

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015215.D
 Acq On : 22 May 2023 15:02
 Operator : CG/JU
 Sample : PB152787BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS787

Quant Time: May 22 15:49:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	277781	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	1208716	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	756703	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1619440	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1079162	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1146007	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	44550	6.231	ng/uL	0.00
4) Pyridine-d5	3.869	84	613726	30.284	ng/u1	0.00
7) Phenol-d5	7.275	99	843017	32.686	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	510237	34.254	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	676581	35.679	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	700932	34.106	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	344125	36.231	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	388414	36.753	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	691882	36.281	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	907555	32.165	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	2122642	37.122	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2346822	35.885	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	369123	33.244	ng/u1	0.00
60) Fluorene-d10	15.751	176	1732978	35.917	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	350625	34.355	ng/u1	0.00
73) Anthracene-d10	17.616	188	2575195	34.727	ng/u1	0.00
81) Pyrene-d10	19.833	212	2724767	43.534	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2188961	38.478	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	84802	11.039	ng/uL	97
5) Pyridine	3.887	79	541194	25.677	ng/u1	95
6) Benzaldehyde	7.252	77	400360	56.476	ng/u1	99
8) Phenol	7.305	94	781903	29.565	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.540	93	626278	29.598	ng/u1	99
12) 2-Chlorophenol	7.681	128	600352	29.931	ng/u1	98
13) 2-Methylphenol	8.569	108	598173	29.265	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.657	45	800909	30.212	ng/u1	99
16) Acetophenone	8.957	105	946507	29.509	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.946	70	484009	28.772	ng/u1	96
18) 4-Methylphenol	8.904	108	651643	28.965	ng/u1	98
19) Hexachloroethane	9.216	117	247732	30.248	ng/u1	91
22) Nitrobenzene	9.346	77	739879	31.541	ng/u1	99
23) Isophorone	9.875	82	1416153	29.370	ng/u1	99
25) 2-Nitrophenol	10.063	139	362809	31.306	ng/u1	96
26) 2,4-Dimethylphenol	10.116	107	655180	28.331	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.351	93	875757	29.851	ng/u1	98
29) 2,4-Dichlorophenol	10.598	162	604781	31.396	ng/u1	99
30) Naphthalene	11.004	128	1943990	29.583	ng/u1	100
32) 4-Chloroaniline	11.116	127	695301	23.976	ng/u1	99
33) Hexachlorobutadiene	11.281	225	384458	33.115	ng/u1	97
34) Caprolactam	11.898	113	129865	17.882	ng/u1	94
35) 4-Chloro-3-methylphenol	12.228	107	689830	31.715	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	1334004	30.129	ng/u1	100

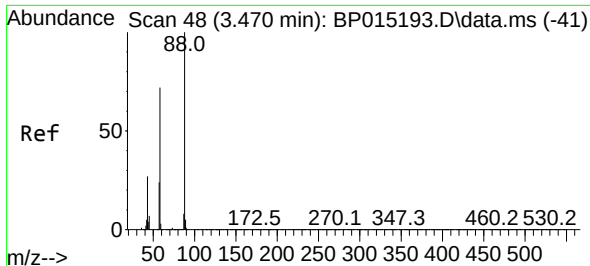
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1368093	30.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	744700	32.906	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	331586	22.614	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	472856	29.589	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	536279	30.950	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1815166	30.917	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1423904	31.056	ng/ul	98
45) 2-Nitroaniline	13.851	65	443908	33.838	ng/ul	95
47) Dimethylphthalate	14.216	163	1860692	31.246	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	401790	34.056	ng/ul	99
50) Acenaphthylene	14.486	152	2195955	30.094	ng/ul	99
51) 3-Nitroaniline	14.669	138	393113	37.004	ng/ul	100
52) Acenaphthene	14.828	153	1499384	30.085	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	205300	26.209	ng/ul	94
55) 4-Nitrophenol	14.975	109	265246	32.479	ng/ul	89
56) Dibenzofuran	15.163	168	2135078	30.800	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	566799	33.201	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.386	232	407527	27.868	ng/ul	97
59) Diethylphthalate	15.575	149	1922009	32.360	ng/ul	100
61) Fluorene	15.810	166	1684570	30.240	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	851734	31.292	ng/ul	98
63) 4-Nitroaniline	15.833	138	379719	41.391	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.892	198	311804	29.603	ng/ul#	95
67) N-Nitrosodiphenylamine	16.010	169	1490809	31.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	559690	33.554	ng/ul	98
69) Hexachlorobenzene	16.816	284	647251	32.835	ng/ul	99
70) Atrazine	16.963	200	176823	10.046	ng/ul	97
71) Pentachlorophenol	17.163	266	302571	24.539	ng/ul	98
72) Phenanthrene	17.557	178	2744631	31.124	ng/ul	99
74) Anthracene	17.651	178	2676517	30.015	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	754303	32.851	ng/uL	100
76) Pentachlorobenzene	15.081	250	737539	31.991	ng/uL	100
77) Carbazole	17.916	167	2387010	30.527	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3285983	32.632	ng/ul	99
80) Fluoranthene	19.504	202	2975874	39.009	ng/ul	99
82) Pyrene	19.863	202	2960380	37.578	ng/ul	97
83) Butylbenzylphthalate	20.716	149	1335469	38.239	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	810838	34.211	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2497309	33.468	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1942415	38.632	ng/ul	100
87) Chrysene	21.627	228	2339989	32.805	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2985773	38.042	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2463265	33.905	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	2257421	32.359	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2099110	32.688	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2734602	32.889	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	2251765	32.991	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2249975	33.184	ng/ul	99

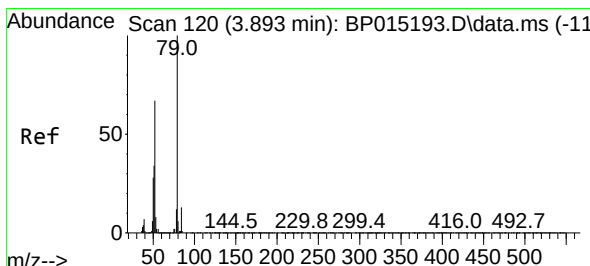
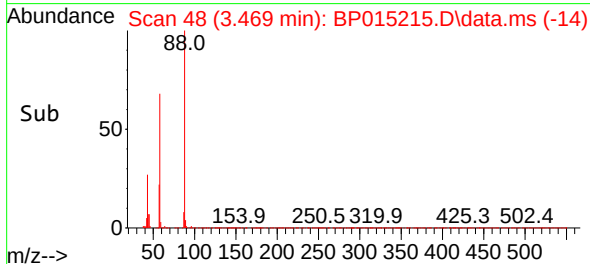
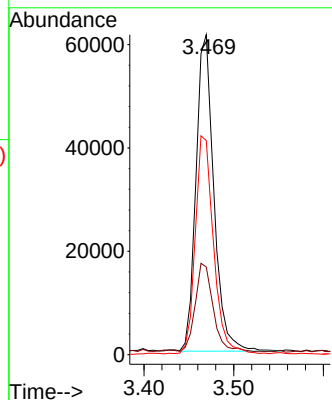
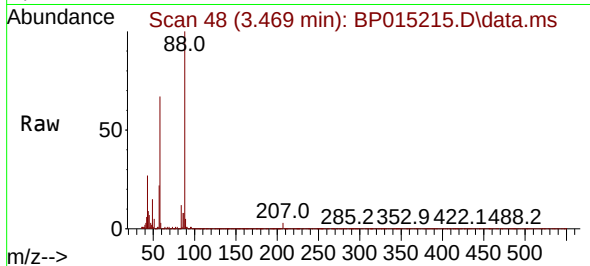
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#2
 1,4-Dioxane
 Concen: 11.039 ng/uL
 RT: 3.469 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP015215.D
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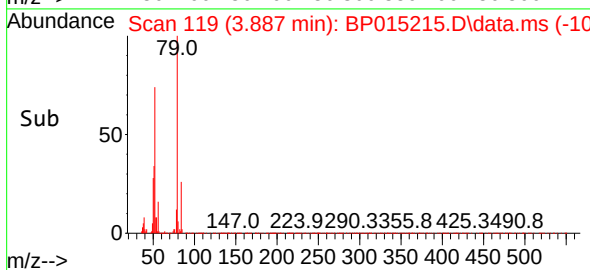
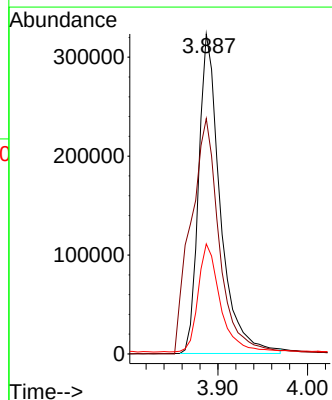
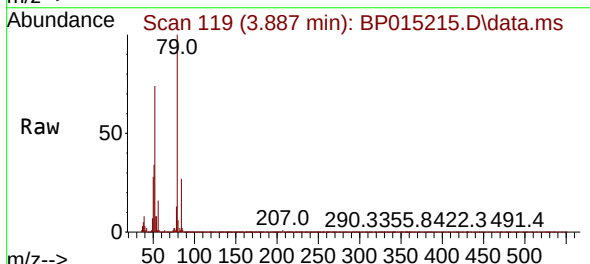
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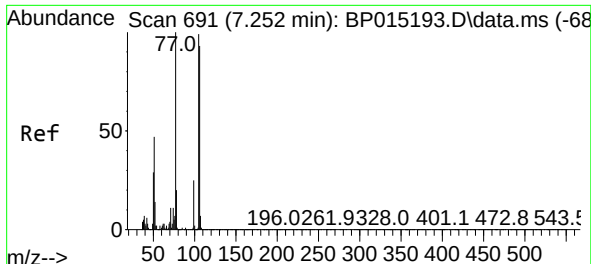
Tgt Ion: 88 Resp: 84802
 Ion Ratio Lower Upper
 88 100
 43 27.4 20.4 30.6
 58 66.9 55.4 83.2



#5
 Pyridine
 Concen: 25.677 ng/uL
 RT: 3.887 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: BP015215.D
 Acq: 22 May 2023 15:02

Tgt Ion: 79 Resp: 541194
 Ion Ratio Lower Upper
 79 100
 52 73.6 55.4 83.2
 51 34.4 25.4 38.2

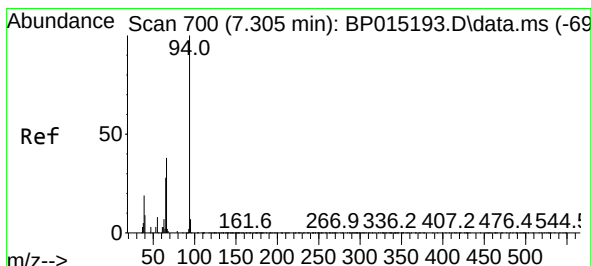
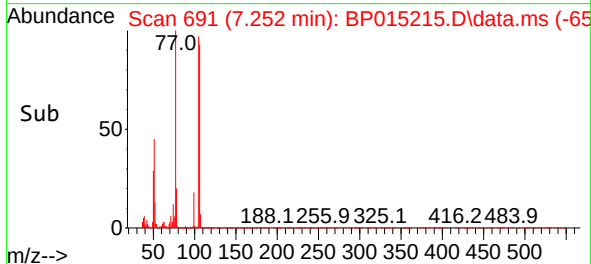
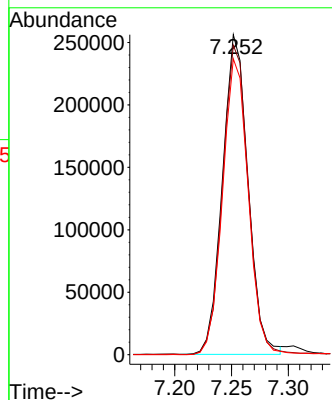
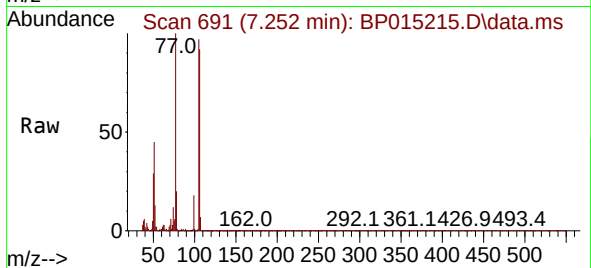




#6
Benzaldehyde
Concen: 56.476 ng/ul
RT: 7.252 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

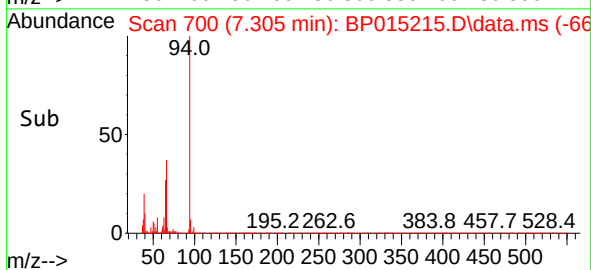
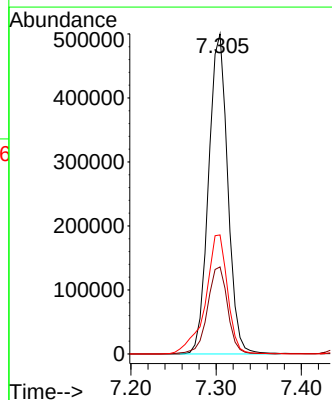
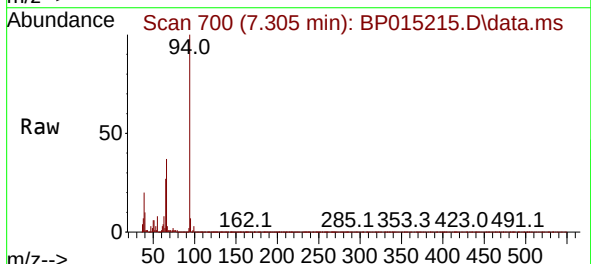
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ClientSampleId :
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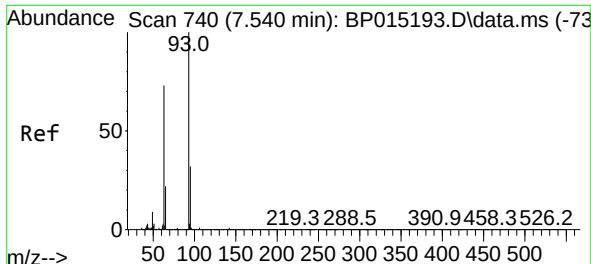
Tgt Ion: 77 Resp: 400360
Ion Ratio Lower Upper
77 100
105 96.7 76.9 115.3
106 92.5 75.0 112.6



#8
Phenol
Concen: 29.565 ng/ul
RT: 7.305 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion: 94 Resp: 781903
Ion Ratio Lower Upper
94 100
65 27.2 20.6 31.0
66 37.2 26.1 39.1





#10

Bis(2-Chloroethyl)ether

Concen: 29.598 ng/ul

RT: 7.540 min Scan# 740

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

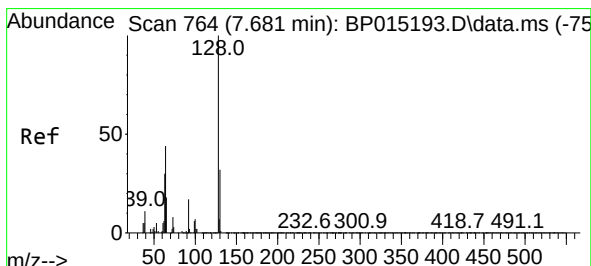
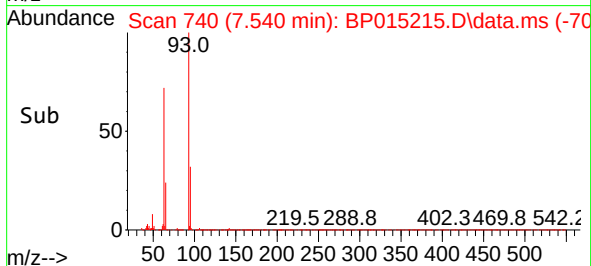
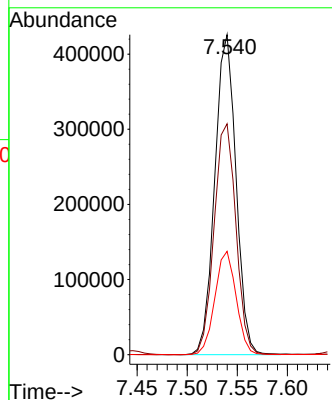
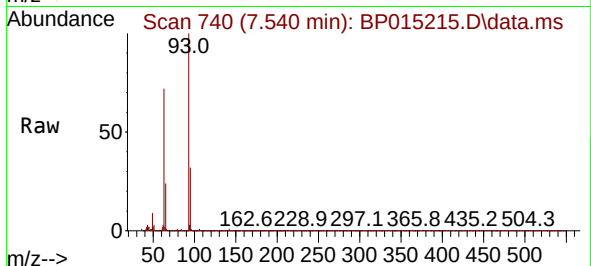
Tgt Ion: 93 Resp: 626278

Ion Ratio Lower Upper

93 100

63 72.2 58.0 87.0

95 32.3 26.4 39.6



#12

2-Chlorophenol

Concen: 29.931 ng/ul

RT: 7.681 min Scan# 764

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

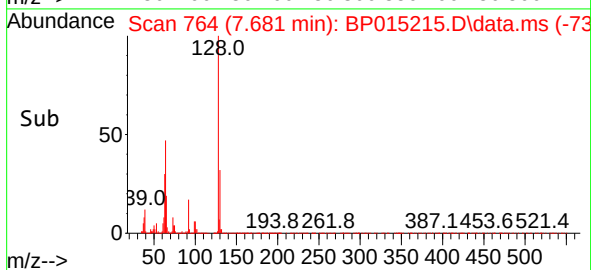
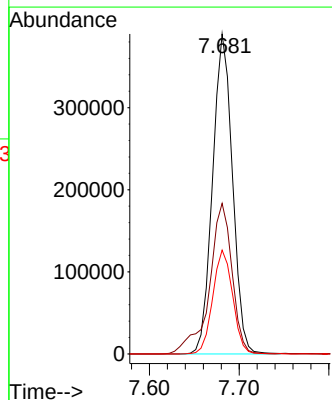
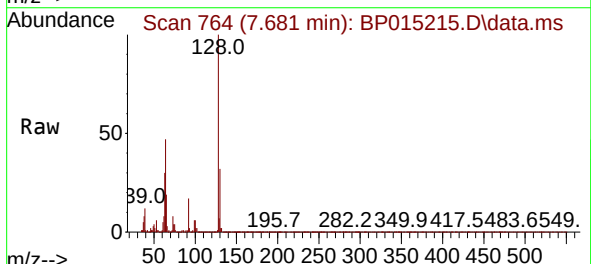
Tgt Ion:128 Resp: 600352

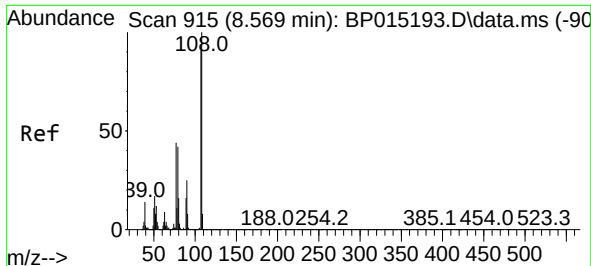
Ion Ratio Lower Upper

128 100

64 47.0 36.2 54.2

130 32.5 26.3 39.5





#13

2-Methylphenol

Concen: 29.265 ng/ul

RT: 8.569 min Scan# 915

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

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BNA_P

ClientSampleId :

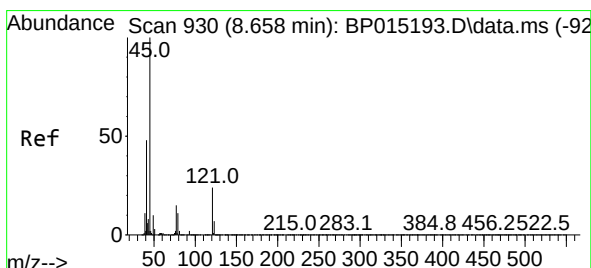
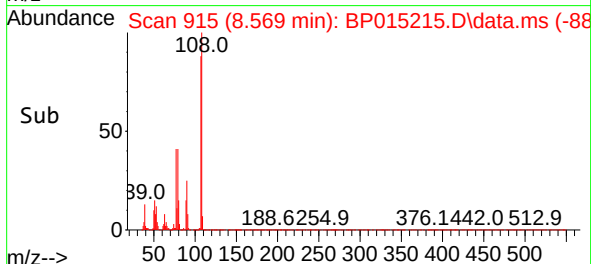
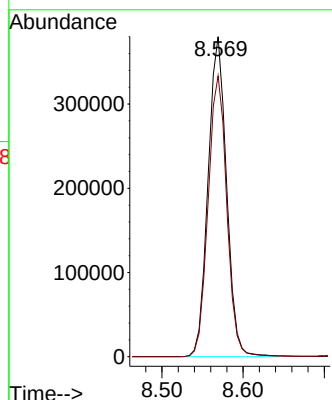
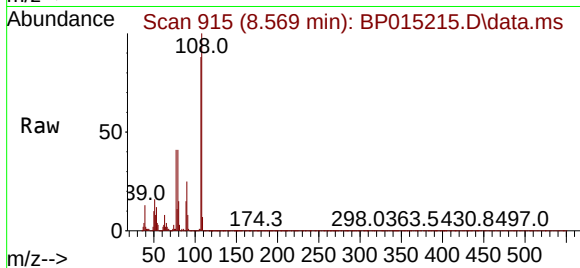
SLCS787

Tgt Ion:108 Resp: 598173

Ion Ratio Lower Upper

108 100

107 87.8 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 30.212 ng/ul

RT: 8.657 min Scan# 930

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

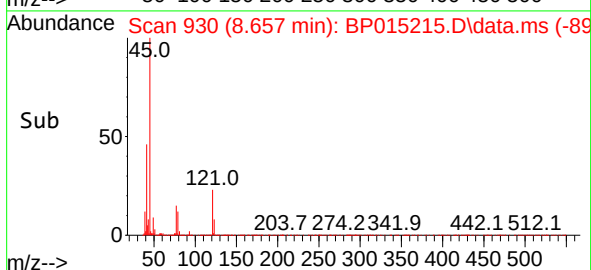
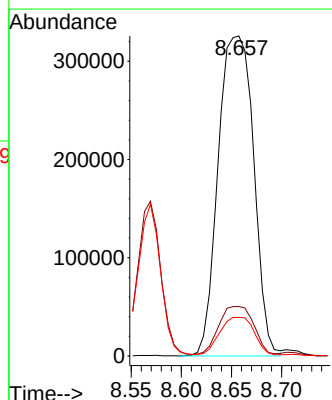
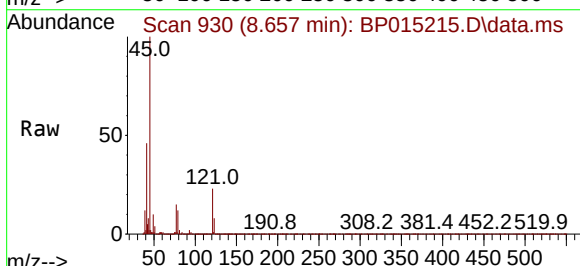
Tgt Ion: 45 Resp: 800909

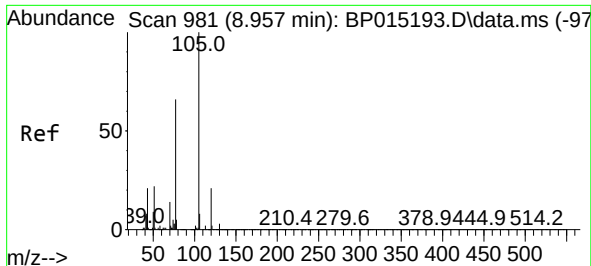
Ion Ratio Lower Upper

45 100

77 15.4 12.8 19.2

79 12.1 9.5 14.3

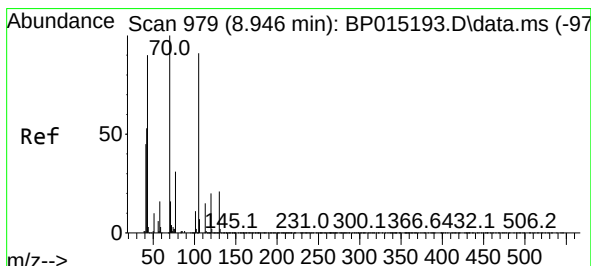
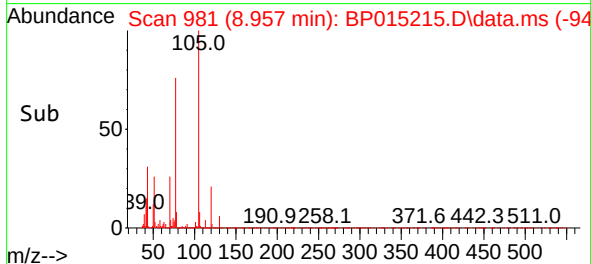
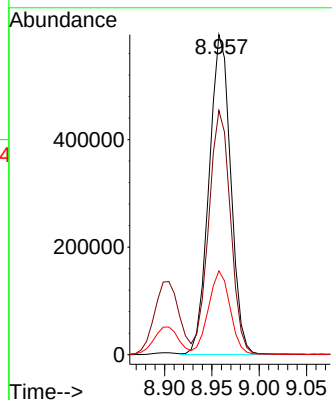
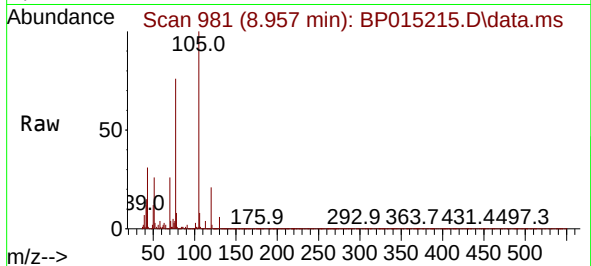




#16
Acetophenone
Concen: 29.509 ng/ul
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

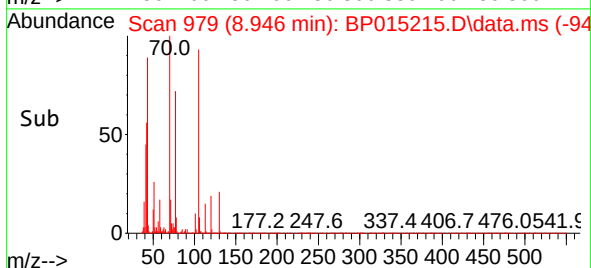
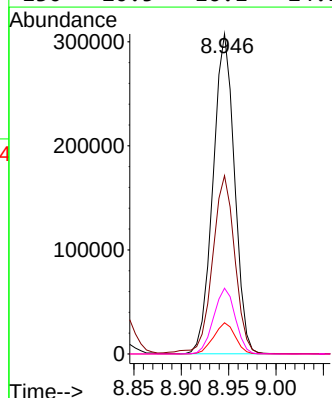
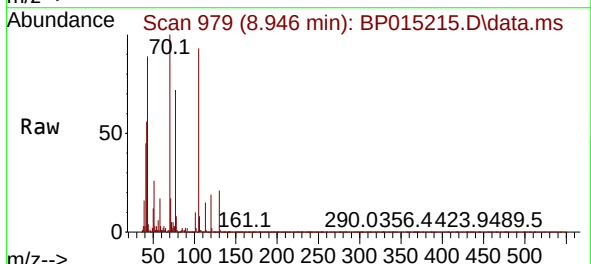
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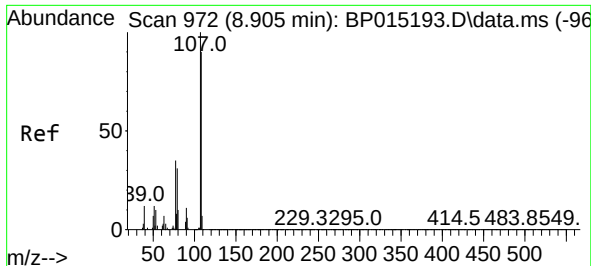
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Ion Ratio Lower Upper
105 100
77 76.3 59.4 89.2
51 26.2 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 28.772 ng/ul
RT: 8.946 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion: 70 Resp: 484009
Ion Ratio Lower Upper
70 100
42 55.7 41.0 61.6
101 9.8 7.9 11.9
130 20.5 16.1 24.1

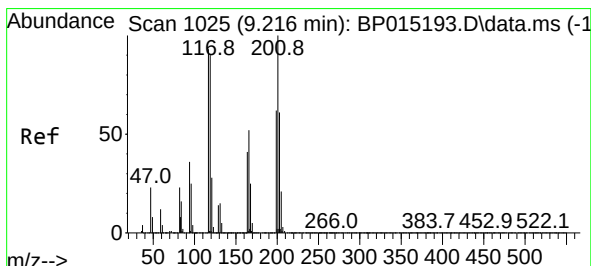
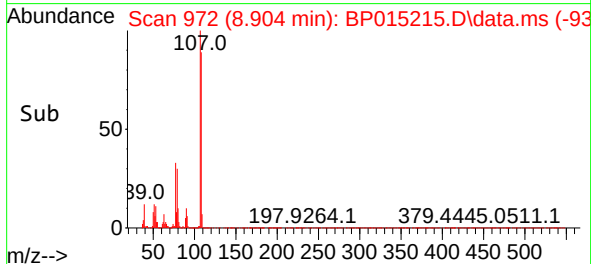
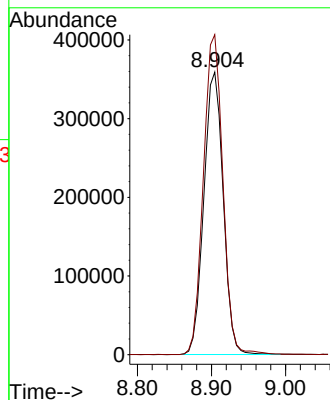
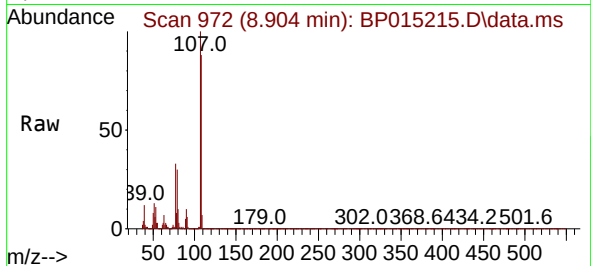




#18
4-Methylphenol
Concen: 28.965 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

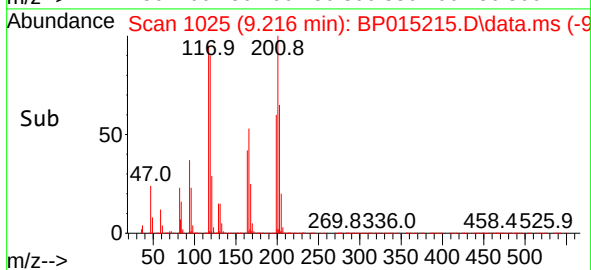
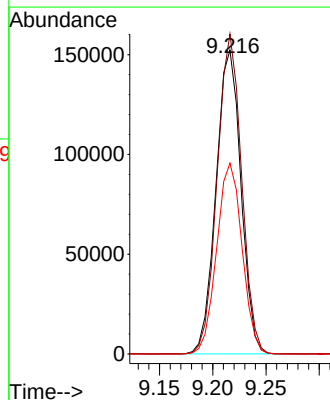
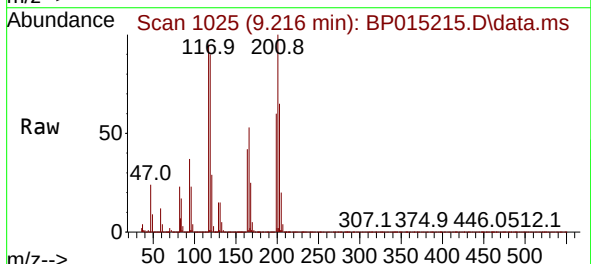
Instrument :
BNA_P
ClientSampleId :
SLCS787

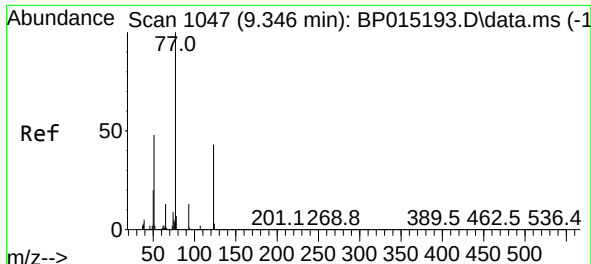
Tgt Ion:108 Resp: 651643
Ion Ratio Lower Upper
108 100
107 113.2 88.5 132.7



#19
Hexachloroethane
Concen: 30.248 ng/ul
RT: 9.216 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:117 Resp: 247732
Ion Ratio Lower Upper
117 100
201 105.3 75.8 113.8
199 62.8 46.5 69.7

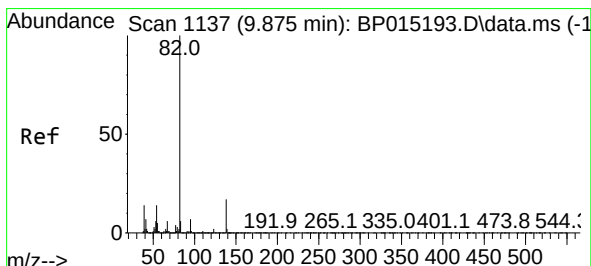
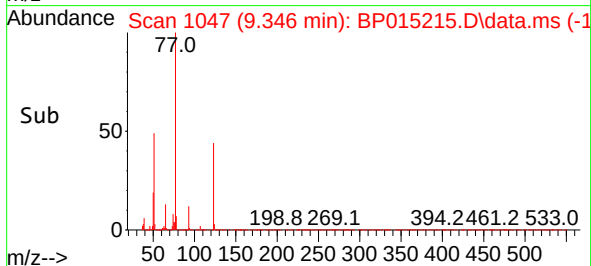
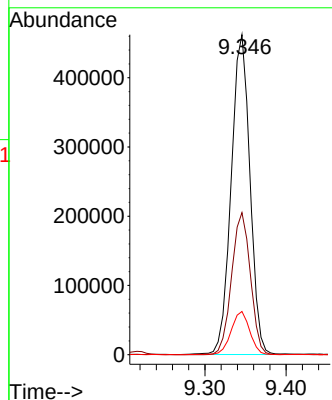
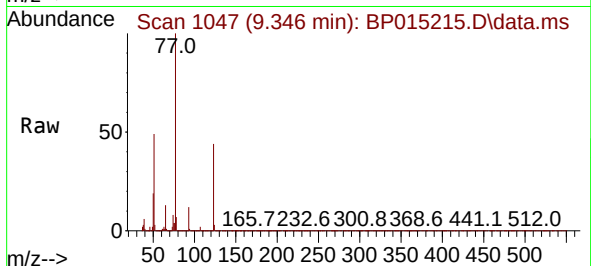




#22
Nitrobenzene
Concen: 31.541 ng/ul
RT: 9.346 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

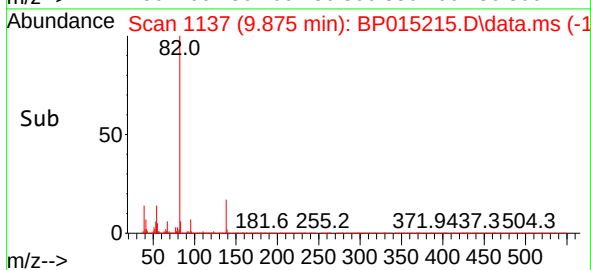
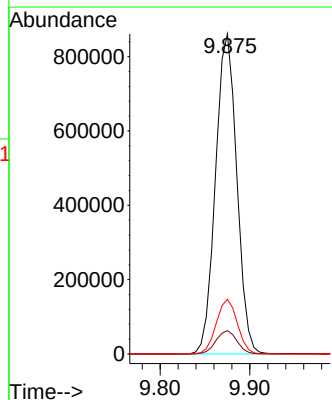
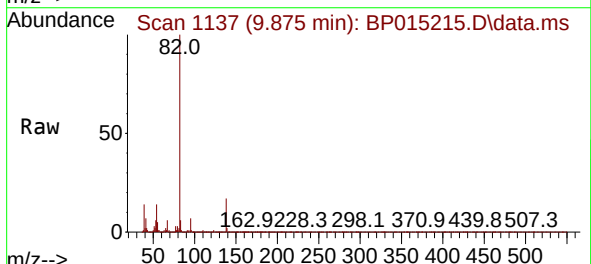
Instrument :
BNA_P
ClientSampleId :
SLCS787

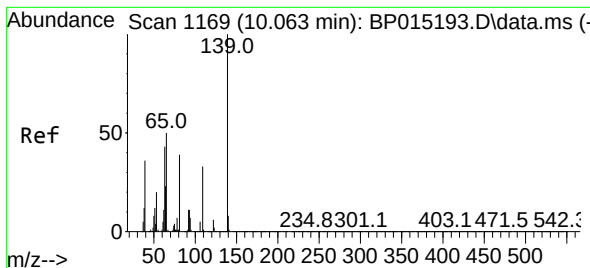
Tgt Ion: 77 Resp: 739879
Ion Ratio Lower Upper
77 100
123 44.4 36.2 54.2
65 13.5 10.1 15.1



#23
Isophorone
Concen: 29.370 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion: 82 Resp: 1416153
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 17.1 13.6 20.4

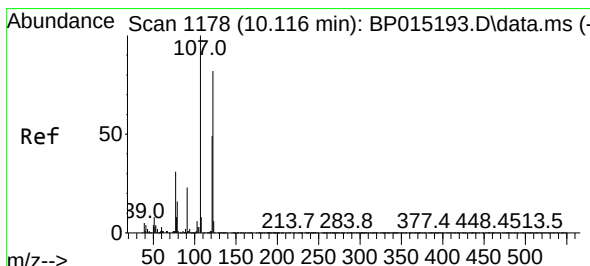
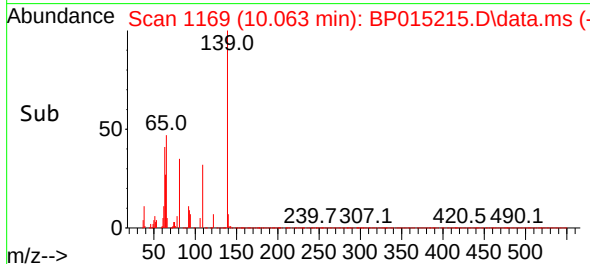
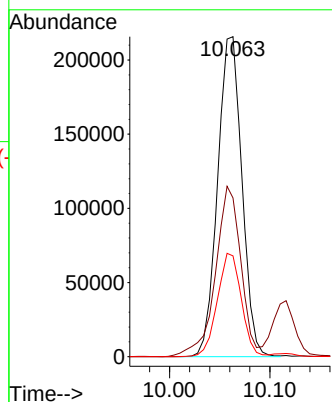
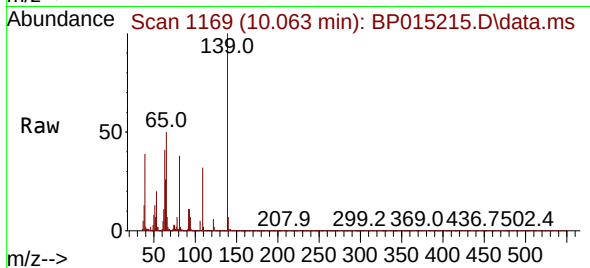




#25
2-Nitrophenol
Concen: 31.306 ng/ul
RT: 10.063 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

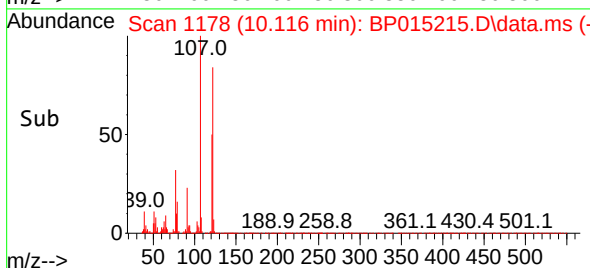
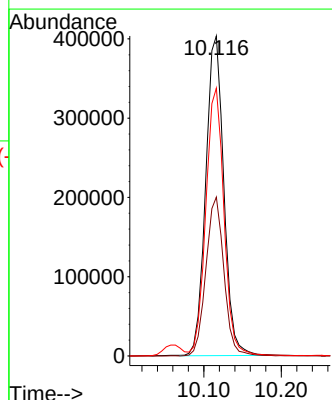
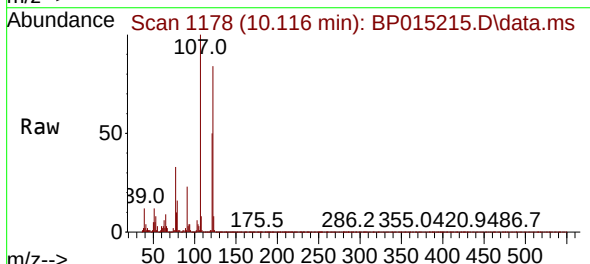
Instrument :
BNA_P
ClientSampleId :
SLCS787

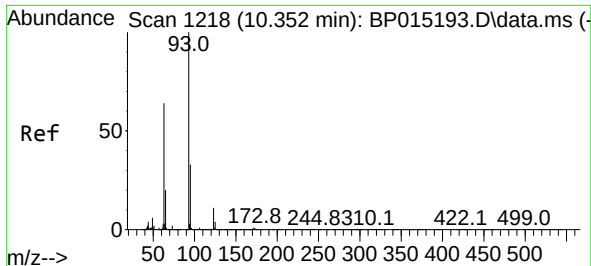
Tgt Ion:139 Resp: 362809
Ion Ratio Lower Upper
139 100
65 49.6 38.4 57.6
109 31.5 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 28.331 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:107 Resp: 655180
Ion Ratio Lower Upper
107 100
121 49.6 41.0 61.6
122 83.7 69.5 104.3



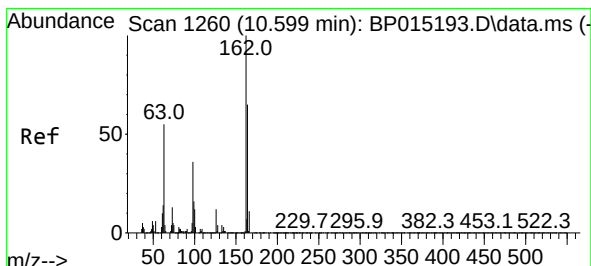
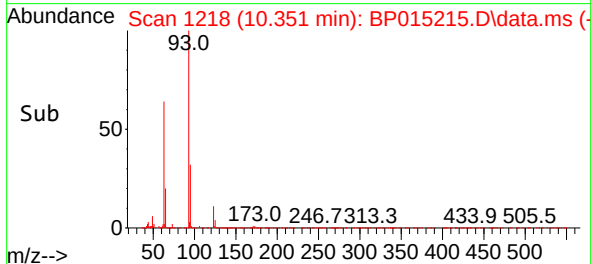
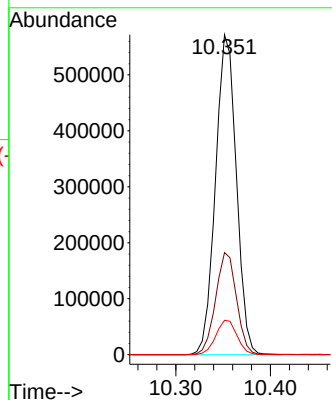
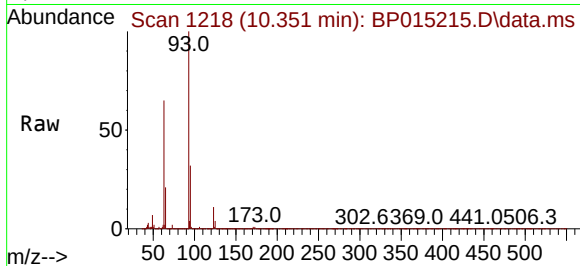


#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.851 ng/ul
 RT: 10.351 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP015215.D
 Acq: 22 May 2023 15:02

Instrument :
 BNA_P
 ClientSampleId :
 SLCS787

Tgt Ion: 93 Resp: 875757

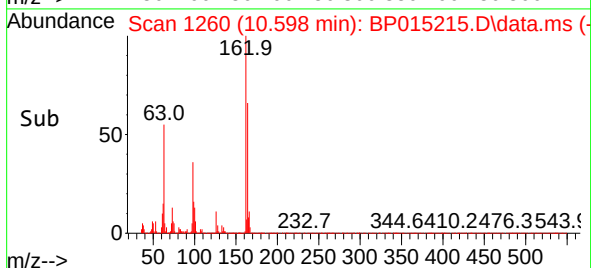
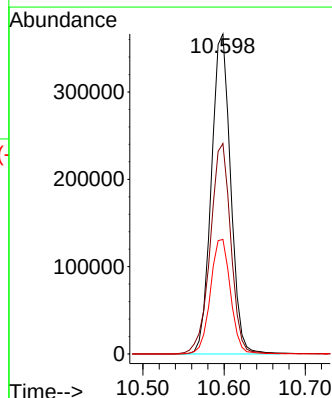
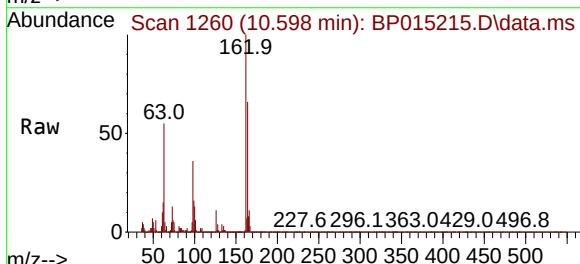
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.7	40.1
123	10.8	9.1	13.7

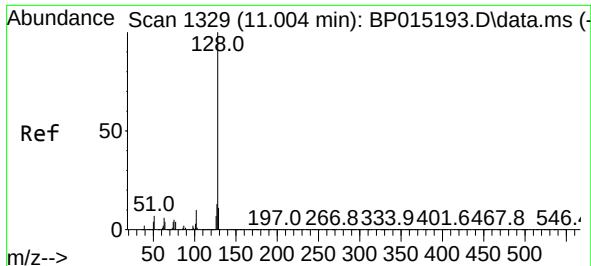


#29
 2,4-Dichlorophenol
 Concen: 31.396 ng/ul
 RT: 10.598 min Scan# 1260
 Delta R.T. -0.000 min
 Lab File: BP015215.D
 Acq: 22 May 2023 15:02

Tgt Ion: 162 Resp: 604781

Ion	Ratio	Lower	Upper
162	100		
164	65.7	52.0	78.0
98	35.8	28.9	43.3

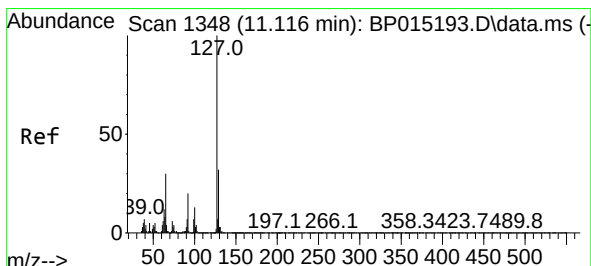
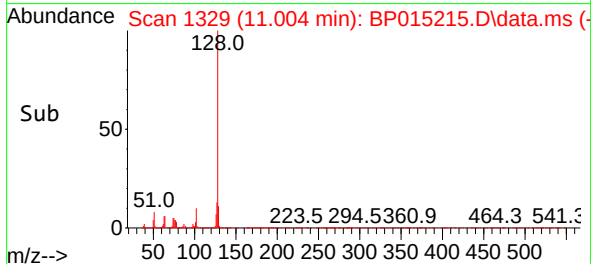
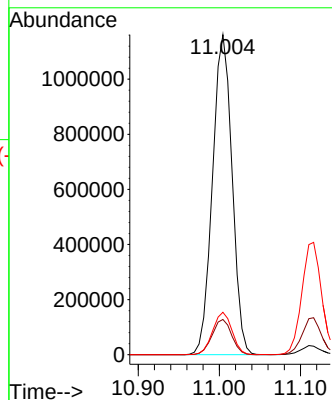
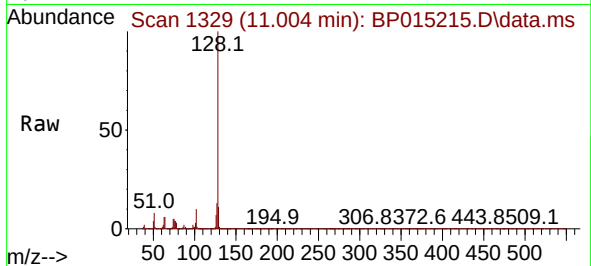




#30
Naphthalene
Concen: 29.583 ng/ul
RT: 11.004 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

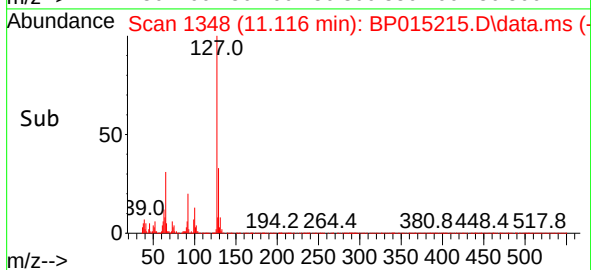
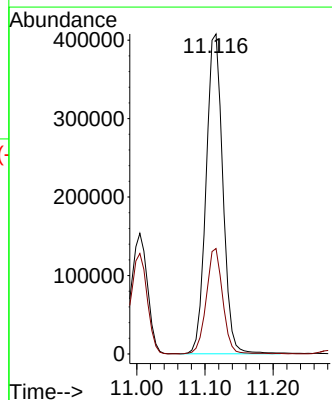
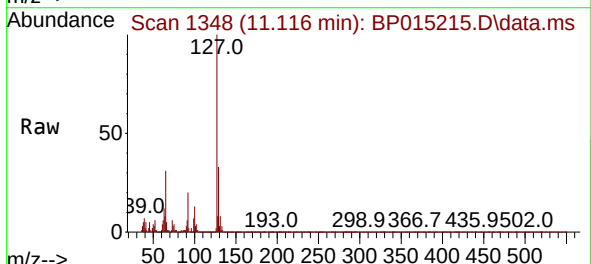
Instrument :
BNA_P
ClientSampleId :
SLCS787

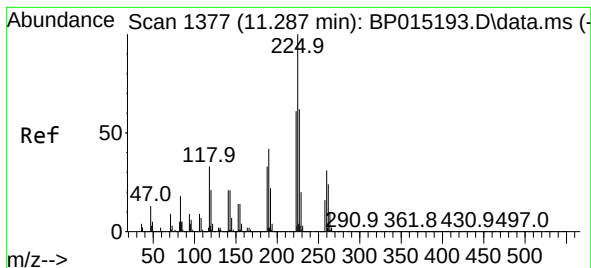
Tgt Ion:128 Resp: 1943990
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 15.8



#32
4-Chloroaniline
Concen: 23.976 ng/ul
RT: 11.116 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:127 Resp: 695301
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8





#33

Hexachlorobutadiene

Concen: 33.115 ng/ul

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

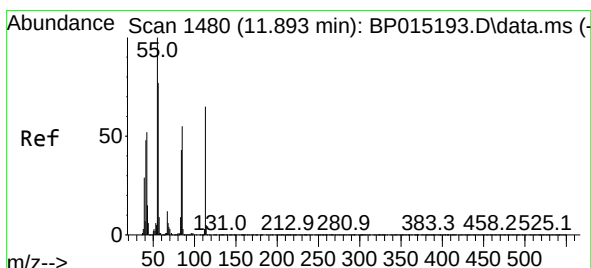
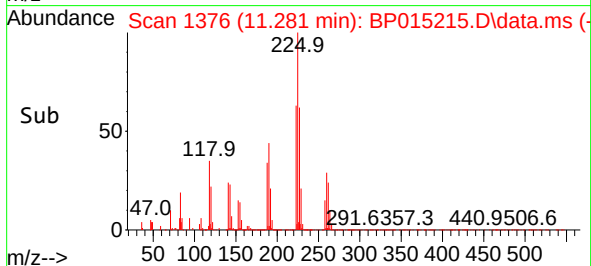
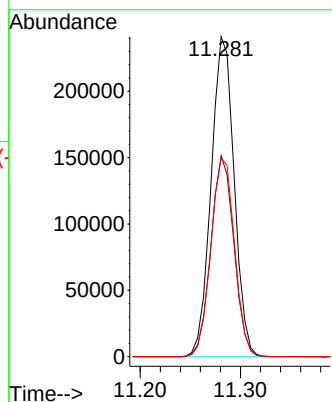
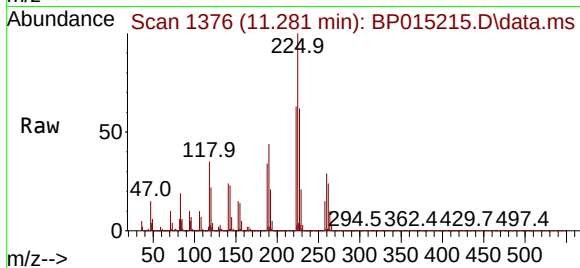
Tgt Ion:225 Resp: 384458

Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.6

227 62.1 52.2 78.4



#34

Caprolactam

Concen: 17.882 ng/ul

RT: 11.898 min Scan# 1481

Delta R.T. 0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

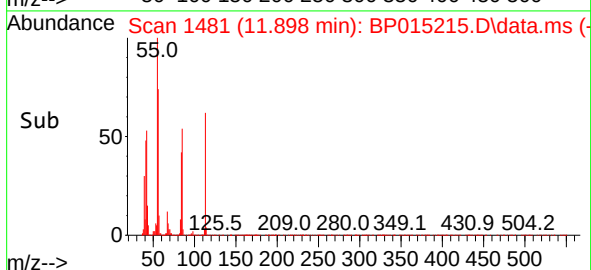
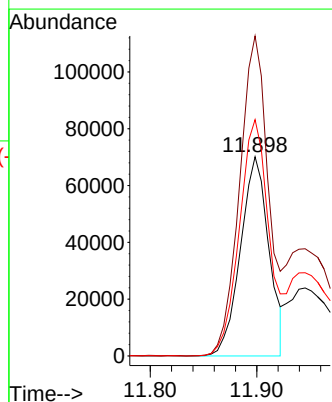
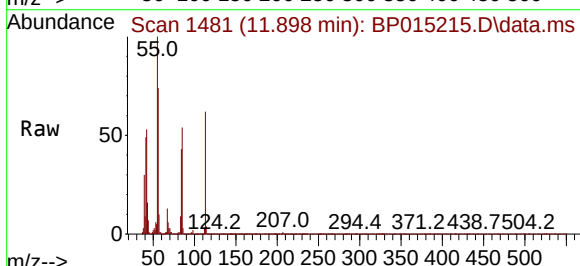
Tgt Ion:113 Resp: 129865

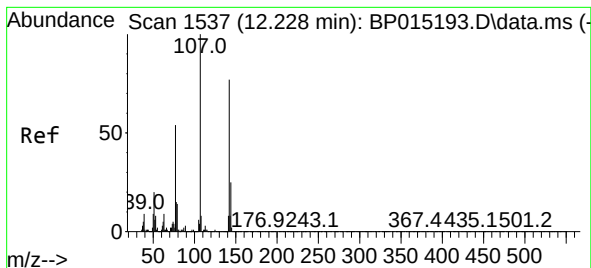
Ion Ratio Lower Upper

113 100

55 160.6 121.2 181.8

56 118.6 90.2 135.4

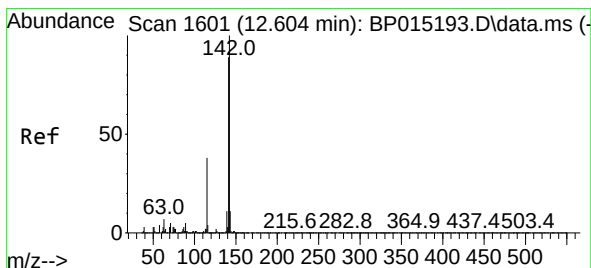
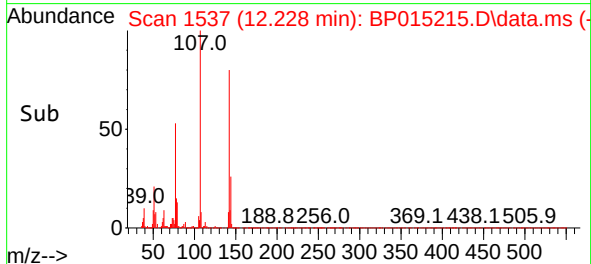
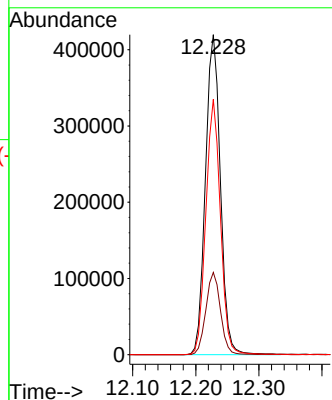
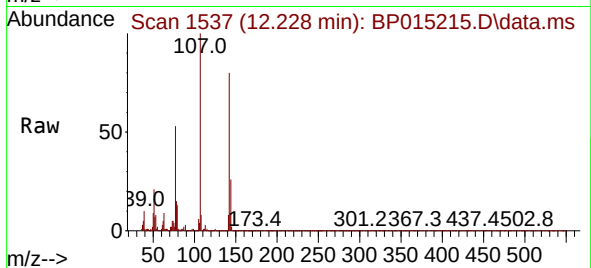




#35
4-Chloro-3-methylphenol
Concen: 31.715 ng/ul
RT: 12.228 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

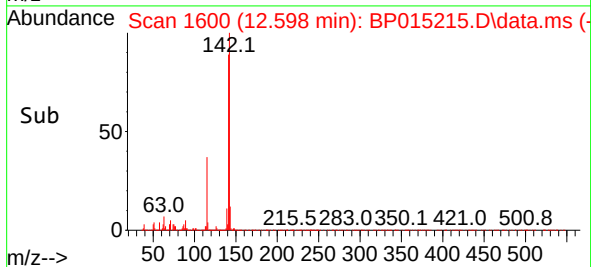
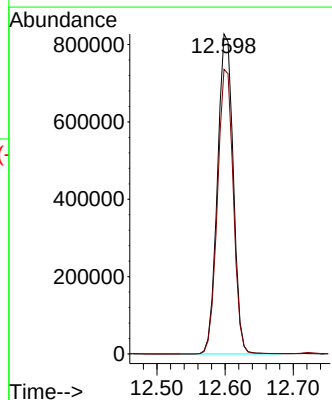
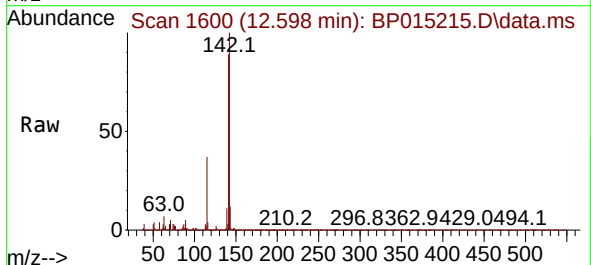
Instrument :
BNA_P
ClientSampleId :
SLCS787

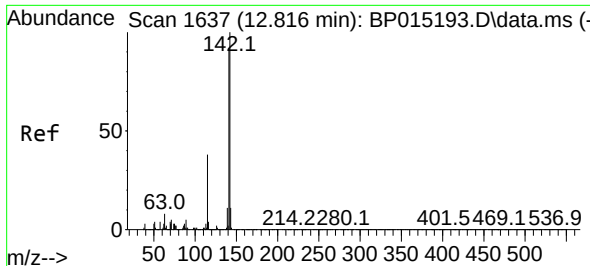
Tgt Ion:107 Resp: 689830
Ion Ratio Lower Upper
107 100
144 25.7 20.3 30.5
142 79.8 63.2 94.8



#36
2-Methylnaphthalene
Concen: 30.129 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:142 Resp: 1334004
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6

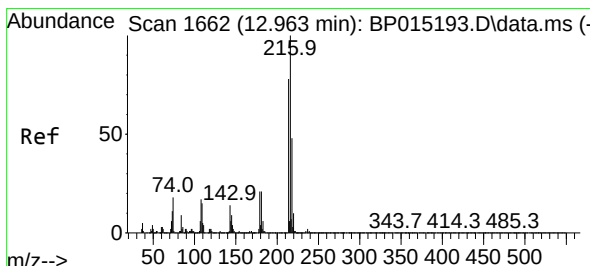
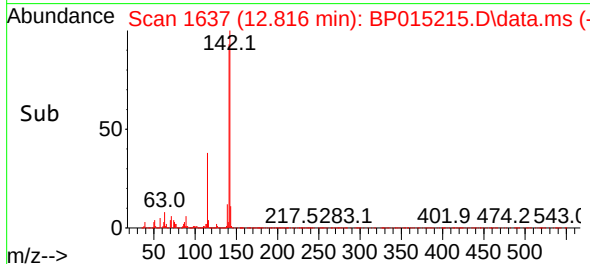
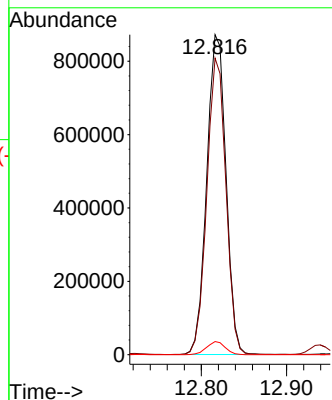
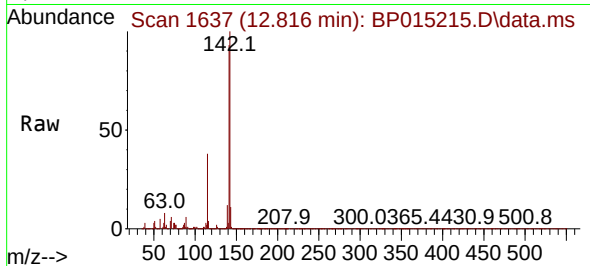




#37
1-Methylnaphthalene
Concen: 30.769 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

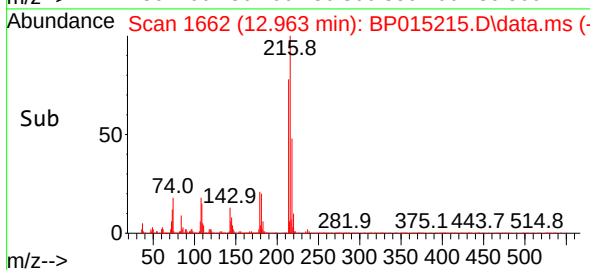
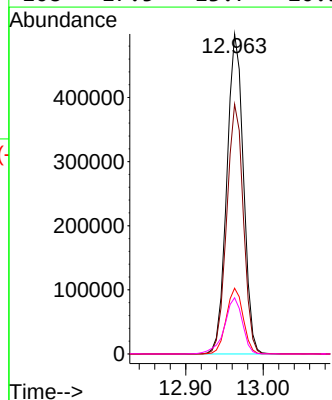
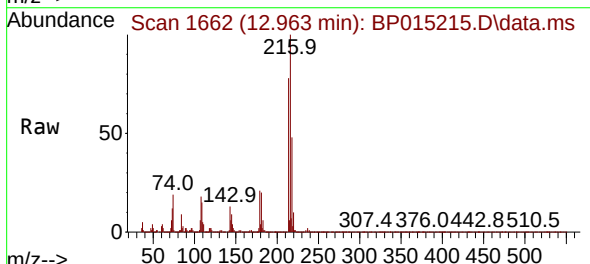
Instrument :
BNA_P
ClientSampleId :
SLCS787

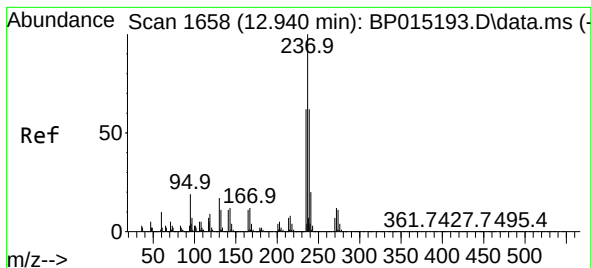
Tgt Ion:142 Resp: 1368093
Ion Ratio Lower Upper
142 100
141 92.7 74.6 112.0
116 4.1 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.906 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:216 Resp: 744700
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.0
179 20.5 15.9 23.9
108 17.5 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 22.614 ng/ul

RT: 12.940 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

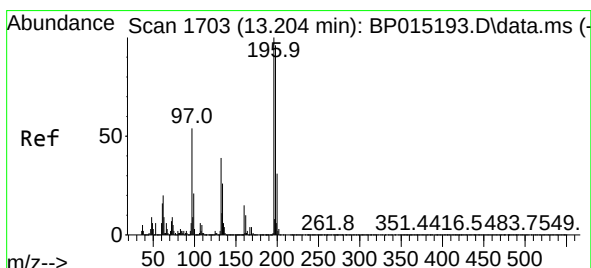
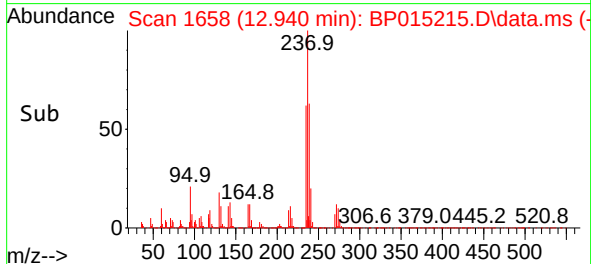
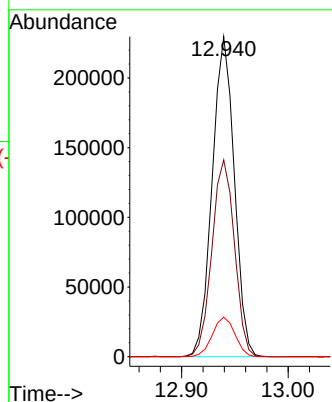
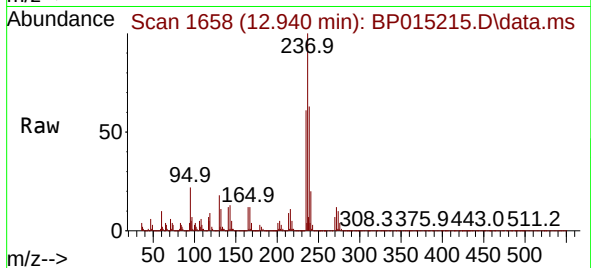
Tgt Ion:237 Resp: 331586

Ion Ratio Lower Upper

237 100

235 61.5 49.4 74.0

272 12.4 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 29.589 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

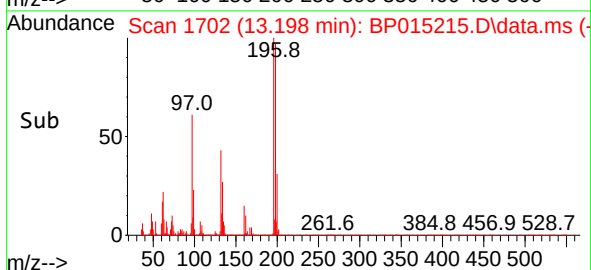
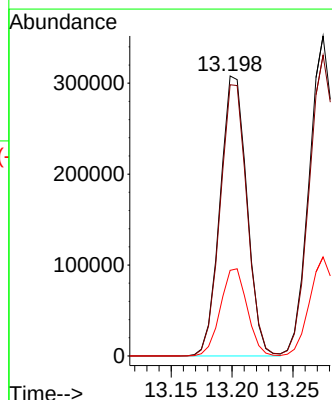
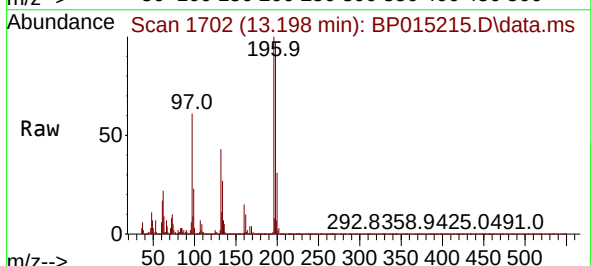
Tgt Ion:196 Resp: 472856

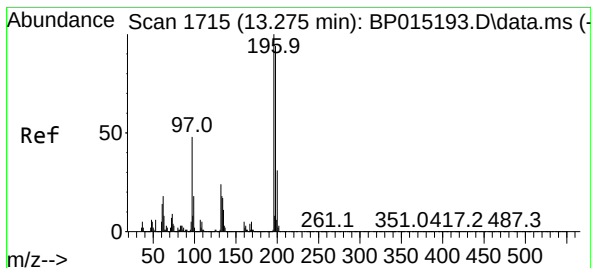
Ion Ratio Lower Upper

196 100

198 96.8 75.5 113.3

200 30.6 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 30.950 ng/ul

RT: 13.275 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

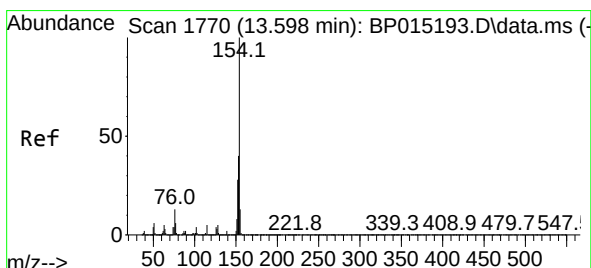
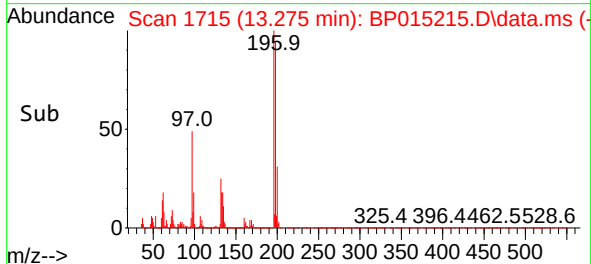
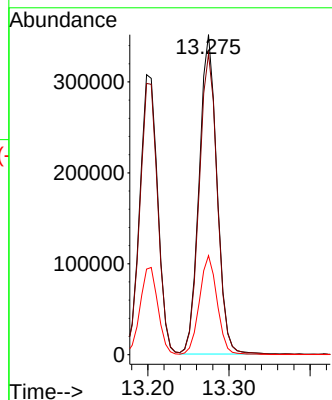
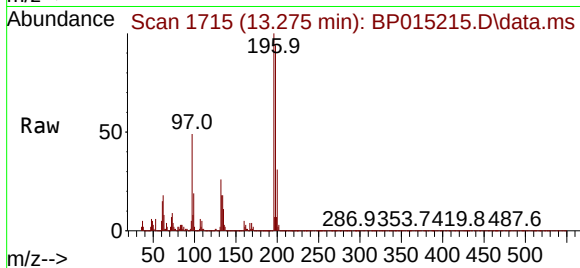
Tgt Ion:196 Resp: 536279

Ion Ratio Lower Upper

196 100

198 94.0 77.0 115.4

200 30.9 24.3 36.5



#43

1,1'-Biphenyl

Concen: 30.917 ng/ul

RT: 13.598 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

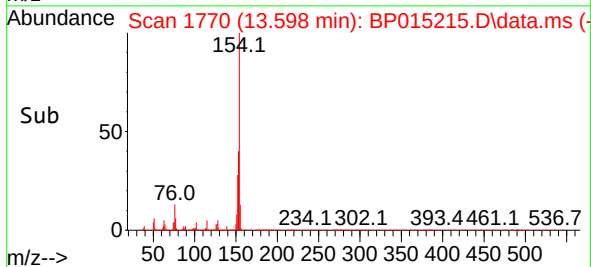
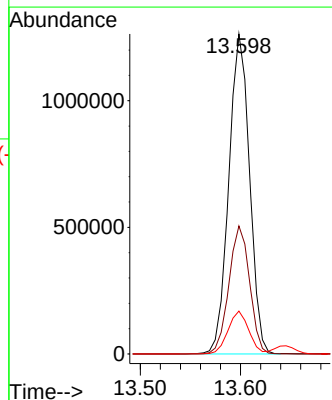
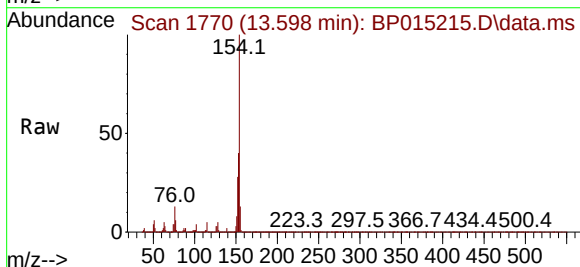
Tgt Ion:154 Resp: 1815166

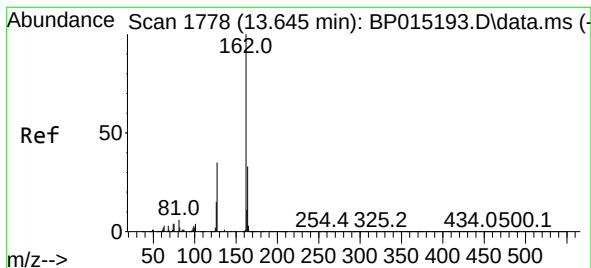
Ion Ratio Lower Upper

154 100

153 40.0 32.7 49.1

76 13.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 31.056 ng/ul

RT: 13.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

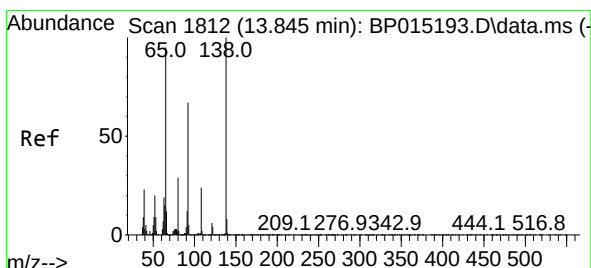
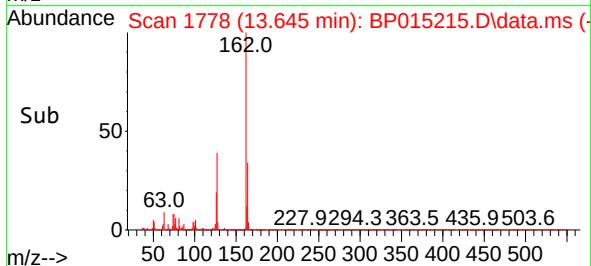
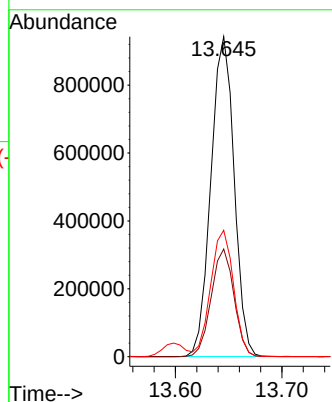
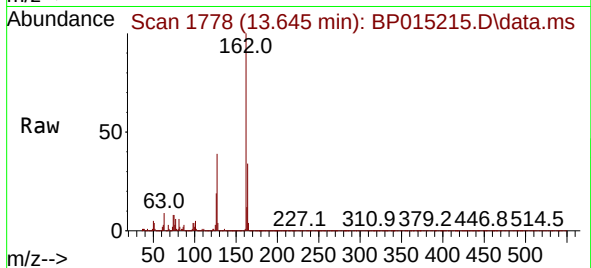
Tgt Ion:162 Resp: 1423904

Ion Ratio Lower Upper

162 100

164 33.7 25.9 38.9

127 39.5 30.8 46.2



#45

2-Nitroaniline

Concen: 33.838 ng/ul

RT: 13.851 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

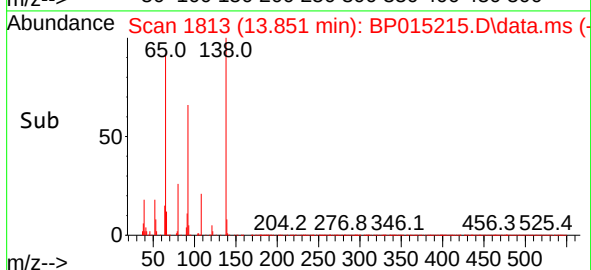
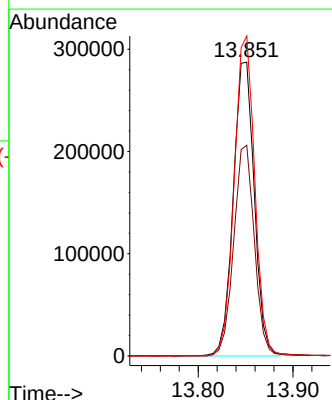
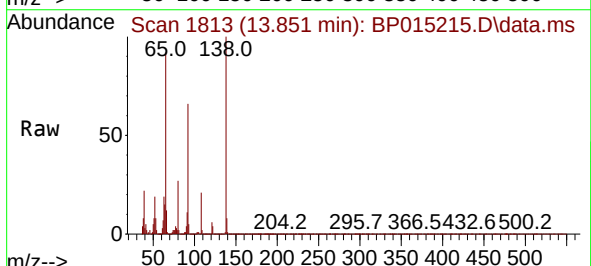
Tgt Ion: 65 Resp: 443908

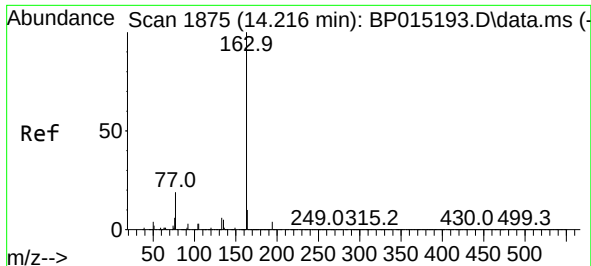
Ion Ratio Lower Upper

65 100

92 71.7 59.8 89.8

138 108.9 92.3 138.5

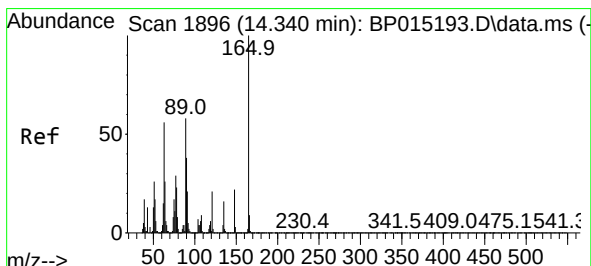
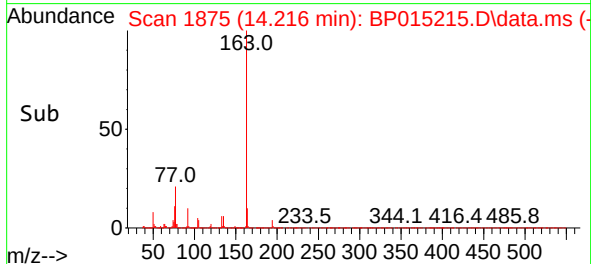
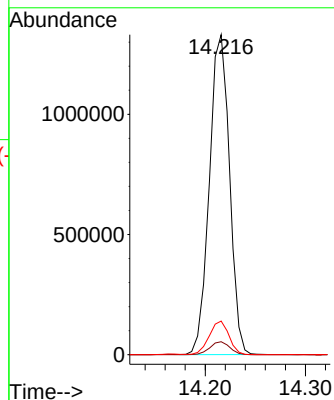
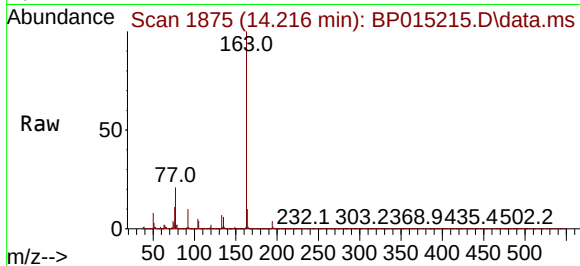




#47
Dimethylphthalate
Concen: 31.246 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

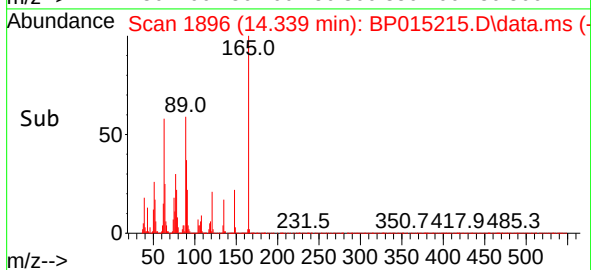
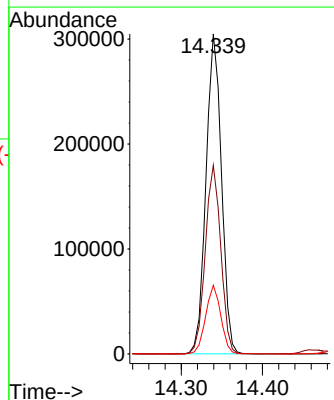
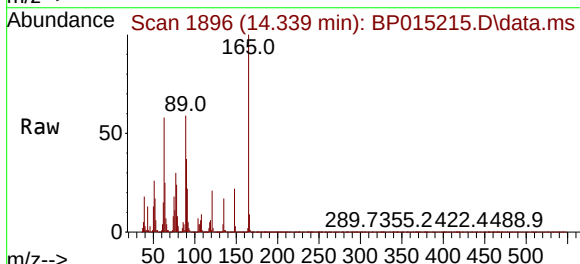
Instrument :
BNA_P
ClientSampleId :
SLCS787

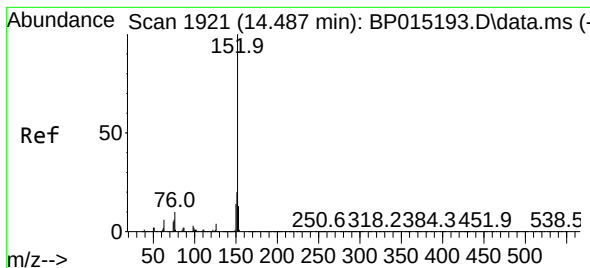
Tgt Ion:163 Resp: 1860692
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 34.056 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:165 Resp: 401790
Ion Ratio Lower Upper
165 100
89 58.9 48.0 72.0
121 21.4 17.5 26.3





#50

Acenaphthylene

Concen: 30.094 ng/ul

RT: 14.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

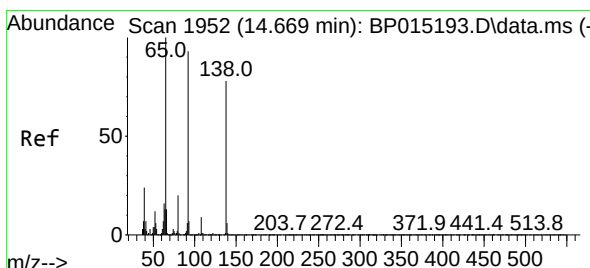
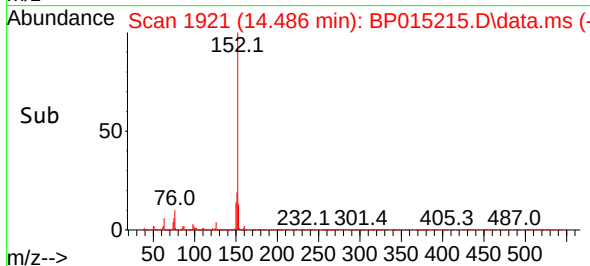
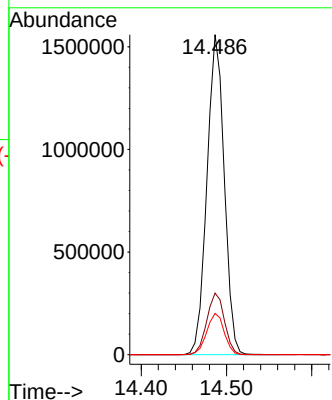
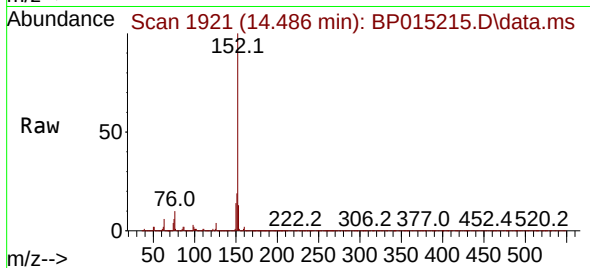
Tgt Ion:152 Resp: 2195955

Ion Ratio Lower Upper

152 100

151 19.3 16.1 24.1

153 12.9 10.3 15.5



#51

3-Nitroaniline

Concen: 37.004 ng/ul

RT: 14.669 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

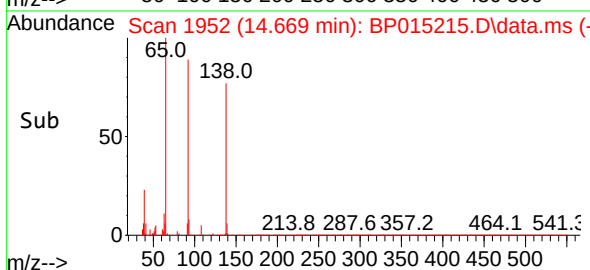
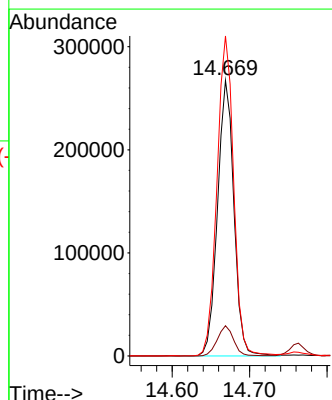
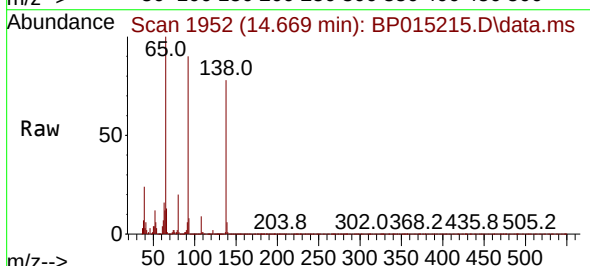
Tgt Ion:138 Resp: 393113

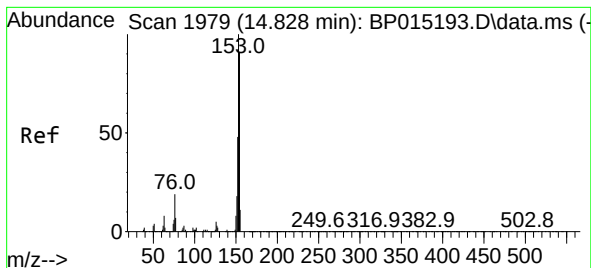
Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

92 116.1 93.4 140.0





#52

Acenaphthene

Concen: 30.085 ng/ul

RT: 14.828 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

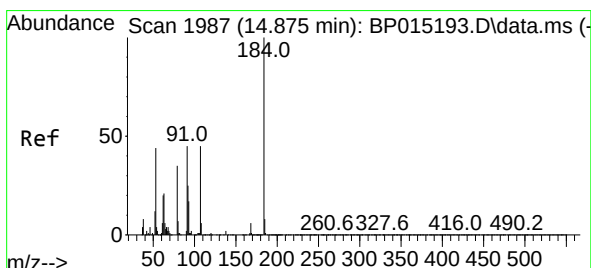
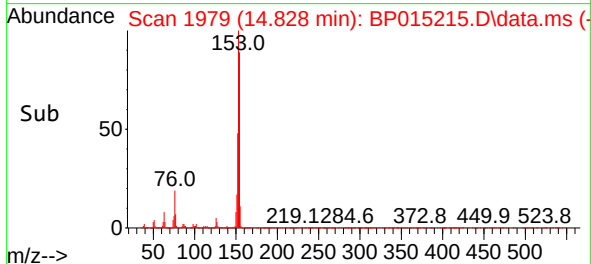
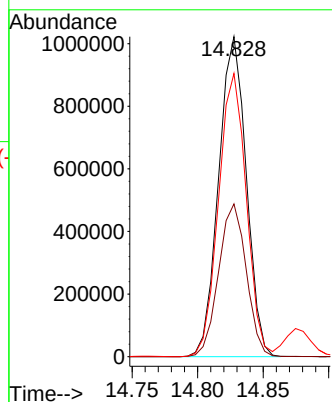
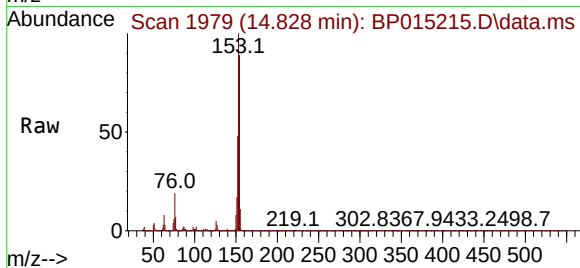
Tgt Ion:153 Resp: 1499384

Ion Ratio Lower Upper

153 100

152 47.7 38.0 57.0

154 88.5 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 26.209 ng/ul

RT: 14.875 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

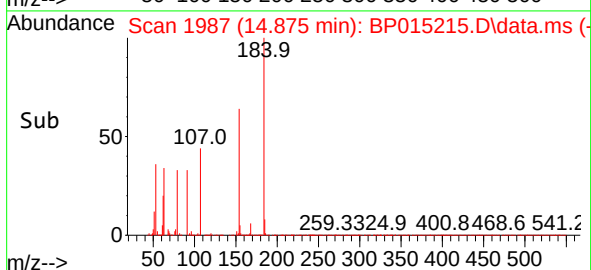
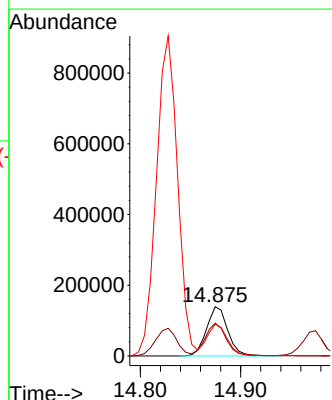
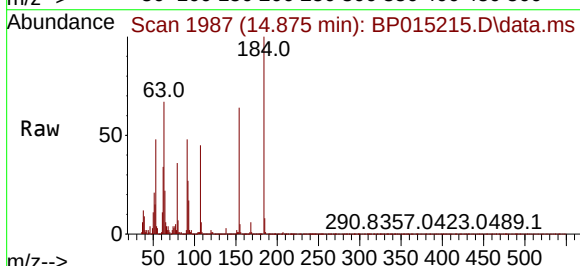
Tgt Ion:184 Resp: 205300

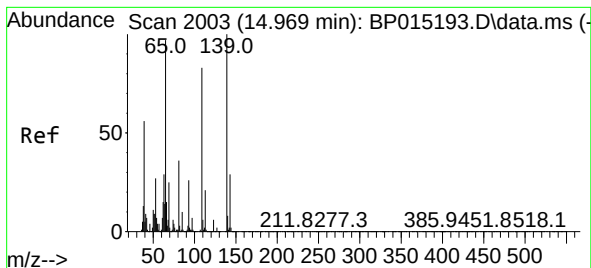
Ion Ratio Lower Upper

184 100

63 66.5 49.7 74.5

154 64.4 47.5 71.3

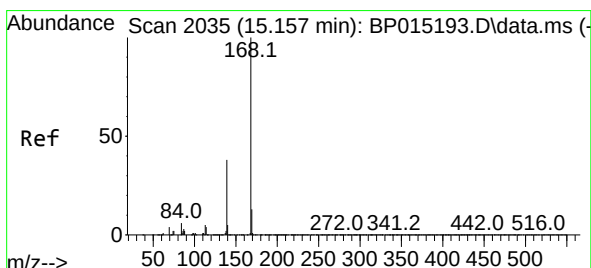
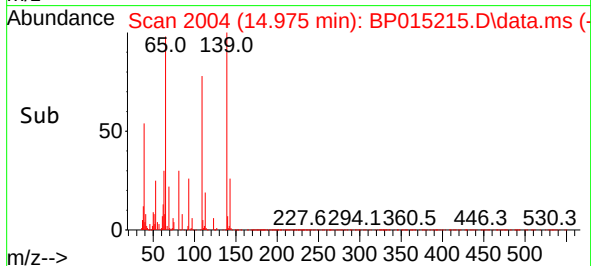
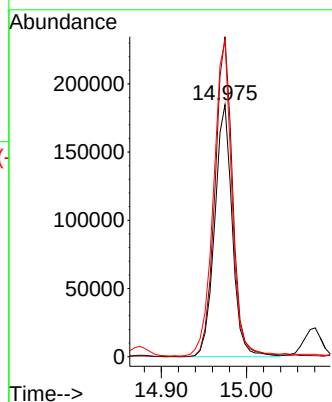
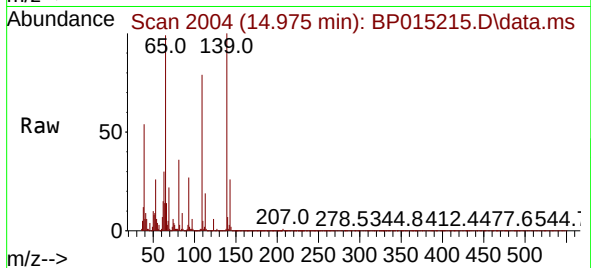




#55
4-Nitrophenol
Concen: 32.479 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

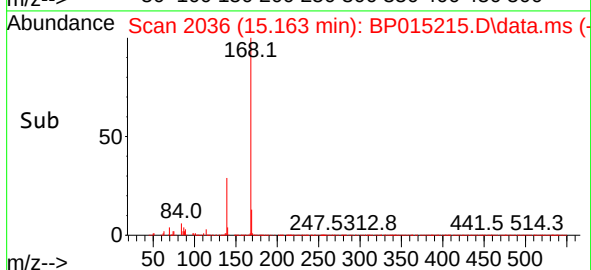
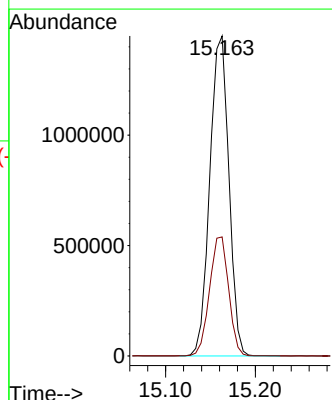
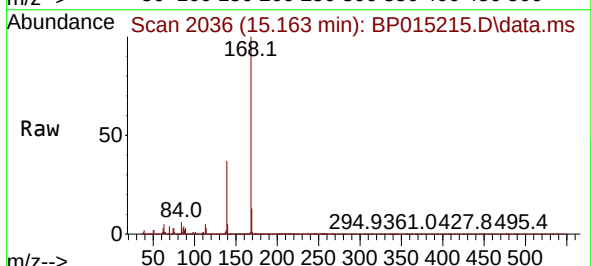
Instrument :
BNA_P
ClientSampleId :
SLCS787

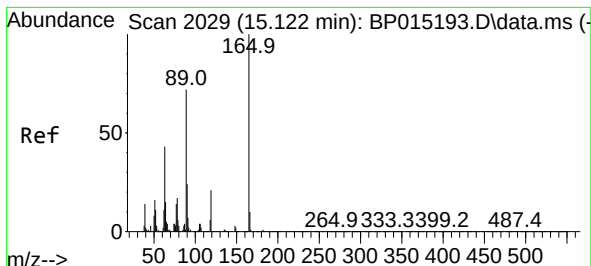
Tgt Ion:109 Resp: 265246
Ion Ratio Lower Upper
109 100
139 127.0 115.3 172.9
65 125.4 107.9 161.9



#56
Dibenzofuran
Concen: 30.800 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:168 Resp: 2135078
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 33.201 ng/ul

RT: 15.128 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

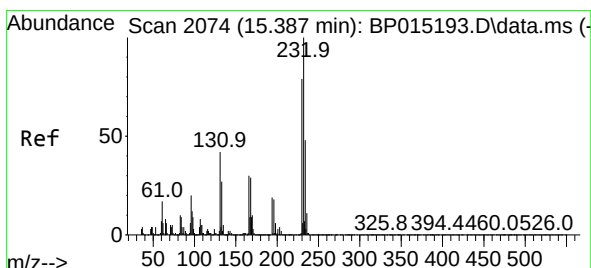
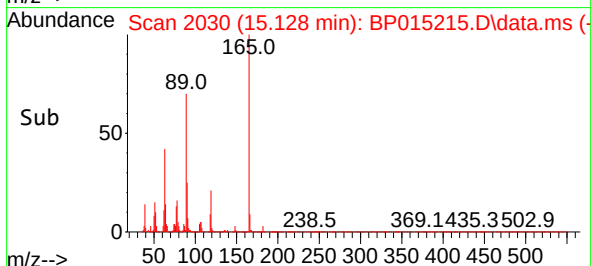
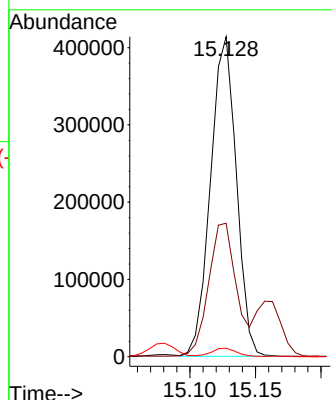
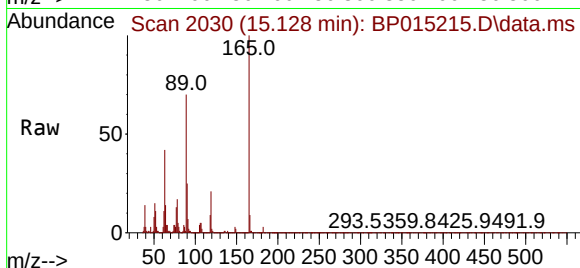
Tgt Ion:165 Resp: 566799

Ion Ratio Lower Upper

165 100

63 41.7 33.1 49.7

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.868 ng/ul

RT: 15.386 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Tgt Ion:232 Resp: 407527

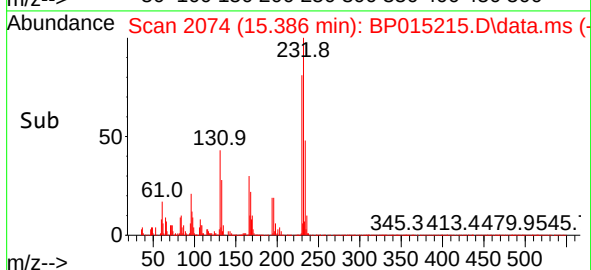
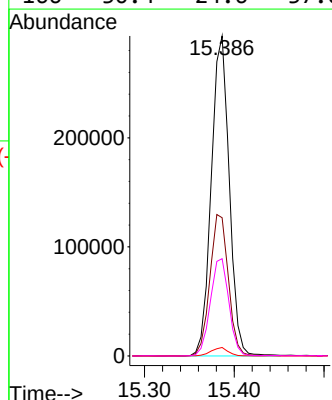
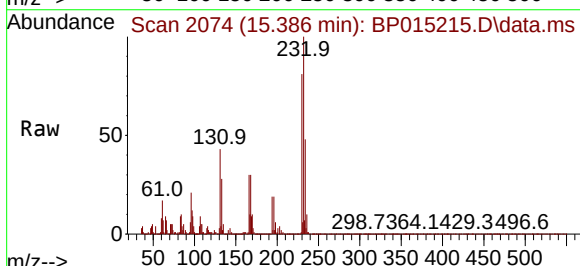
Ion Ratio Lower Upper

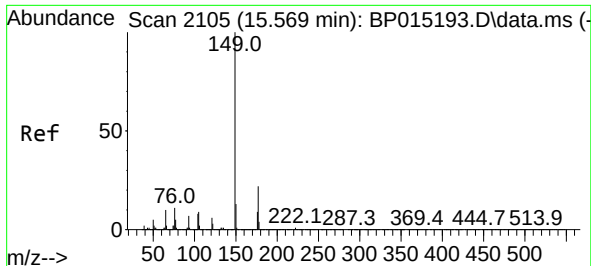
232 100

131 43.2 36.8 55.2

130 2.7 1.9 2.9

166 30.4 24.6 37.0

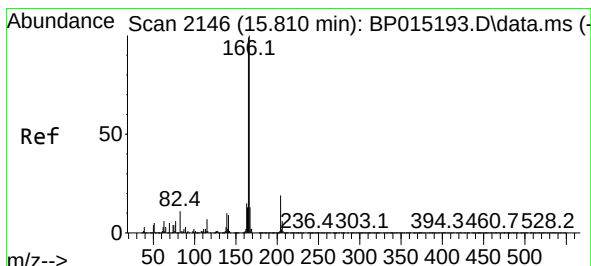
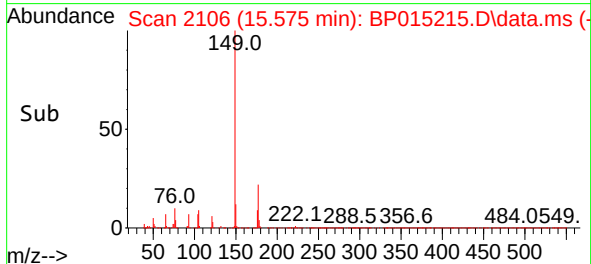
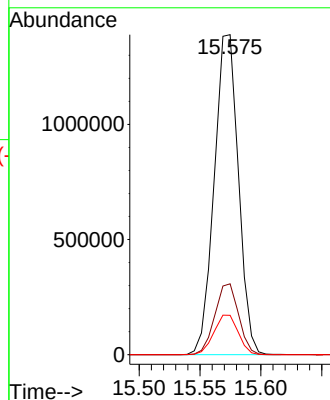
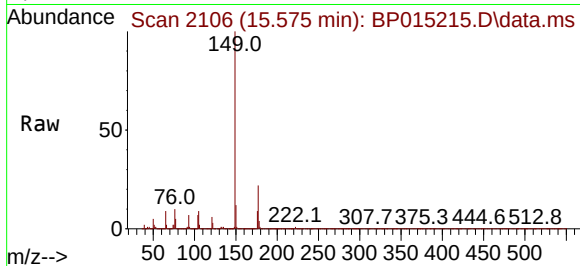




#59
Diethylphthalate
Concen: 32.360 ng/ul
RT: 15.575 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

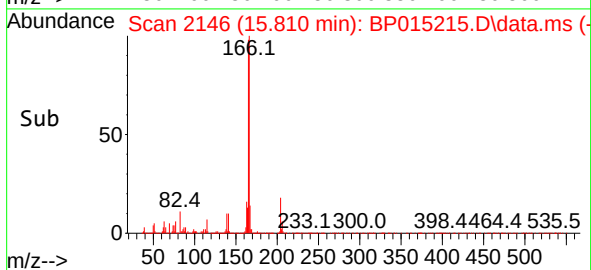
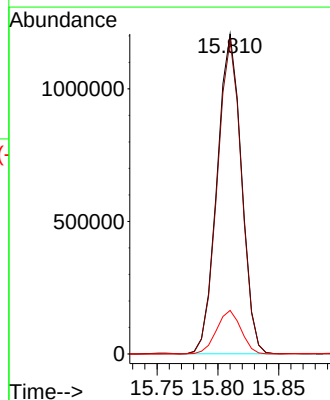
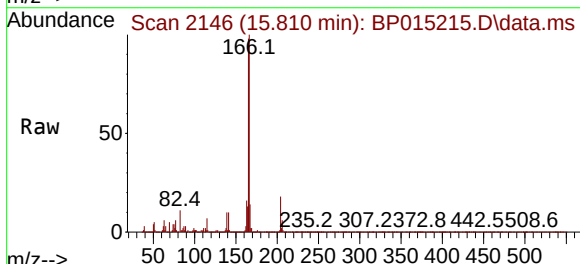
Instrument :
BNA_P
ClientSampleId :
SLCS787

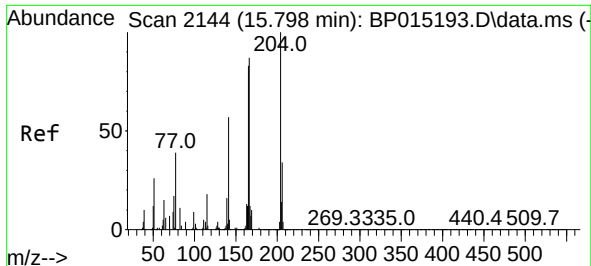
Tgt Ion:149 Resp: 1922009
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.3 9.8 14.8



#61
Fluorene
Concen: 30.240 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:166 Resp: 1684570
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.6
167 13.6 10.6 15.8

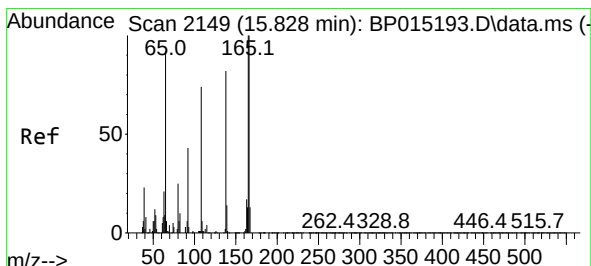
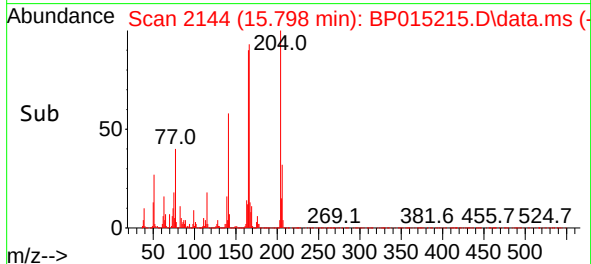
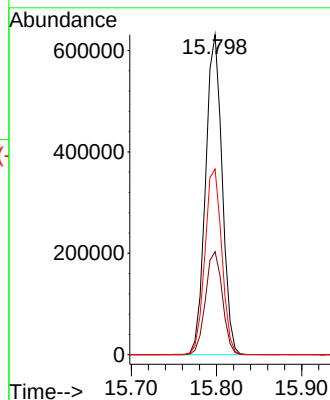
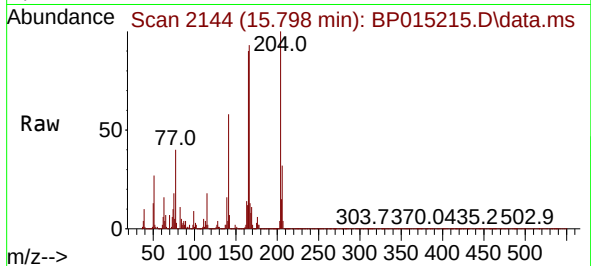




#62
4-Chlorophenyl-phenylether
Concen: 31.292 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

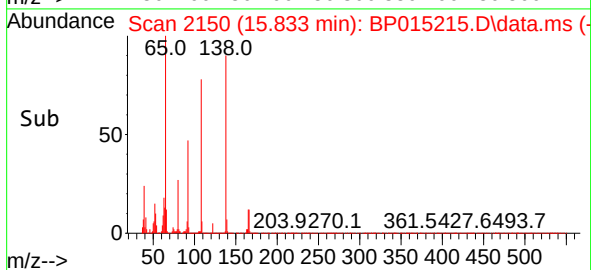
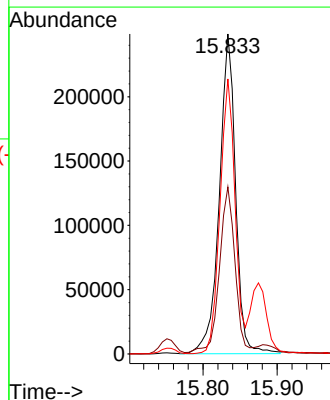
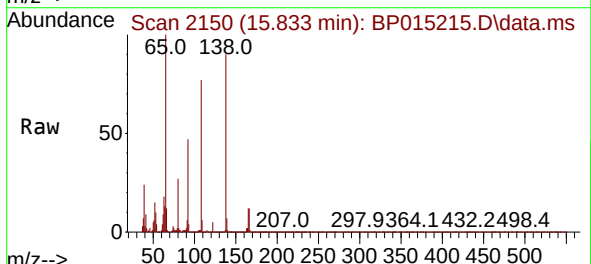
Instrument :
BNA_P
ClientSampleId :
SLCS787

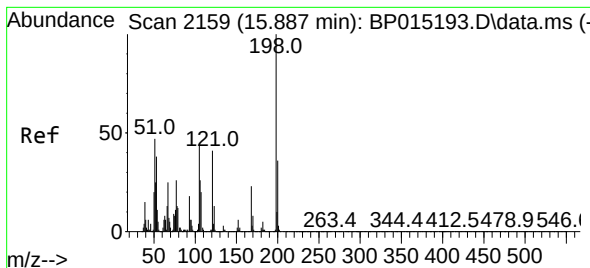
Tgt Ion:204 Resp: 851734
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 58.1 44.5 66.7



#63
4-Nitroaniline
Concen: 41.391 ng/ul
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:138 Resp: 379719
Ion Ratio Lower Upper
138 100
92 52.2 41.2 61.8
108 86.0 60.1 90.1

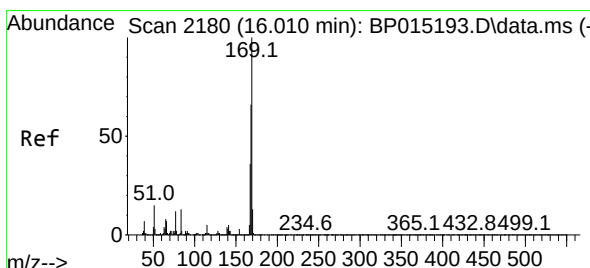
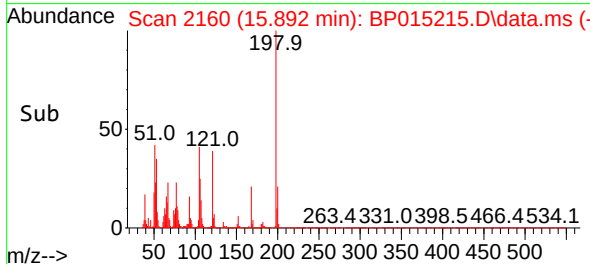
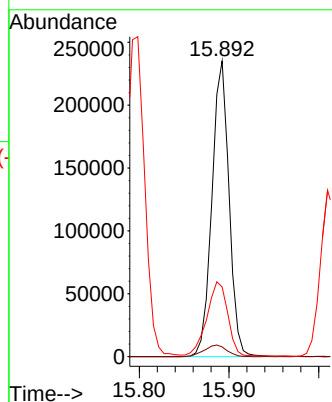
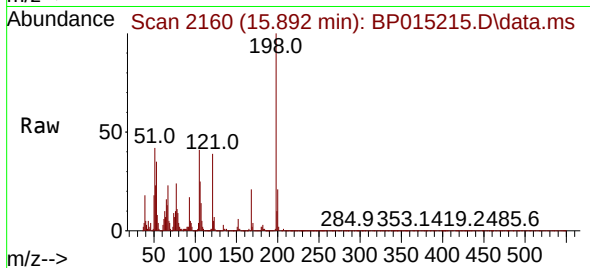




#66
4,6-Dinitro-2-methylphenol
Concen: 29.603 ng/ul
RT: 15.892 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

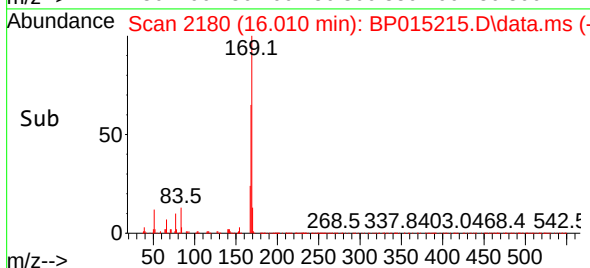
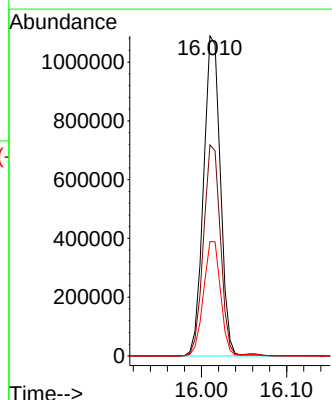
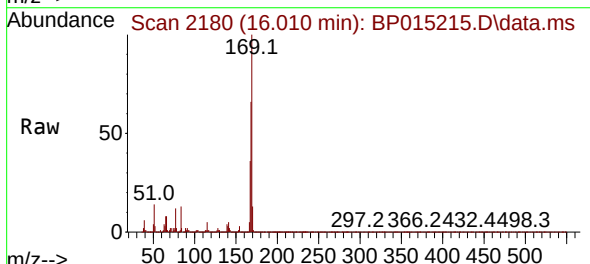
Instrument :
BNA_P
ClientSampleId :
SLCS787

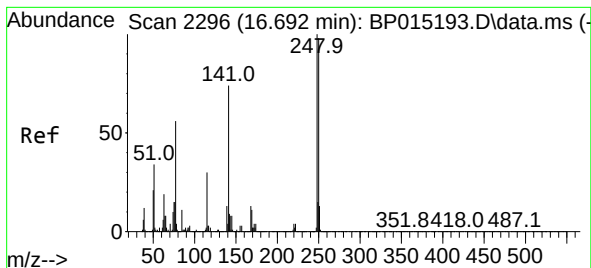
Tgt Ion:198 Resp: 311804
Ion Ratio Lower Upper
198 100
182 3.3 3.7 5.5#
77 23.6 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 31.308 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:169 Resp: 1490809
Ion Ratio Lower Upper
169 100
168 66.0 53.5 80.3
167 35.7 28.9 43.3

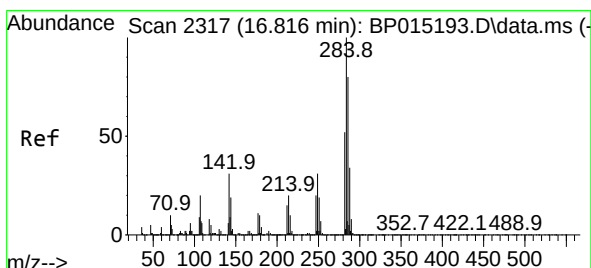
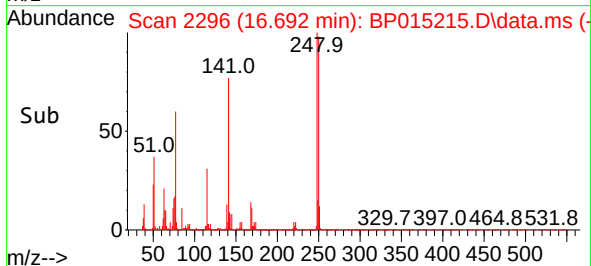
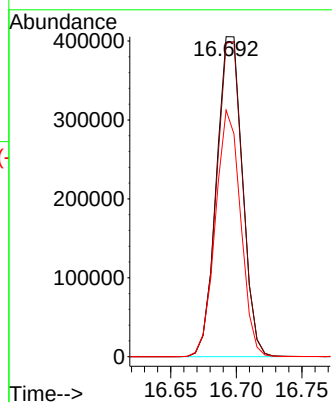
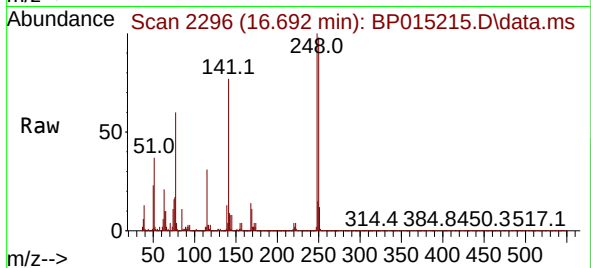




#68
4-Bromophenyl-phenylether
Concen: 33.554 ng/ul
RT: 16.692 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

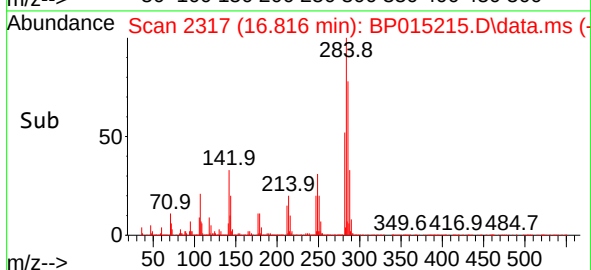
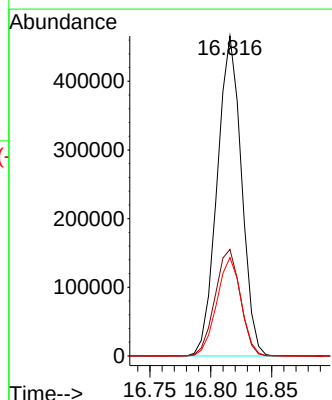
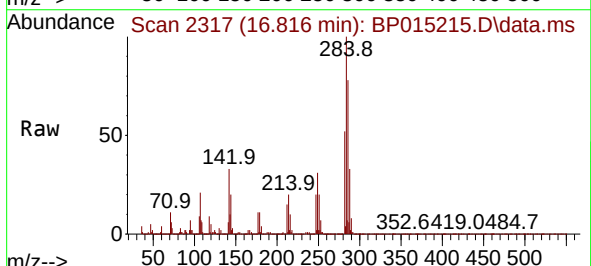
Instrument :
BNA_P
ClientSampleId :
SLCS787

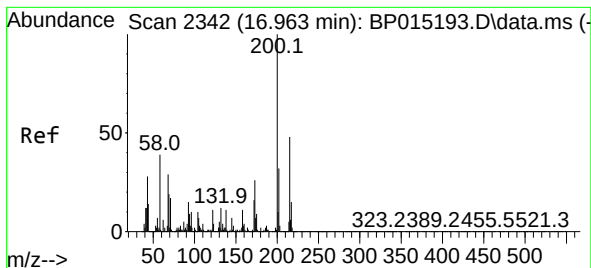
Tgt Ion:248 Resp: 559690
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.4
141 77.1 58.6 87.8



#69
Hexachlorobenzene
Concen: 32.835 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:284 Resp: 647251
Ion Ratio Lower Upper
284 100
142 33.3 27.3 40.9
249 30.8 24.6 36.8





#70

Atrazine

Concen: 10.046 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

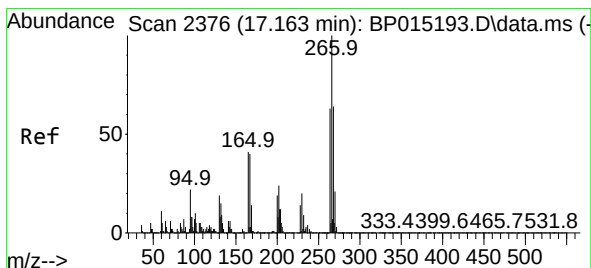
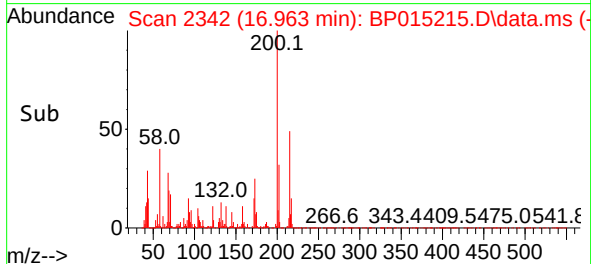
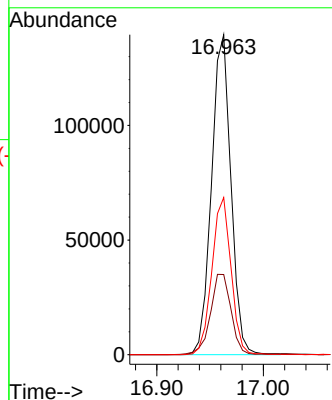
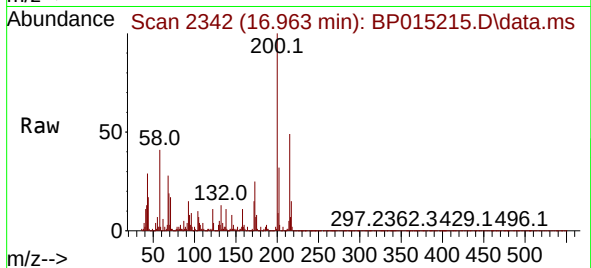
Tgt Ion:200 Resp: 176823

Ion Ratio Lower Upper

200 100

173 25.1 21.4 32.2

215 49.1 38.1 57.1



#71

Pentachlorophenol

Concen: 24.539 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

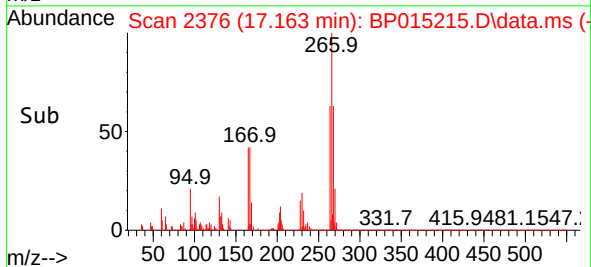
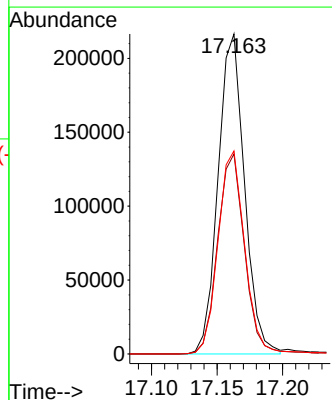
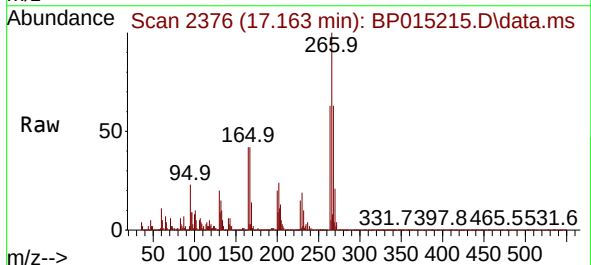
Tgt Ion:266 Resp: 302571

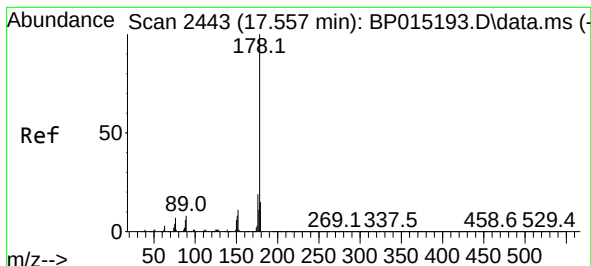
Ion Ratio Lower Upper

266 100

264 62.5 51.0 76.4

268 63.4 51.8 77.6





#72

Phenanthrene

Concen: 31.124 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

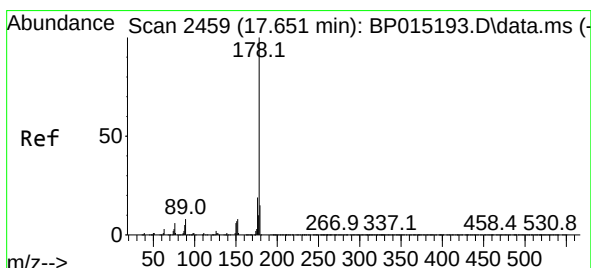
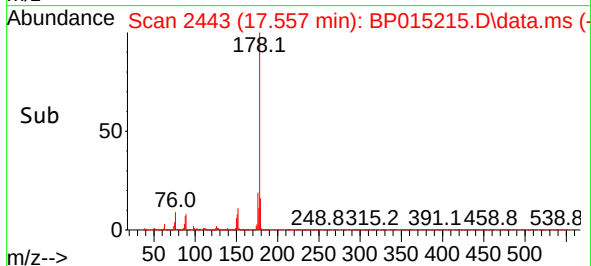
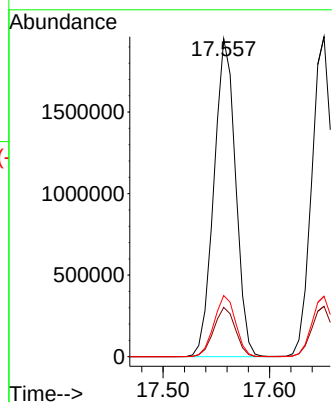
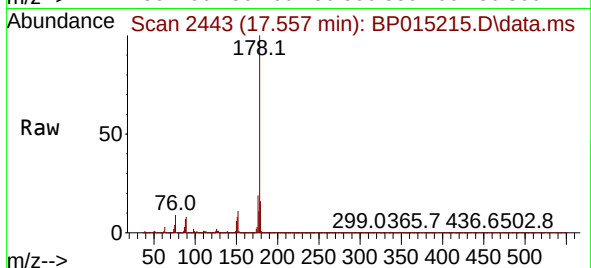
Tgt Ion:178 Resp: 2744631

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.2 15.6 23.4



#74

Anthracene

Concen: 30.015 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

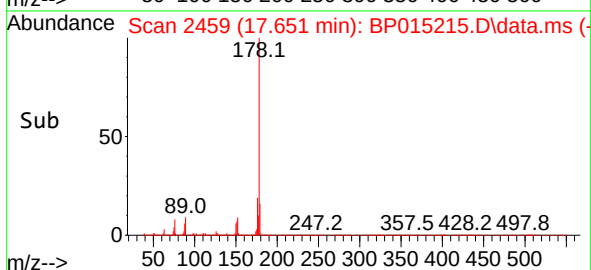
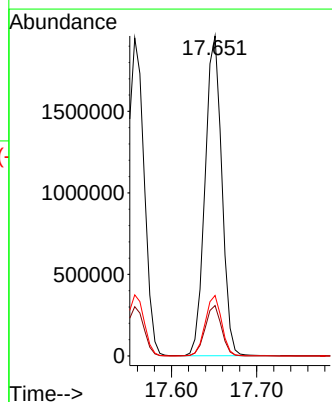
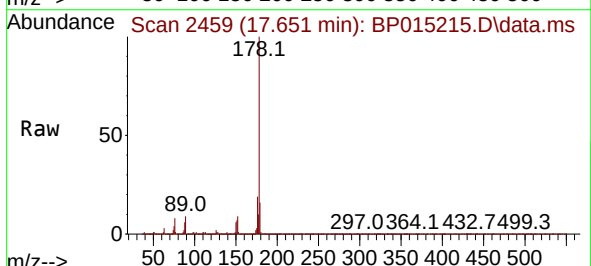
Tgt Ion:178 Resp: 2676517

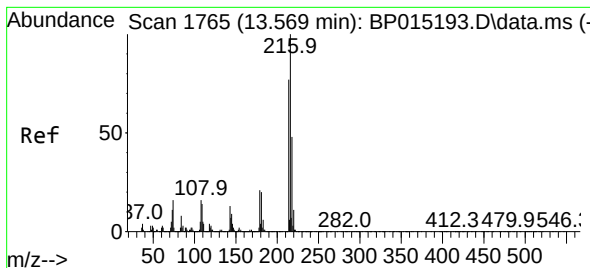
Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

176 18.9 15.2 22.8

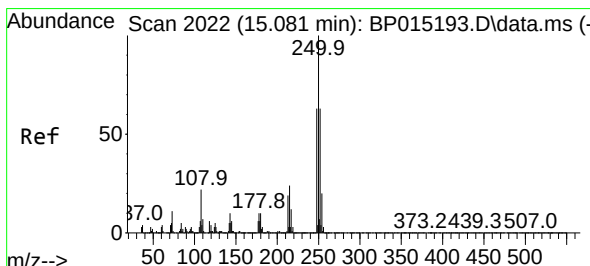
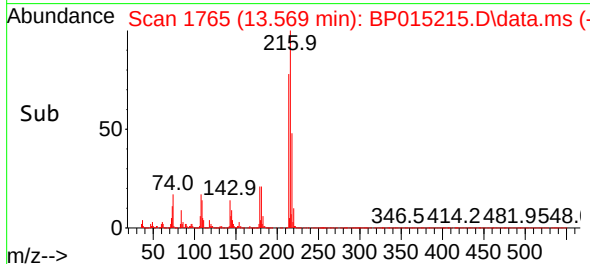
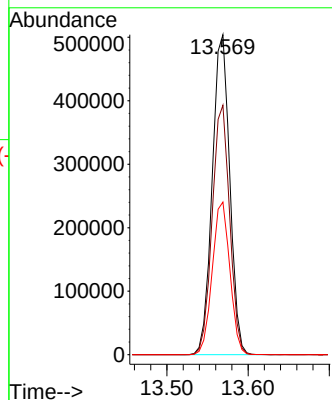
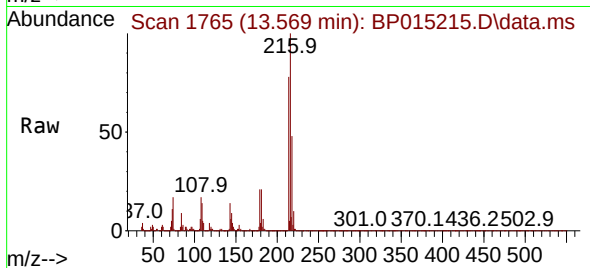




#75
1,2,3,4-Tetrachlorobenzene
Concen: 32.851 ng/uL
RT: 13.569 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

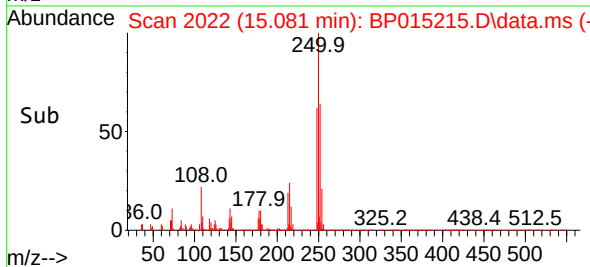
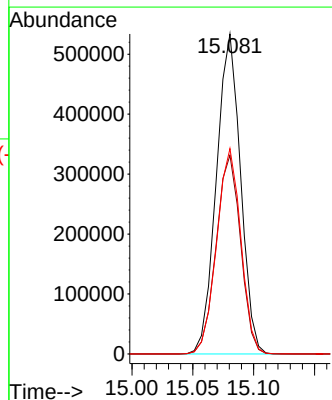
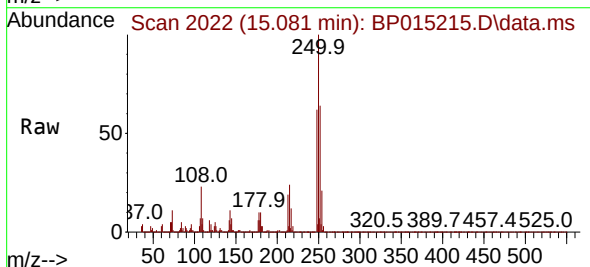
Instrument :
BNA_P
ClientSampleId :
SLCS787

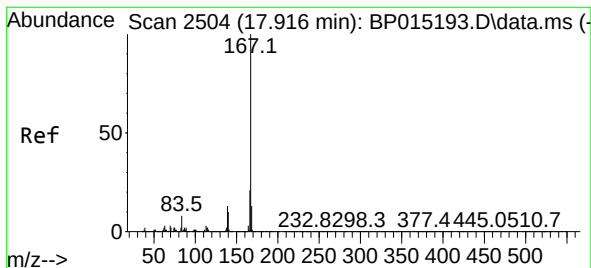
Tgt Ion:216 Resp: 754303
Ion Ratio Lower Upper
216 100
214 77.9 62.2 93.4
218 47.7 38.2 57.2



#76
Pentachlorobenzene
Concen: 31.991 ng/uL
RT: 15.081 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:250 Resp: 737539
Ion Ratio Lower Upper
250 100
248 62.1 49.8 74.6
252 64.2 51.6 77.4





#77

Carbazole

Concen: 30.527 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. -0.000 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

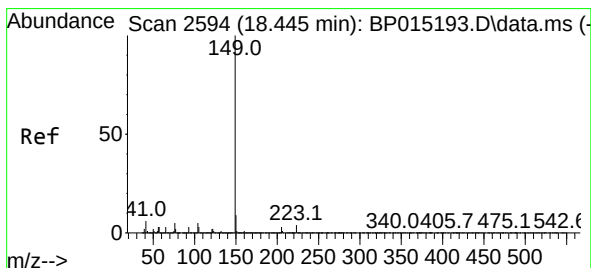
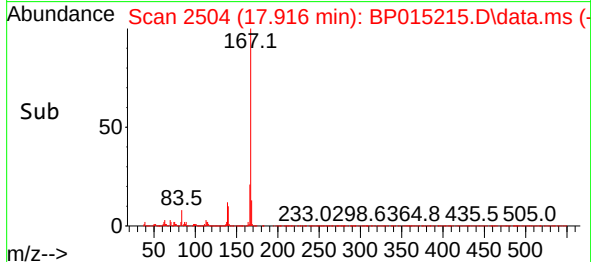
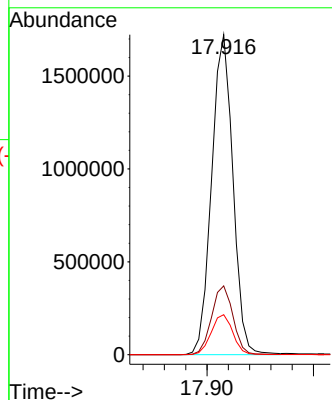
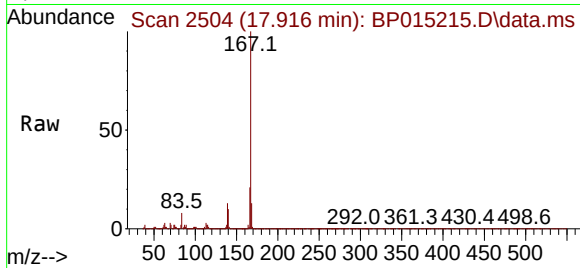
Tgt Ion:167 Resp: 2387010

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 12.5 10.2 15.4



#78

Di-n-butylphthalate

Concen: 32.632 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

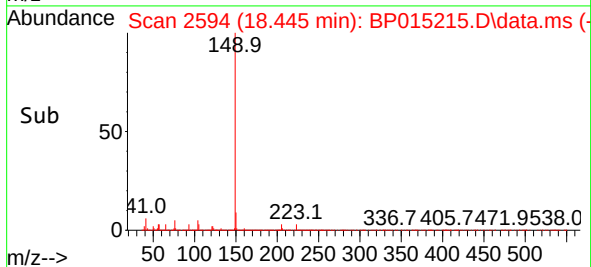
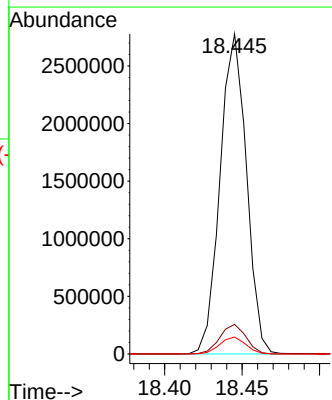
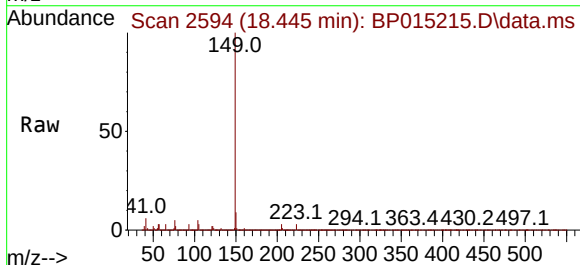
Tgt Ion:149 Resp: 3285983

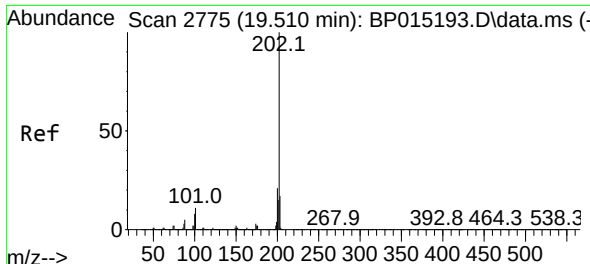
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.3 3.9 5.9

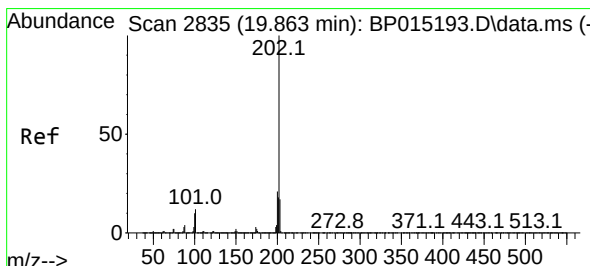
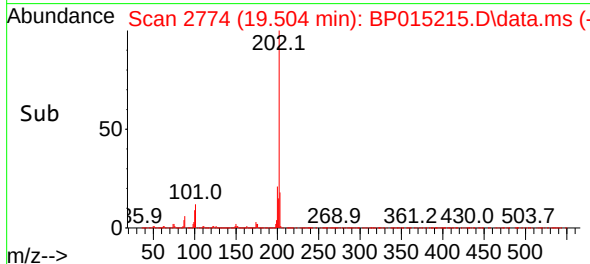
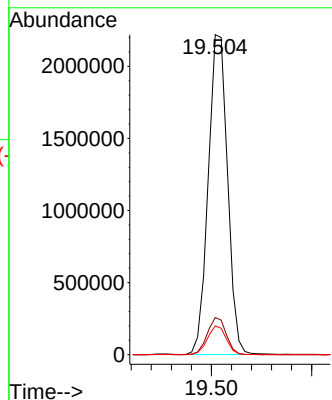
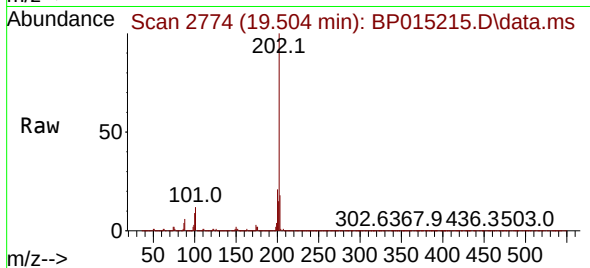




#80
Fluoranthene
Concen: 39.009 ng/u1
RT: 19.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

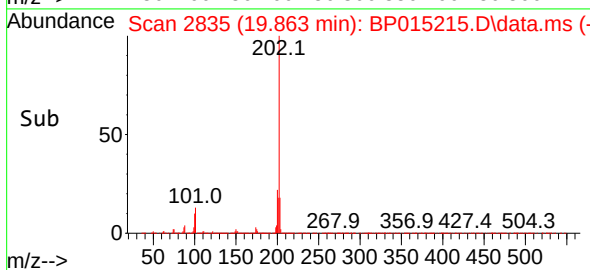
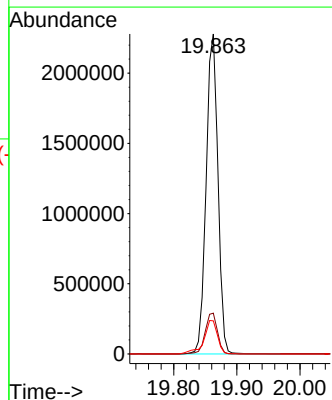
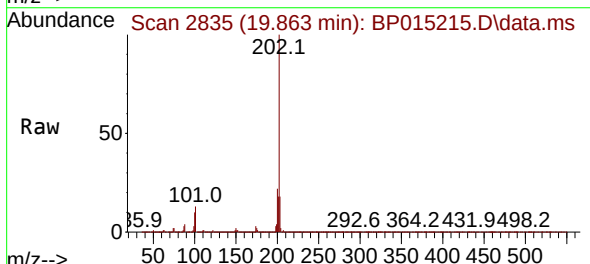
Instrument :
BNA_P
ClientSampleId :
SLCS787

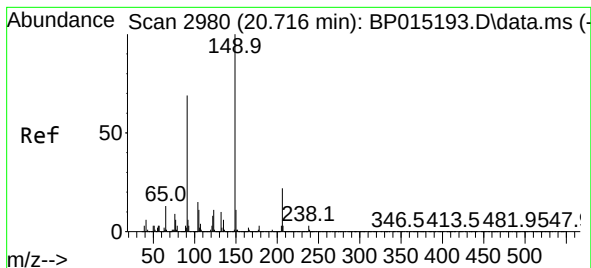
Tgt Ion:202 Resp: 2975874
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 9.0 7.3 10.9



#82
Pyrene
Concen: 37.578 ng/u1
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015215.D
Acq: 22 May 2023 15:02

Tgt Ion:202 Resp: 2960380
Ion Ratio Lower Upper
202 100
101 12.7 11.2 16.8
100 10.3 9.0 13.6





#83

Butylbenzylphthalate

Concen: 38.239 ng/ul

RT: 20.716 min Scan# 2980

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

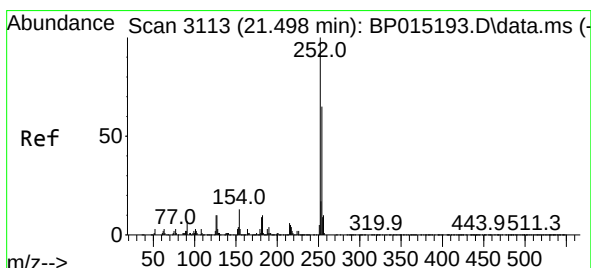
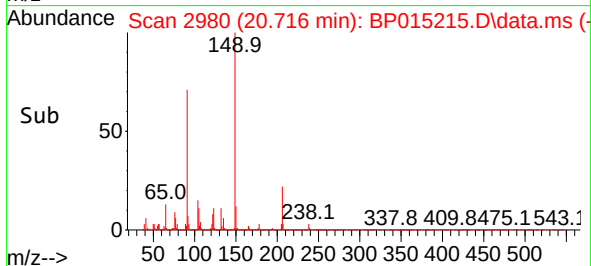
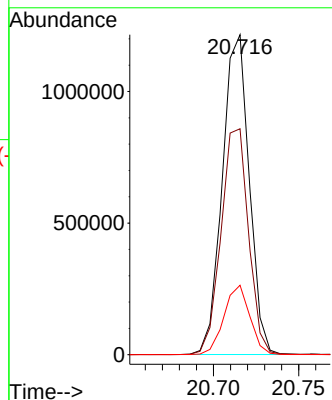
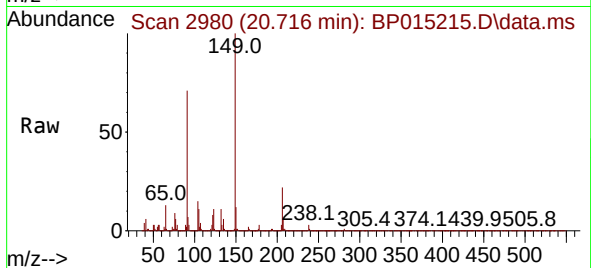
Tgt Ion:149 Resp: 1335469

Ion Ratio Lower Upper

149 100

91 70.6 57.4 86.2

206 21.7 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 34.211 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

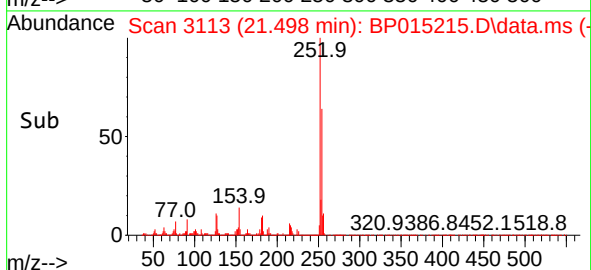
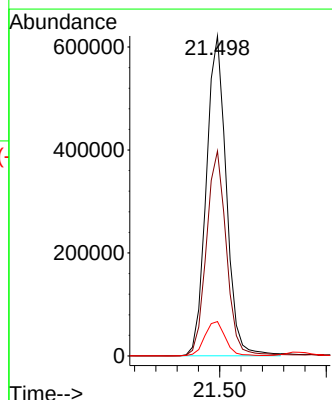
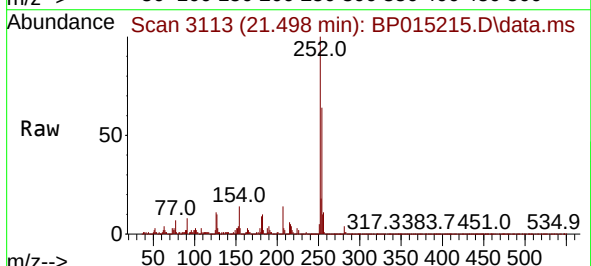
Tgt Ion:252 Resp: 810838

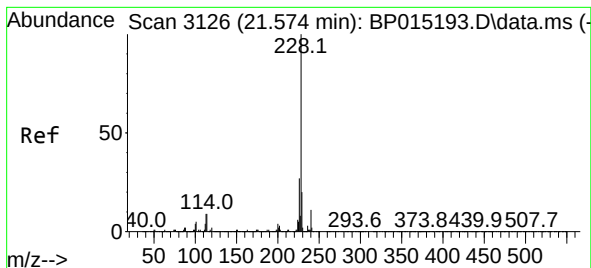
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 10.8 9.8 14.8





#85

Benzo(a)anthracene

Concen: 33.468 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

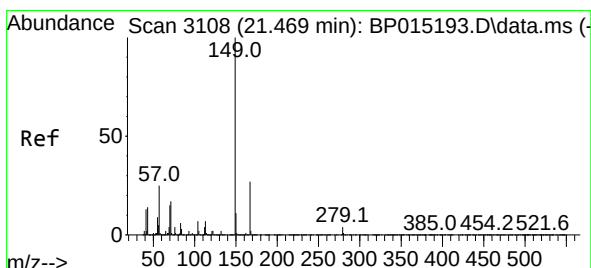
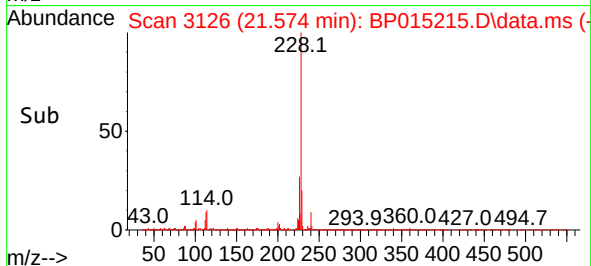
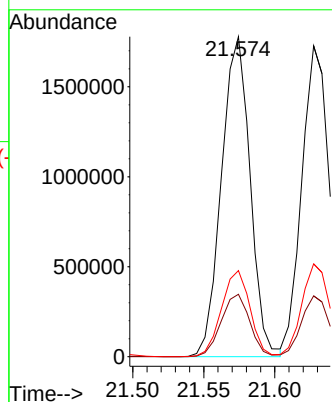
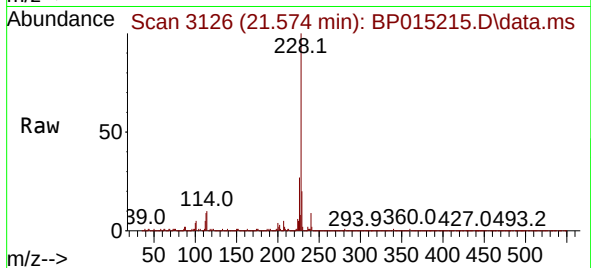
Tgt Ion:228 Resp: 2497309

Ion Ratio Lower Upper

228 100

229 19.5 16.1 24.1

226 26.9 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.632 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

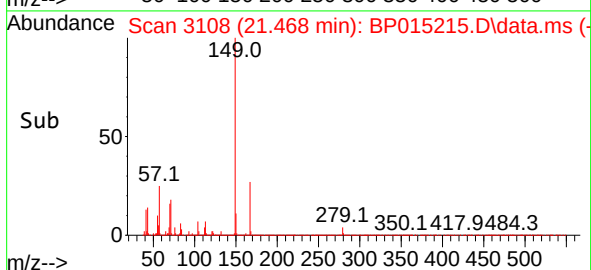
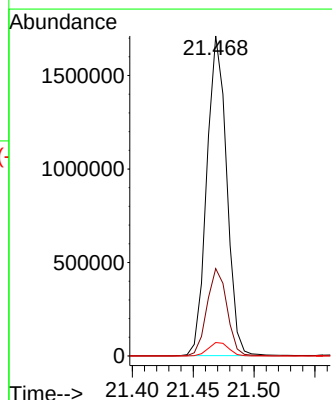
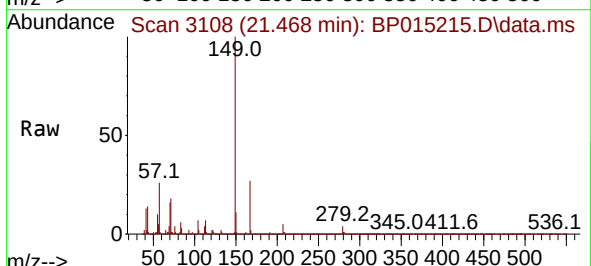
Tgt Ion:149 Resp: 1942415

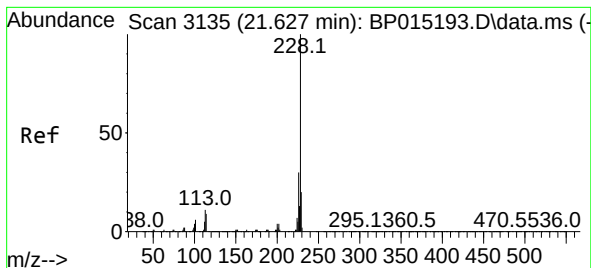
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 4.2 3.2 4.8





#87

Chrysene

Concen: 32.805 ng/ul

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

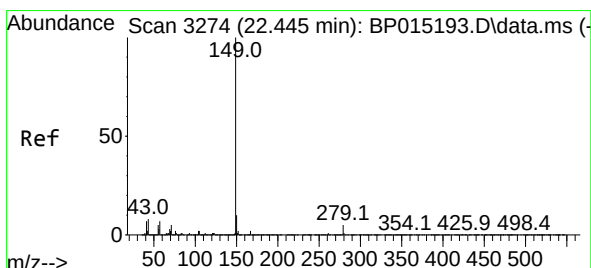
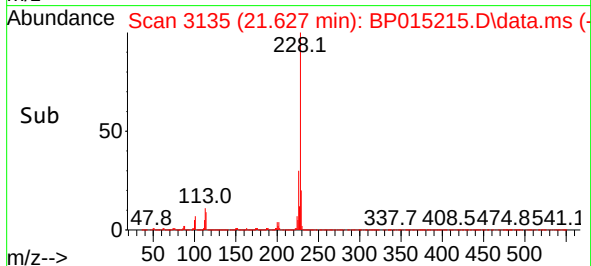
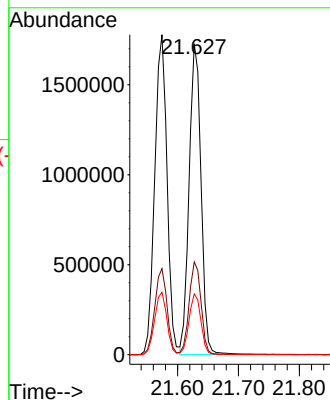
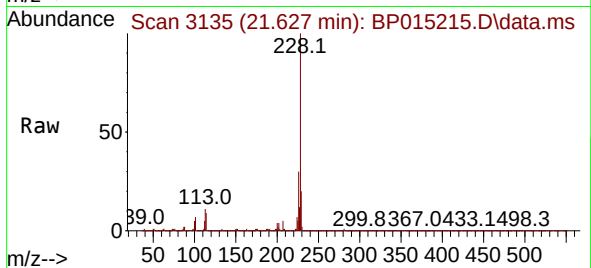
Tgt Ion:228 Resp: 2339989

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 38.042 ng/ul

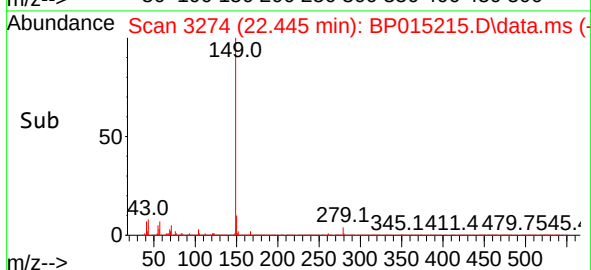
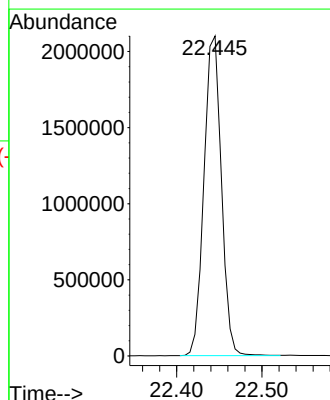
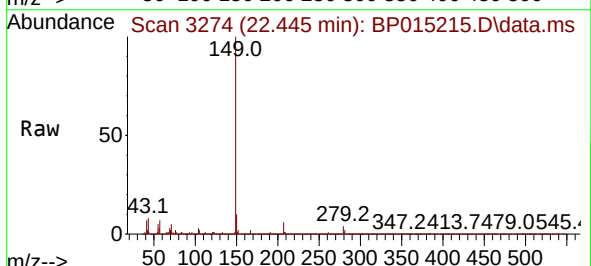
RT: 22.445 min Scan# 3274

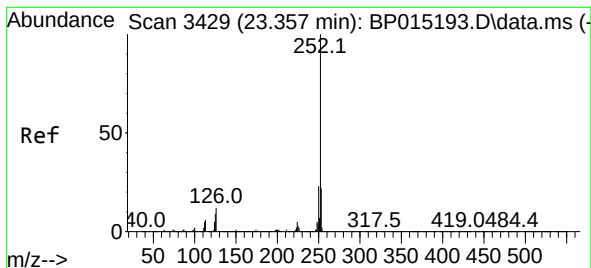
Delta R.T. -0.006 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Tgt Ion:149 Resp: 2985773





#90

Benzo(b)fluoranthene

Concen: 33.905 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

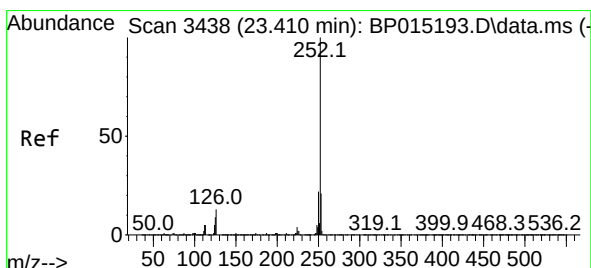
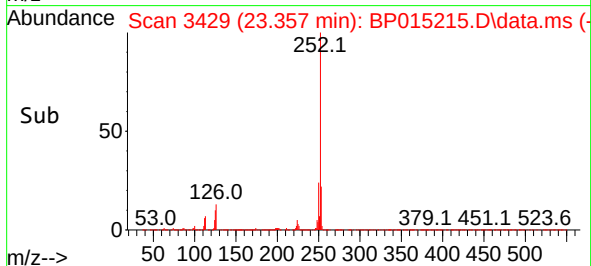
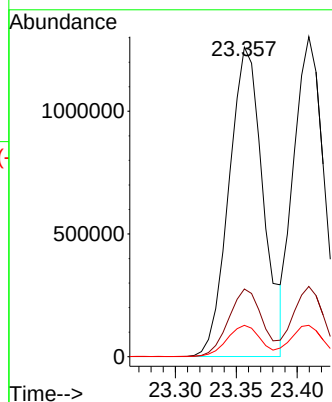
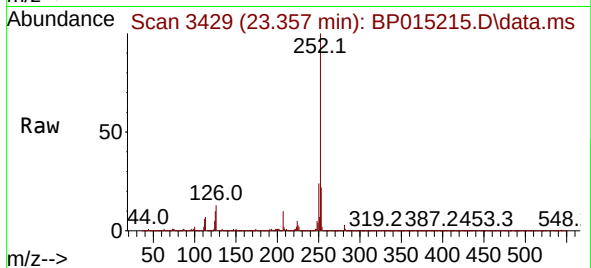
Tgt Ion:252 Resp: 2463265

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.2 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 32.359 ng/ul

RT: 23.410 min Scan# 3438

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

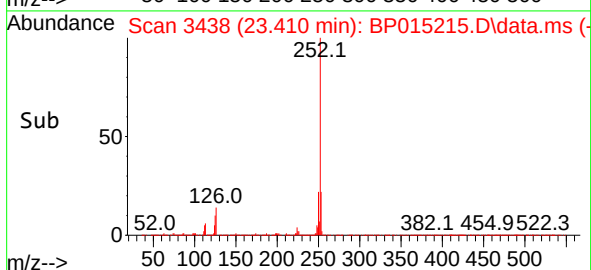
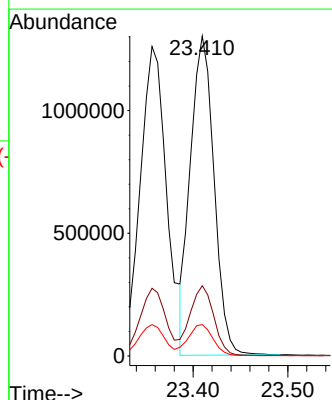
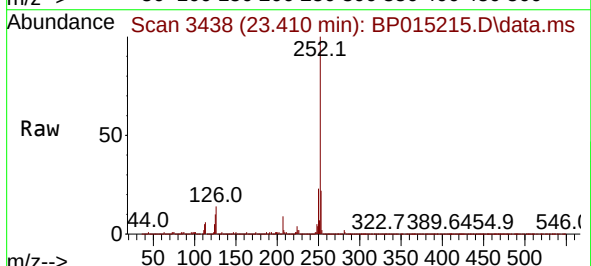
Tgt Ion:252 Resp: 2257421

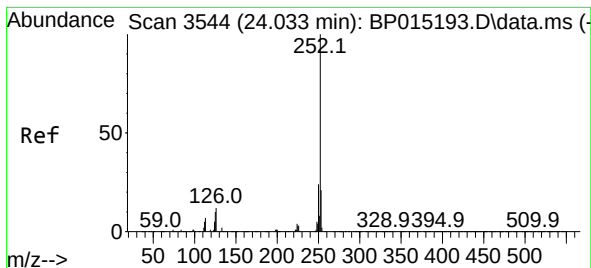
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.5 12.7





#93

Benzo(a)pyrene

Concen: 32.688 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

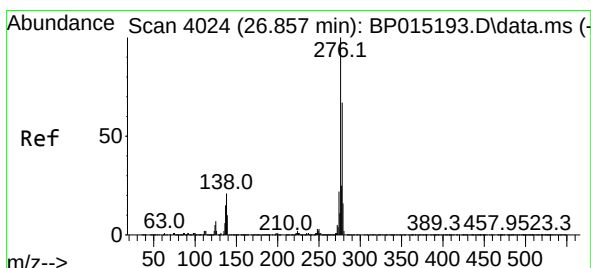
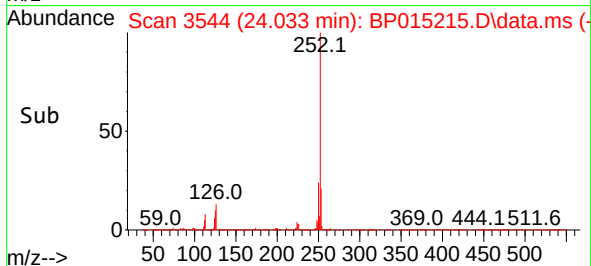
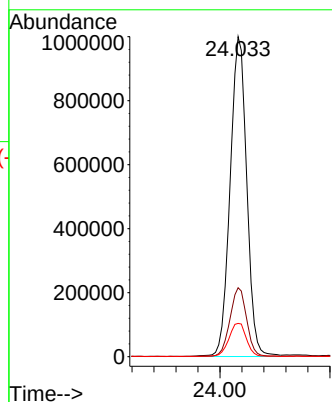
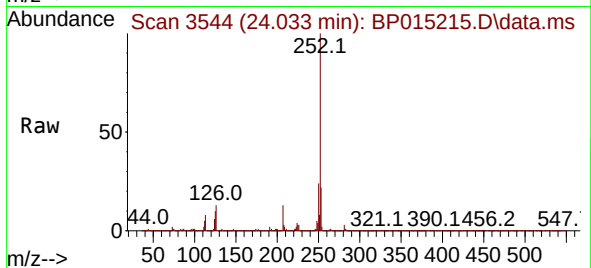
Tgt Ion:252 Resp: 2099110

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 10.4 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.889 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

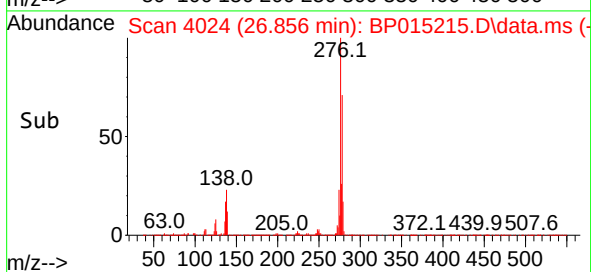
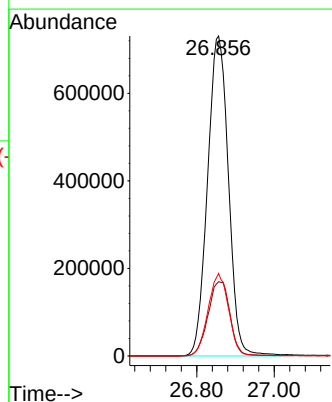
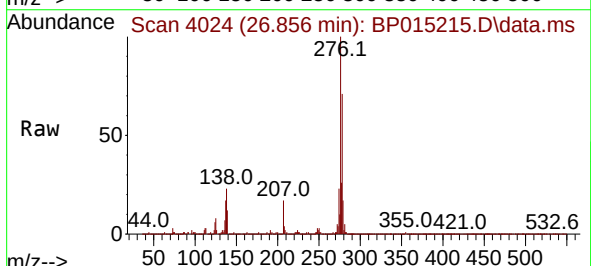
Tgt Ion:276 Resp: 2734602

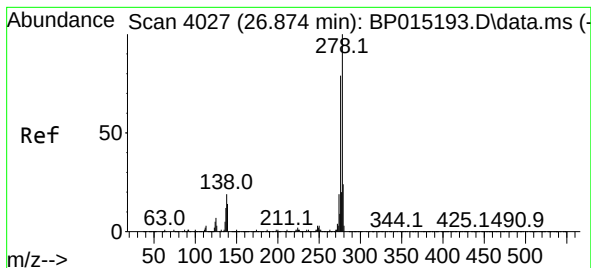
Ion Ratio Lower Upper

276 100

138 23.2 20.1 30.1

277 25.8 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 32.991 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Instrument :

BNA_P

ClientSampleId :

SLCS787

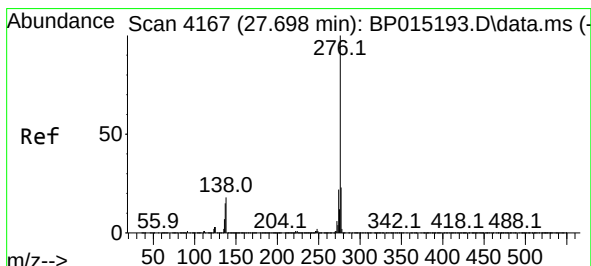
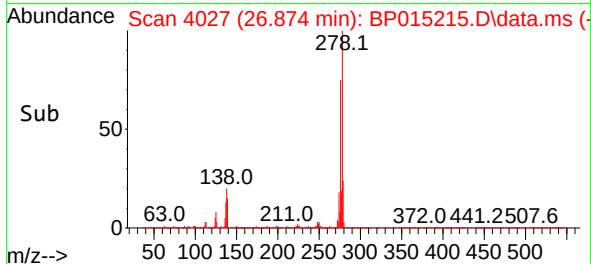
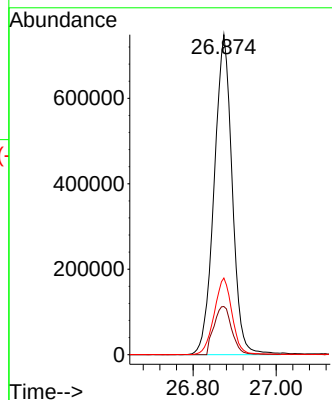
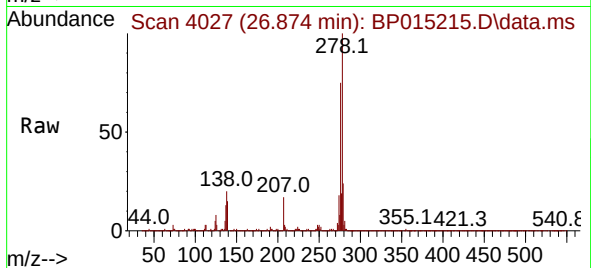
Tgt Ion:278 Resp: 2251765

Ion Ratio Lower Upper

278 100

139 15.1 13.3 19.9

279 23.9 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 33.184 ng/ul

RT: 27.692 min Scan# 4166

Delta R.T. -0.012 min

Lab File: BP015215.D

Acq: 22 May 2023 15:02

Tgt Ion:276 Resp: 2249975

Ion Ratio Lower Upper

276 100

138 21.0 17.7 26.5

277 23.4 18.8 28.2

