

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
 Data File : BP015224.D
 Acq On : 22 May 2023 20:05
 Operator : CG/JU
 Sample : PB152889BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS889

Quant Time: May 23 00:46:04 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	223235	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	980338	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	613539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1326730	20.000	ng/u1	-0.01
79) Chrysene-d12	21.586	240	897171	20.000	ng/u1	-0.01
88) Perylene-d12	24.139	264	909379	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	36695	6.387	ng/uL	0.00
4) Pyridine-d5	3.863	84	493852	30.324	ng/u1	0.00
7) Phenol-d5	7.275	99	676153	32.622	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	408304	34.108	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	545237	35.778	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	562598	34.064	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	273118	35.454	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	312850	36.499	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	560888	36.263	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	724750	31.670	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1718616	37.069	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1912923	36.076	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	300043	33.328	ng/u1	0.00
60) Fluorene-d10	15.751	176	1414910	36.167	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	276273	33.042	ng/u1	0.00
73) Anthracene-d10	17.610	188	2107608	34.692	ng/u1	0.00
81) Pyrene-d10	19.827	212	2222804	42.718	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.974	264	1719638	38.094	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	74697	12.099	ng/uL	93
5) Pyridine	3.887	79	461188	27.228	ng/u1	95
6) Benzaldehyde	7.251	77	331764	58.235	ng/u1	99
8) Phenol	7.298	94	699778	32.925	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.540	93	560223	32.946	ng/u1	99
12) 2-Chlorophenol	7.681	128	543862	33.740	ng/u1	98
13) 2-Methylphenol	8.569	108	539327	32.833	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	710163	33.334	ng/u1	99
16) Acetophenone	8.957	105	844853	32.775	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.945	70	432856	32.019	ng/u1	97
18) 4-Methylphenol	8.898	108	588616	32.556	ng/u1	98
19) Hexachloroethane	9.216	117	217816	33.094	ng/u1	90
22) Nitrobenzene	9.340	77	658942	34.634	ng/u1	98
23) Isophorone	9.875	82	1274186	32.582	ng/u1	99
25) 2-Nitrophenol	10.057	139	328082	34.905	ng/u1	93
26) 2,4-Dimethylphenol	10.110	107	608560	32.445	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.351	93	785480	33.011	ng/u1	99
29) 2,4-Dichlorophenol	10.592	162	550290	35.222	ng/u1	98
30) Naphthalene	11.004	128	1747763	32.793	ng/u1	99
32) 4-Chloroaniline	11.110	127	582246	24.755	ng/u1	100
33) Hexachlorobutadiene	11.281	225	344540	36.590	ng/u1	98
34) Caprolactam	11.898	113	131734	22.365	ng/u1	95
35) 4-Chloro-3-methylphenol	12.228	107	620536	35.176	ng/u1	99
36) 2-Methylnaphthalene	12.598	142	1203798	33.522	ng/u1	99

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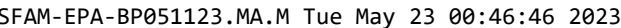
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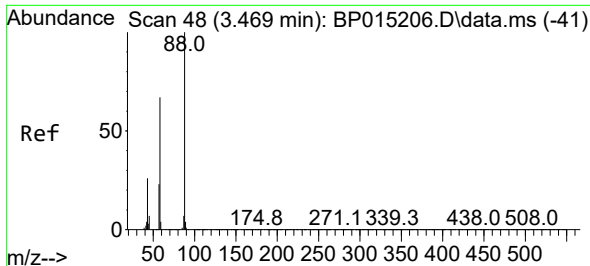
Quant Time: May 23 00:46:04 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1234600	34.235	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	670243	36.526	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	297204	24.998	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	446136	34.431	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	503619	35.847	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	1640328	34.459	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	1292948	34.780	ng/ul	99
45) 2-Nitroaniline	13.845	65	399362	37.545	ng/ul	92
47) Dimethylphthalate	14.210	163	1671549	34.619	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	360848	37.723	ng/ul	97
50) Acenaphthylene	14.486	152	1992807	33.683	ng/ul	99
51) 3-Nitroaniline	14.669	138	342201	39.728	ng/ul	99
52) Acenaphthene	14.822	153	1365688	33.797	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	185012	29.130	ng/ul	96
55) 4-Nitrophenol	14.969	109	238587	36.032	ng/ul	90
56) Dibenzofuran	15.157	168	1926053	34.268	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	507929	36.695	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.380	232	398240	33.588	ng/ul	99
59) Diethylphthalate	15.569	149	1697273	35.244	ng/ul	100
61) Fluorene	15.810	166	1526467	33.796	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	775408	35.135	ng/ul	96
63) 4-Nitroaniline	15.833	138	338298	45.481	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.886	198	268878	31.159	ng/ul	100
67) N-Nitrosodiphenylamine	16.010	169	1338102	34.300	ng/ul	100
68) 4-Bromophenyl-phenylether	16.692	248	504975	36.953	ng/ul	98
69) Hexachlorobenzene	16.816	284	583413	36.127	ng/ul	98
70) Atrazine	16.963	200	272959	18.930	ng/ul	98
71) Pentachlorophenol	17.157	266	305074	30.201	ng/ul	99
72) Phenanthrene	17.557	178	2469627	34.184	ng/ul	99
74) Anthracene	17.645	178	2420841	33.137	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	683623	36.342	ng/uL	100
76) Pentachlorobenzene	15.075	250	664740	35.194	ng/uL	99
77) Carbazole	17.910	167	2159130	33.704	ng/ul	100
78) Di-n-butylphthalate	18.445	149	2934922	35.576	ng/ul	100
80) Fluoranthene	19.504	202	2678019	42.226	ng/ul	99
82) Pyrene	19.857	202	2662073	40.646	ng/ul	98
83) Butylbenzylphthalate	20.710	149	1205975	41.536	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	736464	37.376	ng/ul	99
85) Benzo(a)anthracene	21.568	228	2217449	35.745	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1770406	42.353	ng/ul	100
87) Chrysene	21.627	228	2084359	35.149	ng/ul	97
89) Di-n-octyl phthalate	22.439	149	2716839	43.622	ng/ul	100
90) Benzo(b)fluoranthene	23.356	252	2102710	36.474	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2042961	36.905	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1807472	35.471	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.850	276	2324226	35.227	ng/ul	98
95) Dibenzo(a,h)anthracene	26.868	278	1915241	35.362	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	1922259	35.728	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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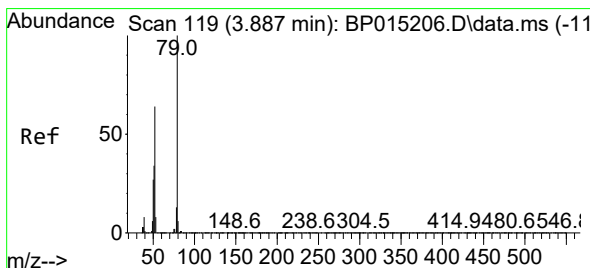
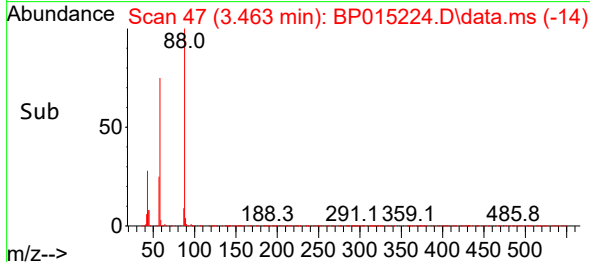
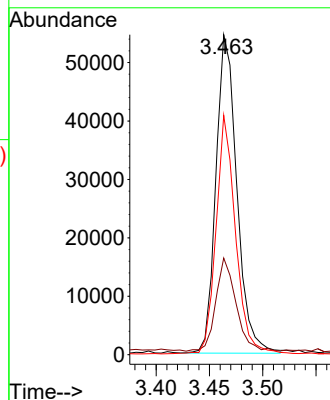
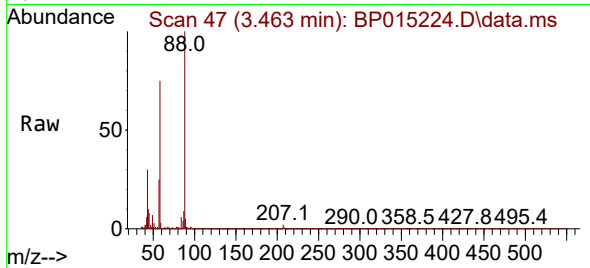




#2
1,4-Dioxane
Concen: 12.099 ng/uL
RT: 3.463 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP015224.D
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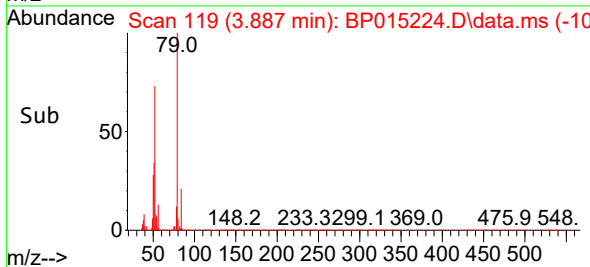
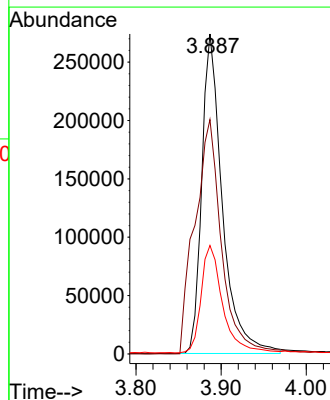
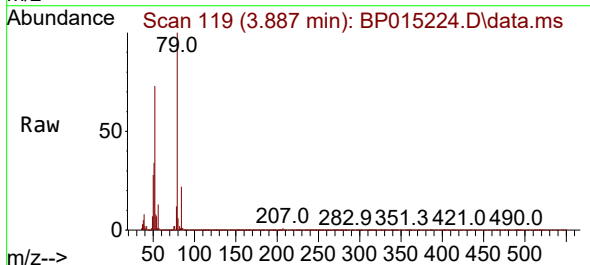
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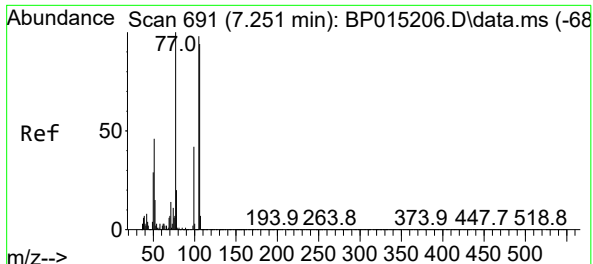
Tgt Ion: 88 Resp: 74697
Ion Ratio Lower Upper
88 100
43 30.2 20.4 30.6
58 74.8 55.4 83.2



#5
Pyridine
Concen: 27.228 ng/uL
RT: 3.887 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion: 79 Resp: 461188
Ion Ratio Lower Upper
79 100
52 73.2 55.4 83.2
51 33.9 25.4 38.2

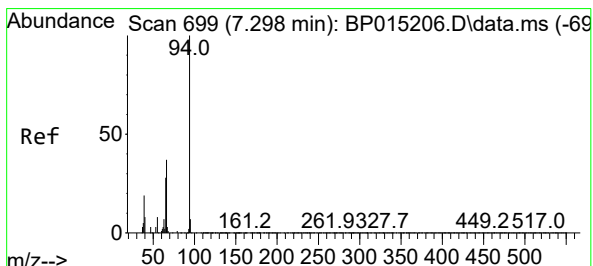
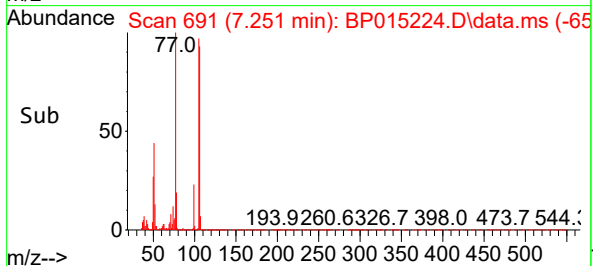
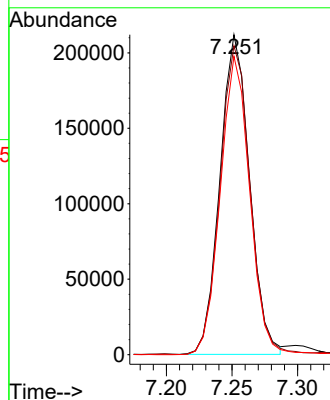
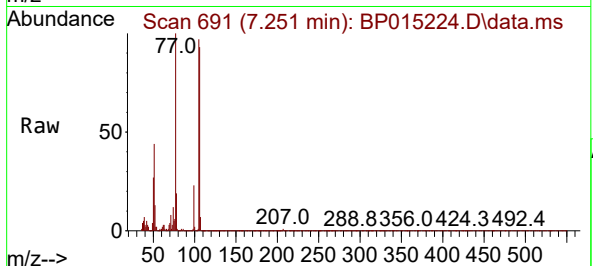




#6
Benzaldehyde
Concen: 58.235 ng/ul
RT: 7.251 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

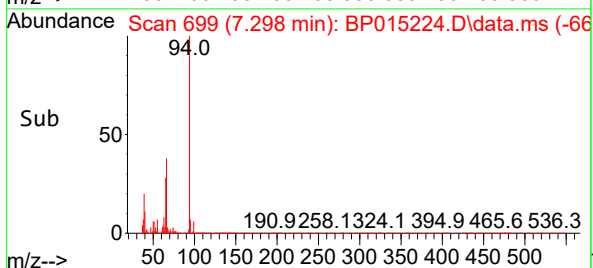
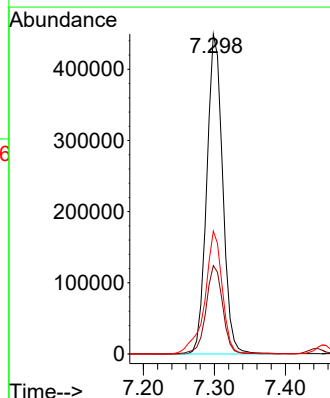
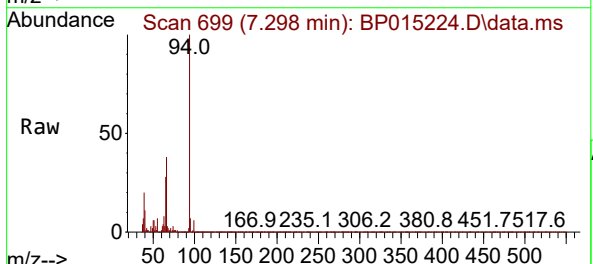
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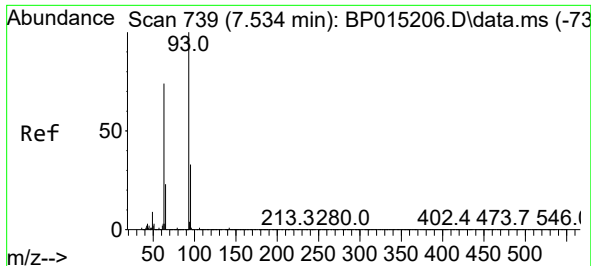
Tgt Ion: 77 Resp: 331764
Ion Ratio Lower Upper
77 100
105 96.5 76.9 115.3
106 93.2 75.0 112.6



#8
Phenol
Concen: 32.925 ng/ul
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion: 94 Resp: 699778
Ion Ratio Lower Upper
94 100
65 27.6 20.6 31.0
66 38.4 26.1 39.1

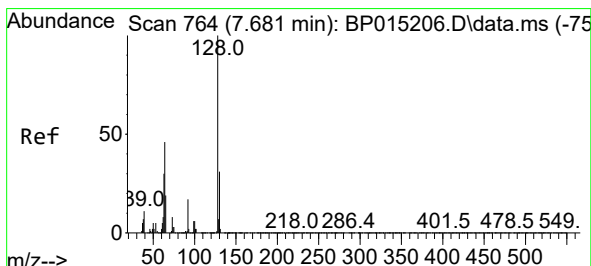
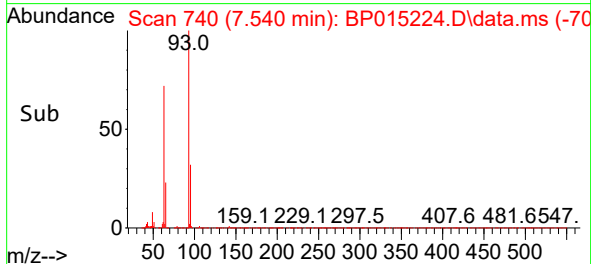
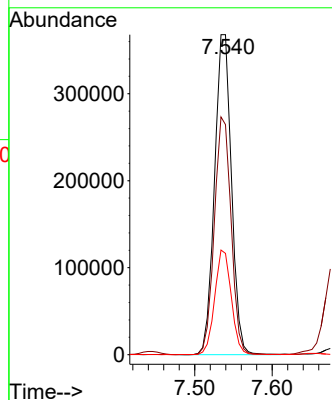
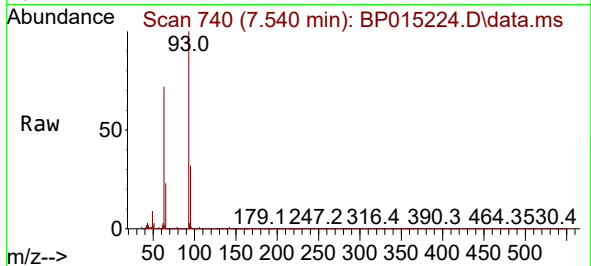




#10
Bis(2-Chloroethyl)ether
Concen: 32.946 ng/ul
RT: 7.540 min Scan# 740
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

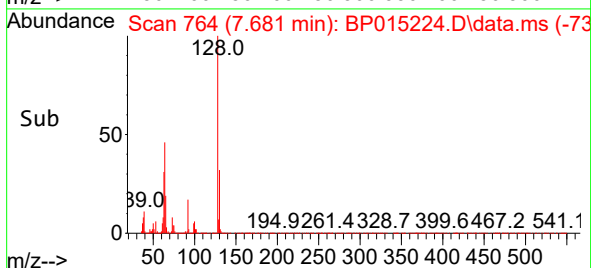
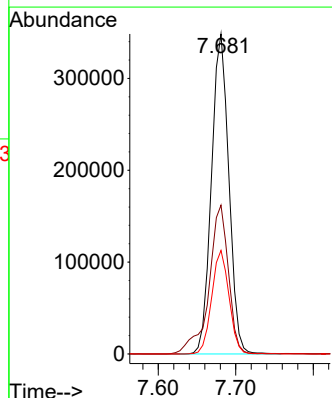
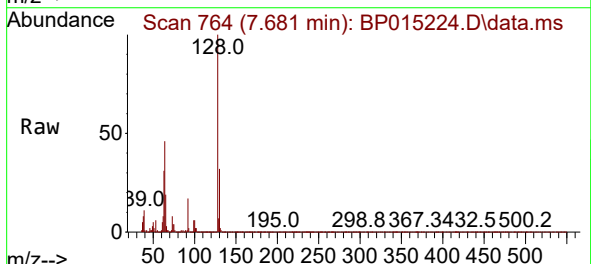
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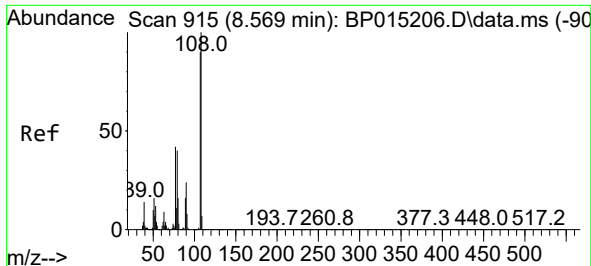
Tgt Ion: 93 Resp: 560223
Ion Ratio Lower Upper
93 100
63 71.9 58.0 87.0
95 31.6 26.4 39.6



#12
2-Chlorophenol
Concen: 33.740 ng/ul
RT: 7.681 min Scan# 764
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:128 Resp: 543862
Ion Ratio Lower Upper
128 100
64 46.5 36.2 54.2
130 32.3 26.3 39.5

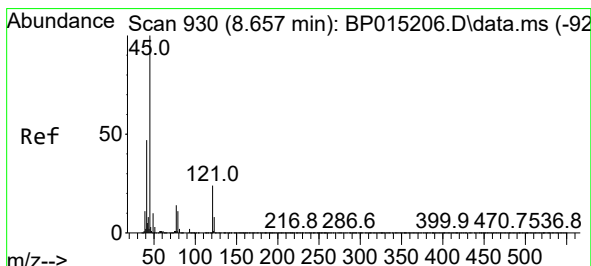
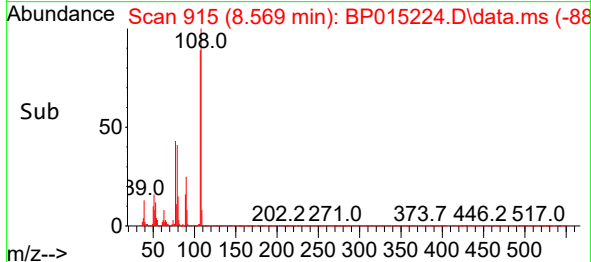
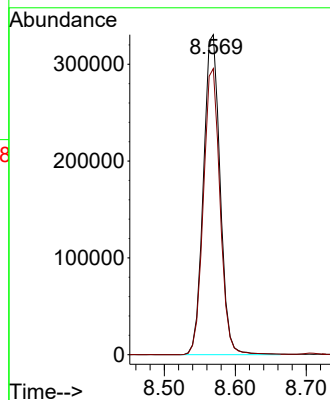
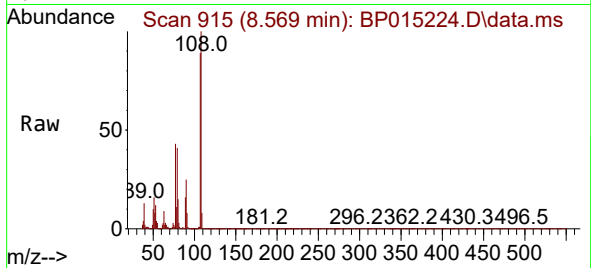




#13
2-Methylphenol
Concen: 32.833 ng/ul
RT: 8.569 min Scan# 915
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

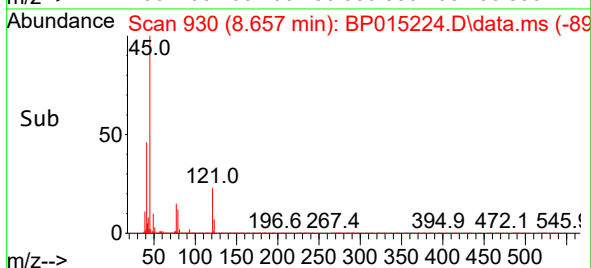
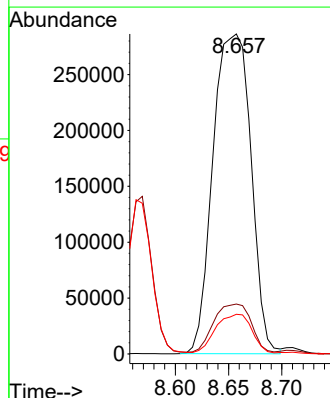
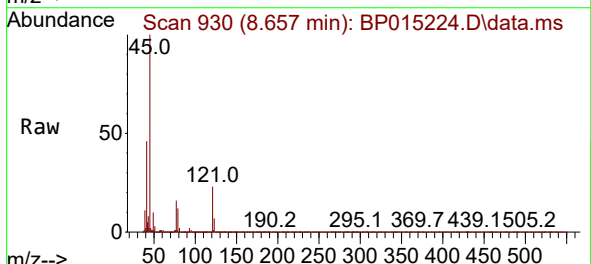
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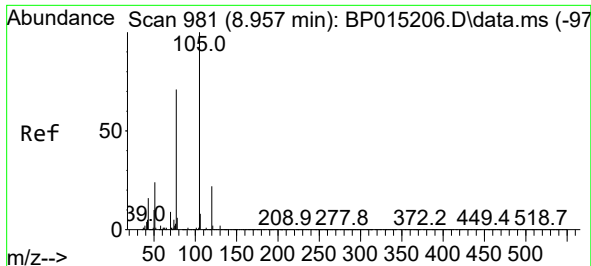
Tgt Ion:108 Resp: 539327
Ion Ratio Lower Upper
108 100
107 89.4 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 33.334 ng/ul
RT: 8.657 min Scan# 930
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion: 45 Resp: 710163
Ion Ratio Lower Upper
45 100
77 15.6 12.8 19.2
79 12.4 9.5 14.3

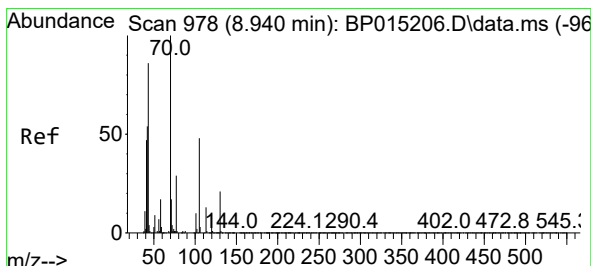
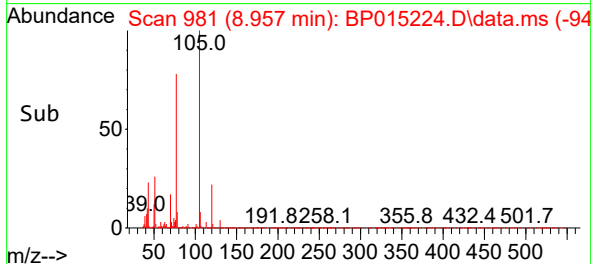
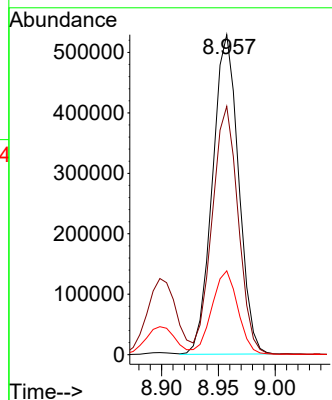
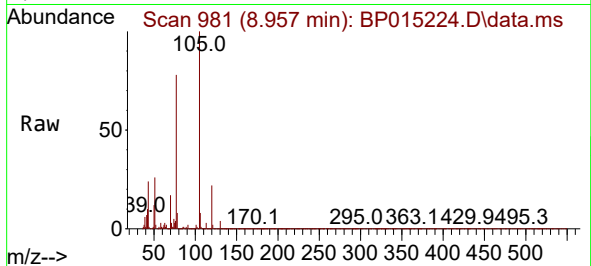




#16
Acetophenone
Concen: 32.775 ng/ul
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

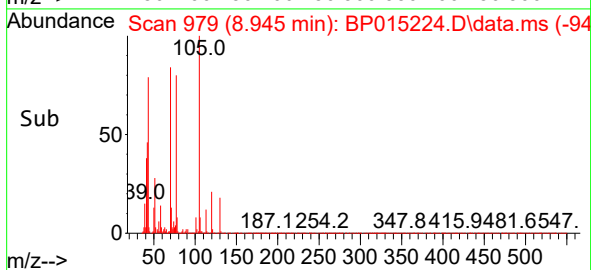
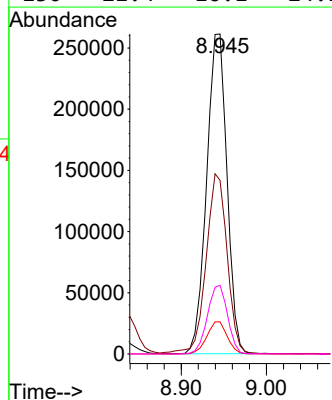
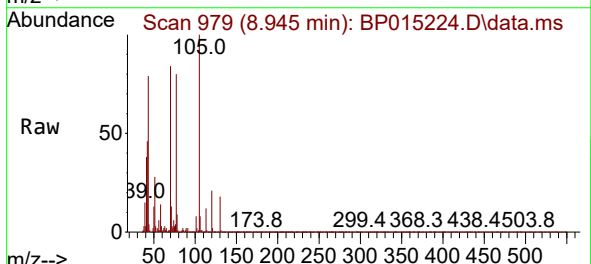
Instrument :
BNA_P
ClientSampleId :
SLCS889

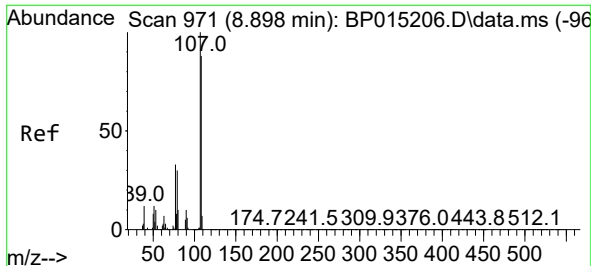
Tgt Ion:105 Resp: 844853
Ion Ratio Lower Upper
105 100
77 77.6 59.4 89.2
51 26.2 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 32.019 ng/ul
RT: 8.945 min Scan# 979
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion: 70 Resp: 432856
Ion Ratio Lower Upper
70 100
42 54.3 41.0 61.6
101 10.1 7.9 11.9
130 21.4 16.1 24.1





#18

4-Methylphenol

Concen: 32.556 ng/ul

RT: 8.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

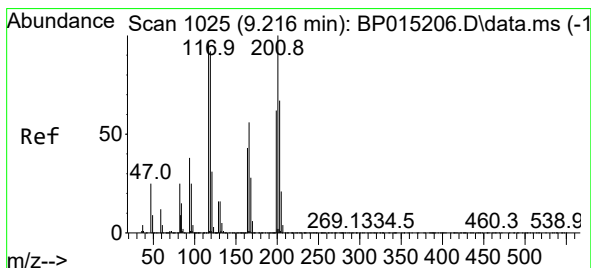
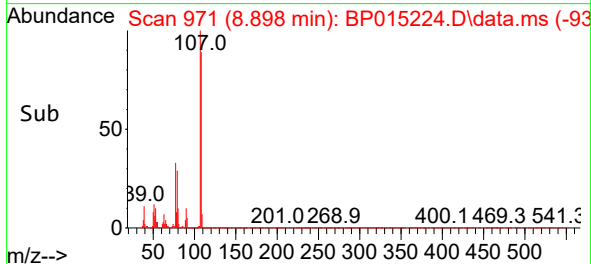
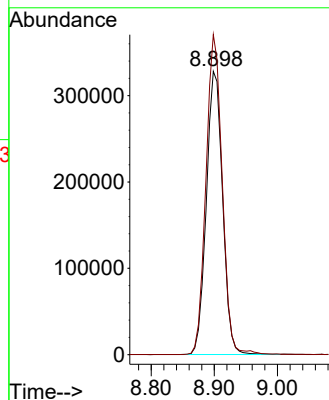
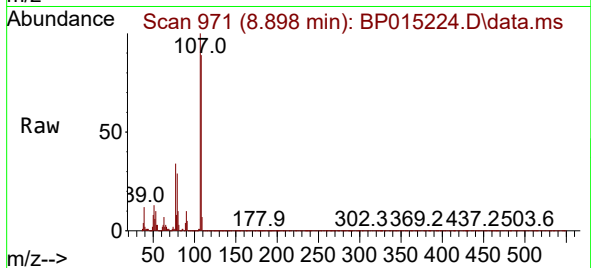
SLCS889

Tgt Ion:108 Resp: 588616

Ion Ratio Lower Upper

108 100

107 112.9 88.5 132.7



#19

Hexachloroethane

Concen: 33.094 ng/ul

RT: 9.216 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

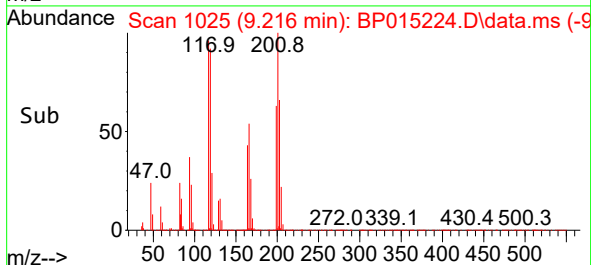
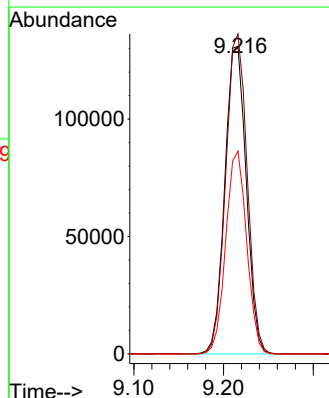
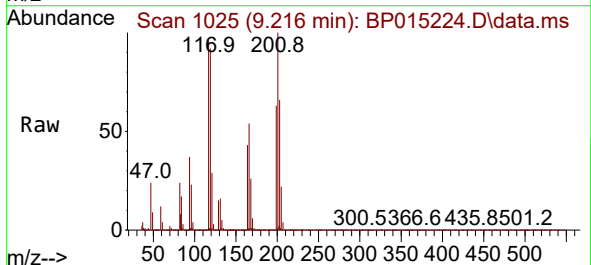
Tgt Ion:117 Resp: 217816

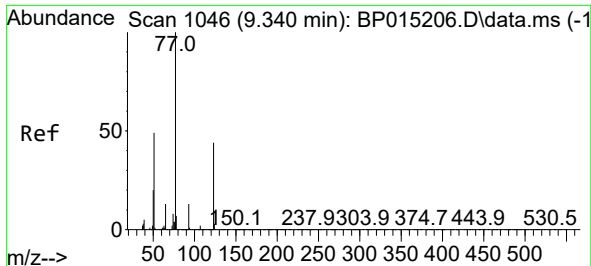
Ion Ratio Lower Upper

117 100

201 104.0 75.8 113.8

199 66.0 46.5 69.7

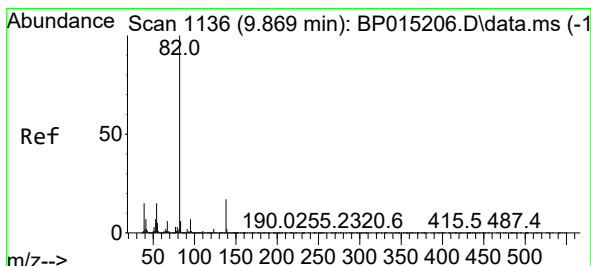
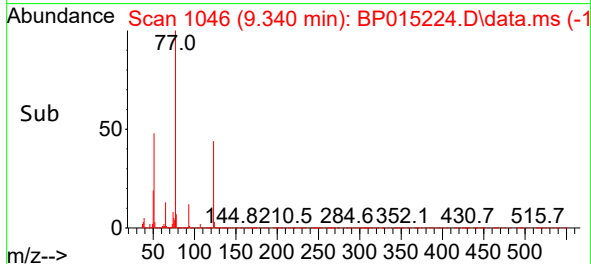
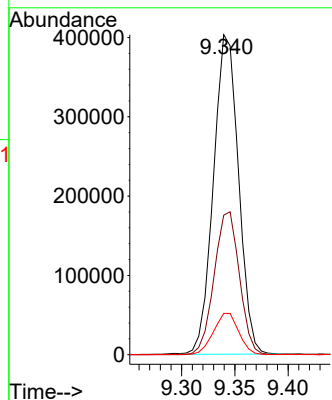
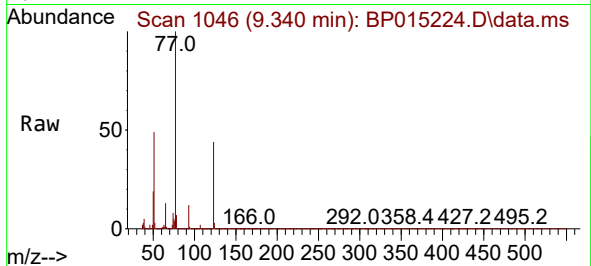




#22
Nitrobenzene
Concen: 34.634 ng/ul
RT: 9.340 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

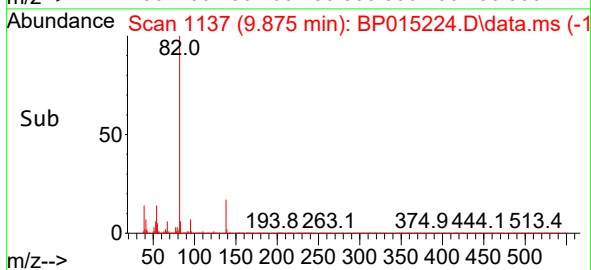
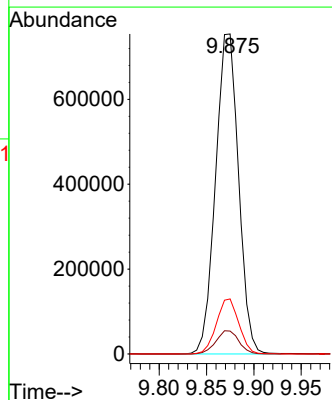
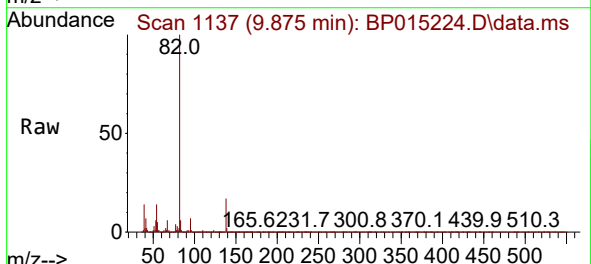
Instrument :
BNA_P
ClientSampleId :
SLCS889

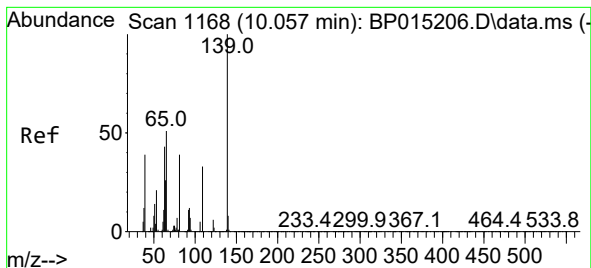
Tgt Ion: 77 Resp: 658942
Ion Ratio Lower Upper
77 100
123 43.6 36.2 54.2
65 12.9 10.1 15.1



#23
Isophorone
Concen: 32.582 ng/ul
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion: 82 Resp: 1274186
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 17.2 13.6 20.4

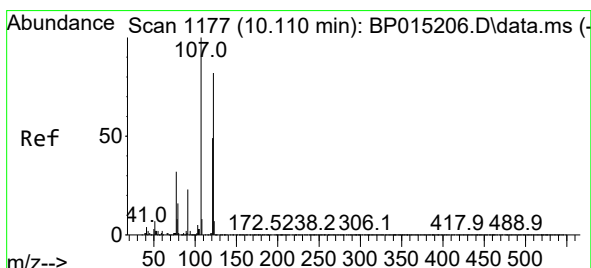
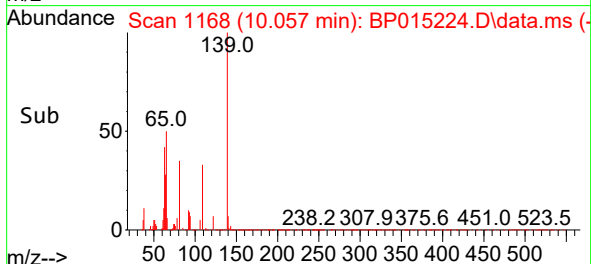
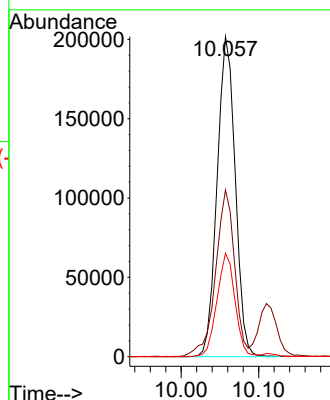
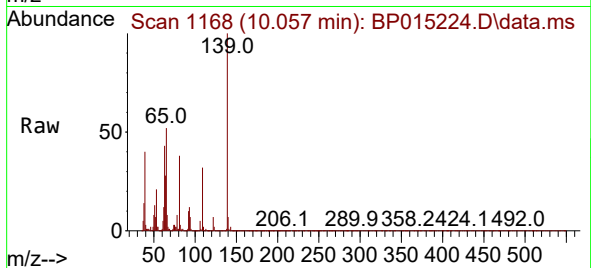




#25
2-Nitrophenol
Concen: 34.905 ng/ul
RT: 10.057 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

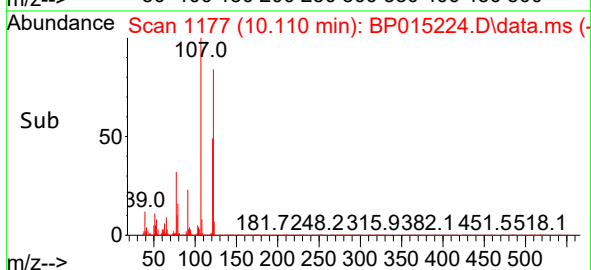
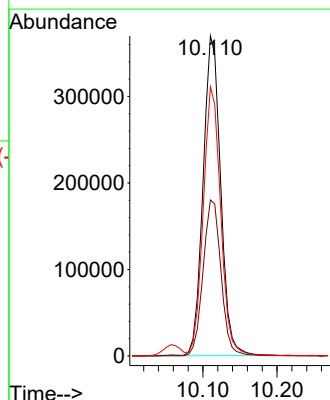
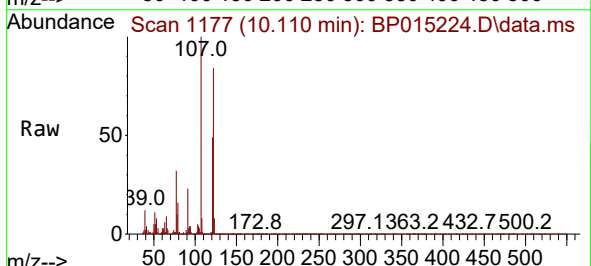
Instrument :
BNA_P
ClientSampleId :
SLCS889

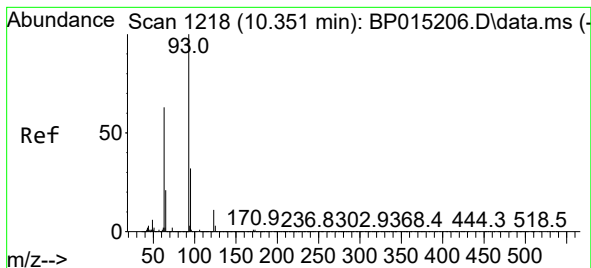
Tgt Ion:139 Resp: 328082
Ion Ratio Lower Upper
139 100
65 52.1 38.4 57.6
109 32.3 22.2 33.2



#26
2,4-Dimethylphenol
Concen: 32.445 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:107 Resp: 608560
Ion Ratio Lower Upper
107 100
121 48.7 41.0 61.6
122 84.1 69.5 104.3

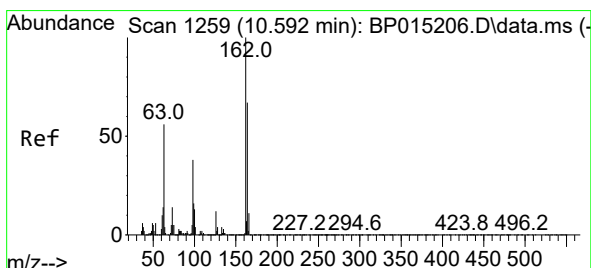
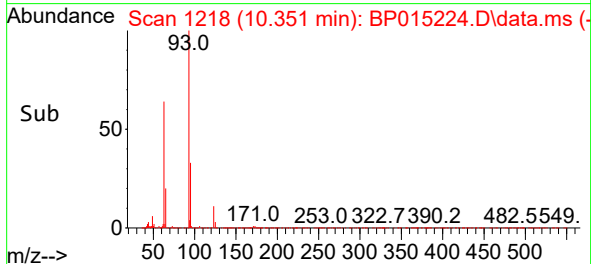
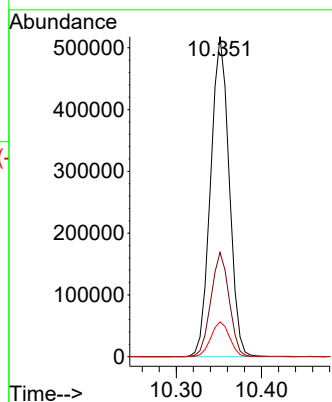
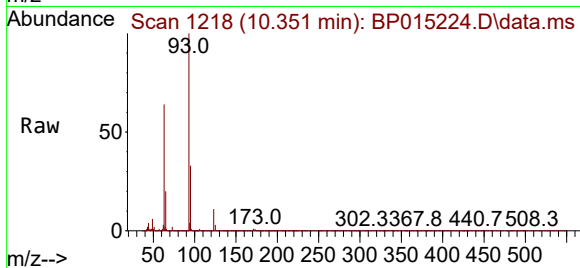




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.011 ng/ul
 RT: 10.351 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP015224.D
 Acq: 22 May 2023 20:05

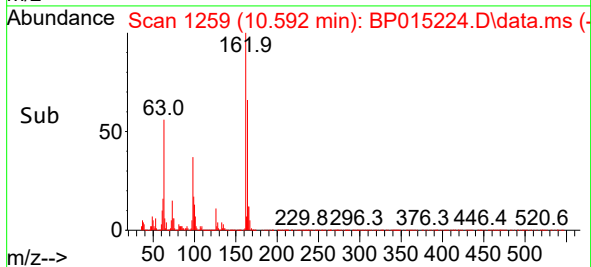
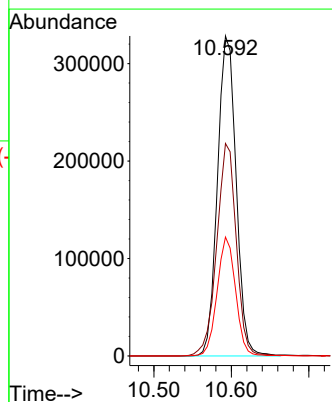
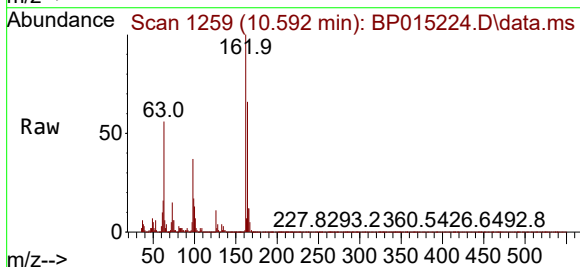
Instrument :
 BNA_P
 ClientSampleId :
 SLCS889

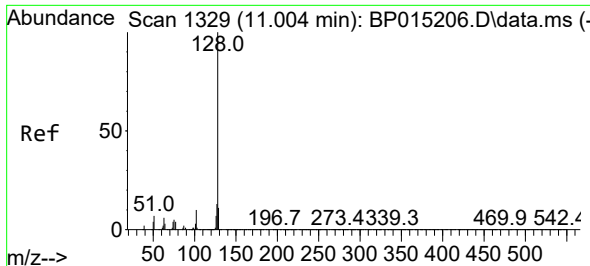
Tgt Ion: 93 Resp: 785480
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.7 40.1
 123 10.9 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 35.222 ng/ul
 RT: 10.592 min Scan# 1259
 Delta R.T. -0.006 min
 Lab File: BP015224.D
 Acq: 22 May 2023 20:05

Tgt Ion: 162 Resp: 550290
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.0 78.0
 98 37.2 28.9 43.3

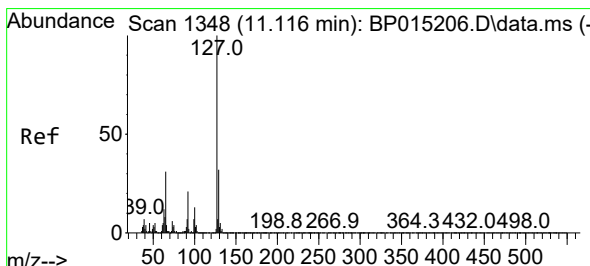
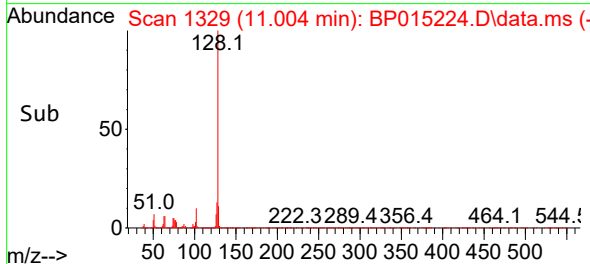
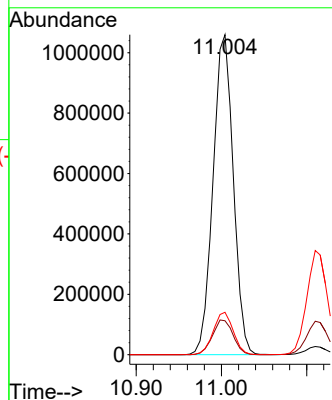
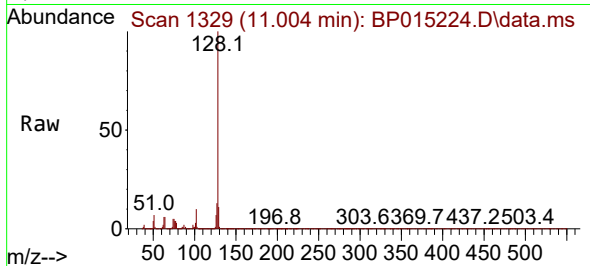




#30
Naphthalene
Concen: 32.793 ng/ul
RT: 11.004 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

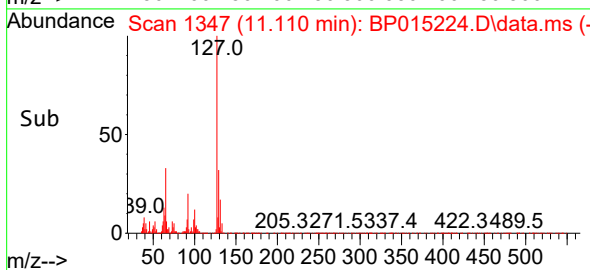
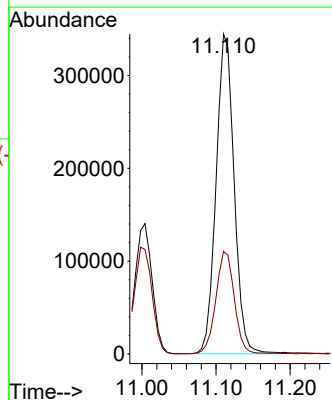
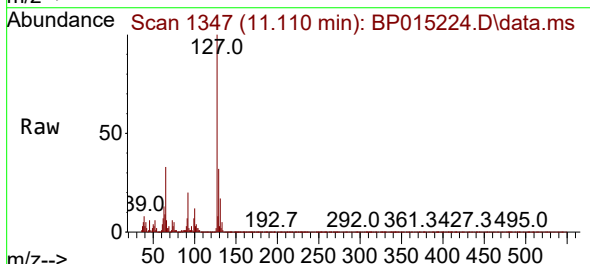
Instrument :
BNA_P
ClientSampleId :
SLCS889

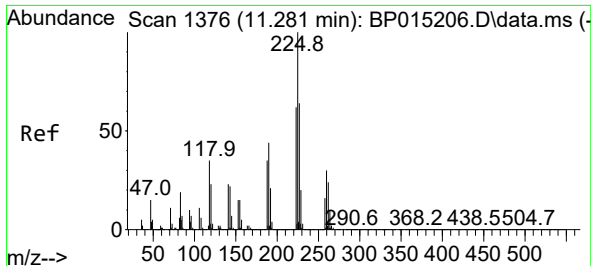
Tgt Ion:128 Resp: 1747763
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.3 10.6 15.8



#32
4-Chloroaniline
Concen: 24.755 ng/ul
RT: 11.110 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:127 Resp: 582246
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8

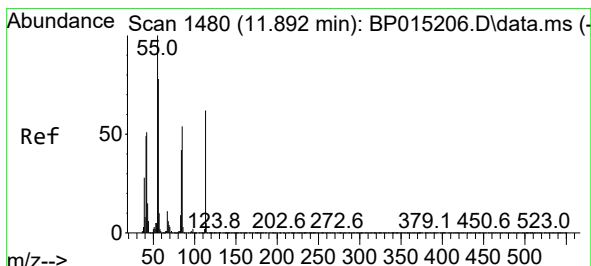
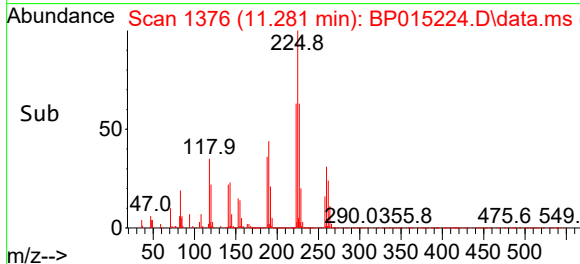
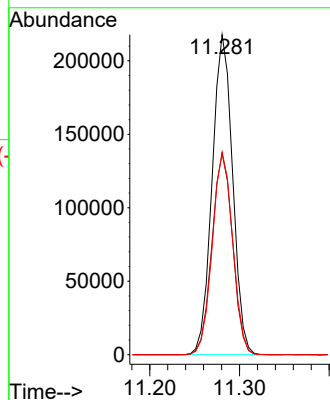
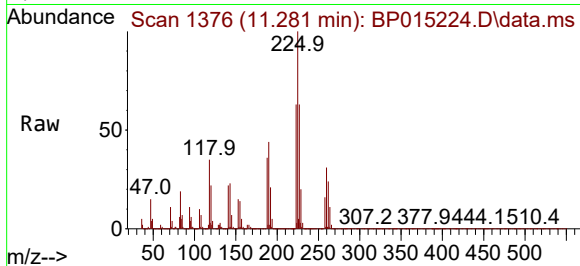




#33
Hexachlorobutadiene
Concen: 36.590 ng/ul
RT: 11.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

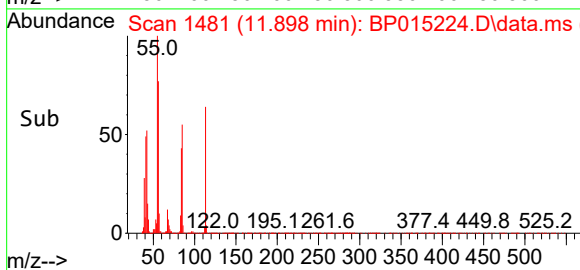
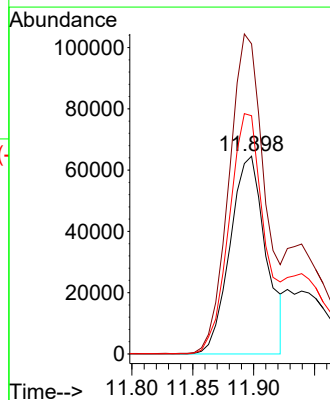
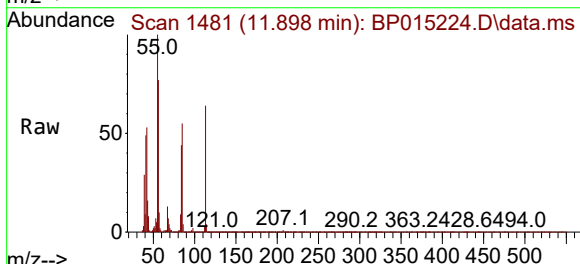
Instrument :
BNA_P
ClientSampleId :
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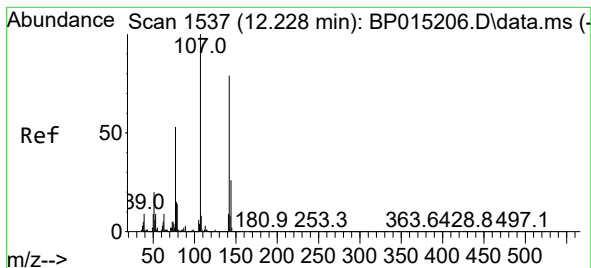
Tgt Ion:225 Resp: 344540
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 63.3 52.2 78.4



#34
Caprolactam
Concen: 22.365 ng/ul
RT: 11.898 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:113 Resp: 131734
Ion Ratio Lower Upper
113 100
55 156.8 121.2 181.8
56 120.5 90.2 135.4

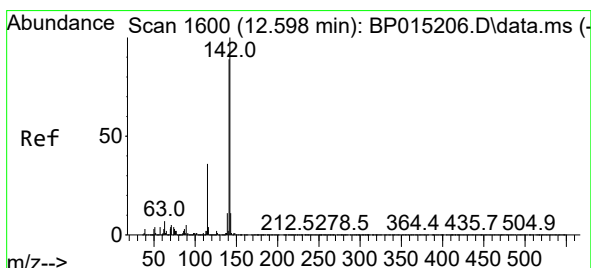
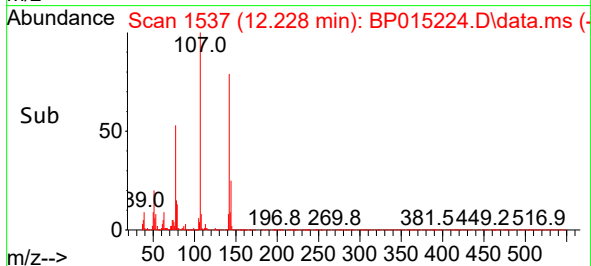
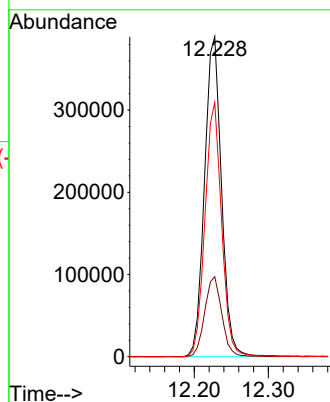
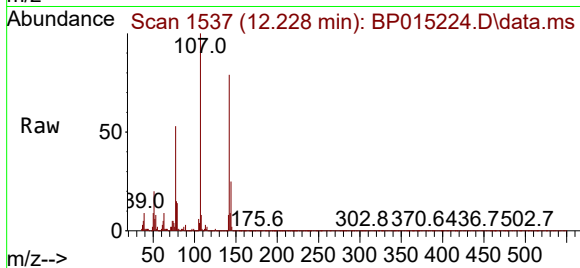




#35
4-Chloro-3-methylphenol
Concen: 35.176 ng/ul
RT: 12.228 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

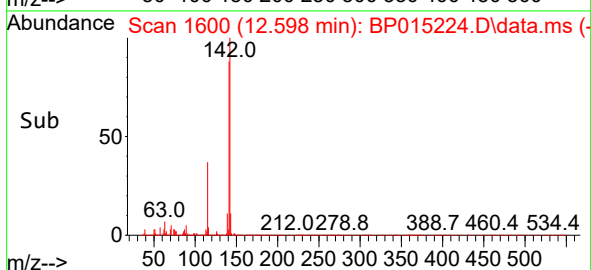
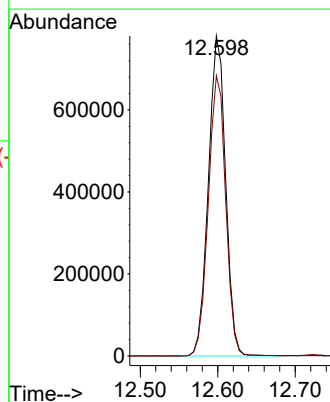
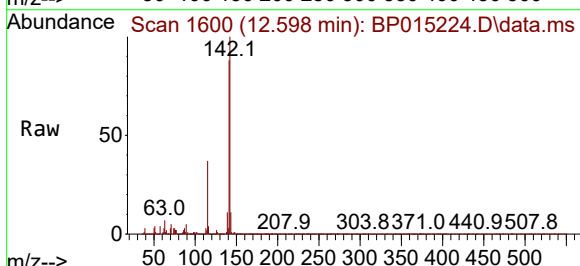
Instrument :
BNA_P
ClientSampleId :
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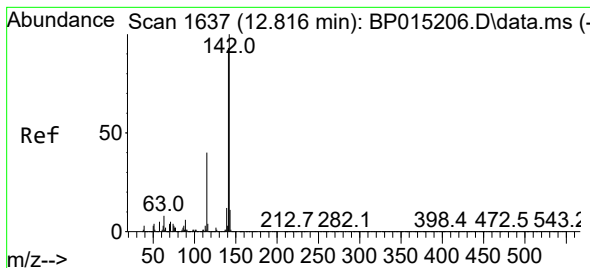
Tgt Ion:107 Resp: 620536
Ion Ratio Lower Upper
107 100
144 25.0 20.3 30.5
142 79.4 63.2 94.8



#36
2-Methylnaphthalene
Concen: 33.522 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:142 Resp: 1203798
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6





#37

1-Methylnaphthalene

Concen: 34.235 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

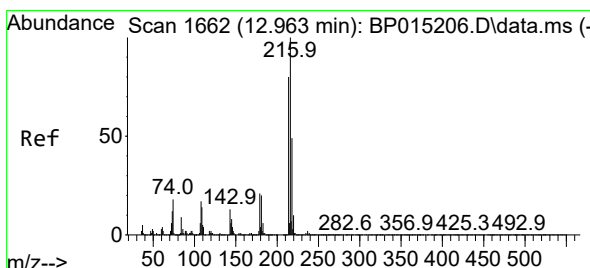
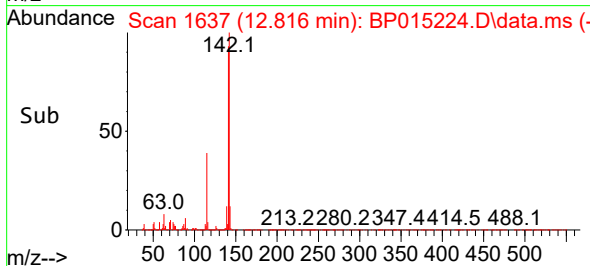
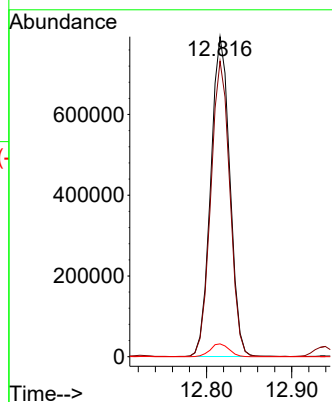
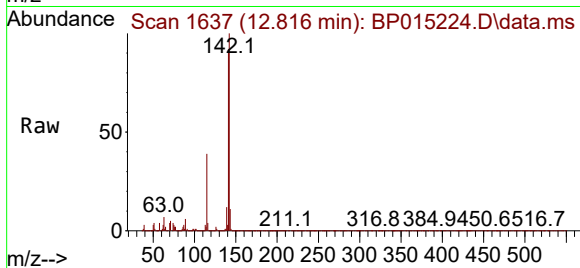
Tgt Ion:142 Resp: 1234600

Ion Ratio Lower Upper

142 100

141 92.4 74.6 112.0

116 4.0 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.526 ng/ul

RT: 12.963 min Scan# 1662

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Tgt Ion:216 Resp: 670243

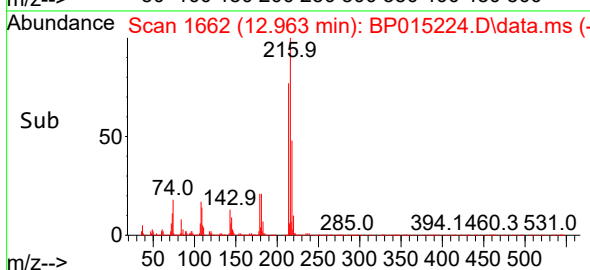
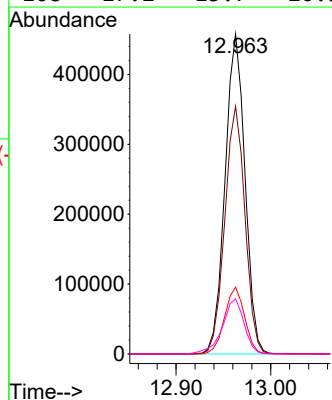
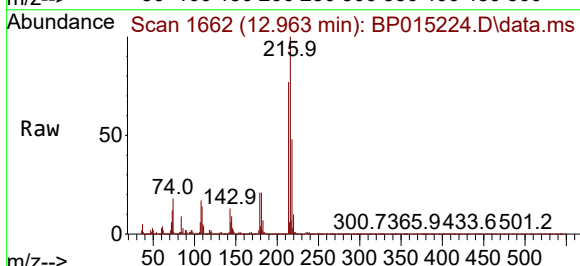
Ion Ratio Lower Upper

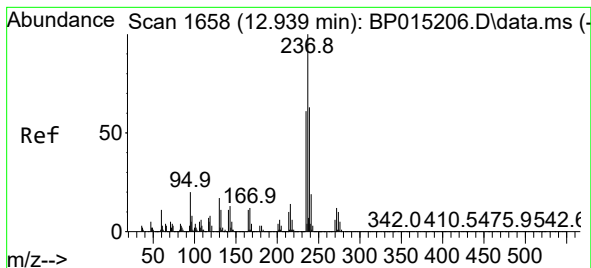
216 100

214 77.4 61.4 92.0

179 20.9 15.9 23.9

108 17.2 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 24.998 ng/ul

RT: 12.939 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

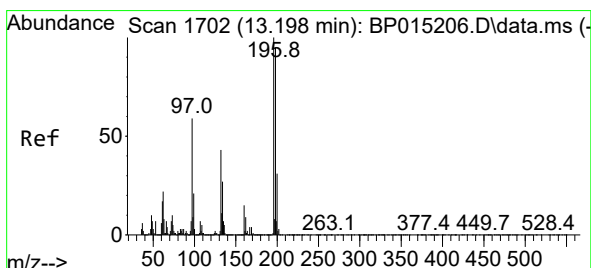
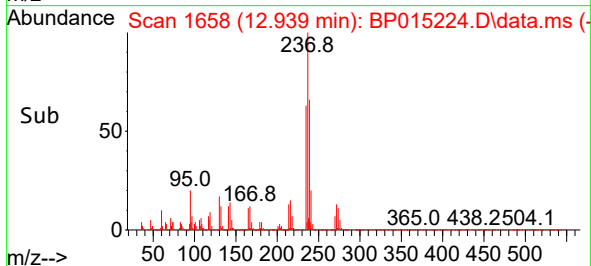
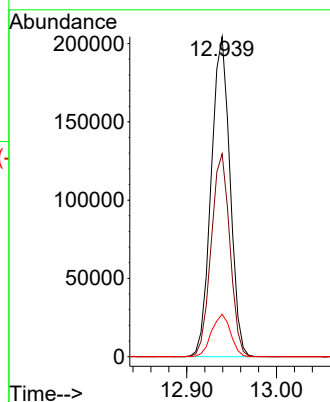
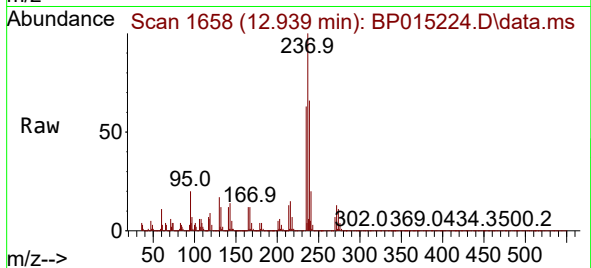
Tgt Ion:237 Resp: 297204

Ion Ratio Lower Upper

237 100

235 63.4 49.4 74.0

272 13.3 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 34.431 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

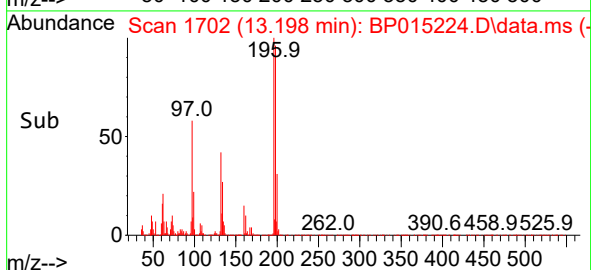
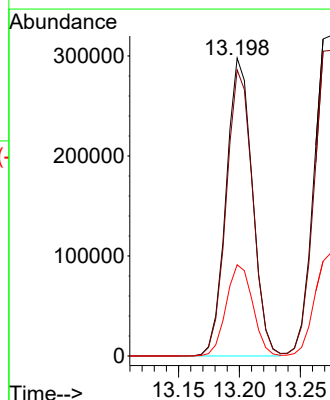
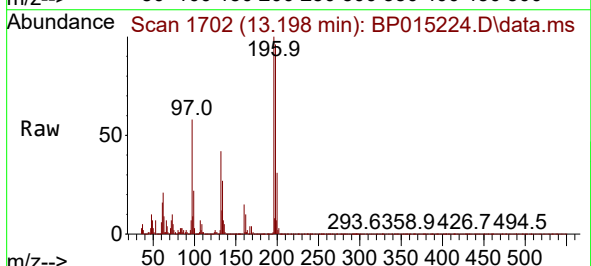
Tgt Ion:196 Resp: 446136

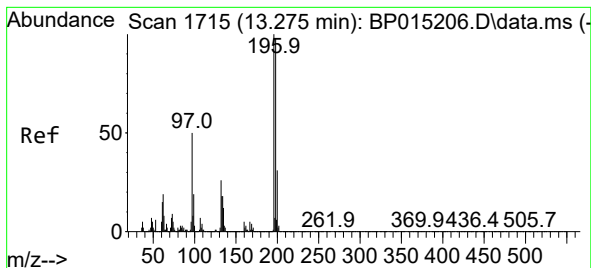
Ion Ratio Lower Upper

196 100

198 96.1 75.5 113.3

200 30.6 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 35.847 ng/ul

RT: 13.275 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

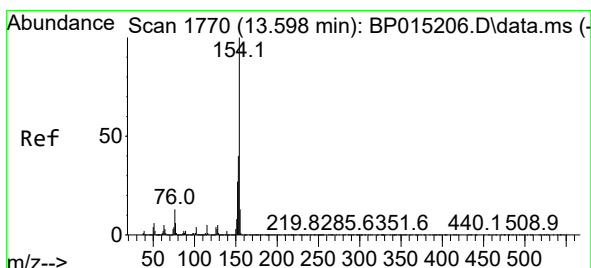
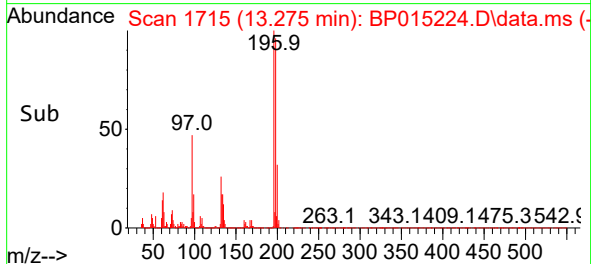
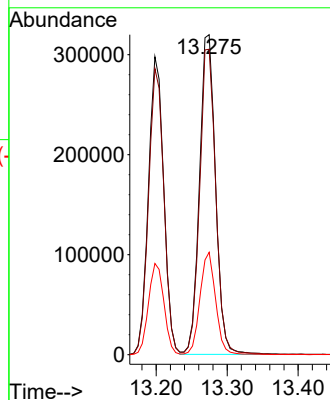
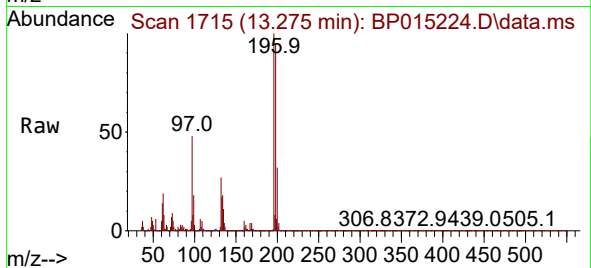
Tgt Ion:196 Resp: 503619

Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.4

200 32.0 24.3 36.5



#43

1,1'-Biphenyl

Concen: 34.459 ng/ul

RT: 13.598 min Scan# 1770

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

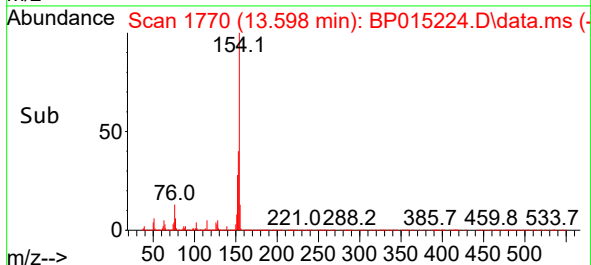
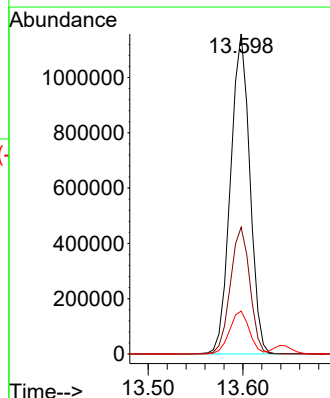
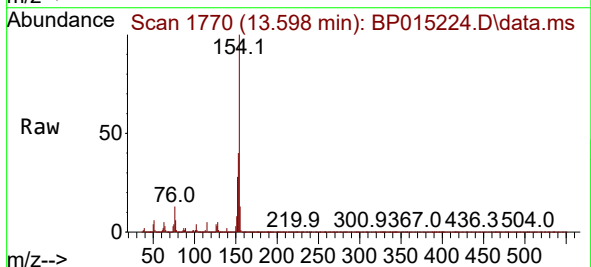
Tgt Ion:154 Resp: 1640328

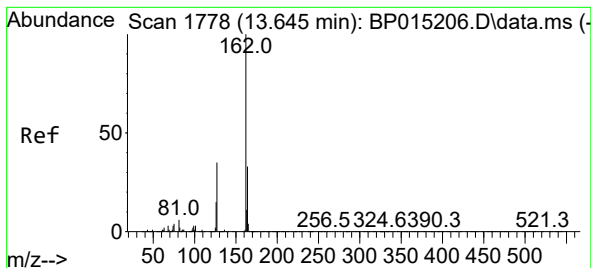
Ion Ratio Lower Upper

154 100

153 39.6 32.7 49.1

76 13.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 34.780 ng/ul

RT: 13.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

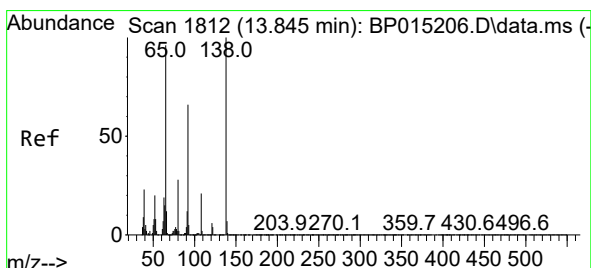
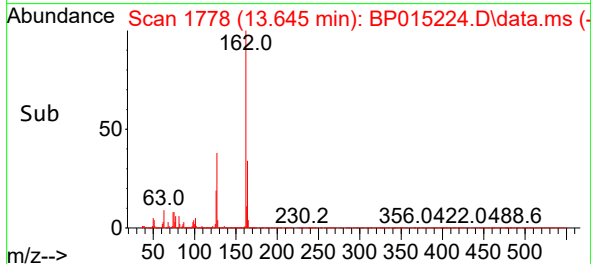
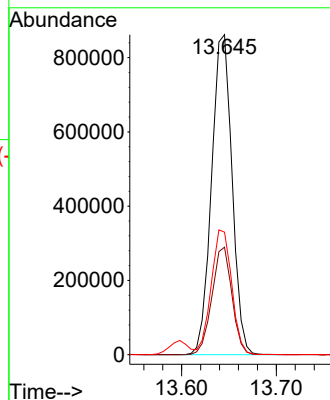
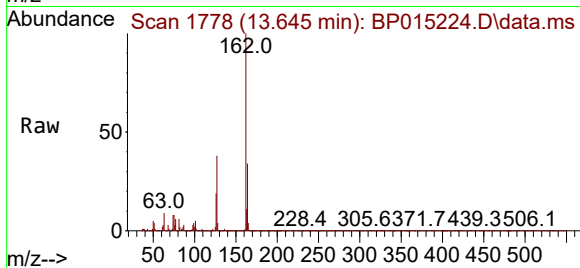
Tgt Ion:162 Resp: 1292948

Ion Ratio Lower Upper

162 100

164 33.6 25.9 38.9

127 38.3 30.8 46.2



#45

2-Nitroaniline

Concen: 37.545 ng/ul

RT: 13.845 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

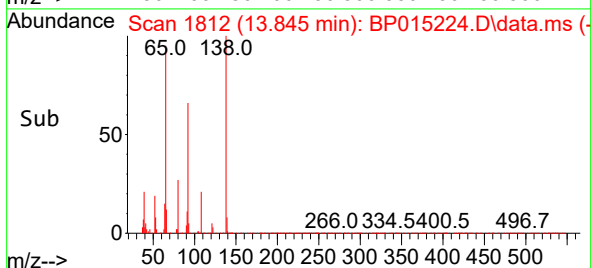
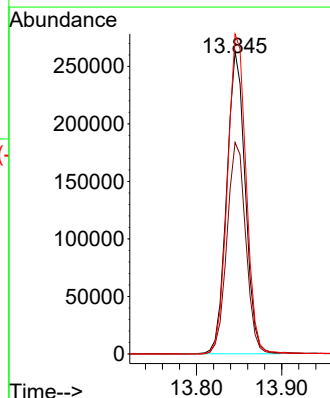
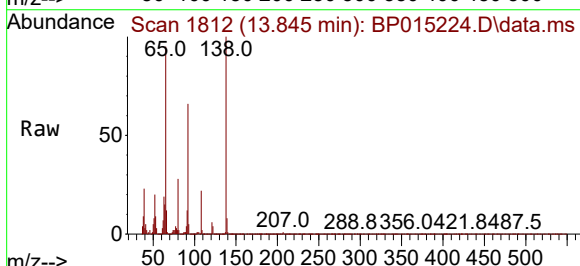
Tgt Ion: 65 Resp: 399362

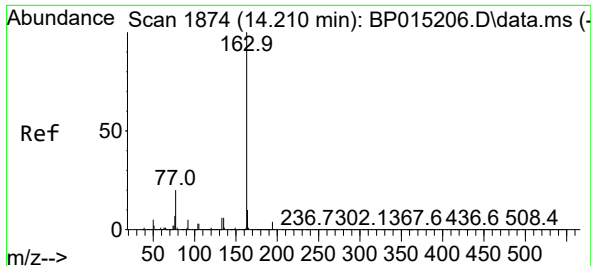
Ion Ratio Lower Upper

65 100

92 69.9 59.8 89.8

138 105.8 92.3 138.5

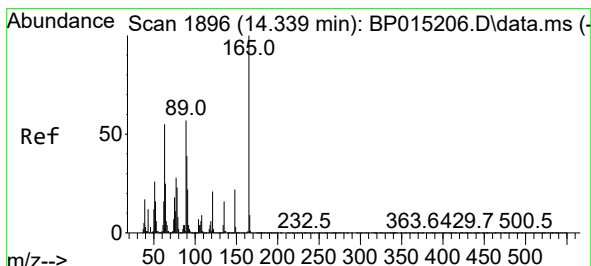
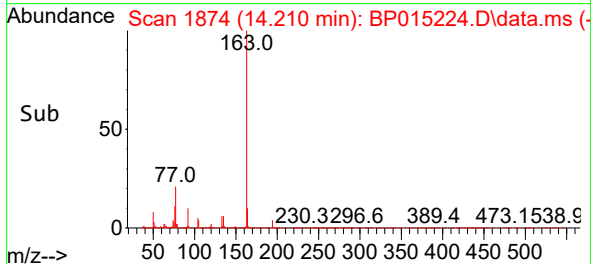
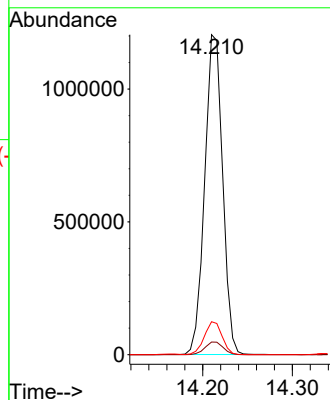
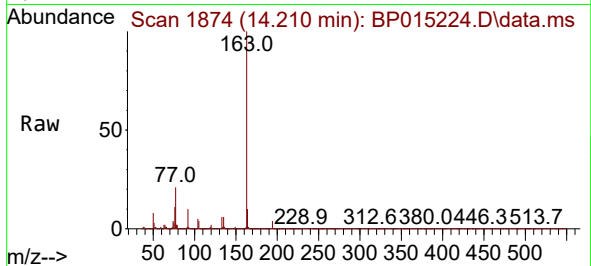




#47
Dimethylphthalate
Concen: 34.619 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

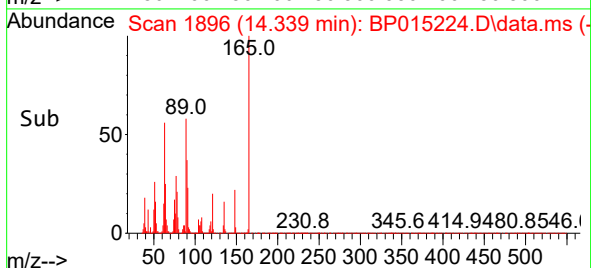
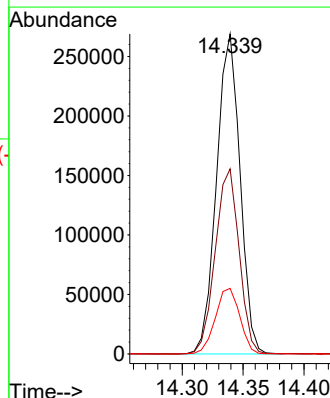
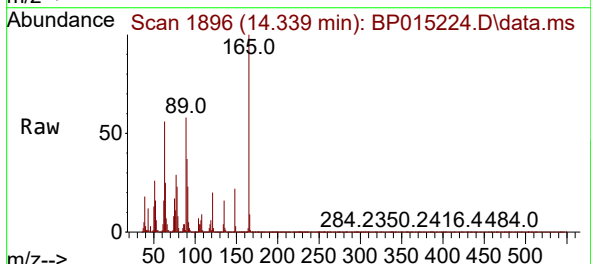
Instrument :
BNA_P
ClientSampleId :
SLCS889

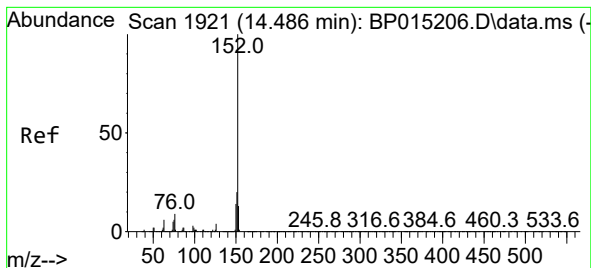
Tgt Ion:163 Resp: 1671549
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 37.723 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:165 Resp: 360848
Ion Ratio Lower Upper
165 100
89 57.8 48.0 72.0
121 20.5 17.5 26.3





#50

Acenaphthylene

Concen: 33.683 ng/ul

RT: 14.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

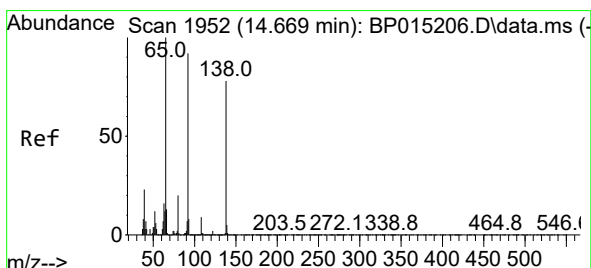
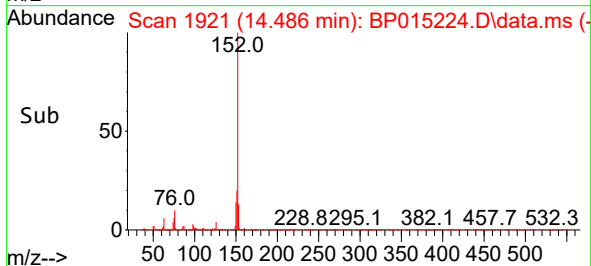
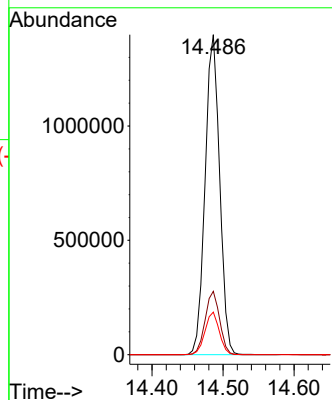
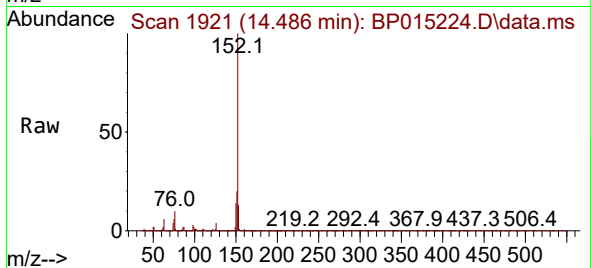
Tgt Ion:152 Resp: 1992807

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.3 10.3 15.5



#51

3-Nitroaniline

Concen: 39.728 ng/ul

RT: 14.669 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

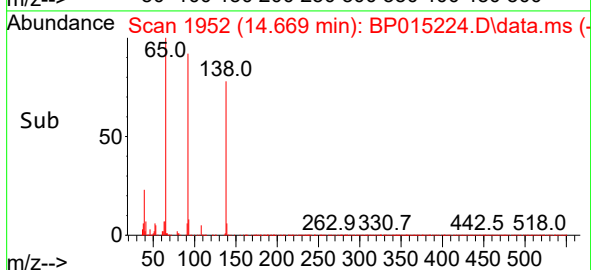
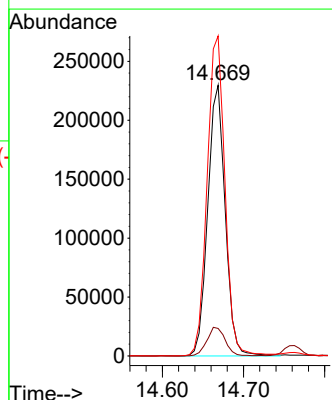
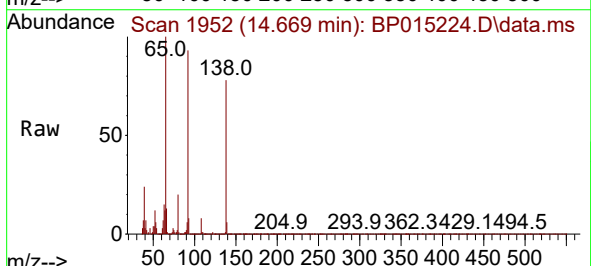
Tgt Ion:138 Resp: 342201

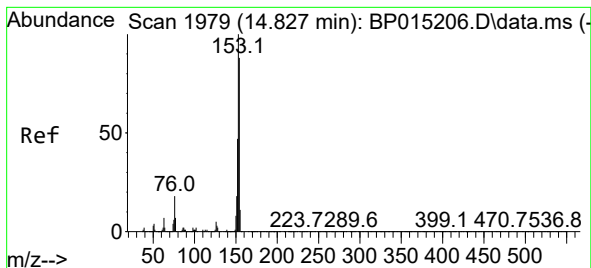
Ion Ratio Lower Upper

138 100

108 10.2 8.8 13.2

92 118.2 93.4 140.0

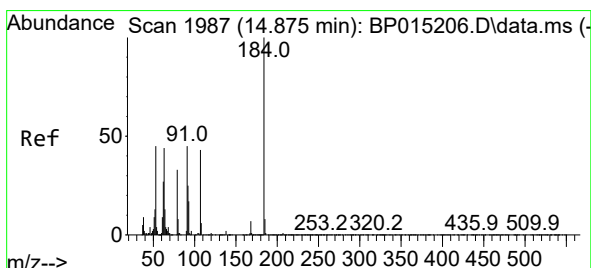
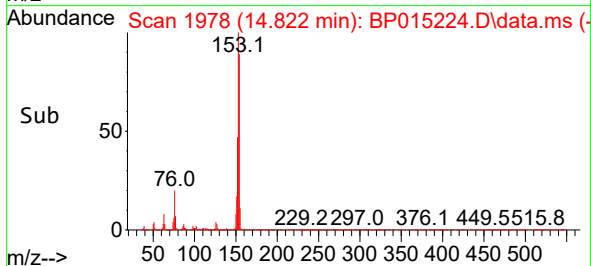
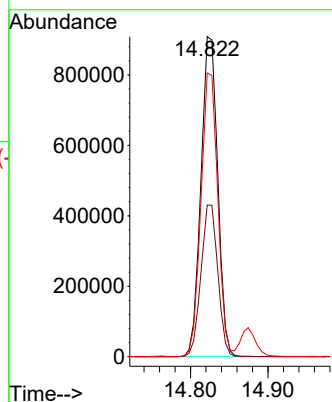
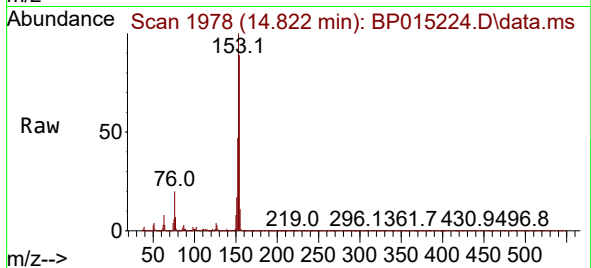




#52
Acenaphthene
Concen: 33.797 ng/ul
RT: 14.822 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

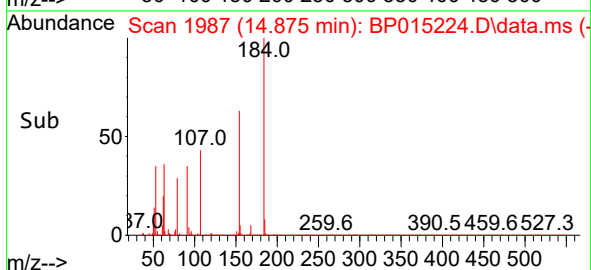
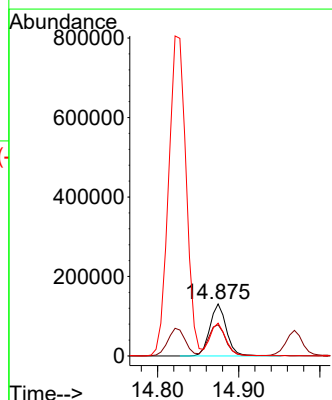
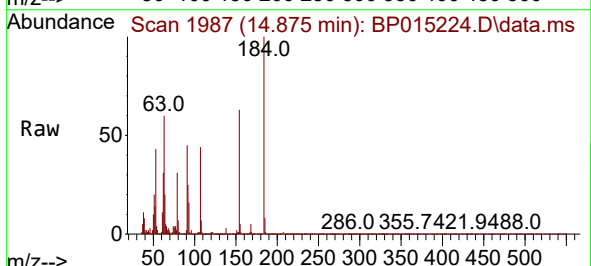
Instrument :
BNA_P
ClientSampleId :
SLCS889

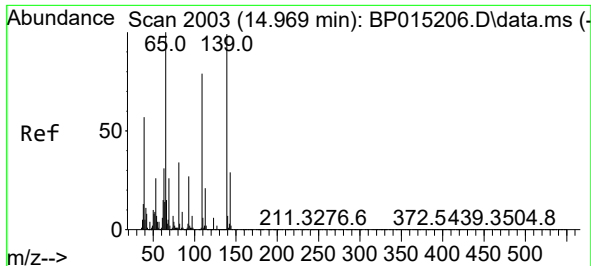
Tgt Ion:153 Resp: 1365688
Ion Ratio Lower Upper
153 100
152 47.4 38.0 57.0
154 88.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 29.130 ng/ul
RT: 14.875 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:184 Resp: 185012
Ion Ratio Lower Upper
184 100
63 60.2 49.7 74.5
154 63.1 47.5 71.3

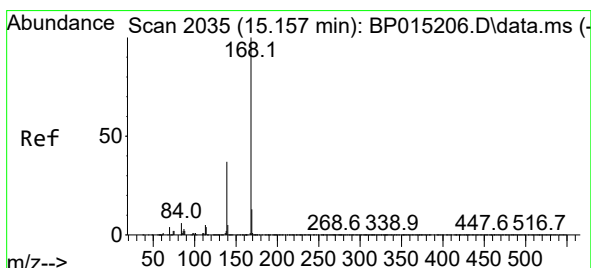
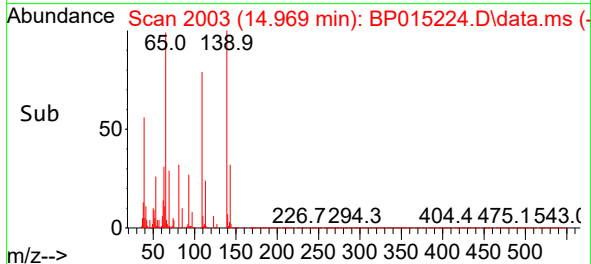
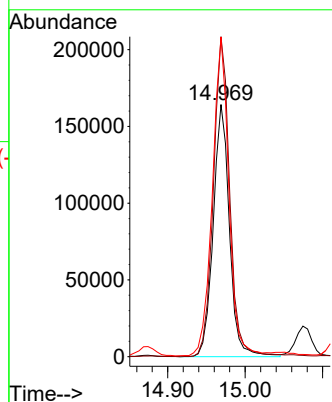
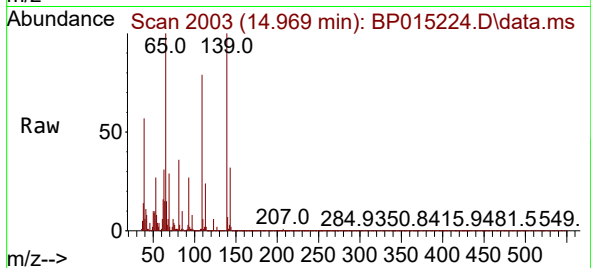




#55
4-Nitrophenol
Concen: 36.032 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

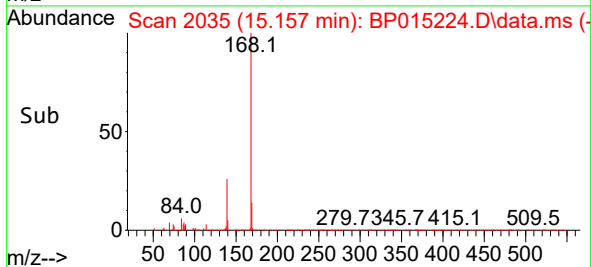
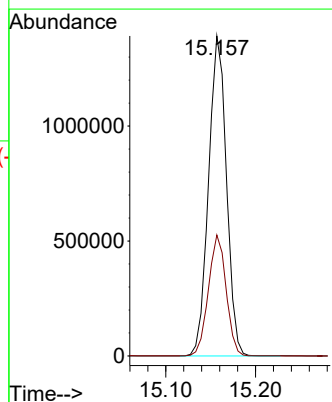
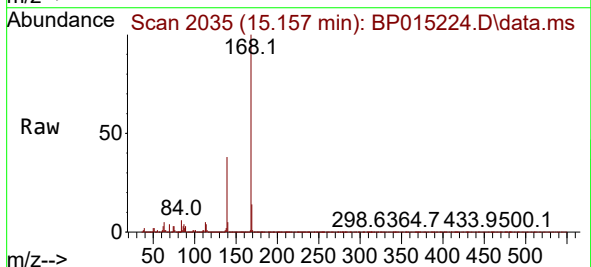
Instrument :
BNA_P
ClientSampleId :
SLCS889

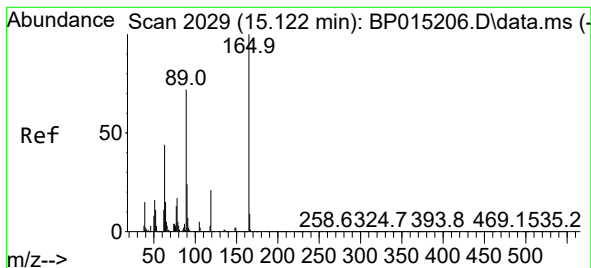
Tgt Ion:109 Resp: 238587
Ion Ratio Lower Upper
109 100
139 126.9 115.3 172.9
65 126.8 107.9 161.9



#56
Dibenzofuran
Concen: 34.268 ng/ul
RT: 15.157 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:168 Resp: 1926053
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0

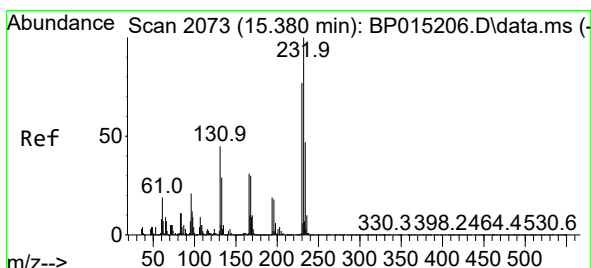
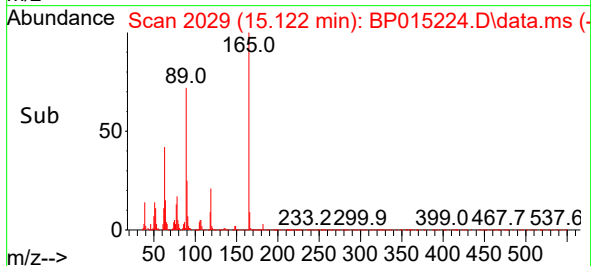
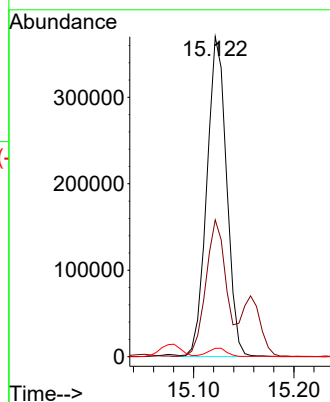
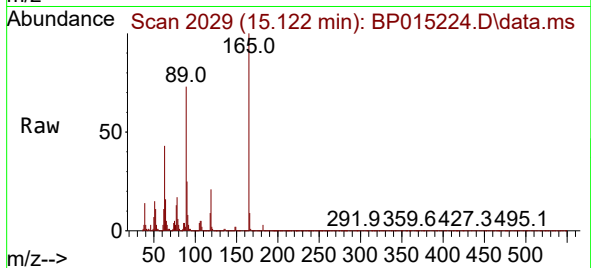




#57
2,4-Dinitrotoluene
Concen: 36.695 ng/ul
RT: 15.122 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

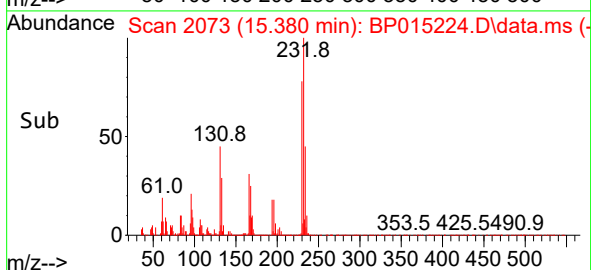
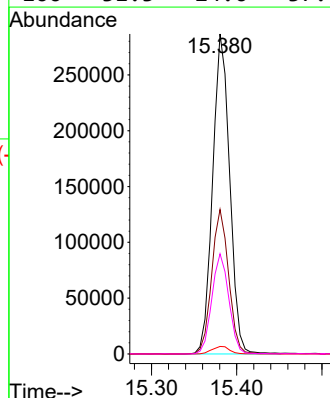
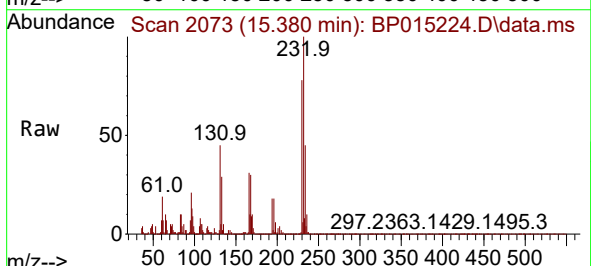
Instrument :
BNA_P
ClientSampleId :
SLCS889

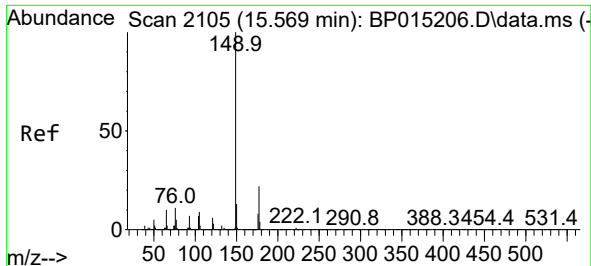
Tgt Ion:165 Resp: 507929
Ion Ratio Lower Upper
165 100
63 42.8 33.1 49.7
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.588 ng/ul
RT: 15.380 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:232 Resp: 398240
Ion Ratio Lower Upper
232 100
131 45.2 36.8 55.2
130 2.3 1.9 2.9
166 31.3 24.6 37.0

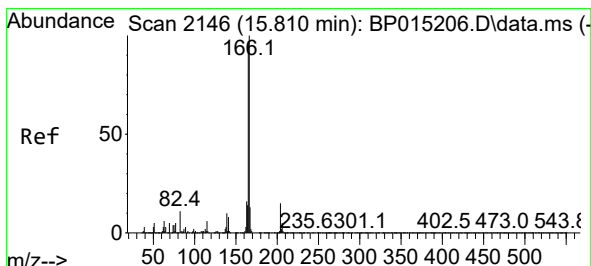
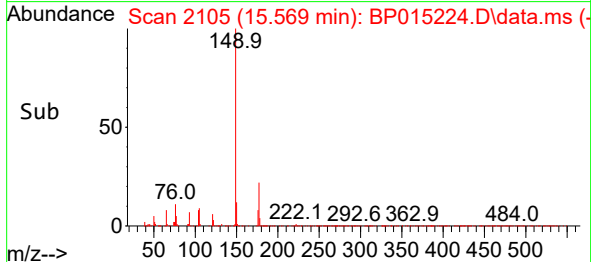
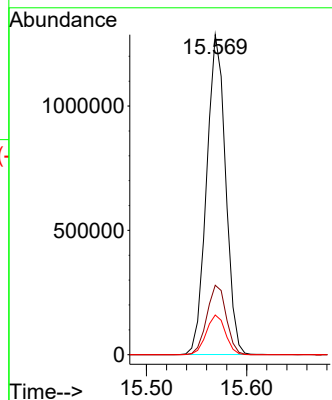
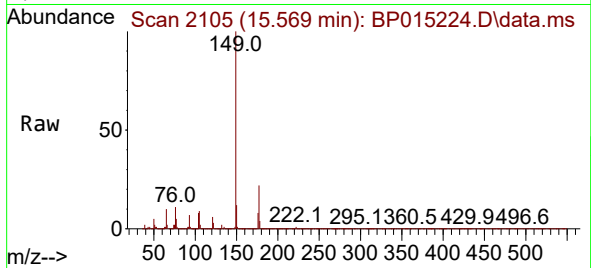




#59
Diethylphthalate
Concen: 35.244 ng/ul
RT: 15.569 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

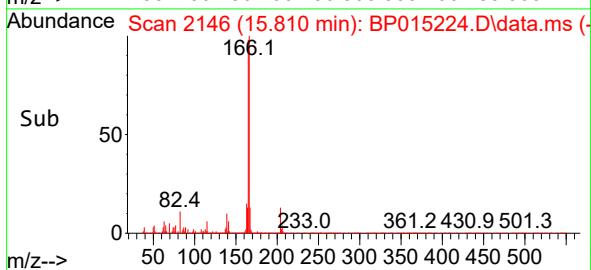
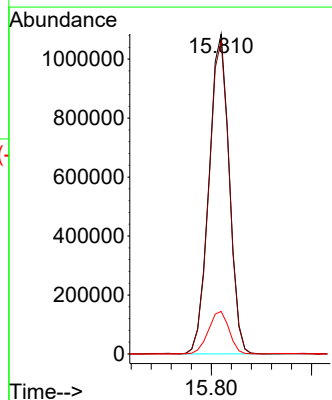
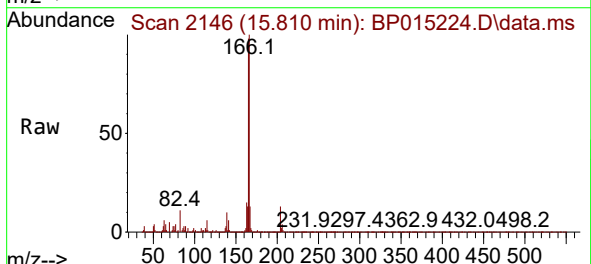
Instrument :
BNA_P
ClientSampleId :
SLCS889

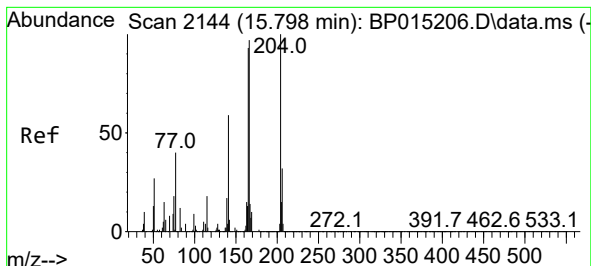
Tgt Ion:149 Resp: 1697273
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.4 9.8 14.8



#61
Fluorene
Concen: 33.796 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:166 Resp: 1526467
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.6
167 13.3 10.6 15.8

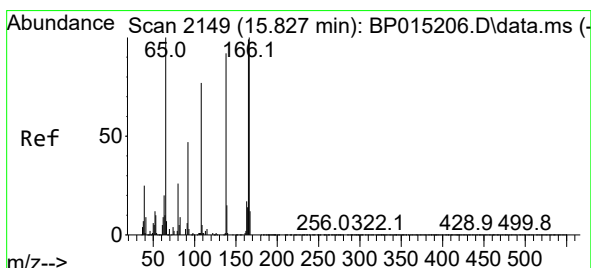
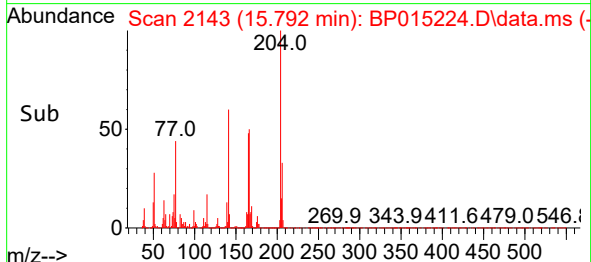
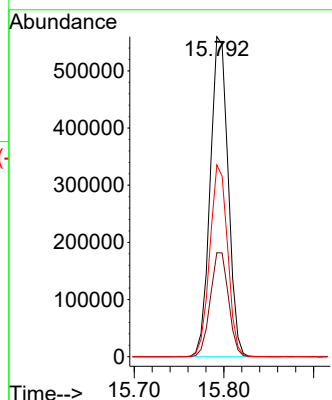
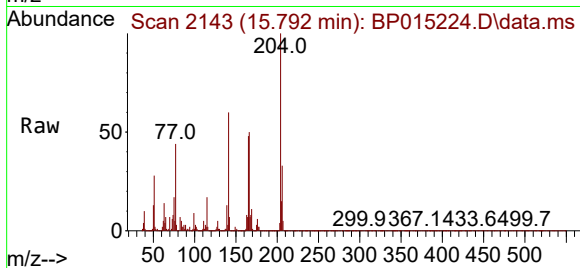




#62
4-Chlorophenyl-phenylether
Concen: 35.135 ng/ul
RT: 15.792 min Scan# 2143
Delta R.T. -0.012 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

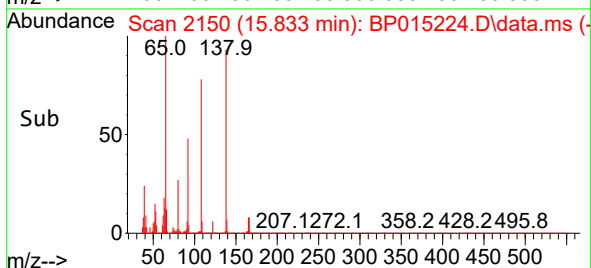
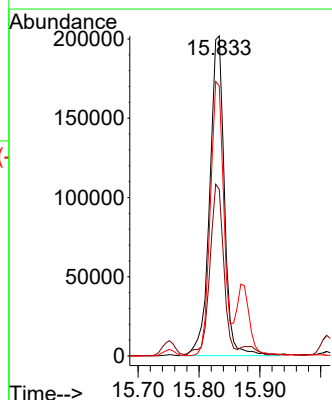
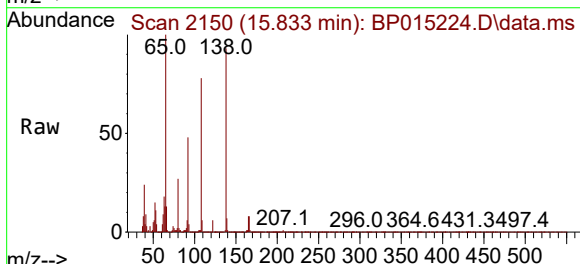
Instrument :
BNA_P
ClientSampleId :
SLCS889

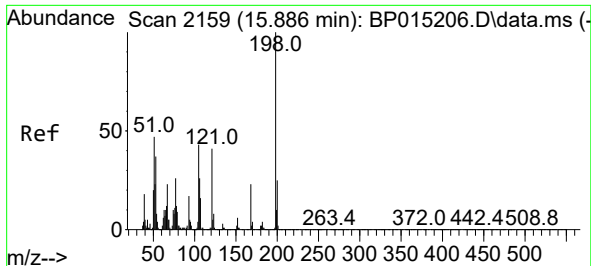
Tgt Ion:204 Resp: 775408
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 59.9 44.5 66.7



#63
4-Nitroaniline
Concen: 45.481 ng/ul
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:138 Resp: 338298
Ion Ratio Lower Upper
138 100
92 52.0 41.2 61.8
108 84.4 60.1 90.1

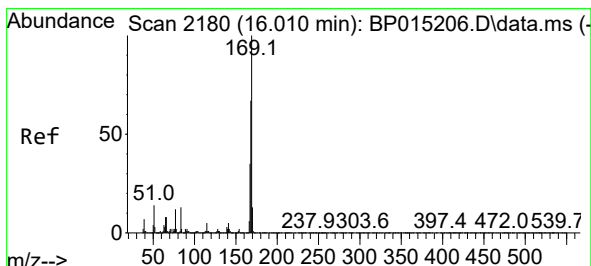
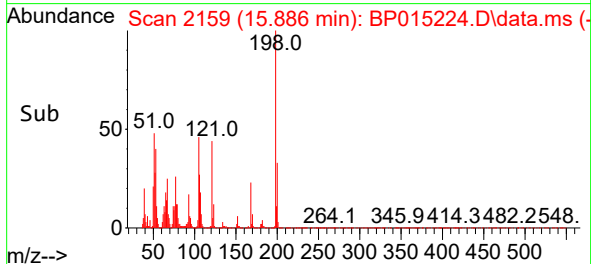
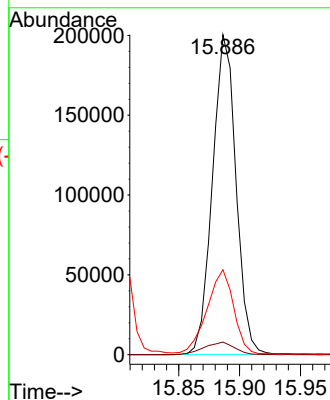
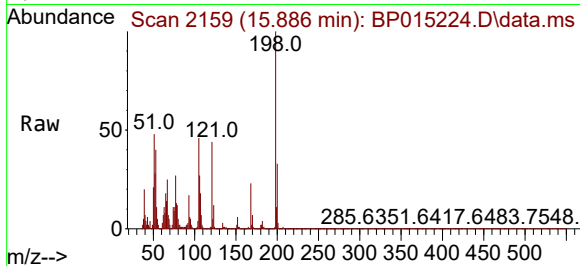




#66
4,6-Dinitro-2-methylphenol
Concen: 31.159 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

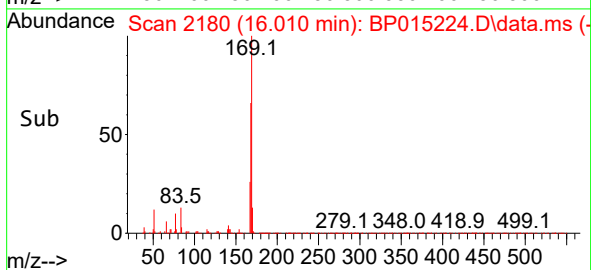
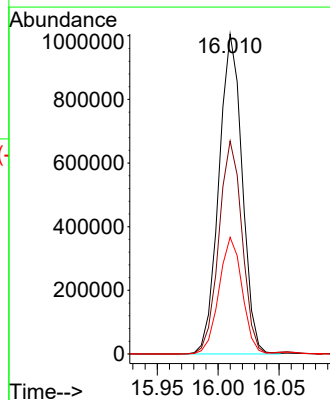
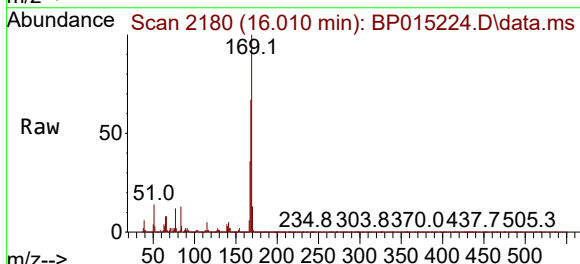
Instrument :
BNA_P
ClientSampleId :
SLCS889

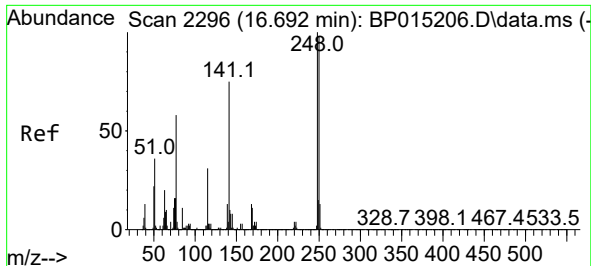
Tgt Ion:198 Resp: 268878
Ion Ratio Lower Upper
198 100
182 3.9 3.7 5.5
77 26.5 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 34.300 ng/ul
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:169 Resp: 1338102
Ion Ratio Lower Upper
169 100
168 66.6 53.5 80.3
167 36.4 28.9 43.3

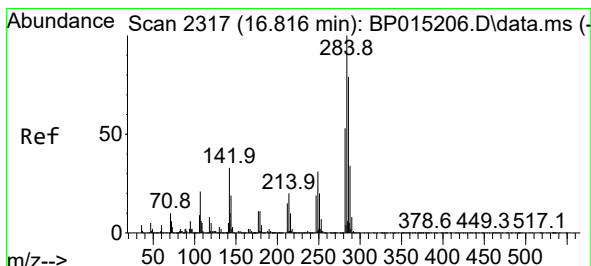
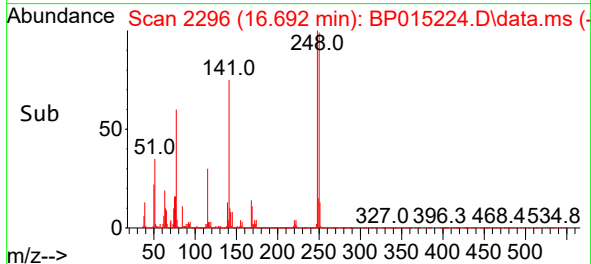
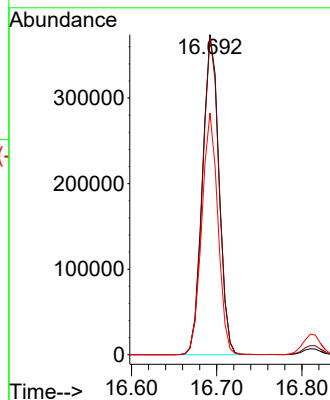
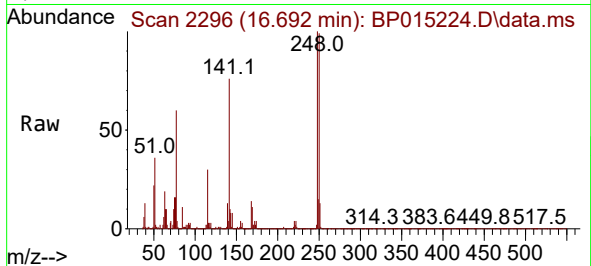




#68
4-Bromophenyl-phenylether
Concen: 36.953 ng/ul
RT: 16.692 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

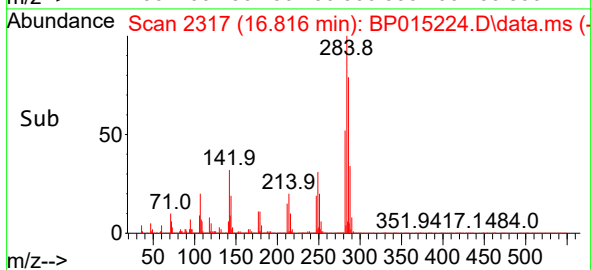
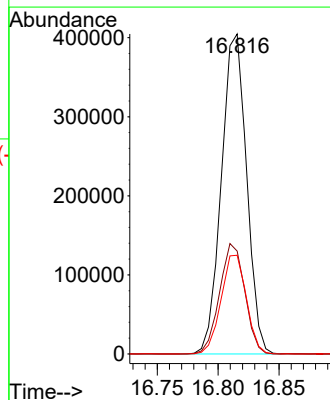
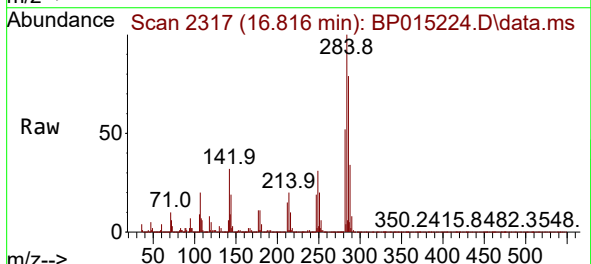
Instrument :
BNA_P
ClientSampleId :
SLCS889

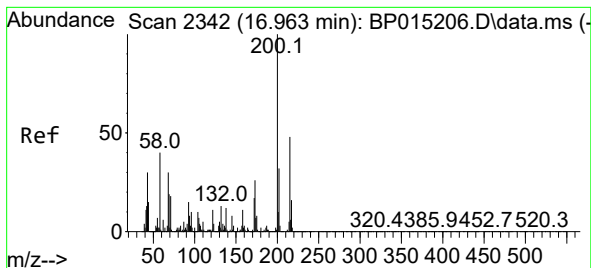
Tgt Ion:248 Resp: 504975
Ion Ratio Lower Upper
248 100
250 99.4 79.0 118.4
141 75.5 58.6 87.8



#69
Hexachlorobenzene
Concen: 36.127 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:284 Resp: 583413
Ion Ratio Lower Upper
284 100
142 32.2 27.3 40.9
249 30.8 24.6 36.8





#70

Atrazine

Concen: 18.930 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

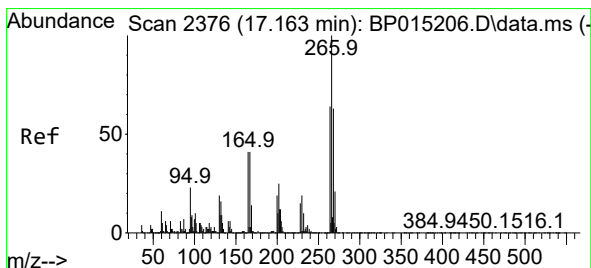
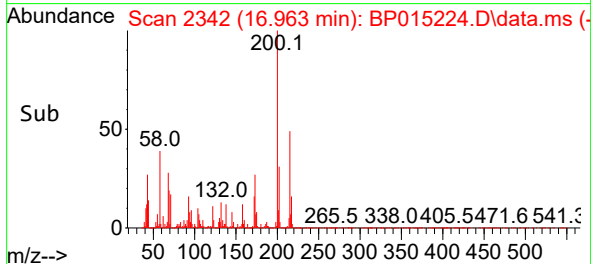
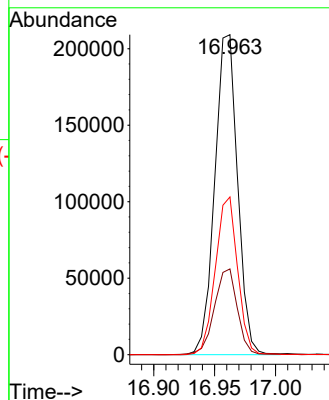
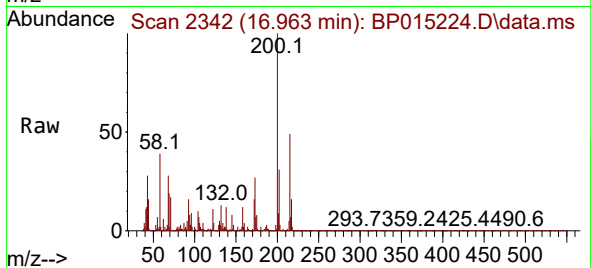
Tgt Ion:200 Resp: 272959

Ion Ratio Lower Upper

200 100

173 26.8 21.4 32.2

215 49.3 38.1 57.1



#71

Pentachlorophenol

Concen: 30.201 ng/ul

RT: 17.157 min Scan# 2375

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

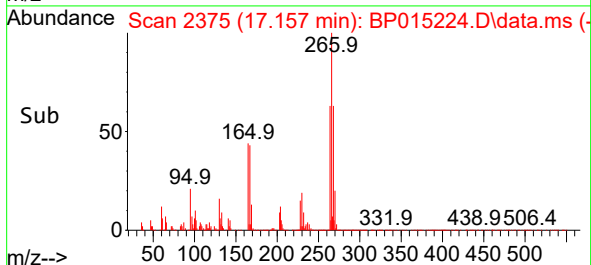
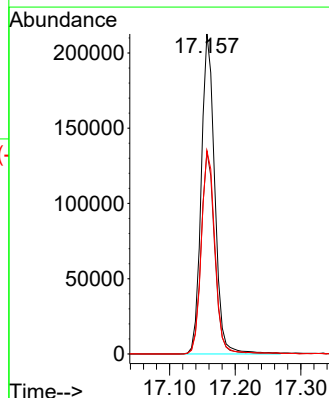
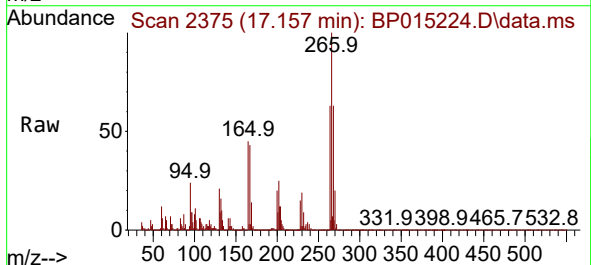
Tgt Ion:266 Resp: 305074

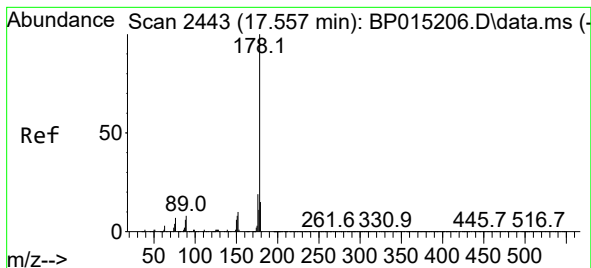
Ion Ratio Lower Upper

266 100

264 63.2 51.0 76.4

268 63.5 51.8 77.6





#72

Phenanthrene

Concen: 34.184 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

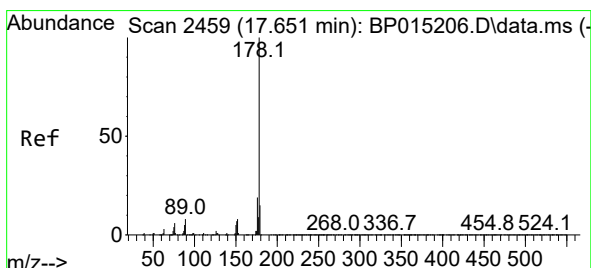
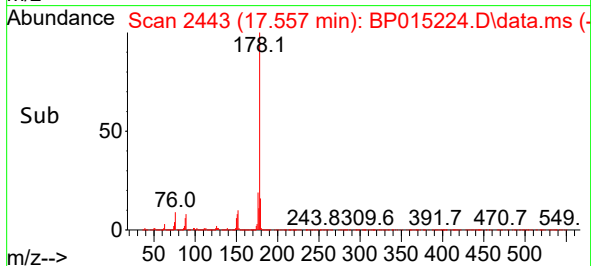
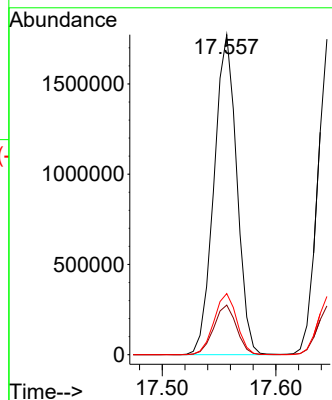
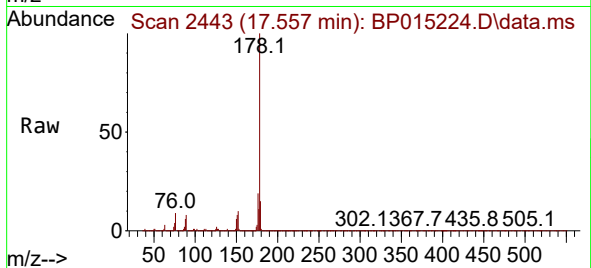
Tgt Ion:178 Resp: 2469627

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.1 15.6 23.4



#74

Anthracene

Concen: 33.137 ng/ul

RT: 17.645 min Scan# 2458

Delta R.T. -0.012 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

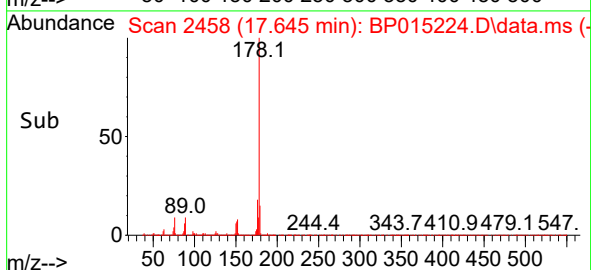
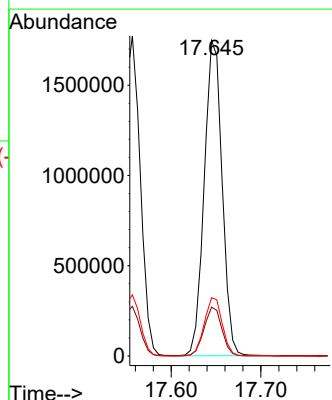
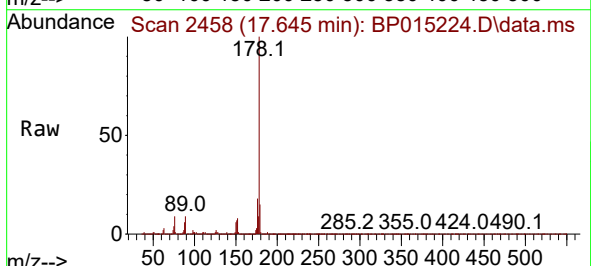
Tgt Ion:178 Resp: 2420841

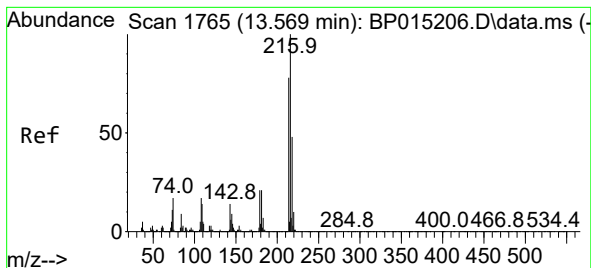
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.4 15.2 22.8

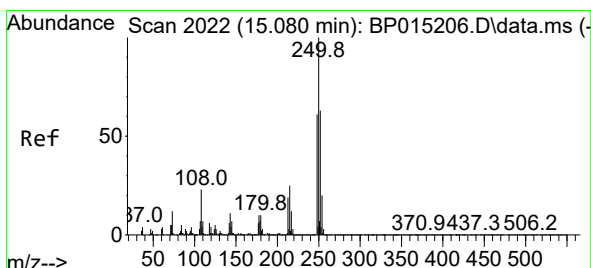
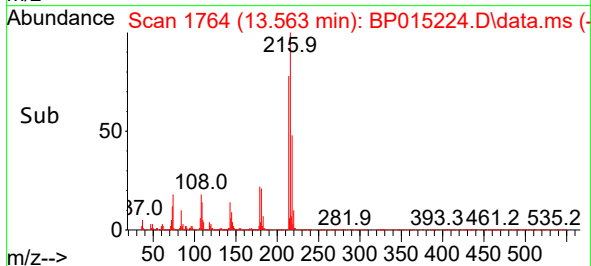
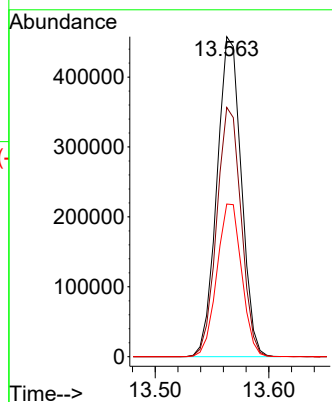
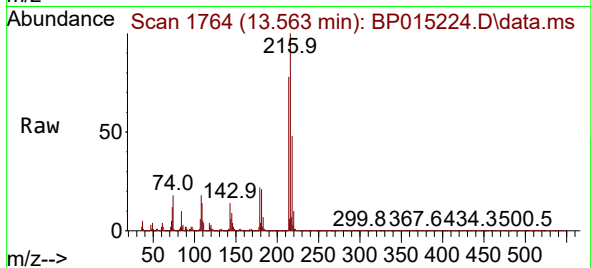




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.342 ng/uL
RT: 13.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

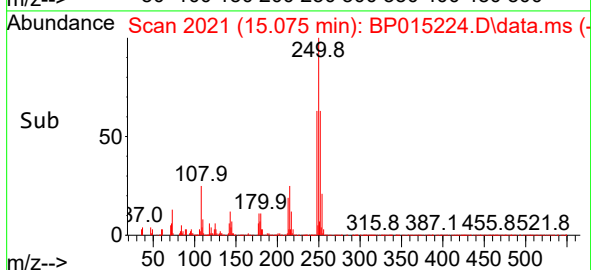
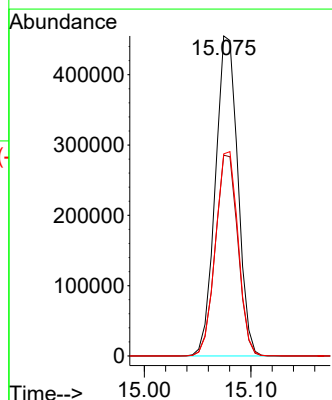
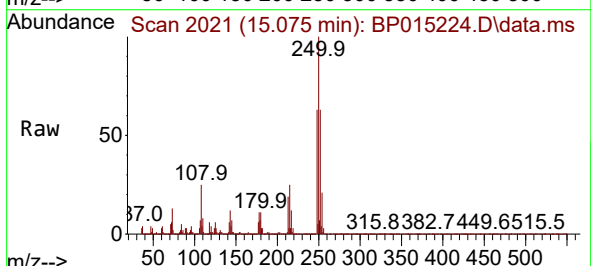
Instrument :
BNA_P
ClientSampleId :
SLCS889

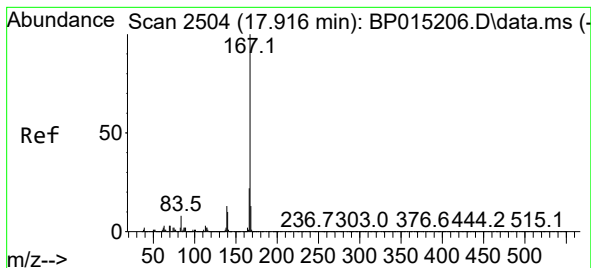
Tgt Ion:216 Resp: 683623
Ion Ratio Lower Upper
216 100
214 77.9 62.2 93.4
218 47.7 38.2 57.2



#76
Pentachlorobenzene
Concen: 35.194 ng/uL
RT: 15.075 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:250 Resp: 664740
Ion Ratio Lower Upper
250 100
248 62.8 49.8 74.6
252 63.2 51.6 77.4





#77

Carbazole

Concen: 33.704 ng/ul

RT: 17.910 min Scan# 2159130

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

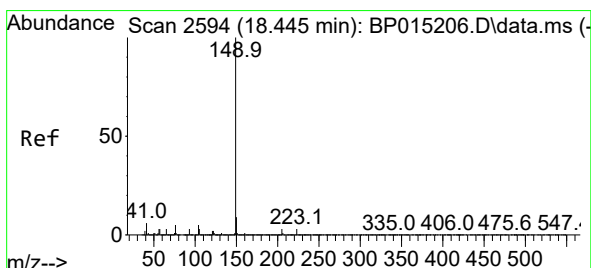
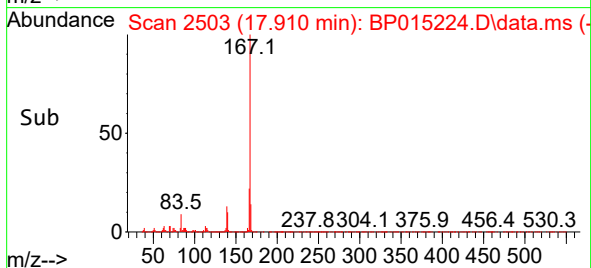
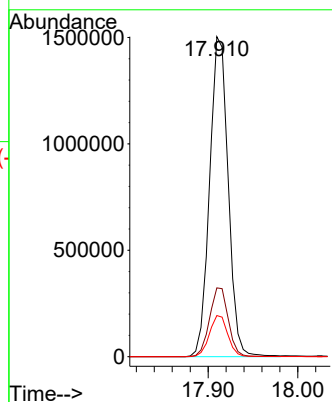
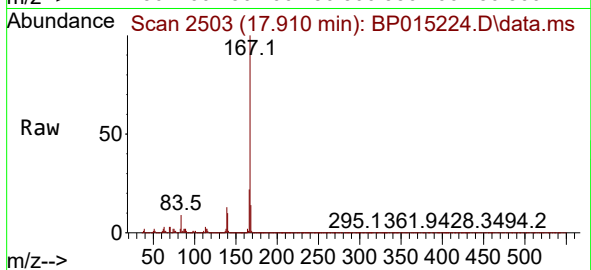
Tgt Ion:167 Resp: 2159130

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 12.8 10.2 15.4



#78

Di-n-butylphthalate

Concen: 35.576 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

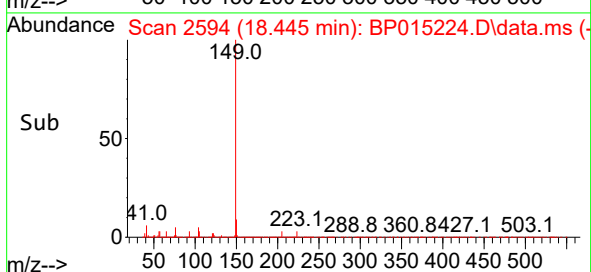
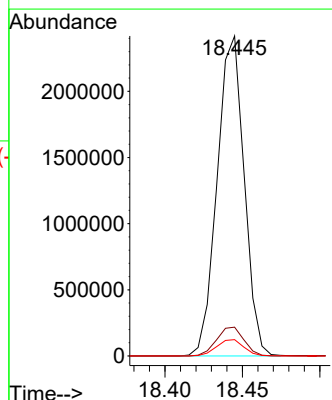
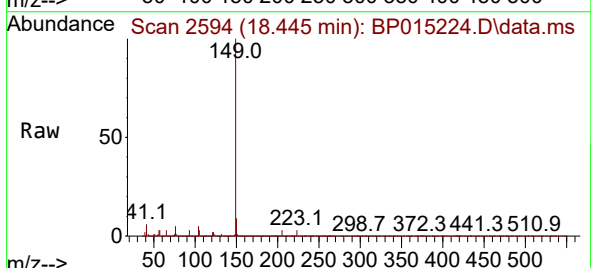
Tgt Ion:149 Resp: 2934922

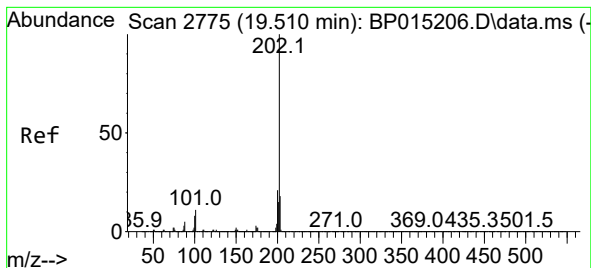
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 42.226 ng/ul

RT: 19.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

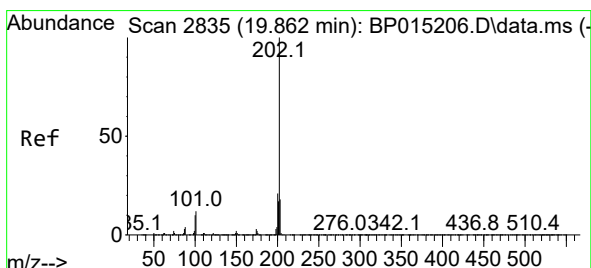
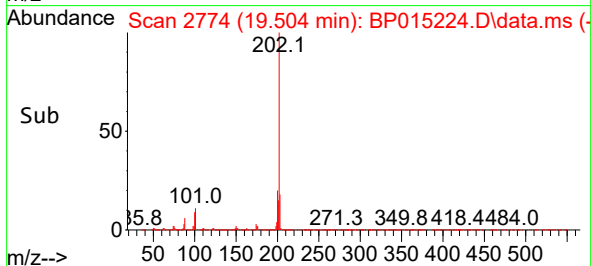
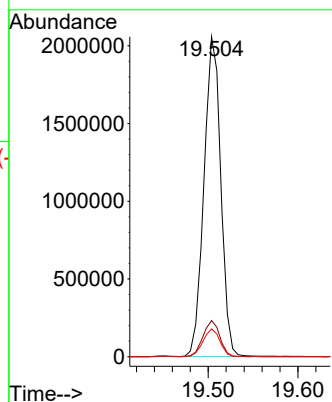
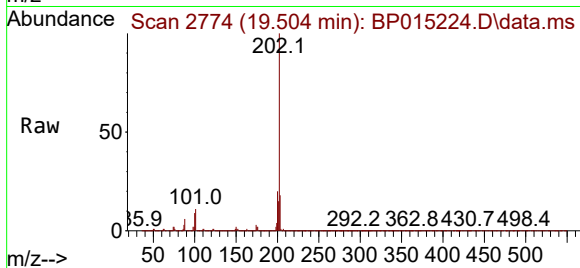
Tgt Ion:202 Resp: 2678019

Ion Ratio Lower Upper

202 100

101 11.3 9.5 14.3

100 8.7 7.3 10.9



#82

Pyrene

Concen: 40.646 ng/ul

RT: 19.857 min Scan# 2834

Delta R.T. -0.012 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

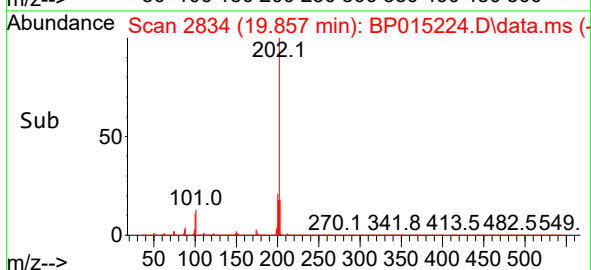
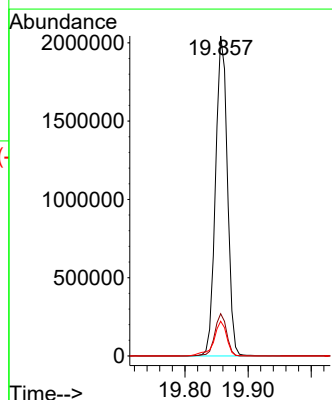
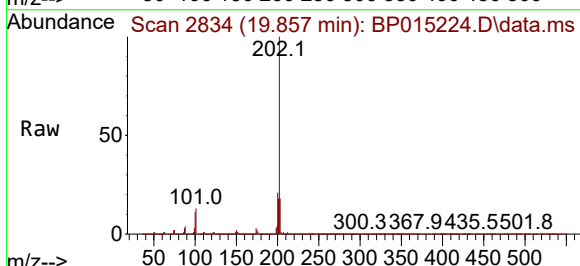
Tgt Ion:202 Resp: 2662073

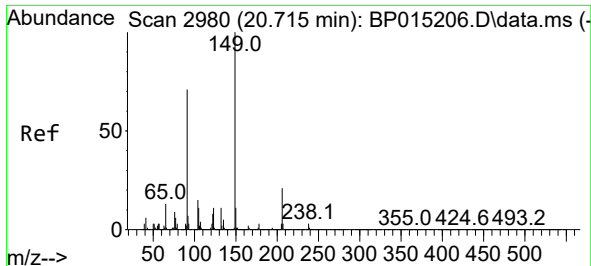
Ion Ratio Lower Upper

202 100

101 13.2 11.2 16.8

100 10.9 9.0 13.6

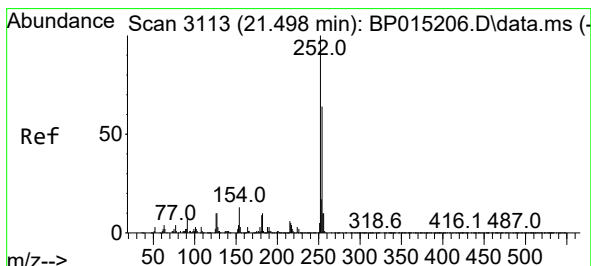
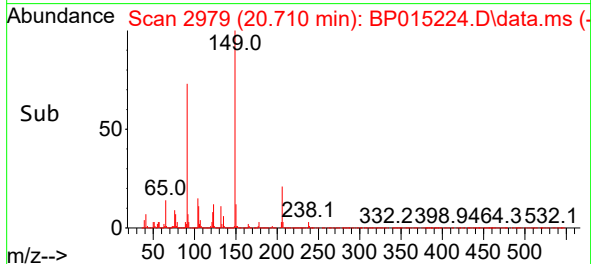
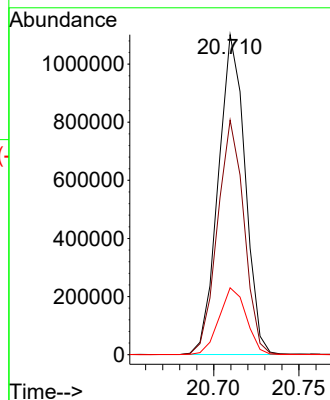
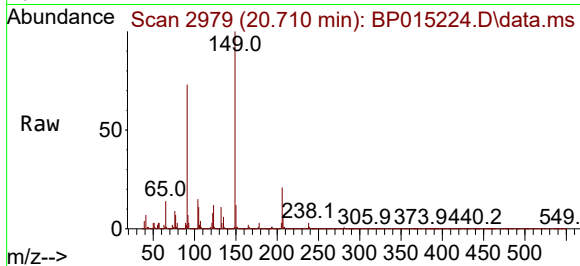




#83
Butylbenzylphthalate
Concen: 41.536 ng/ul
RT: 20.710 min Scan# 2980
Delta R.T. -0.012 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

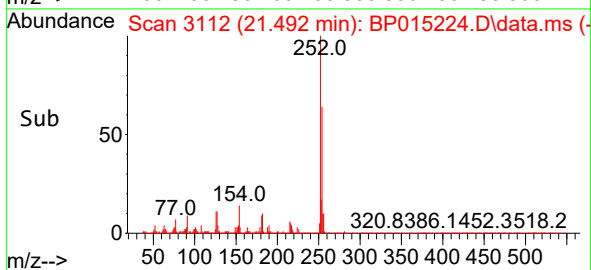
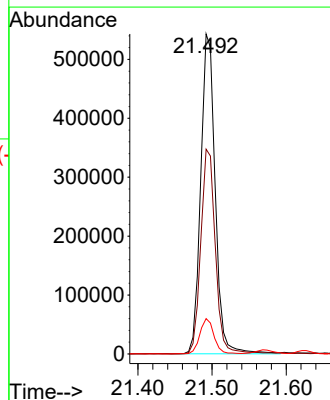
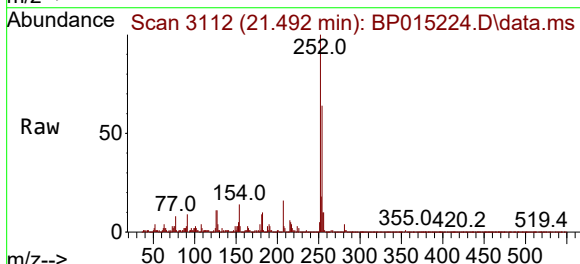
Instrument :
BNA_P
ClientSampleId :
SLCS889

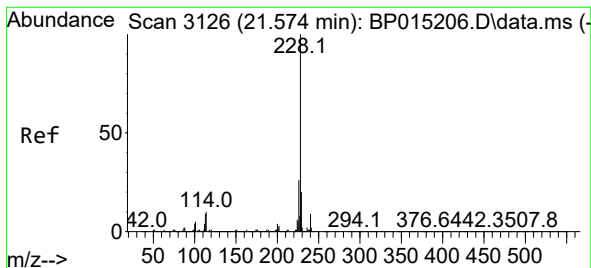
Tgt Ion:149 Resp: 1205975
Ion Ratio Lower Upper
149 100
91 73.3 57.4 86.2
206 20.9 16.6 25.0



#84
3,3'-Dichlorobenzidine
Concen: 37.376 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:252 Resp: 736464
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 11.1 9.8 14.8





#85

Benzo(a)anthracene

Concen: 35.745 ng/ul

RT: 21.568 min Scan# 3126

Delta R.T. -0.012 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

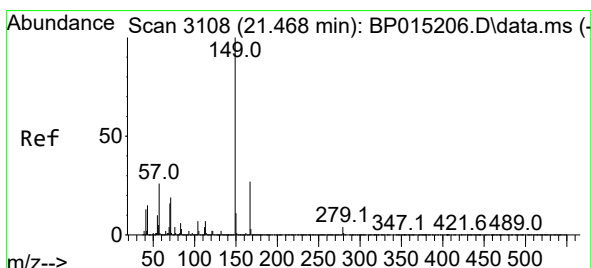
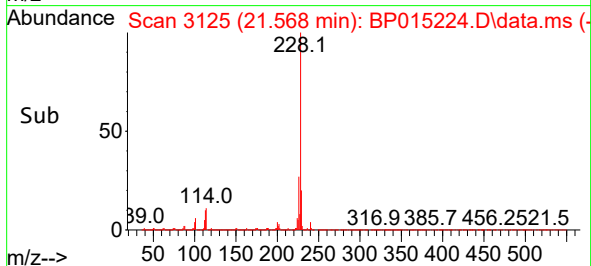
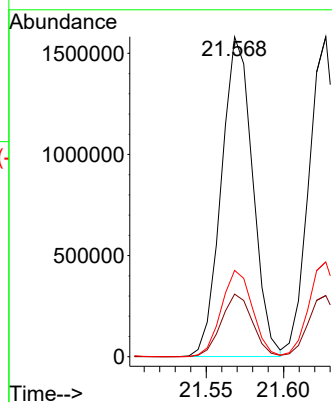
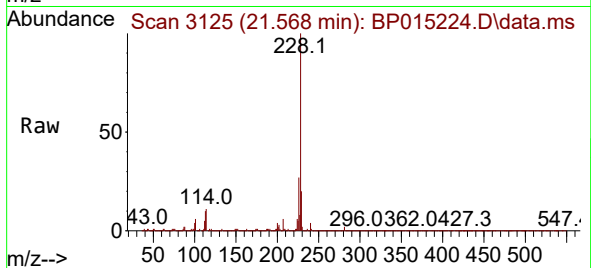
Tgt Ion:228 Resp: 2217449

Ion Ratio Lower Upper

228 100

229 19.6 16.1 24.1

226 27.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.353 ng/ul

RT: 21.468 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

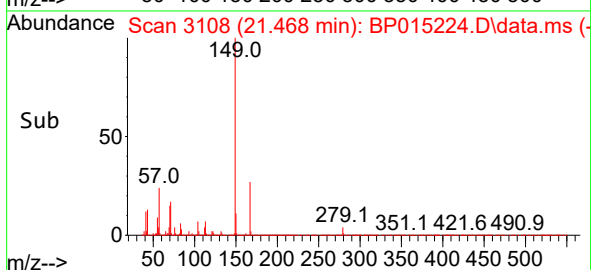
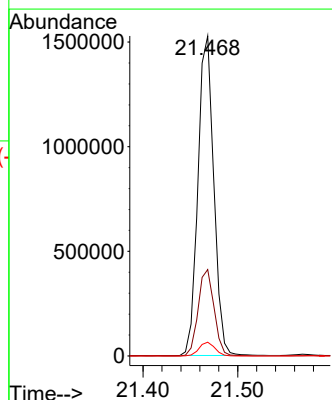
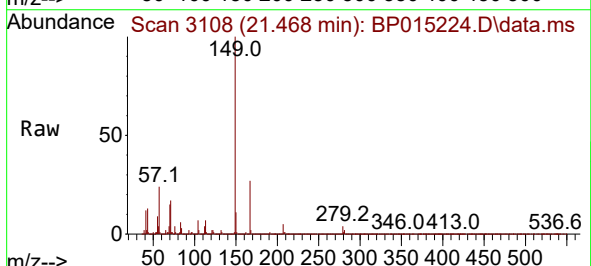
Tgt Ion:149 Resp: 1770406

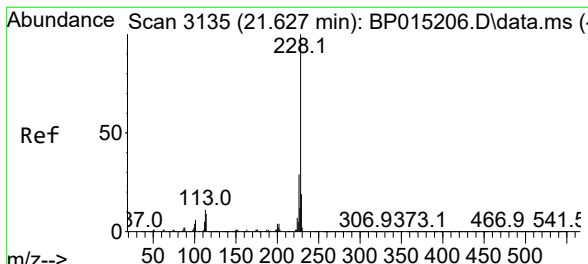
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 4.3 3.2 4.8





#87

Chrysene

Concen: 35.149 ng/ul

RT: 21.627 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

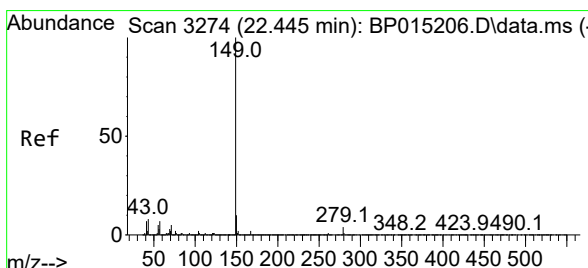
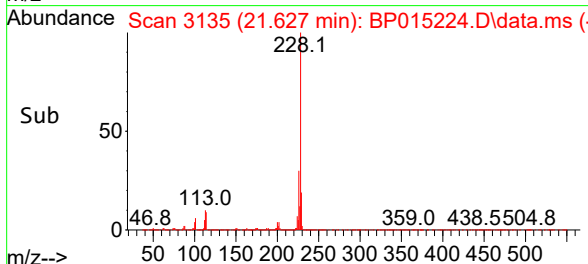
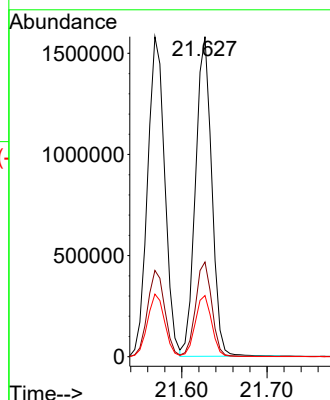
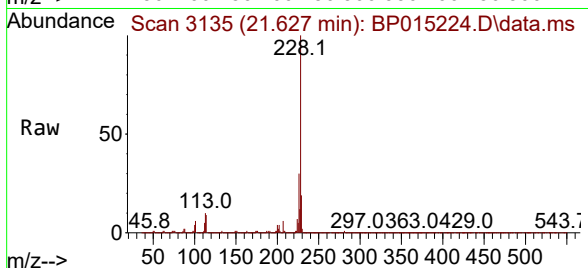
Tgt Ion:228 Resp: 2084359

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

229 19.1 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 43.622 ng/ul

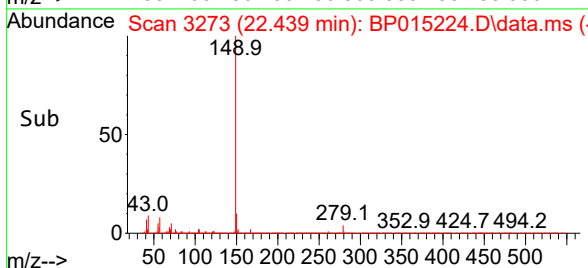
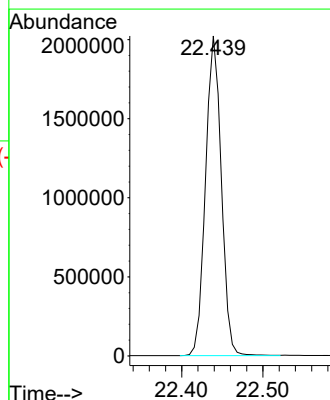
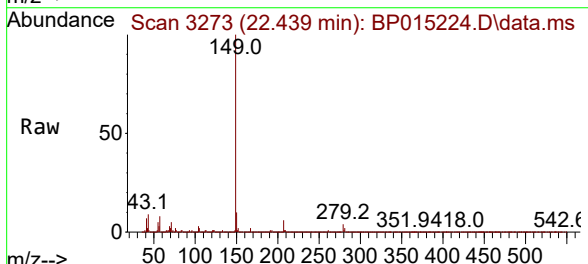
RT: 22.439 min Scan# 3273

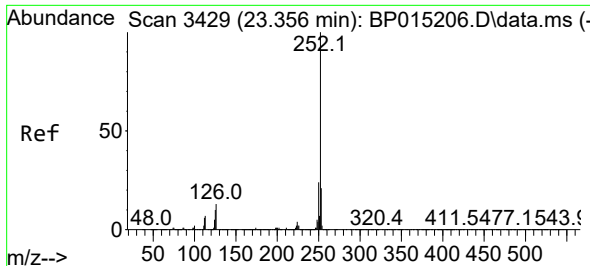
Delta R.T. -0.012 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Tgt Ion:149 Resp: 2716839

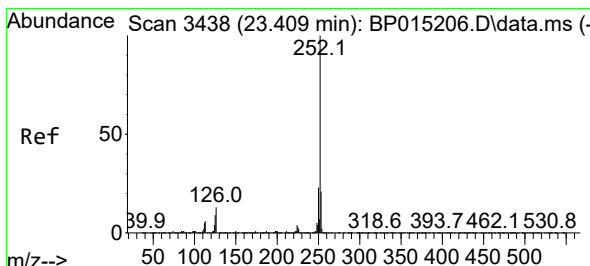
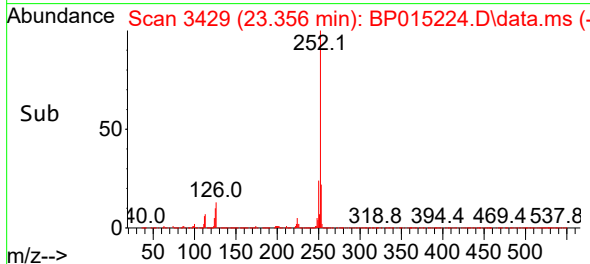
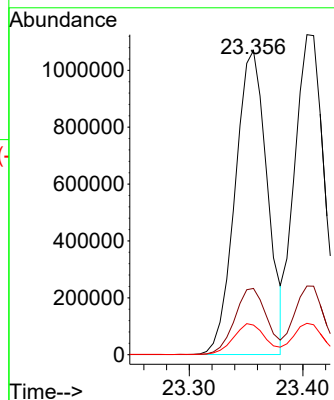
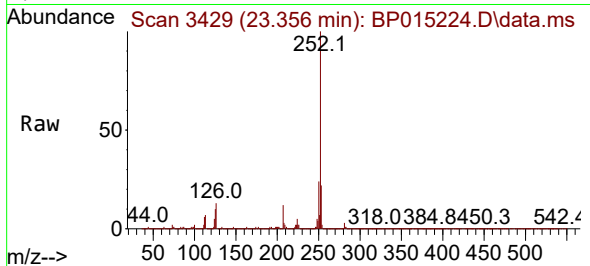




#90
Benzo(b)fluoranthene
Concen: 36.474 ng/ul
RT: 23.356 min Scan# 3429
Delta R.T. -0.012 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

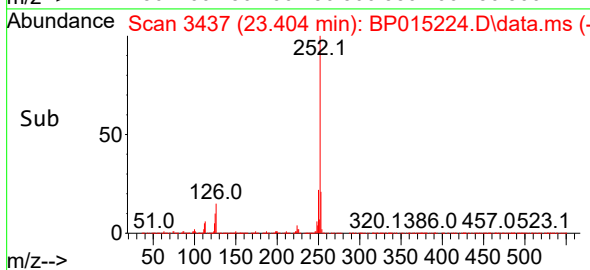
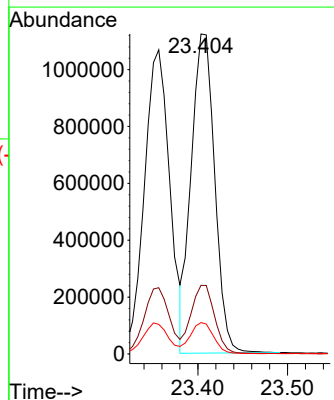
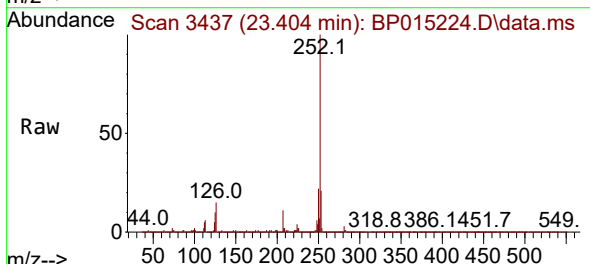
Instrument :
BNA_P
ClientSampleId :
SLCS889

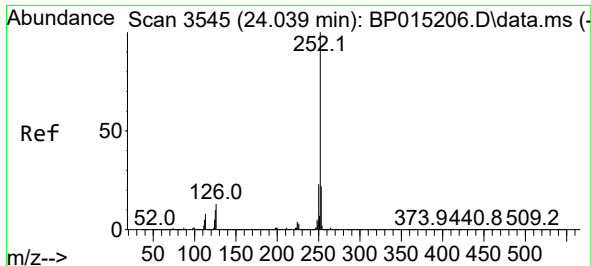
Tgt Ion:252 Resp: 2102710
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.8 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 36.905 ng/ul
RT: 23.404 min Scan# 3437
Delta R.T. -0.018 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:252 Resp: 2042961
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.8 8.5 12.7

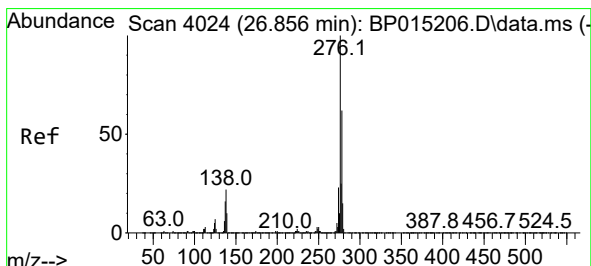
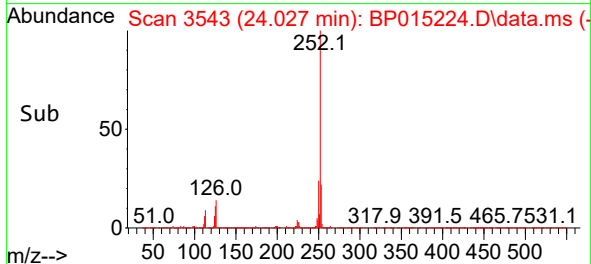
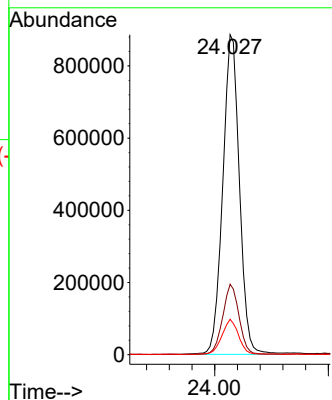
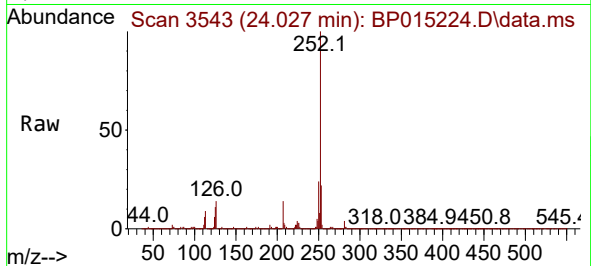




#93
Benzo(a)pyrene
Concen: 35.471 ng/ul
RT: 24.027 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

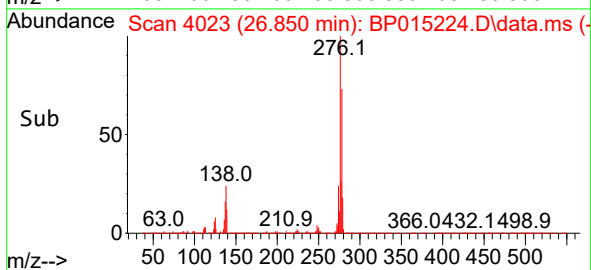
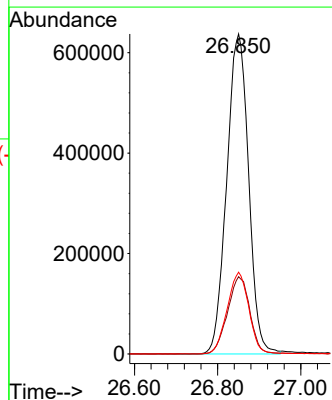
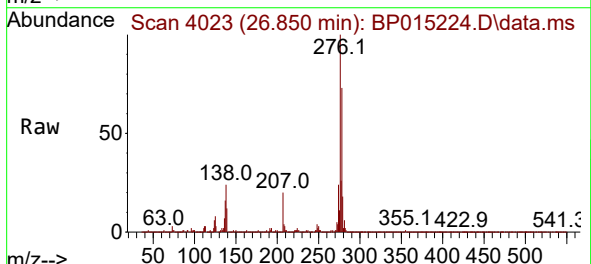
Instrument :
BNA_P
ClientSampleId :
SLCS889

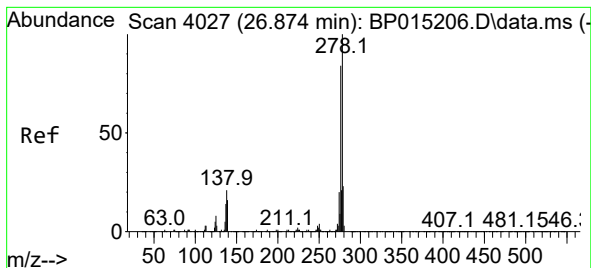
Tgt Ion:252 Resp: 1807472
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.0 9.1 13.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 35.227 ng/ul
RT: 26.850 min Scan# 4023
Delta R.T. -0.018 min
Lab File: BP015224.D
Acq: 22 May 2023 20:05

Tgt Ion:276 Resp: 2324226
Ion Ratio Lower Upper
276 100
138 24.2 20.1 30.1
277 25.6 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 35.362 ng/ul

RT: 26.868 min Scan# 4027

Delta R.T. -0.018 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Instrument :

BNA_P

ClientSampleId :

SLCS889

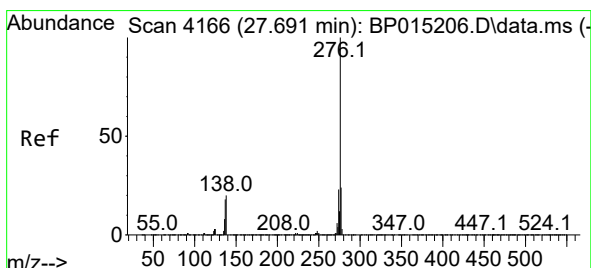
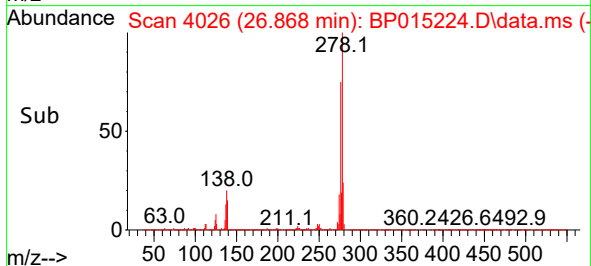
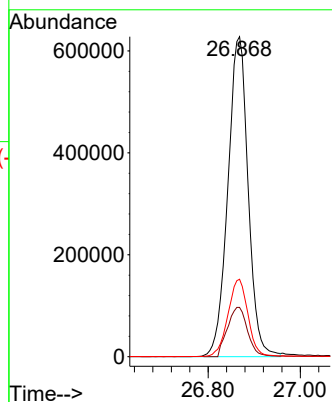
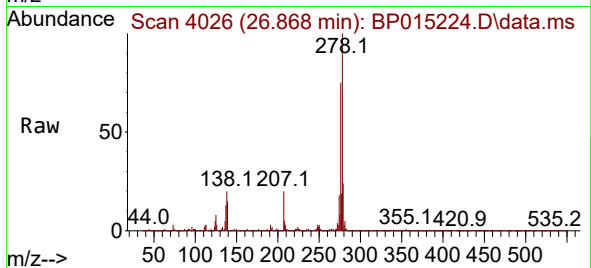
Tgt Ion:278 Resp: 1915241

Ion Ratio Lower Upper

278 100

139 15.4 13.3 19.9

279 24.2 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 35.728 ng/ul

RT: 27.686 min Scan# 4165

Delta R.T. -0.018 min

Lab File: BP015224.D

Acq: 22 May 2023 20:05

Tgt Ion:276 Resp: 1922259

Ion Ratio Lower Upper

276 100

138 20.4 17.7 26.5

277 23.9 18.8 28.2

