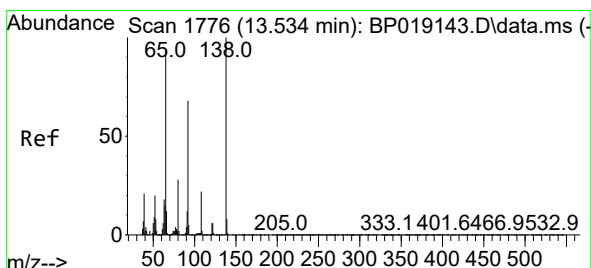
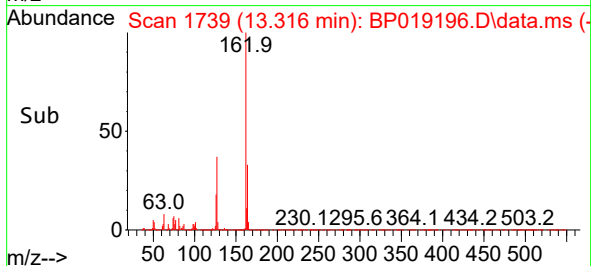
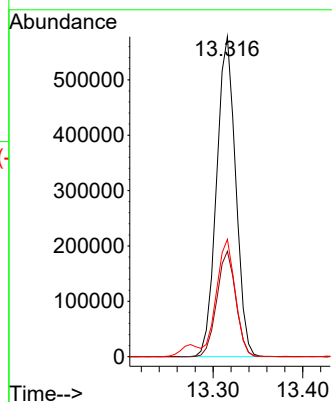
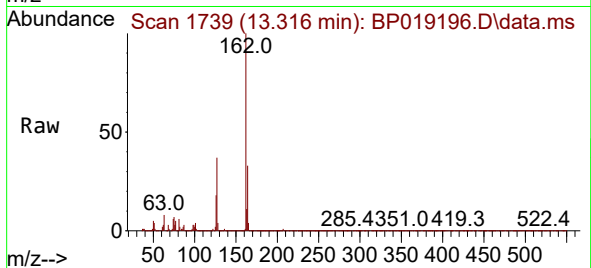
Tgt Ion:162 Resp: 853252

Ion Ratio Lower Upper

162 100

164 32.9 26.2 39.4

127 36.7 28.8 43.2



#45

2-Nitroaniline

Concen: 28.619 ng/ul

RT: 13.528 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

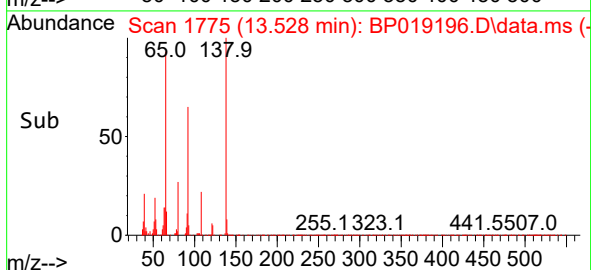
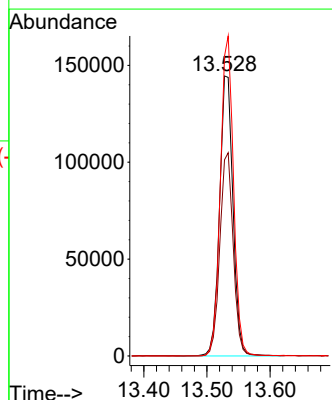
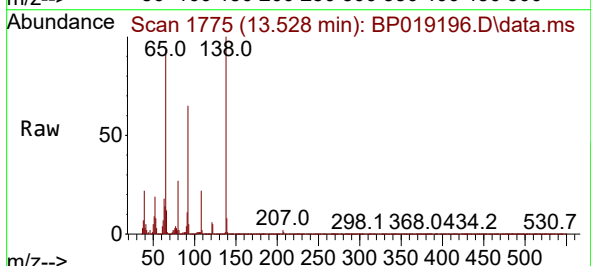
Tgt Ion: 65 Resp: 213900

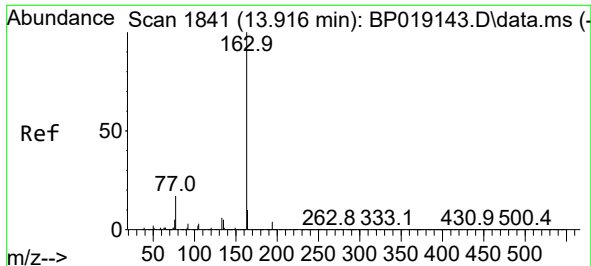
Ion Ratio Lower Upper

65 100

92 70.0 60.2 90.4

138 107.0 92.9 139.3

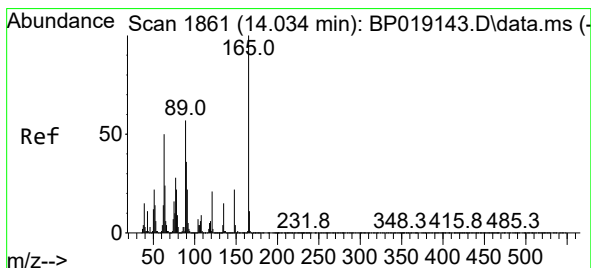
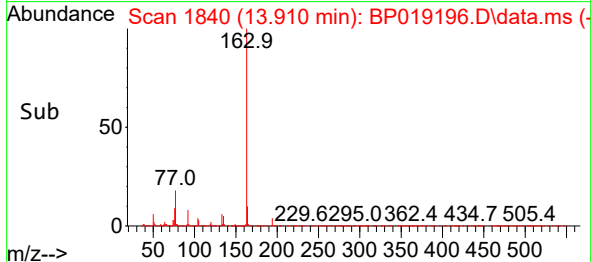
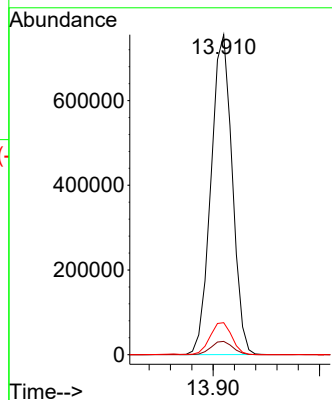
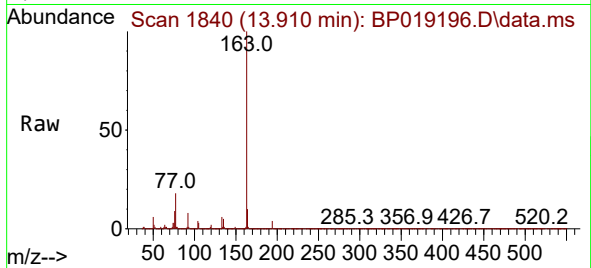




#47
Dimethylphthalate
Concen: 26.977 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

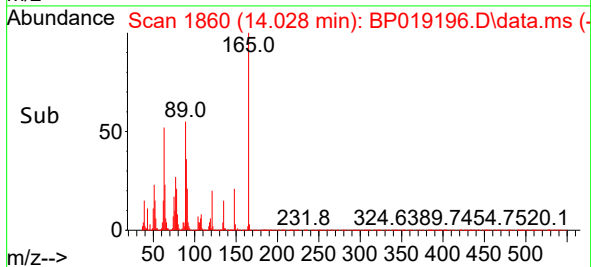
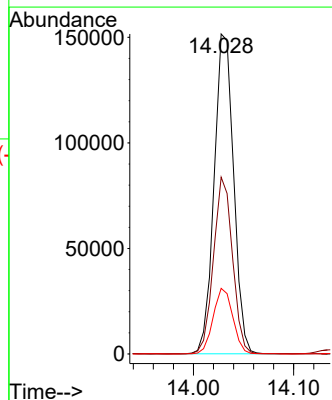
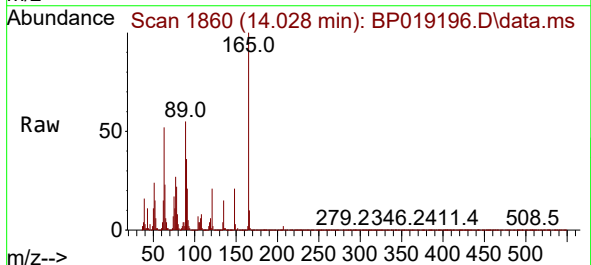
Instrument :
BNA_P
ClientSampleId :
SLCS075

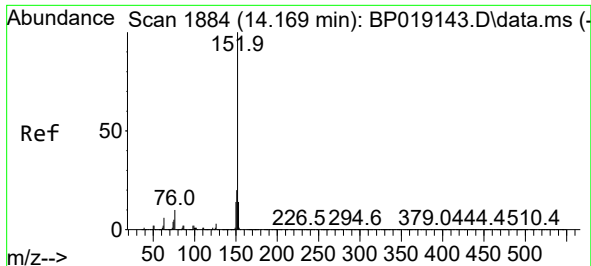
Tgt Ion:163 Resp: 1046207
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.0 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 28.751 ng/ul
RT: 14.028 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:165 Resp: 204885
Ion Ratio Lower Upper
165 100
89 55.3 45.1 67.7
121 20.5 16.7 25.1

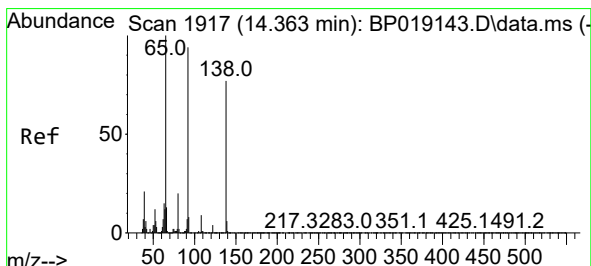
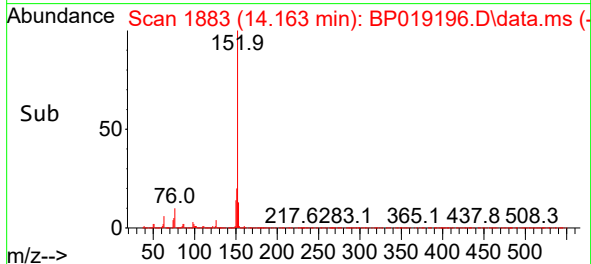
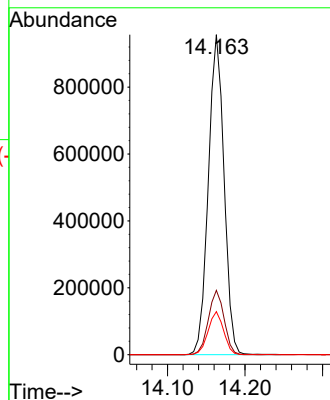
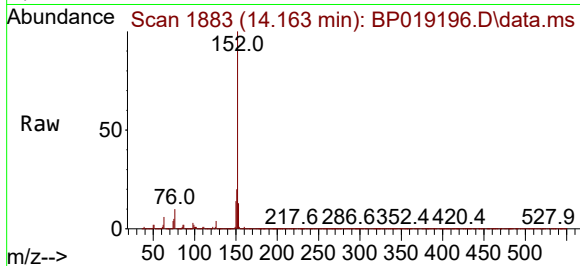




#50
Acenaphthylene
Concen: 28.050 ng/ul
RT: 14.163 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

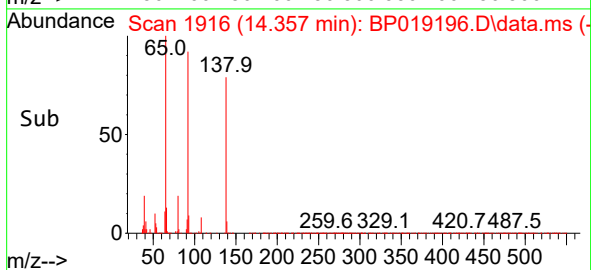
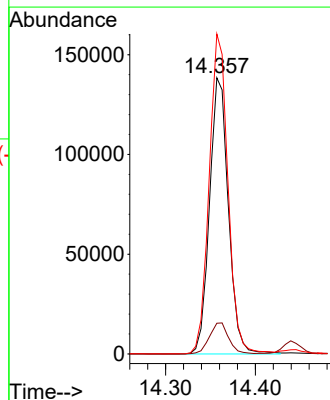
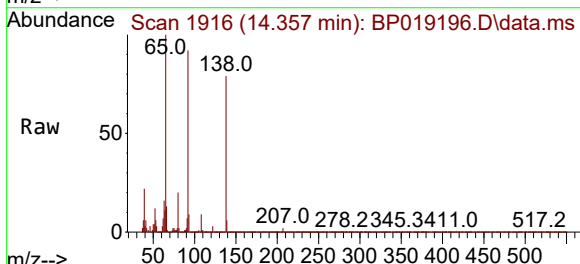
Instrument :
BNA_P
ClientSampleId :
SLCS075

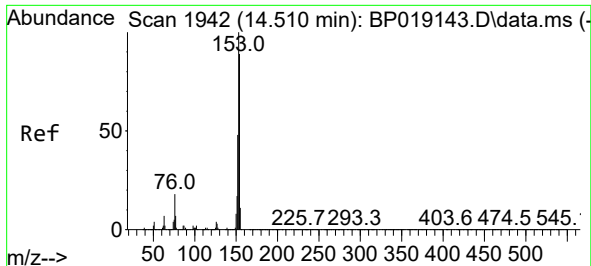
Tgt Ion:152 Resp: 1345317
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.6 15.8



#51
3-Nitroaniline
Concen: 29.042 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:138 Resp: 202327
Ion Ratio Lower Upper
138 100
108 11.1 9.8 14.6
92 115.9 91.9 137.9

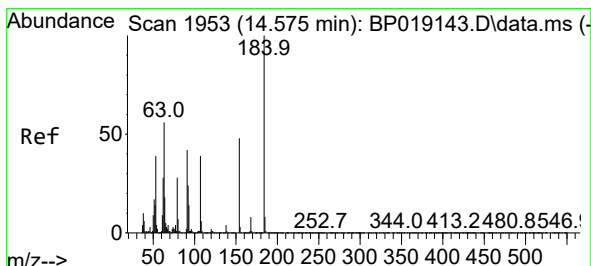
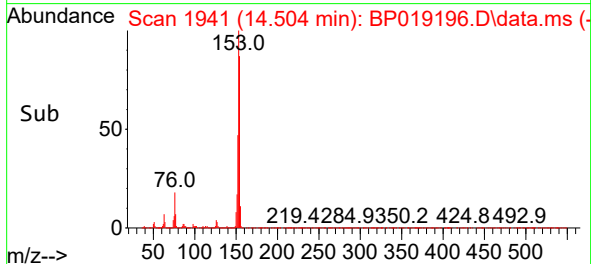
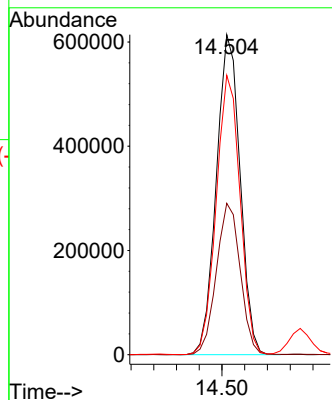
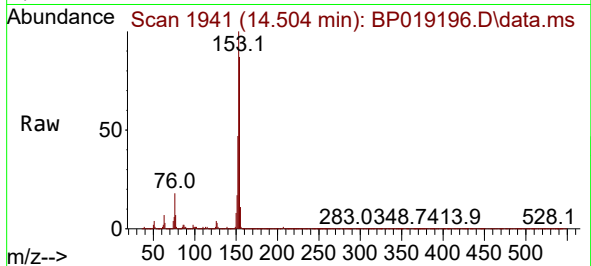




#52
Acenaphthene
Concen: 27.420 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

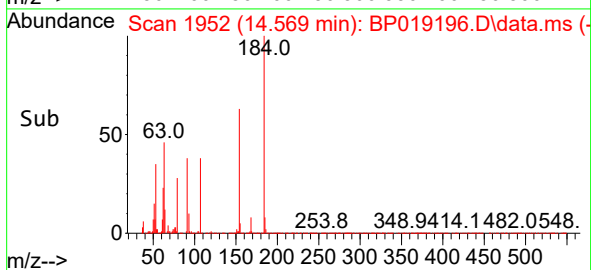
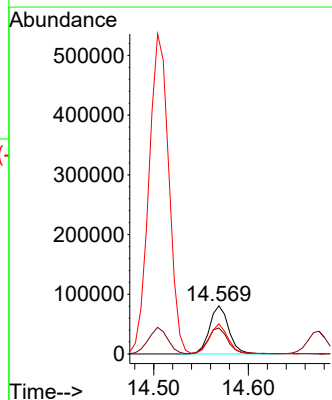
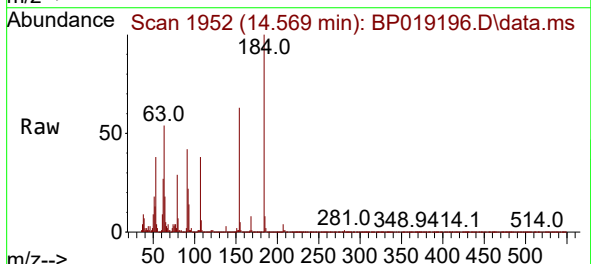
Instrument :
BNA_P
ClientSampleId :
SLCS075

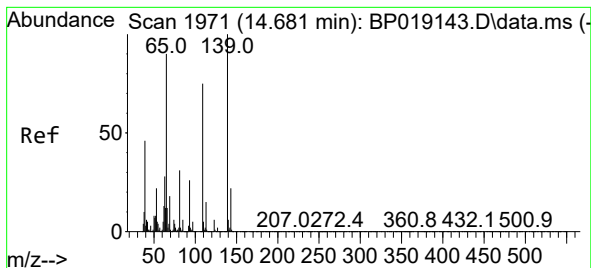
Tgt Ion:153 Resp: 891333
Ion Ratio Lower Upper
153 100
152 47.3 38.1 57.1
154 87.3 70.1 105.1



#53
2,4-Dinitrophenol
Concen: 24.788 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:184 Resp: 113800
Ion Ratio Lower Upper
184 100
63 54.0 48.5 72.7
154 62.5 49.3 73.9

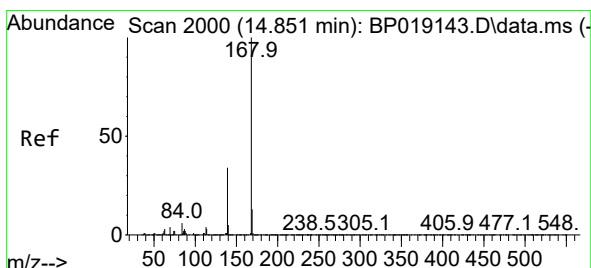
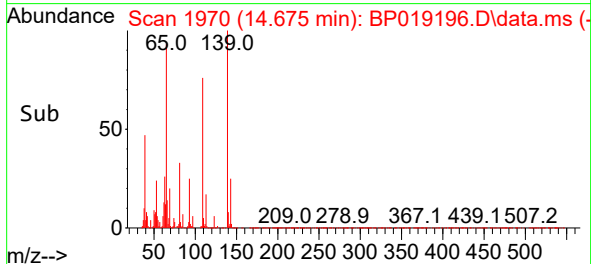
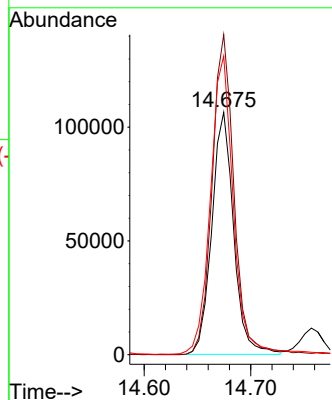
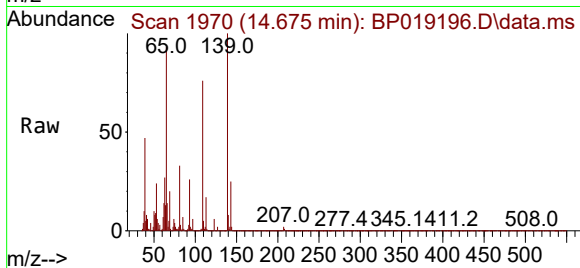




#55
4-Nitrophenol
Concen: 28.556 ng/ul
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

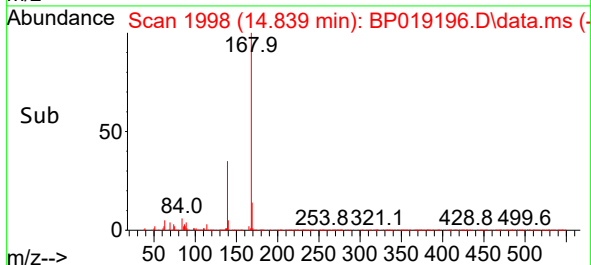
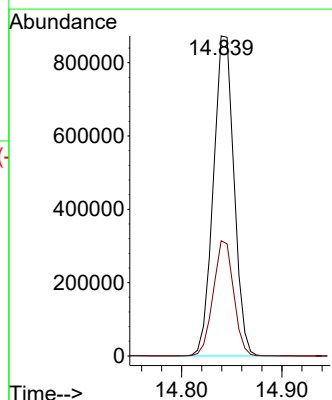
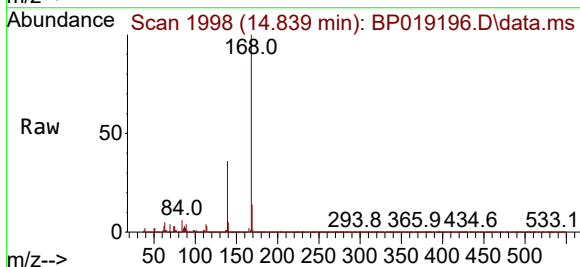
Instrument :
BNA_P
ClientSampleId :
SLCS075

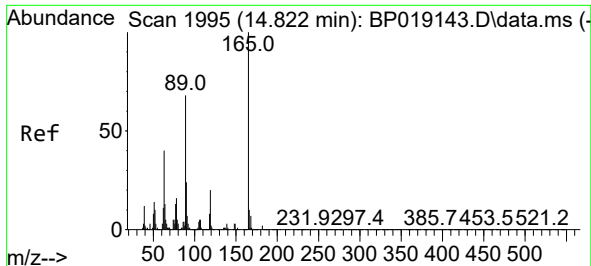
Tgt Ion:109 Resp: 151402
Ion Ratio Lower Upper
109 100
139 132.0 102.6 154.0
65 123.2 92.9 139.3



#56
Dibenzofuran
Concen: 26.866 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:168 Resp: 1247156
Ion Ratio Lower Upper
168 100
139 36.0 27.4 41.0

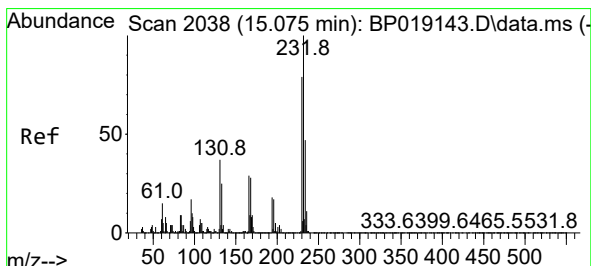
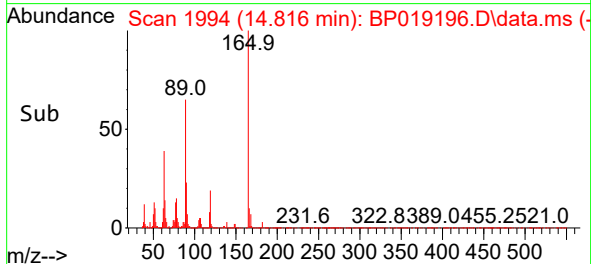
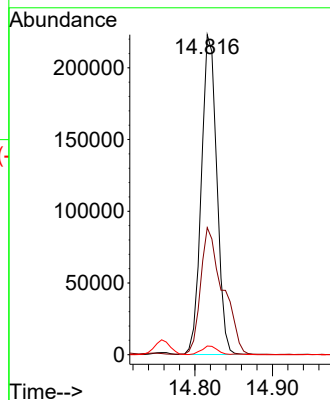
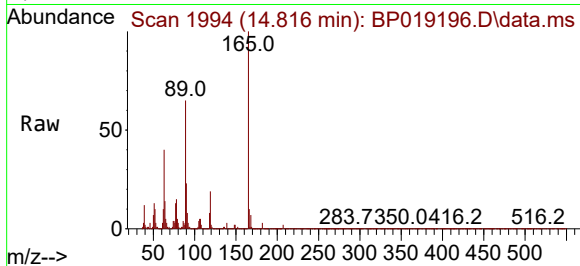




#57
2,4-Dinitrotoluene
Concen: 29.492 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

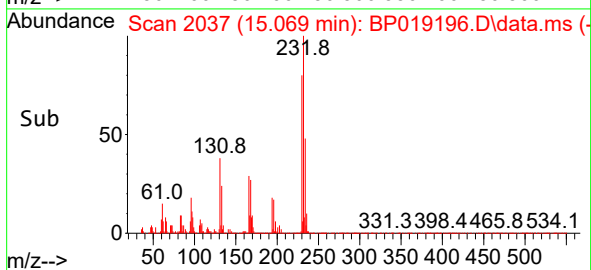
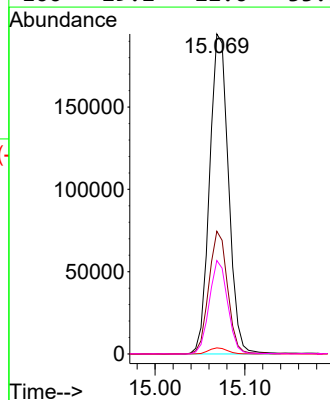
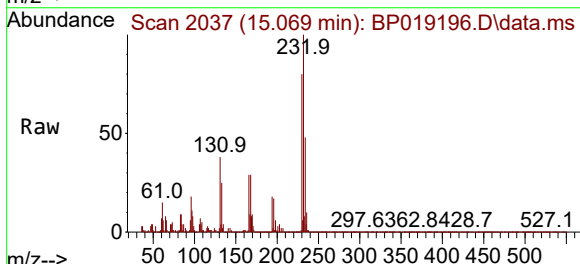
Instrument :
BNA_P
ClientSampleId :
SLCS075

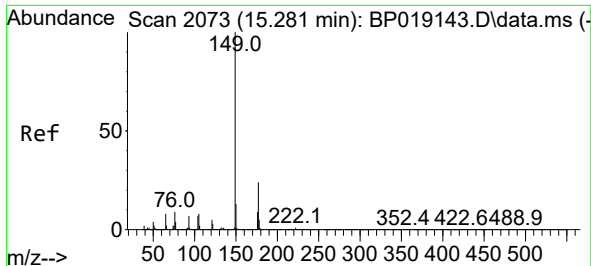
Tgt Ion:165 Resp: 309086
Ion Ratio Lower Upper
165 100
63 39.7 31.5 47.3
182 2.7 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.048 ng/ul
RT: 15.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:232 Resp: 284385
Ion Ratio Lower Upper
232 100
131 38.4 29.3 43.9
130 1.9 1.4 2.2
166 29.2 22.6 33.8

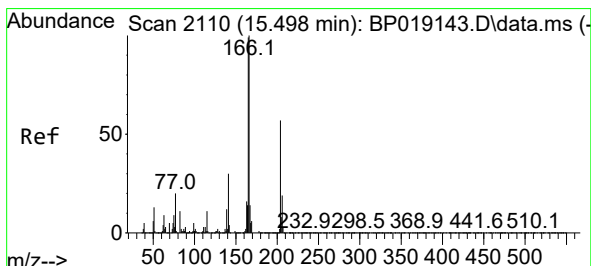
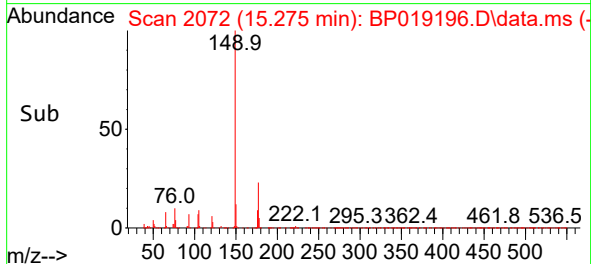
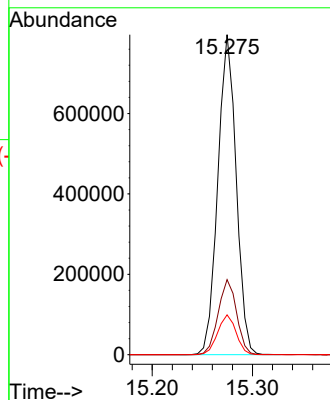
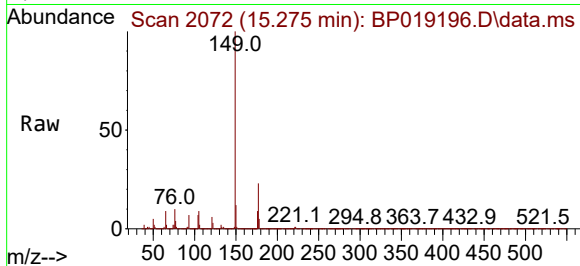




#59
Diethylphthalate
Concen: 26.865 ng/ul
RT: 15.275 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

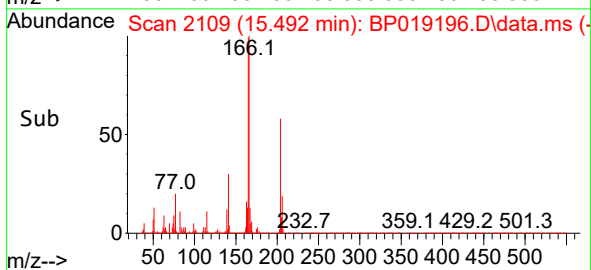
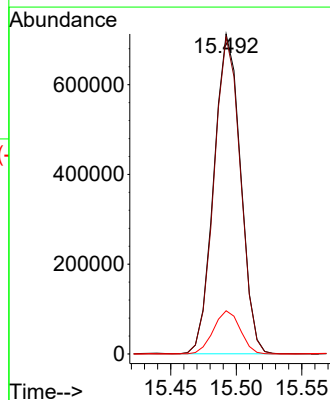
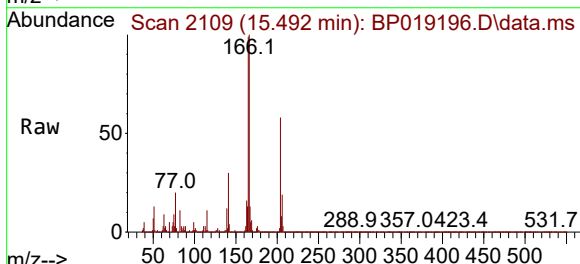
Instrument :
BNA_P
ClientSampleId :
SLCS075

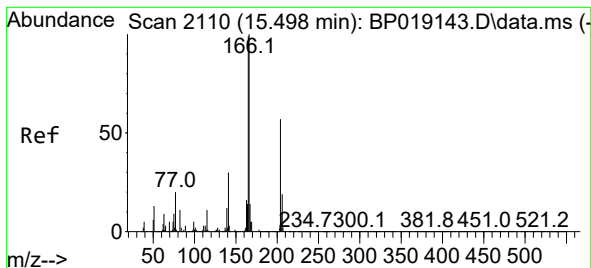
Tgt Ion:149 Resp: 1010144
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.5 9.8 14.8



#61
Fluorene
Concen: 27.168 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:166 Resp: 1009415
Ion Ratio Lower Upper
166 100
165 99.1 79.3 118.9
167 13.5 11.0 16.4

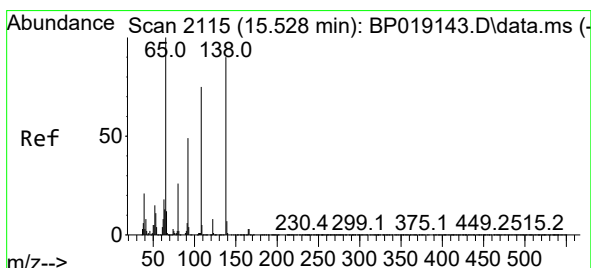
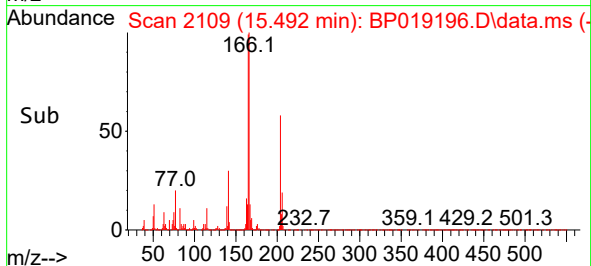
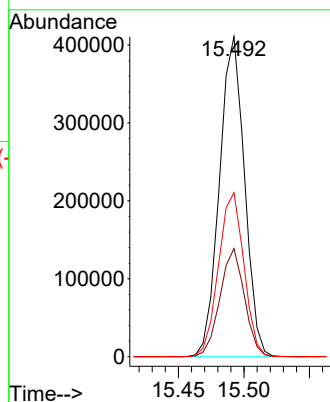
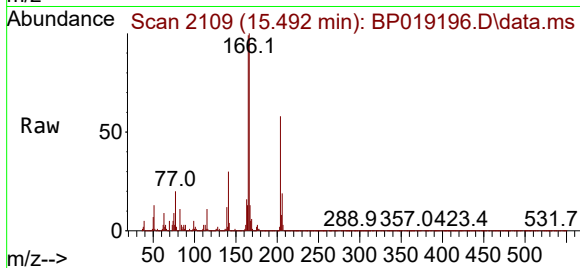




#62
4-Chlorophenyl-phenylether
Concen: 26.858 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

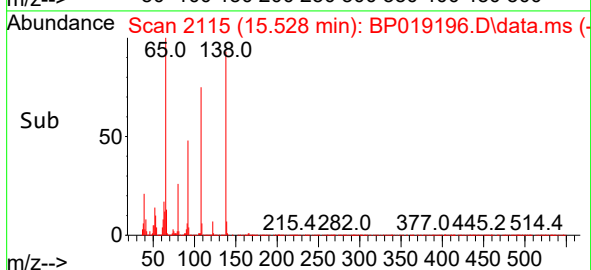
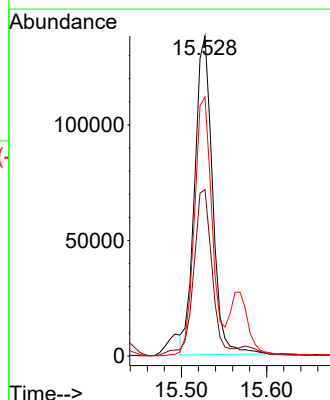
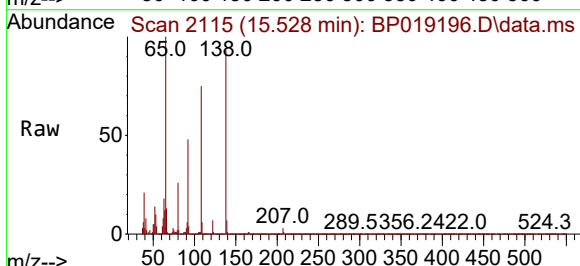
Instrument :
BNA_P
ClientSampleId :
SLCS075

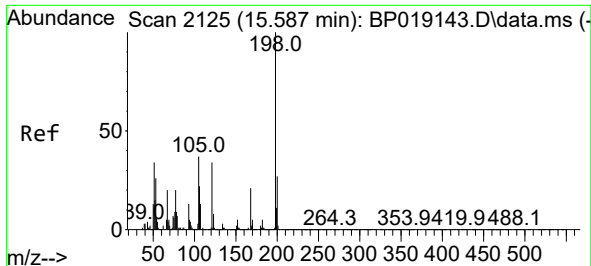
Tgt Ion:204 Resp: 544973
Ion Ratio Lower Upper
204 100
206 33.8 26.3 39.5
141 51.2 42.2 63.2



#63
4-Nitroaniline
Concen: 28.566 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:138 Resp: 200229
Ion Ratio Lower Upper
138 100
92 51.9 42.2 63.4
108 81.0 66.2 99.4

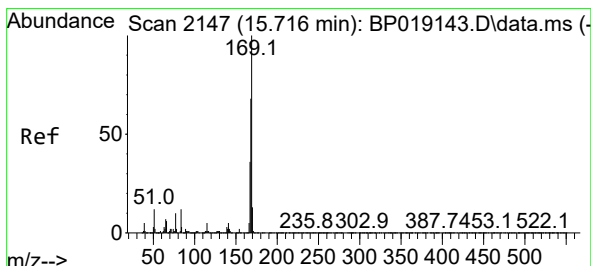
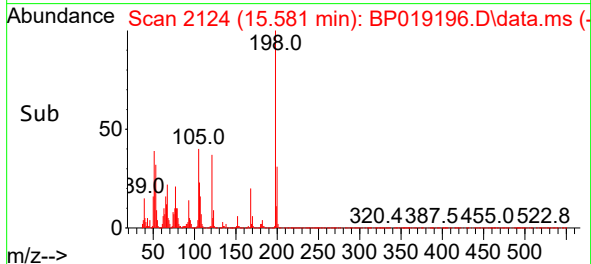
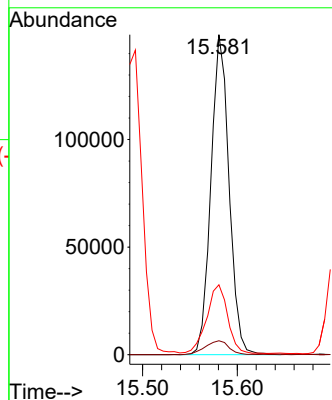
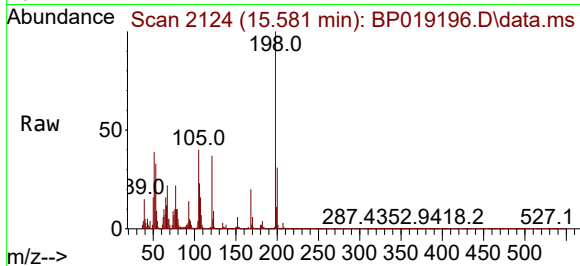




#66
 4,6-Dinitro-2-methylphenol
 Concen: 28.076 ng/ul
 RT: 15.581 min Scan# 2125
 Delta R.T. -0.006 min
 Lab File: BP019196.D
 Acq: 30 Dec 2023 08:53

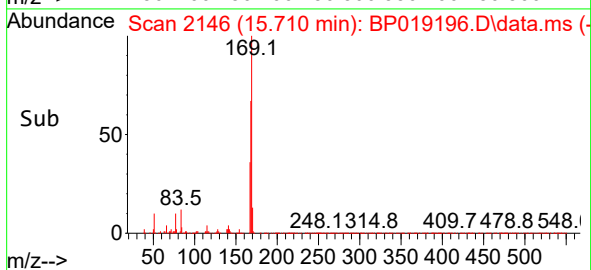
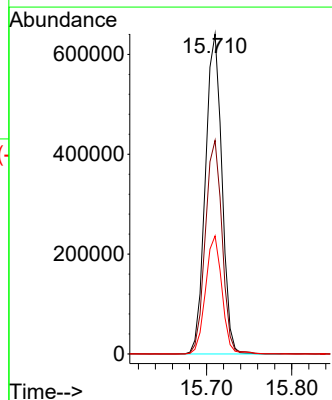
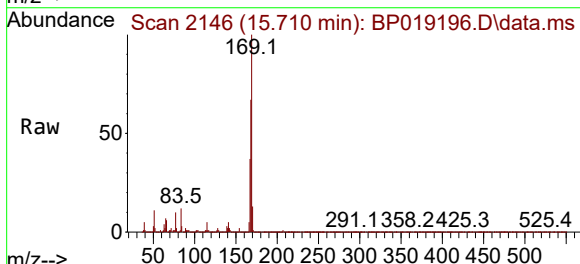
Instrument :
 BNA_P
 ClientSampleId :
 SLCS075

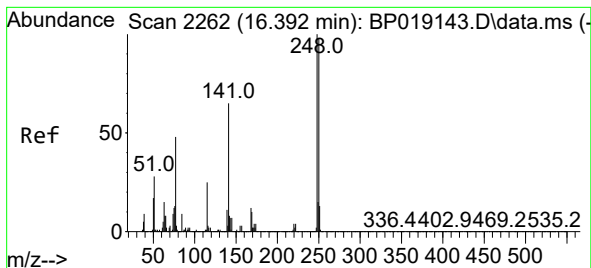
Tgt Ion:198 Resp: 197878
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.0 6.0
 77 21.9 17.4 26.2



#67
 N-Nitrosodiphenylamine
 Concen: 27.779 ng/ul
 RT: 15.710 min Scan# 2146
 Delta R.T. -0.006 min
 Lab File: BP019196.D
 Acq: 30 Dec 2023 08:53

Tgt Ion:169 Resp: 860879
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.8 80.8
 167 36.9 29.5 44.3

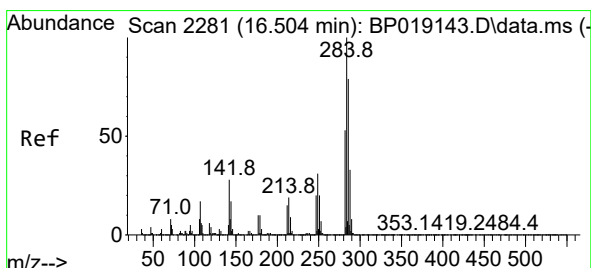
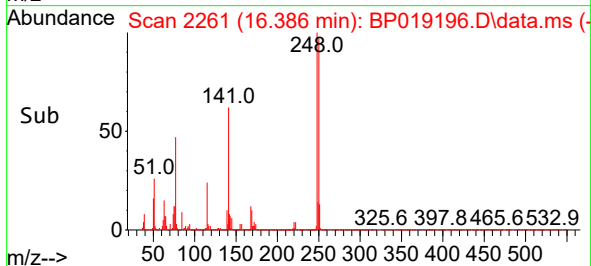
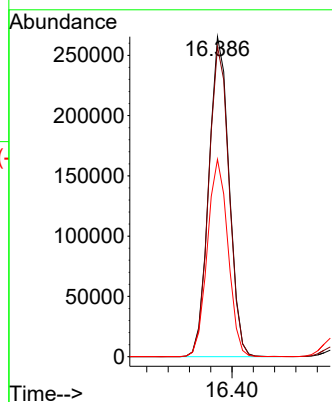
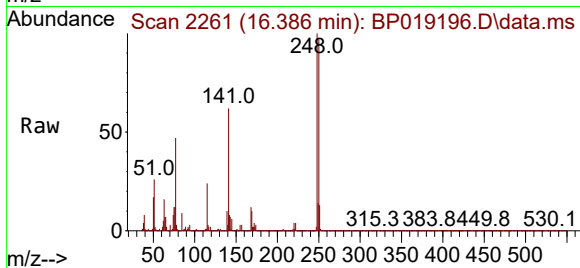




#68
4-Bromophenyl-phenylether
Concen: 27.885 ng/ul
RT: 16.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

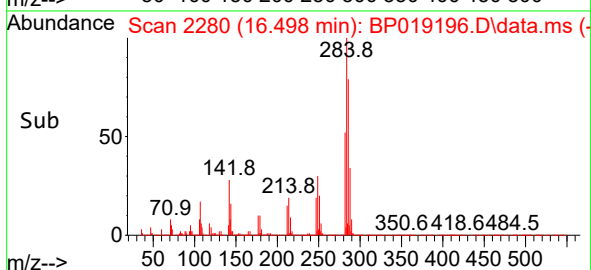
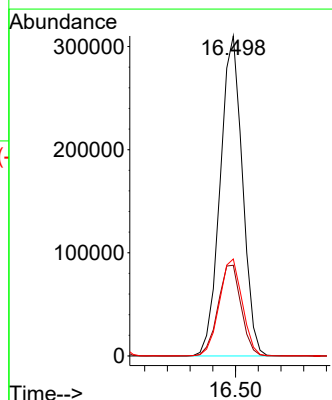
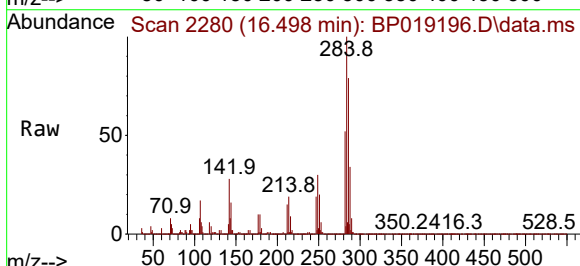
Instrument :
BNA_P
ClientSampleId :
SLCS075

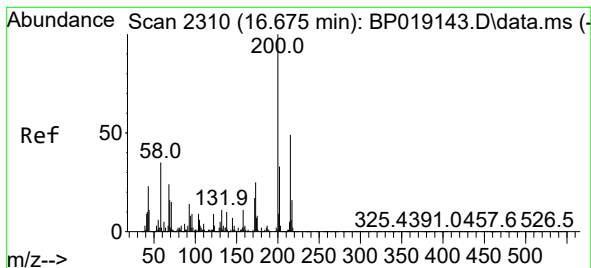
Tgt Ion:248 Resp: 351927
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 61.6 48.6 72.8



#69
Hexachlorobenzene
Concen: 27.396 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:284 Resp: 422534
Ion Ratio Lower Upper
284 100
142 28.4 22.9 34.3
249 30.3 23.7 35.5





#70

Atrazine

Concen: 36.699 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

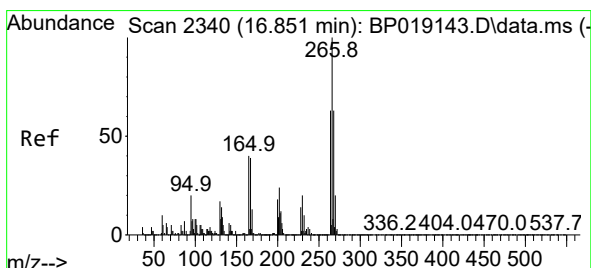
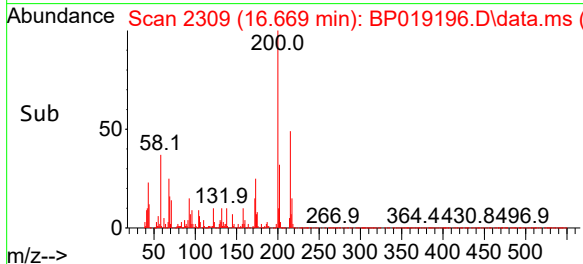
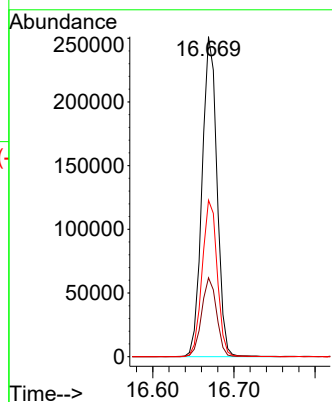
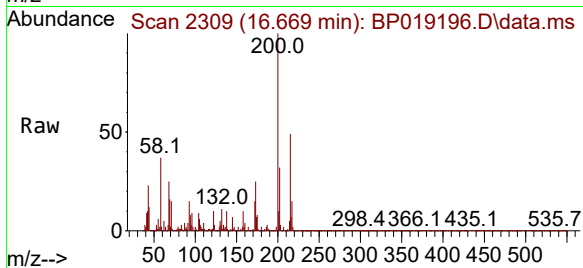
Tgt Ion:200 Resp: 320961

Ion Ratio Lower Upper

200 100

173 24.6 20.2 30.2

215 48.9 39.9 59.9



#71

Pentachlorophenol

Concen: 28.351 ng/ul

RT: 16.845 min Scan# 2339

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

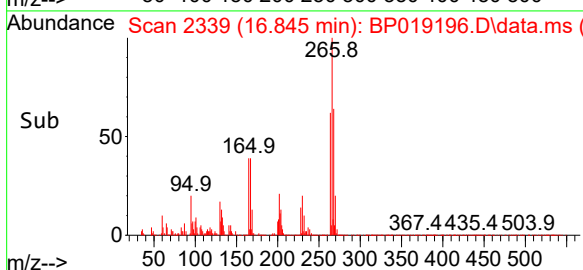
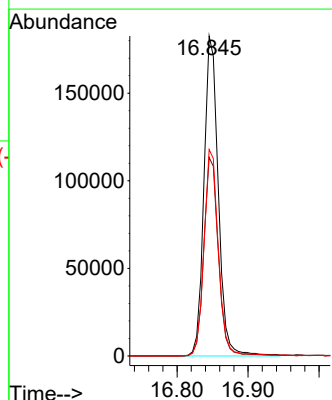
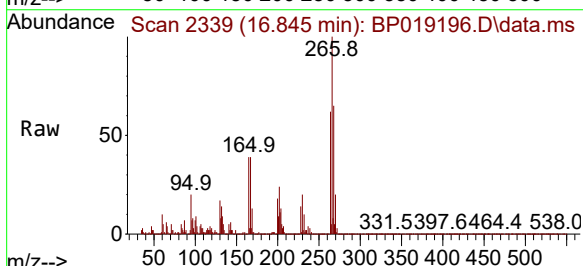
Tgt Ion:266 Resp: 256730

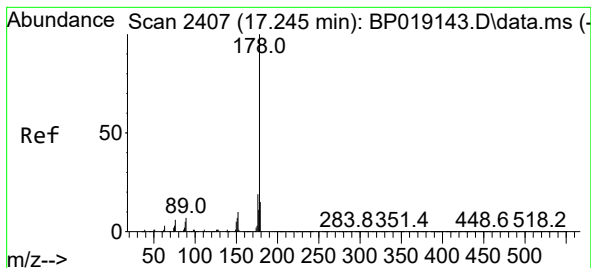
Ion Ratio Lower Upper

266 100

264 62.0 50.0 75.0

268 64.5 52.8 79.2





#72

Phenanthrene

Concen: 27.447 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

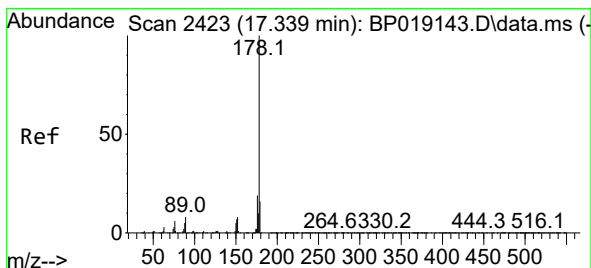
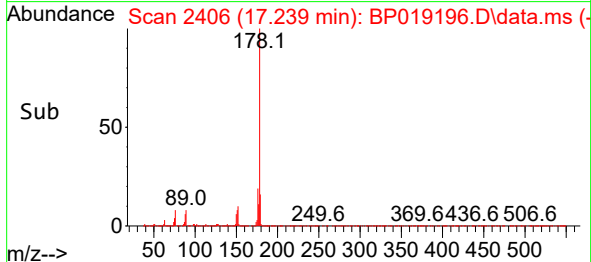
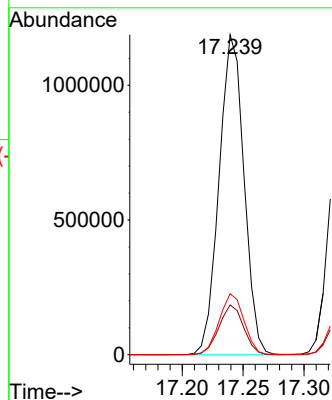
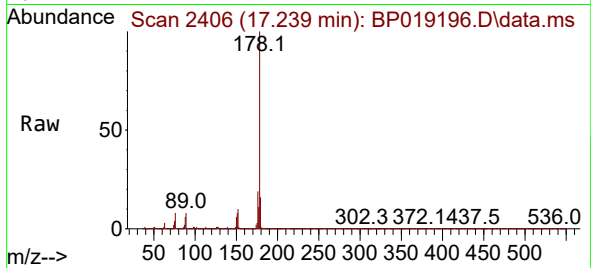
Tgt Ion:178 Resp: 1688973

Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

176 19.1 15.0 22.6



#74

Anthracene

Concen: 27.928 ng/ul

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

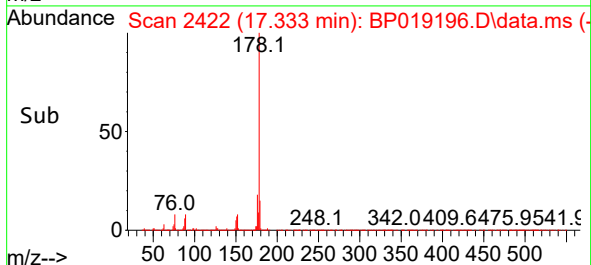
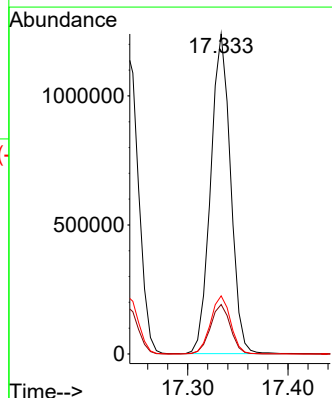
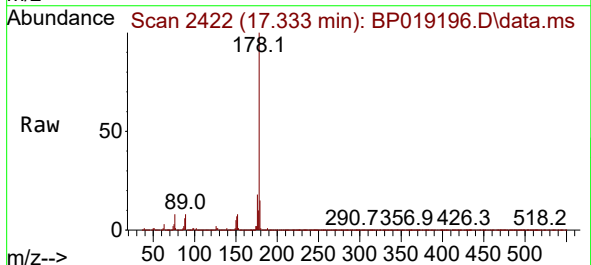
Tgt Ion:178 Resp: 1710875

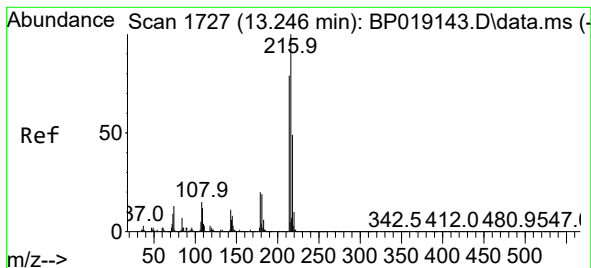
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.1 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 28.067 ng/uL

RT: 13.239 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

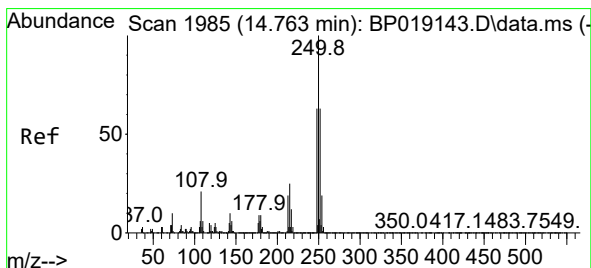
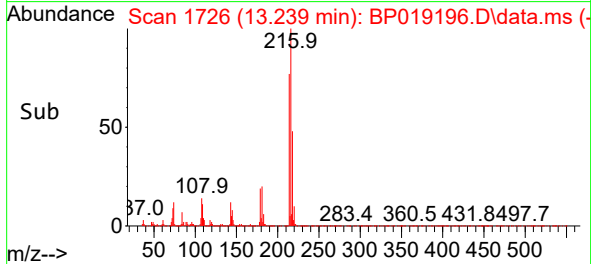
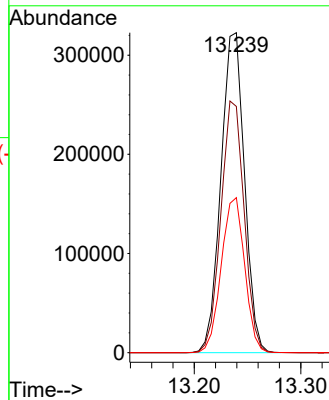
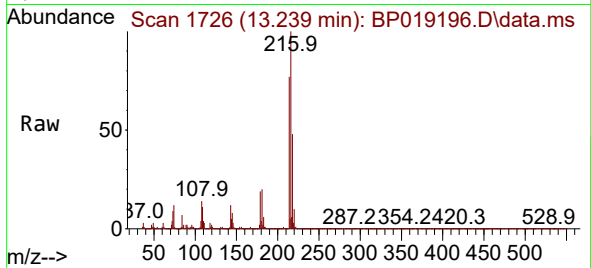
Tgt Ion:216 Resp: 495528

Ion Ratio Lower Upper

216 100

214 77.0 61.6 92.4

218 48.5 38.9 58.3



#76

Pentachlorobenzene

Concen: 27.155 ng/uL

RT: 14.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

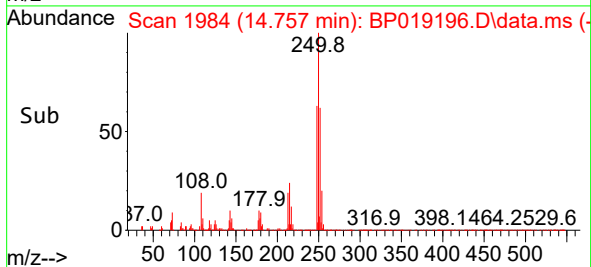
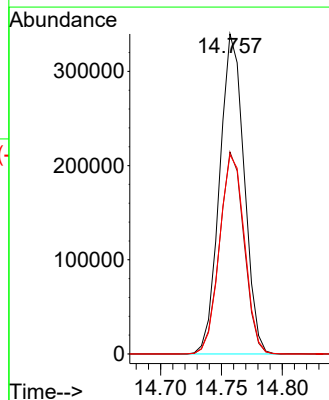
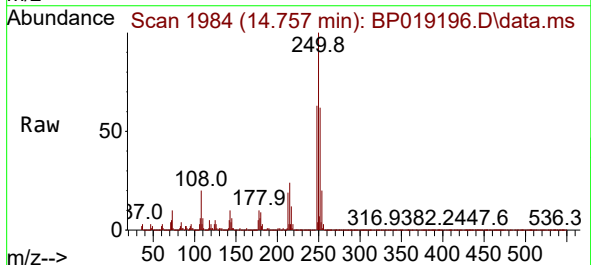
Tgt Ion:250 Resp: 476408

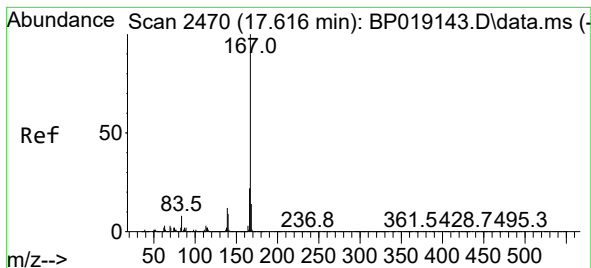
Ion Ratio Lower Upper

250 100

248 63.1 50.4 75.6

252 62.3 52.1 78.1





#77

Carbazole

Concen: 30.720 ng/ul

RT: 17.610 min Scan# 2470

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

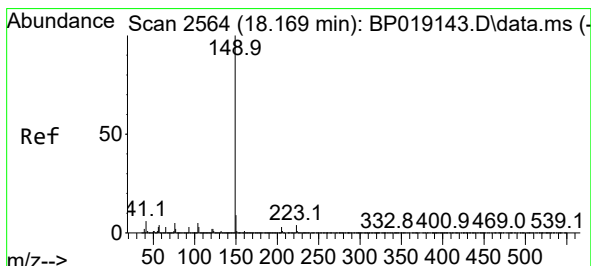
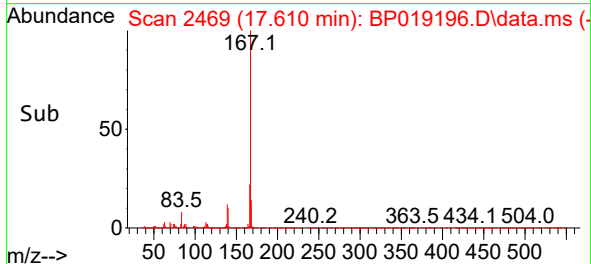
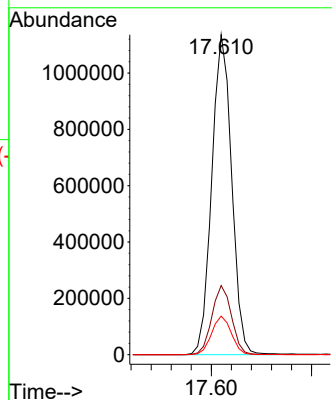
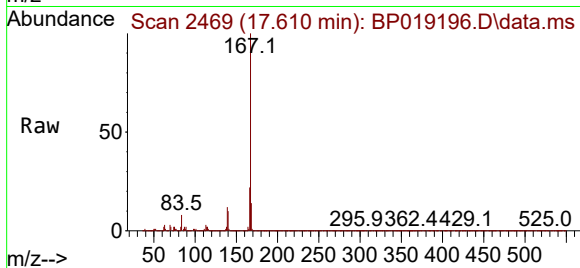
Tgt Ion:167 Resp: 1565422

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 12.1 9.8 14.6



#78

Di-n-butylphthalate

Concen: 28.255 ng/ul

RT: 18.169 min Scan# 2564

Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

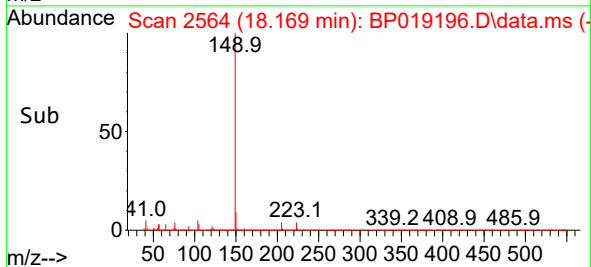
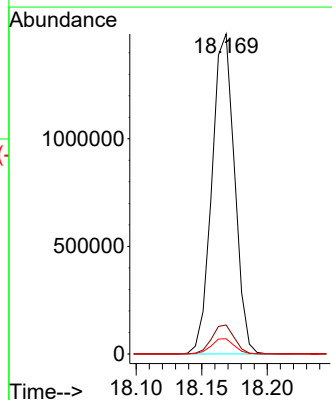
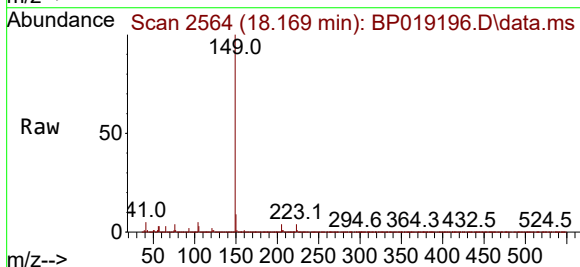
Tgt Ion:149 Resp: 1785633

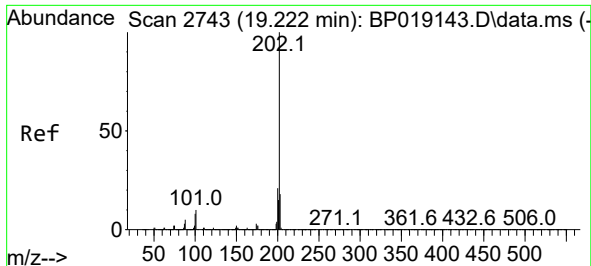
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.7 3.9 5.9

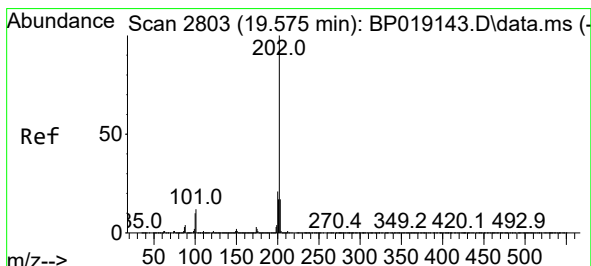
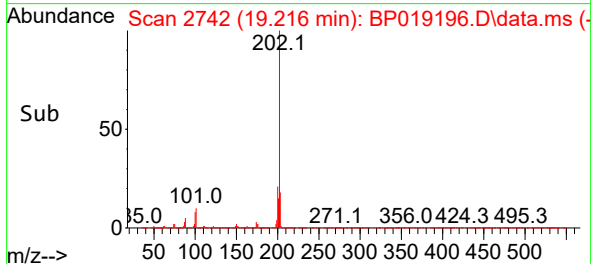
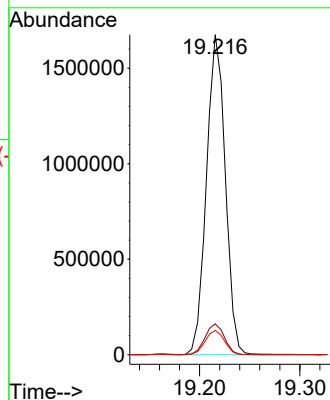
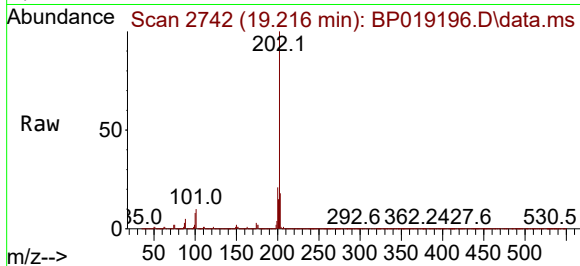




#80
Fluoranthene
Concen: 27.442 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

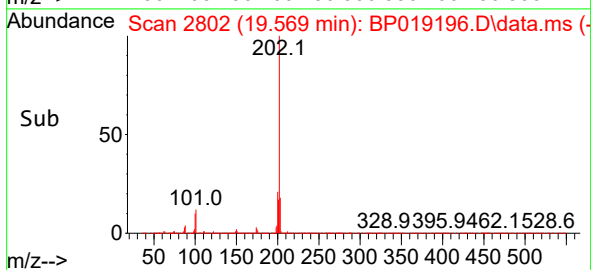
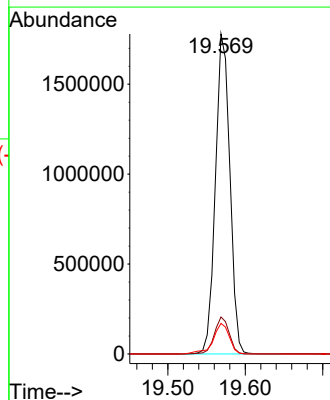
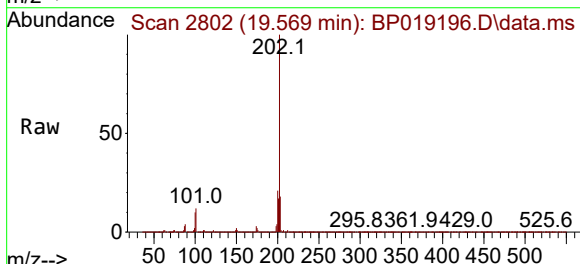
Instrument :
BNA_P
ClientSampleId :
SLCS075

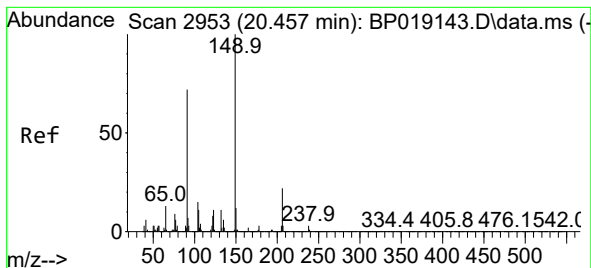
Tgt Ion:202 Resp: 2189388
Ion Ratio Lower Upper
202 100
101 9.7 7.8 11.6
100 7.6 6.0 9.0



#82
Pyrene
Concen: 27.569 ng/ul
RT: 19.569 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BP019196.D
Acq: 30 Dec 2023 08:53

Tgt Ion:202 Resp: 2304415
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 9.5 7.8 11.6





#83

Butylbenzylphthalate

Concen: 28.165 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

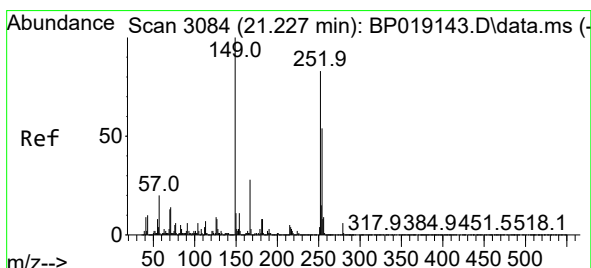
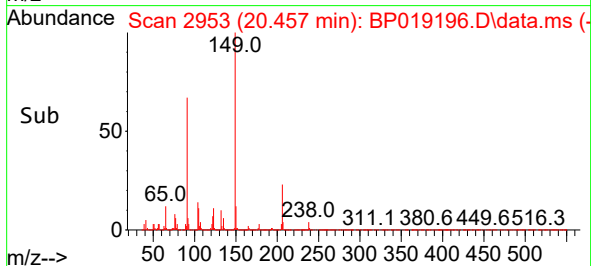
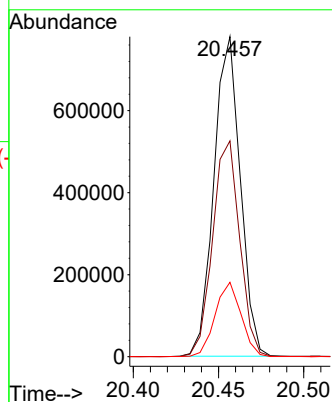
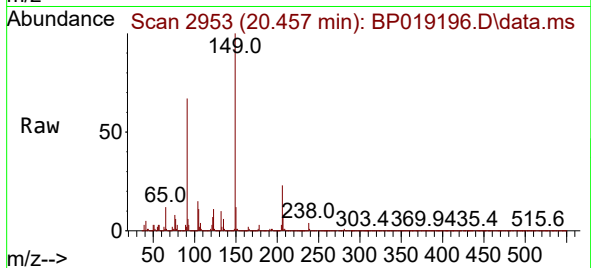
Tgt Ion:149 Resp: 840946

Ion Ratio Lower Upper

149 100

91 67.5 55.6 83.4

206 23.2 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 27.900 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

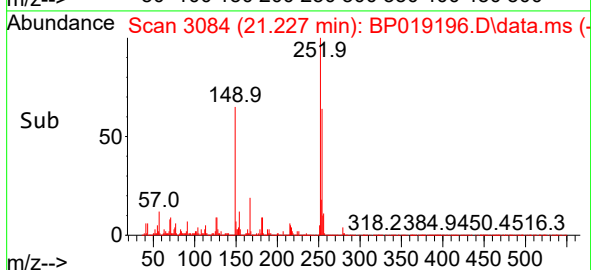
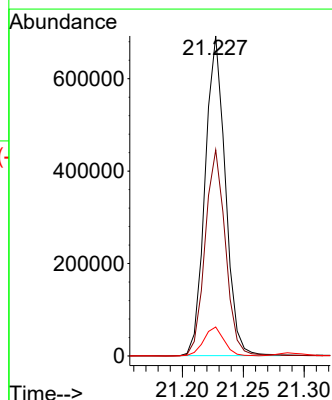
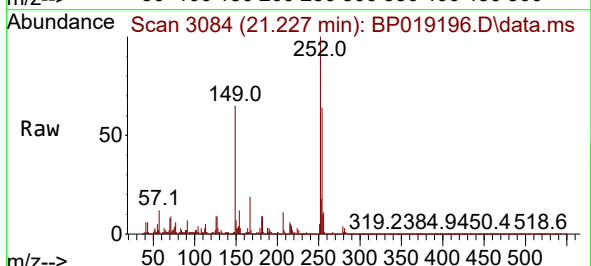
Tgt Ion:252 Resp: 796196

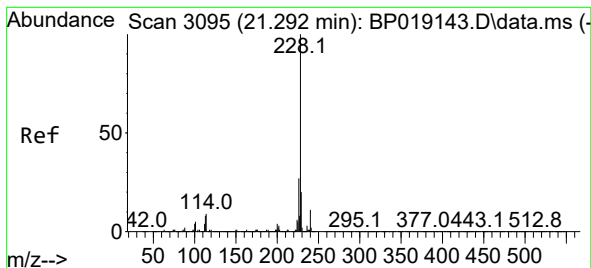
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 9.1 7.6 11.4





#85

Benzo(a)anthracene

Concen: 28.141 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

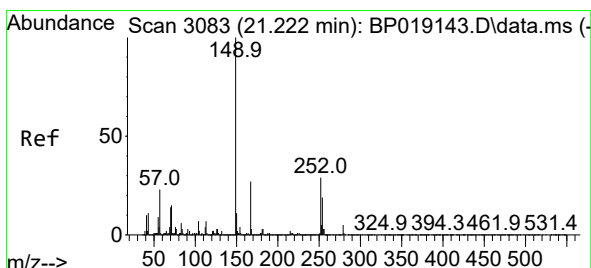
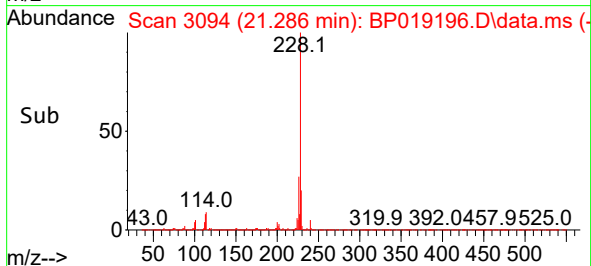
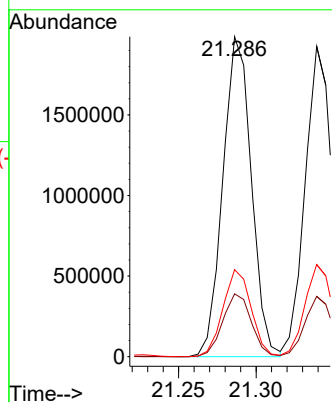
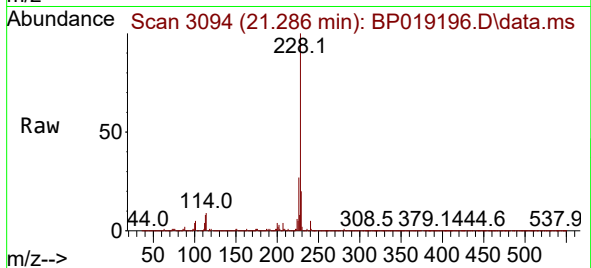
Tgt Ion:228 Resp: 2536506

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.005 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

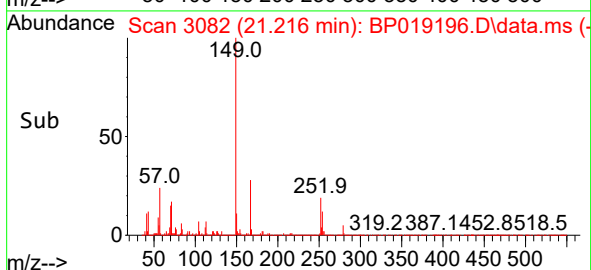
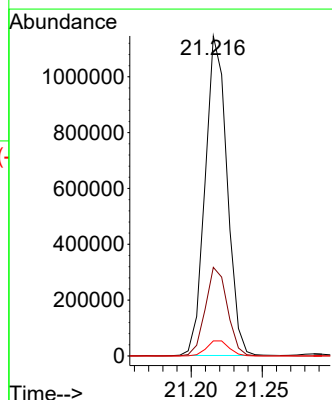
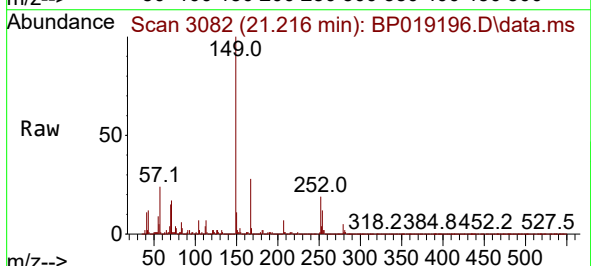
Tgt Ion:149 Resp: 1231269

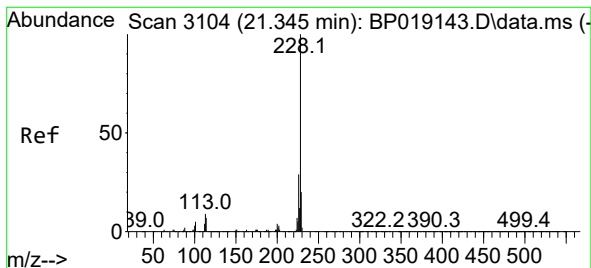
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.7 4.0 6.0





#87

Chrysene

Concen: 27.939 ng/ul

RT: 21.339 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

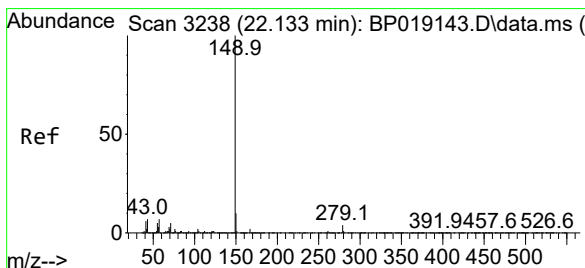
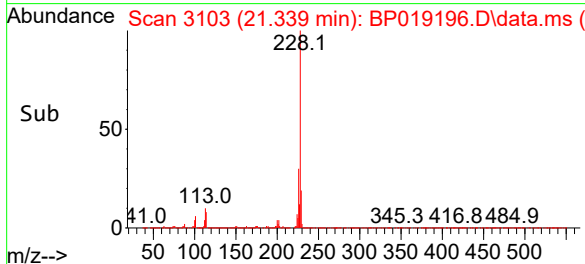
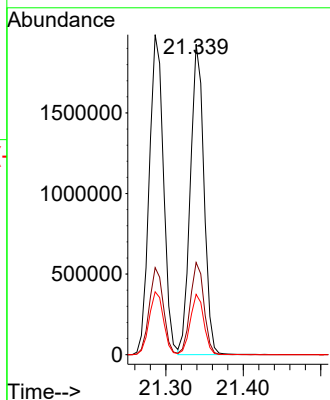
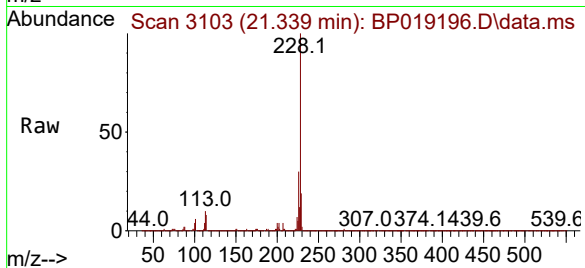
Tgt Ion:228 Resp: 2348233

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 27.928 ng/ul

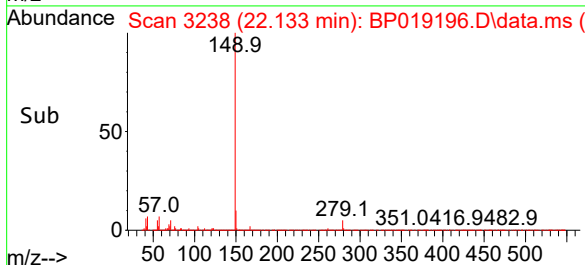
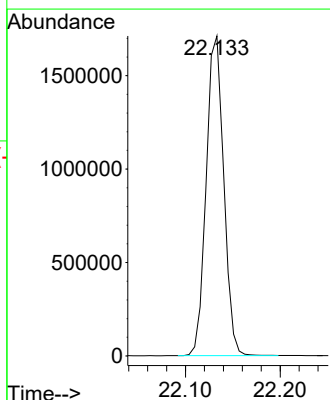
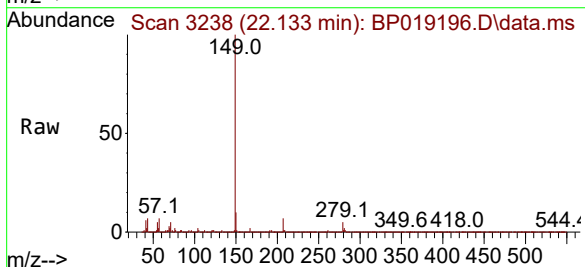
RT: 22.133 min Scan# 3238

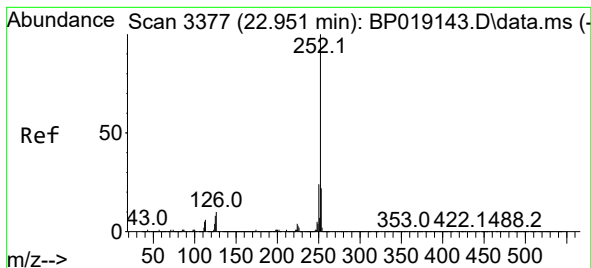
Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Tgt Ion:149 Resp: 2193909





#90

Benzo(b)fluoranthene

Concen: 27.491 ng/ul

RT: 22.945 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

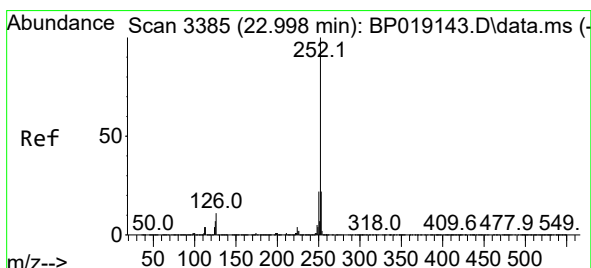
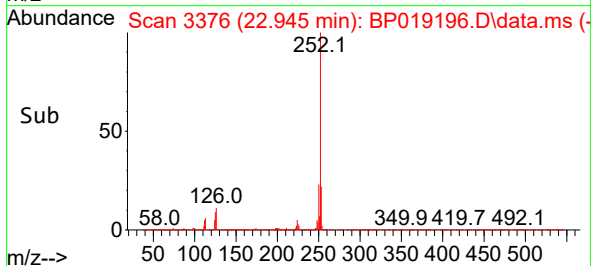
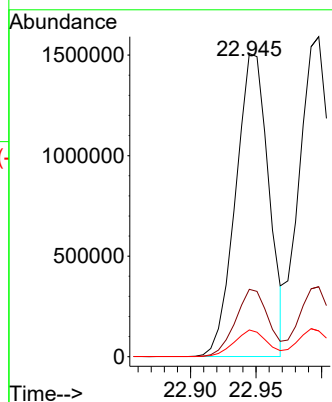
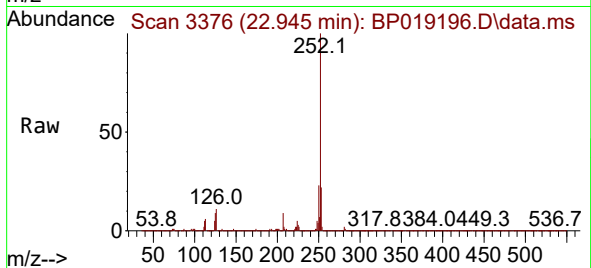
Tgt Ion:252 Resp: 2652599

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.8 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 28.205 ng/ul

RT: 22.998 min Scan# 3385

Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

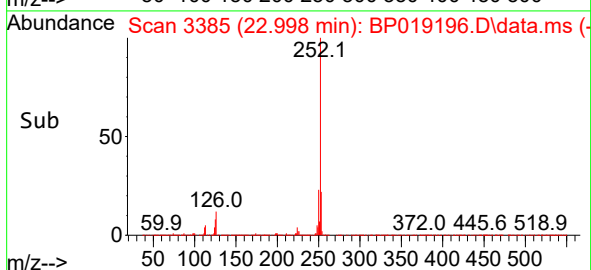
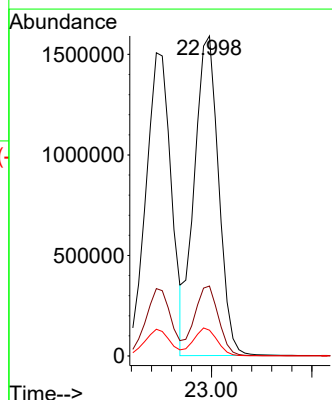
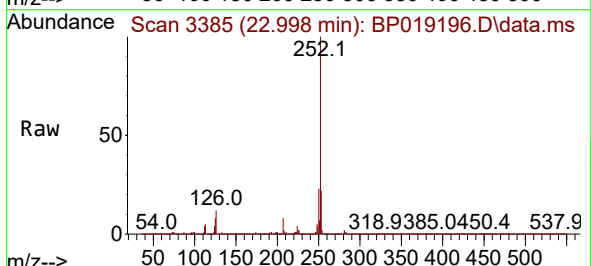
Tgt Ion:252 Resp: 2674263

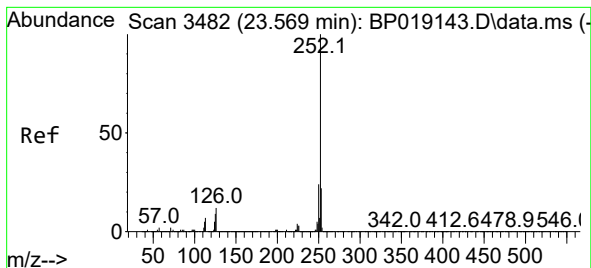
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.0 6.7 10.1





#93

Benzo(a)pyrene

Concen: 28.089 ng/ul

RT: 23.562 min Scan# 3482

Delta R.T. -0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

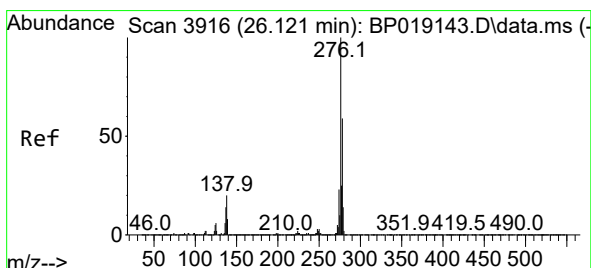
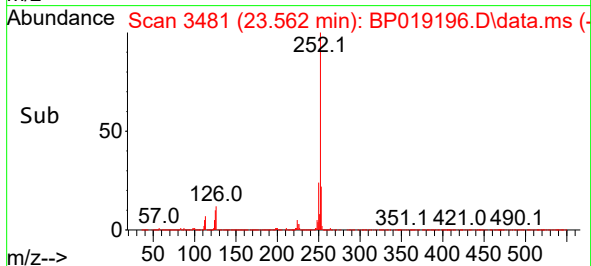
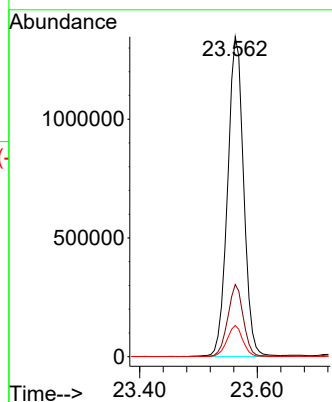
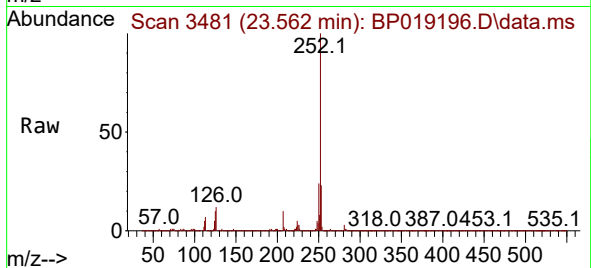
Tgt Ion:252 Resp: 2550997

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.8 7.4 11.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.315 ng/ul

RT: 26.121 min Scan# 3916

Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

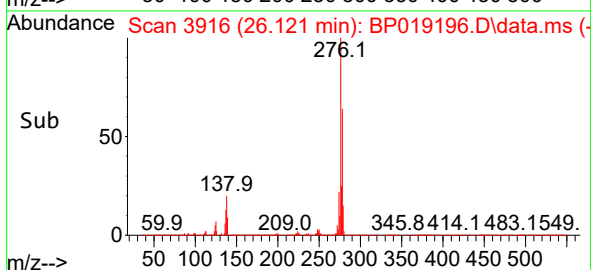
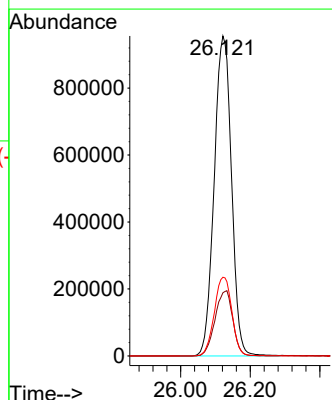
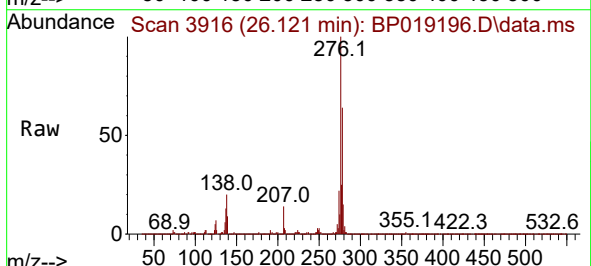
Tgt Ion:276 Resp: 3296450

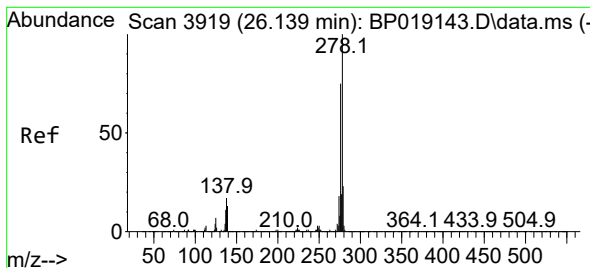
Ion Ratio Lower Upper

276 100

138 19.8 16.6 25.0

277 24.6 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 28.185 ng/ul

RT: 26.139 min Scan# 3919

Delta R.T. -0.000 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Instrument :

BNA_P

ClientSampleId :

SLCS075

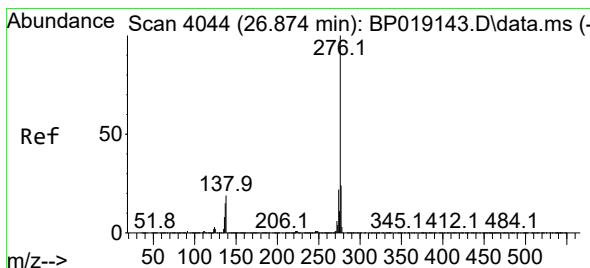
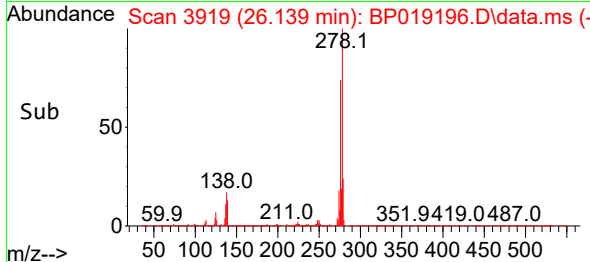
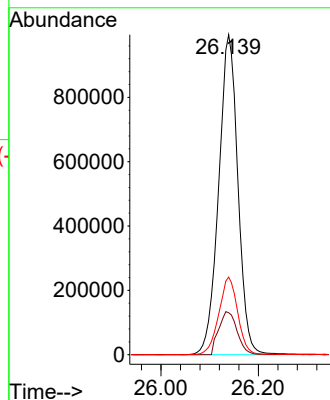
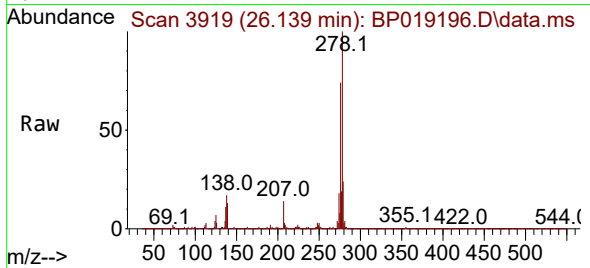
Tgt Ion:278 Resp: 2729677

Ion Ratio Lower Upper

278 100

139 13.1 11.0 16.4

279 24.3 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 28.631 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. 0.006 min

Lab File: BP019196.D

Acq: 30 Dec 2023 08:53

Tgt Ion:276 Resp: 2671187

Ion Ratio Lower Upper

276 100

138 17.7 15.2 22.8

277 23.9 19.4 29.0

