

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015268.D
 Acq On : 24 May 2023 09:54
 Operator : CG/JU
 Sample : PB152975BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS975

Quant Time: May 24 17:43:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	213058	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	925193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	575975	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1258385	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	877322	20.000	ng/u1	0.01
88) Perylene-d12	24.157	264	924327	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	38808	7.077	ng/uL	0.00
4) Pyridine-d5	3.864	84	333379	21.448	ng/u1	0.00
7) Phenol-d5	7.269	99	713311	36.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	432005	37.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	566283	38.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	599743	38.047	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	289532	39.825	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	331369	40.964	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	603955	41.375	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	388908	18.007	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1780625	40.911	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	2006849	40.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	298638	35.336	ng/u1	0.00
60) Fluorene-d10	15.757	176	1479501	40.285	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	286391	36.113	ng/u1	0.00
73) Anthracene-d10	17.616	188	2180876	37.848	ng/u1	0.00
81) Pyrene-d10	19.833	212	2341102	46.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1863895	40.621	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	79764	13.537	ng/uL	93
5) Pyridine	3.881	79	468512	28.982	ng/u1	95
6) Benzaldehyde	7.246	77	425710	78.295	ng/u1	99
8) Phenol	7.299	94	741428	36.551	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.534	93	579264	35.693	ng/u1	99
12) 2-Chlorophenol	7.675	128	562654	36.573	ng/u1	96
13) 2-Methylphenol	8.563	108	562386	35.872	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	745465	36.663	ng/u1	98
16) Acetophenone	8.957	105	889956	36.174	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.940	70	456647	35.392	ng/u1	95
18) 4-Methylphenol	8.899	108	613766	35.569	ng/u1	98
19) Hexachloroethane	9.210	117	226255	36.018	ng/u1	94
22) Nitrobenzene	9.340	77	702499	39.124	ng/u1	98
23) Isophorone	9.869	82	1330545	36.051	ng/u1	99
25) 2-Nitrophenol	10.057	139	339524	38.275	ng/u1#	92
26) 2,4-Dimethylphenol	10.110	107	676608	38.223	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.351	93	815957	36.336	ng/u1	97
29) 2,4-Dichlorophenol	10.593	162	581431	39.434	ng/u1	99
30) Naphthalene	10.998	128	1818857	36.161	ng/u1	99
32) 4-Chloroaniline	11.110	127	610553	27.505	ng/u1	100
33) Hexachlorobutadiene	11.281	225	361268	40.653	ng/u1	98
34) Caprolactam	11.898	113	128034	23.032	ng/u1	91
35) 4-Chloro-3-methylphenol	12.222	107	649984	39.041	ng/u1	97
36) 2-Methylnaphthalene	12.598	142	1255078	37.033	ng/u1	99

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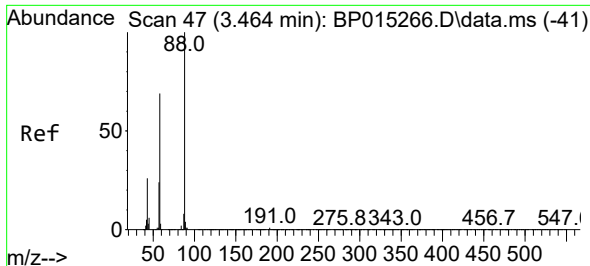
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1259144	36.996	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	706758	41.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	324193	29.047	ng/ul	100
41) 2,4,6-Trichlorophenol	13.198	196	479058	39.383	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	526449	39.916	ng/ul	100
43) 1,1'-Biphenyl	13.598	154	1703233	38.113	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1349816	38.677	ng/ul	99
45) 2-Nitroaniline	13.851	65	421514	42.212	ng/ul	93
47) Dimethylphthalate	14.216	163	1723168	38.016	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	372584	41.490	ng/ul	98
50) Acenaphthylene	14.487	152	2057055	37.036	ng/ul	100
51) 3-Nitroaniline	14.669	138	360837	44.624	ng/ul	97
52) Acenaphthene	14.828	153	1412279	37.229	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	181421	30.427	ng/ul	92
55) 4-Nitrophenol	14.975	109	250331	40.271	ng/ul	86
56) Dibenzofuran	15.163	168	1998146	37.870	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	514302	39.579	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.386	232	431248	38.744	ng/ul	97
59) Diethylphthalate	15.575	149	1742566	38.545	ng/ul	99
61) Fluorene	15.810	166	1573476	37.108	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	802836	38.751	ng/ul	97
63) 4-Nitroaniline	15.834	138	350698	50.223	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.892	198	280493	34.271	ng/ul#	98
67) N-Nitrosodiphenylamine	16.016	169	1358811	36.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	521534	40.237	ng/ul	99
69) Hexachlorobenzene	16.816	284	598768	39.091	ng/ul	98
70) Atrazine	16.963	200	338593	24.757	ng/ul	99
71) Pentachlorophenol	17.163	266	344987	36.007	ng/ul	99
72) Phenanthrene	17.563	178	2521502	36.797	ng/ul	100
74) Anthracene	17.651	178	2481640	35.814	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.563	216	722741	40.508	ng/uL	100
76) Pentachlorobenzene	15.081	250	690113	38.522	ng/uL	99
77) Carbazole	17.916	167	2155173	35.470	ng/ul	99
78) Di-n-butylphthalate	18.445	149	2975214	38.023	ng/ul	99
80) Fluoranthene	19.510	202	2775311	44.750	ng/ul	98
82) Pyrene	19.863	202	2762595	43.136	ng/ul	98
83) Butylbenzylphthalate	20.716	149	1238587	43.624	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	734317	38.110	ng/ul	98
85) Benzo(a)anthracene	21.580	228	2353836	38.802	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1821974	44.573	ng/ul	99
87) Chrysene	21.633	228	2194380	37.841	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2833729	44.763	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2258461	38.542	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	2179165	38.729	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1947389	37.599	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	2538954	37.859	ng/ul	98
95) Dibenzo(a,h)anthracene	26.886	278	2108125	38.294	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	2078012	37.998	ng/ul	98

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

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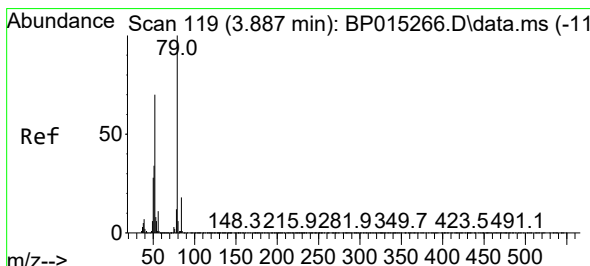
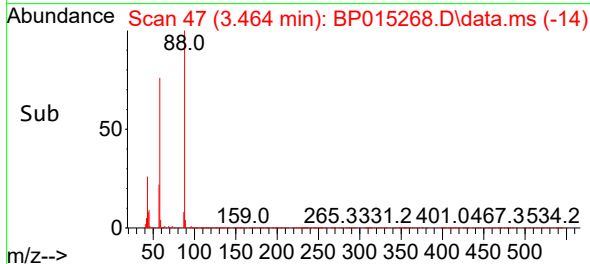
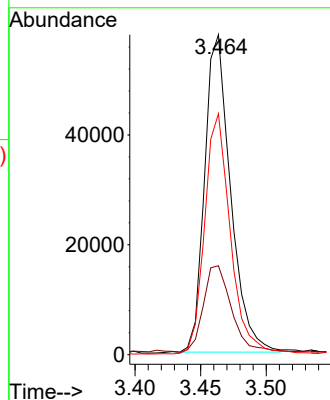
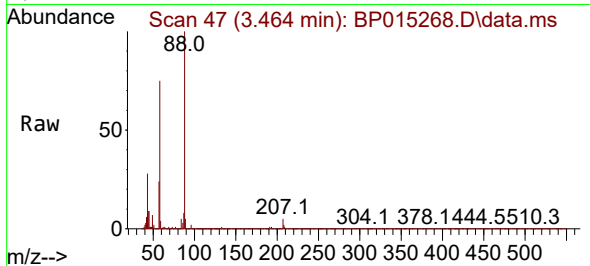




#2
1,4-Dioxane
Concen: 13.537 ng/uL
RT: 3.464 min Scan# 41
Delta R.T. -0.006 min
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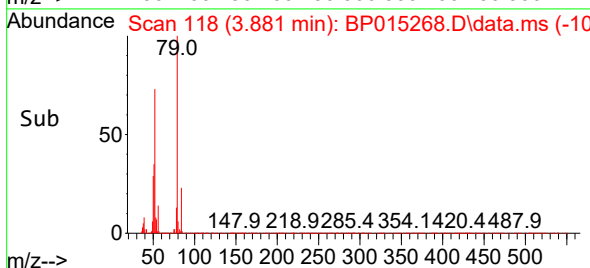
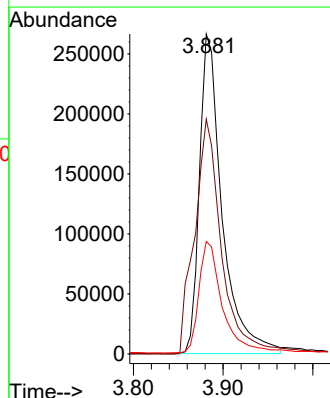
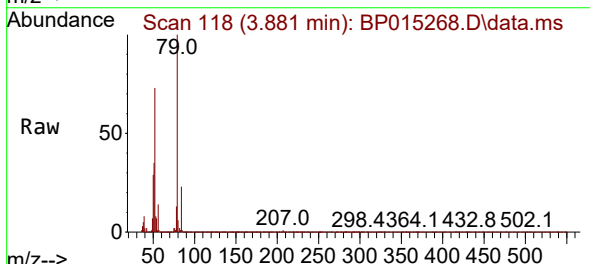
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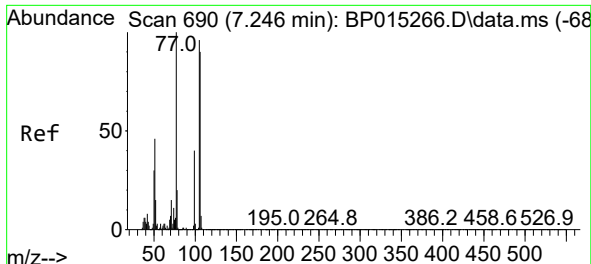
Tgt Ion: 88 Resp: 79764
Ion Ratio Lower Upper
88 100
43 27.8 20.4 30.6
58 75.3 55.4 83.2



#5
Pyridine
Concen: 28.982 ng/uL
RT: 3.881 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion: 79 Resp: 468512
Ion Ratio Lower Upper
79 100
52 73.4 55.4 83.2
51 35.1 25.4 38.2

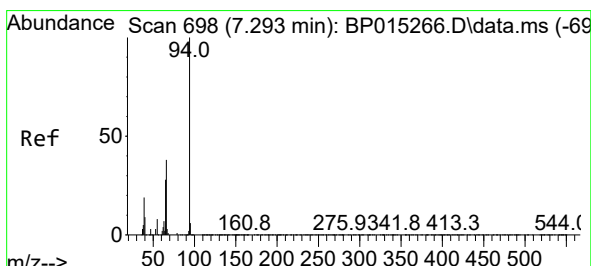
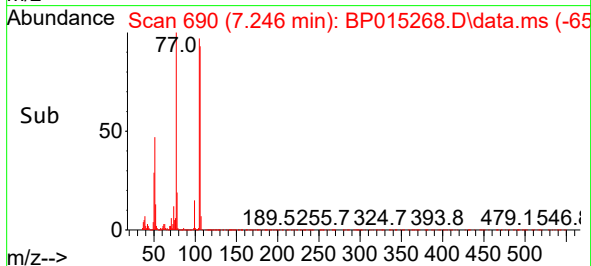
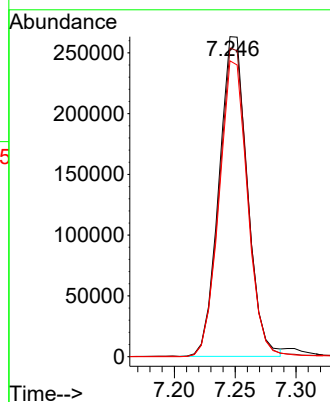
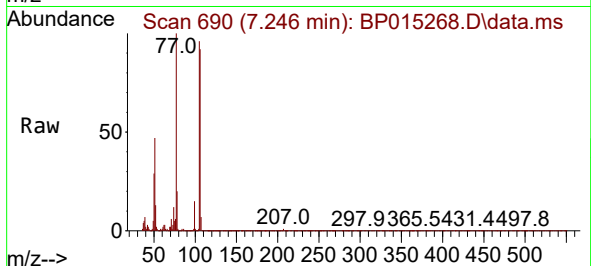




#6
Benzaldehyde
Concen: 78.295 ng/ul
RT: 7.246 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

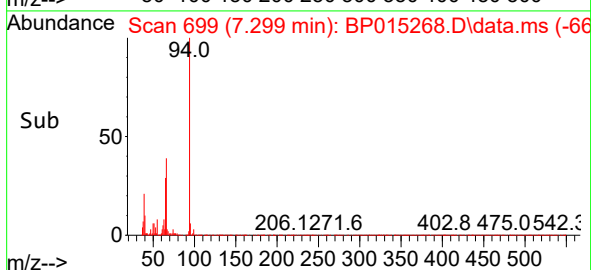
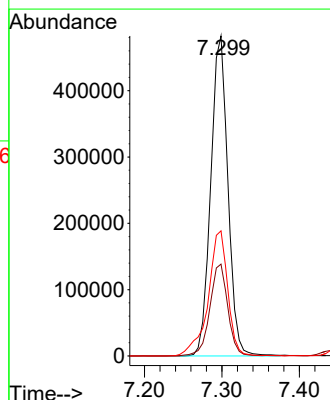
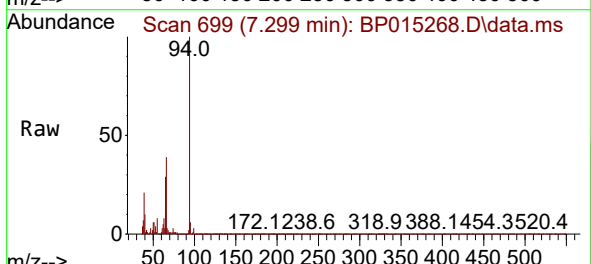
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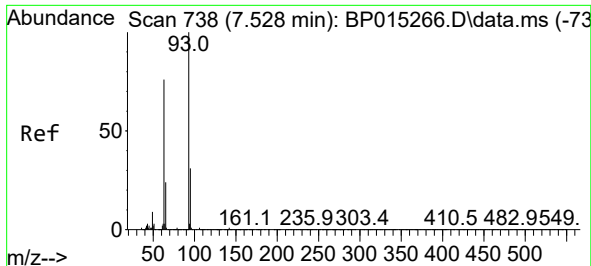
Tgt Ion: 77 Resp: 425710
Ion Ratio Lower Upper
77 100
105 96.5 76.9 115.3
106 92.5 75.0 112.6



#8
Phenol
Concen: 36.551 ng/ul
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion: 94 Resp: 741428
Ion Ratio Lower Upper
94 100
65 28.7 20.6 31.0
66 39.1 26.1 39.1

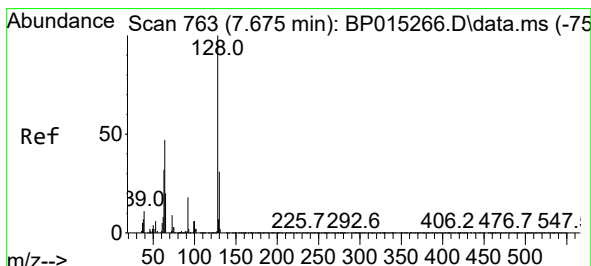
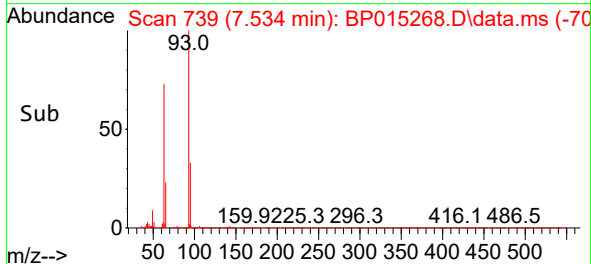
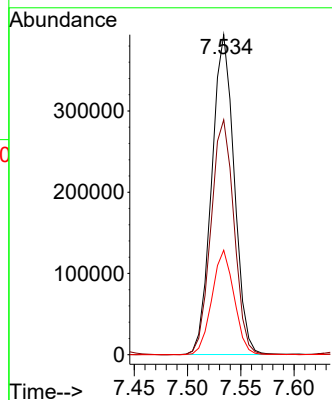
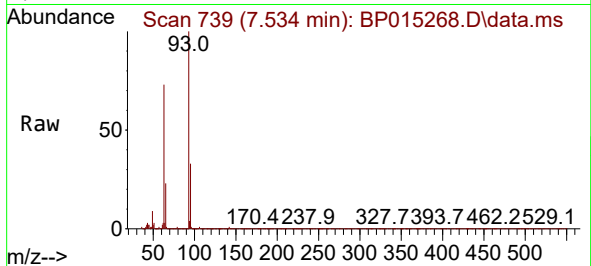




#10
Bis(2-Chloroethyl)ether
Concen: 35.693 ng/ul
RT: 7.534 min Scan# 739
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

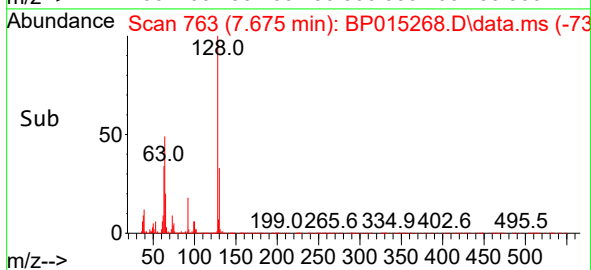
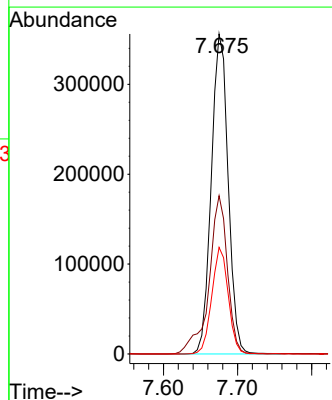
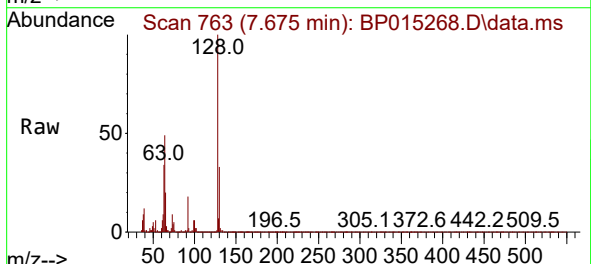
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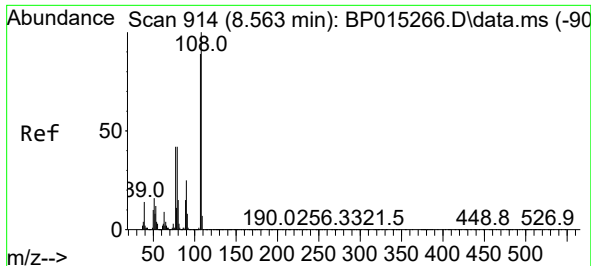
Tgt Ion: 93 Resp: 579264
Ion Ratio Lower Upper
93 100
63 73.4 58.0 87.0
95 32.6 26.4 39.6



#12
2-Chlorophenol
Concen: 36.573 ng/ul
RT: 7.675 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:128 Resp: 562654
Ion Ratio Lower Upper
128 100
64 49.5 36.2 54.2
130 33.3 26.3 39.5

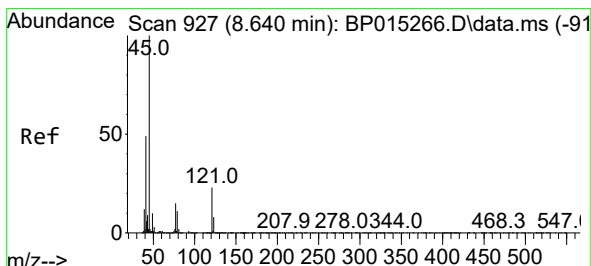
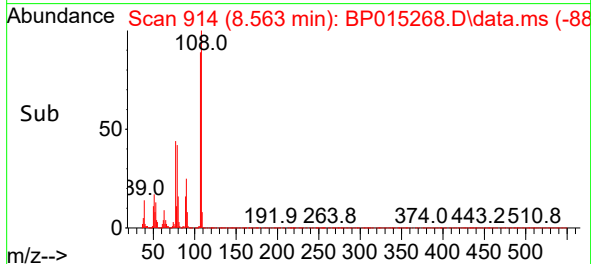
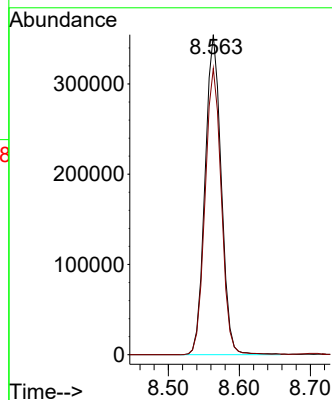
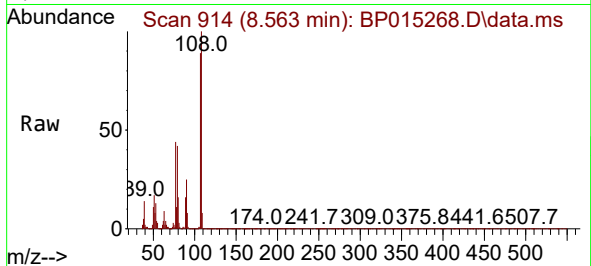




#13
2-Methylphenol
Concen: 35.872 ng/ul
RT: 8.563 min Scan# 914
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

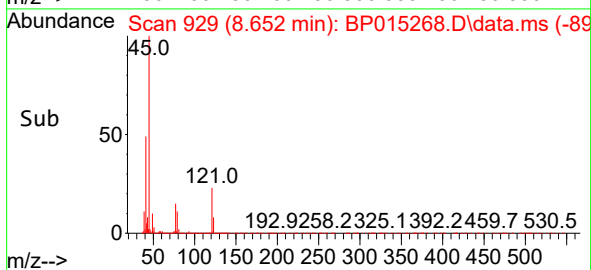
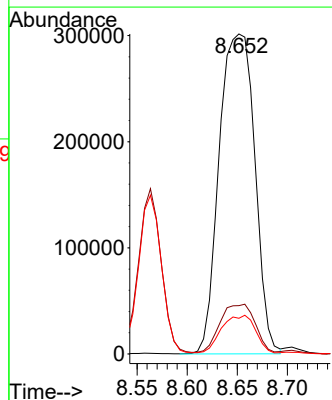
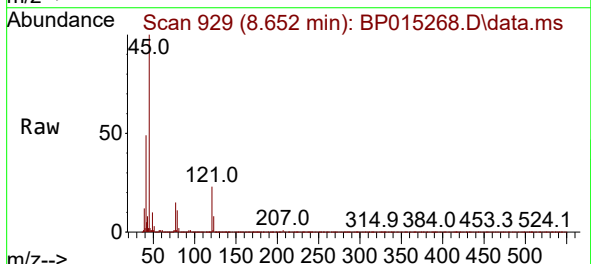
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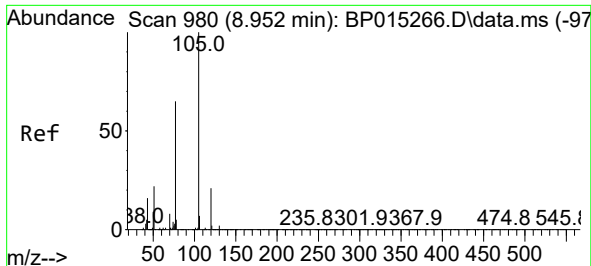
Tgt Ion:108 Resp: 562386
Ion Ratio Lower Upper
108 100
107 89.4 71.8 107.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.663 ng/ul
RT: 8.652 min Scan# 929
Delta R.T. -0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion: 45 Resp: 745465
Ion Ratio Lower Upper
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77 15.1 12.8 19.2
79 11.1 9.5 14.3

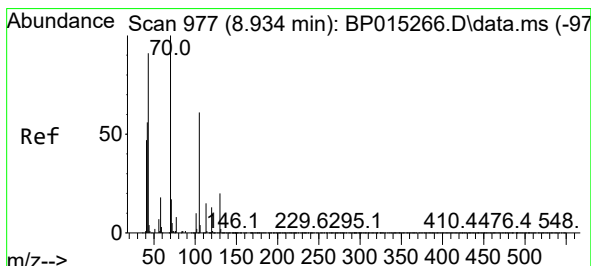
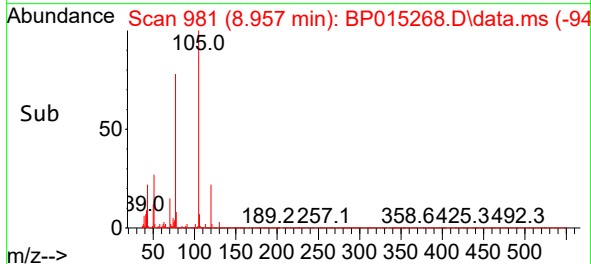
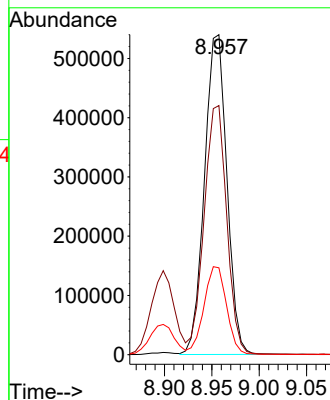
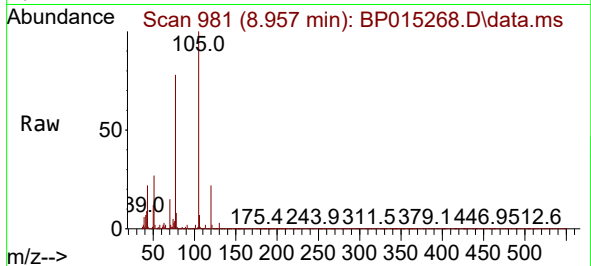




#16
Acetophenone
Concen: 36.174 ng/ul
RT: 8.957 min Scan# 91
Delta R.T. -0.000 min
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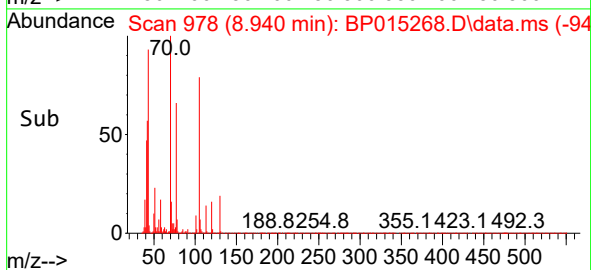
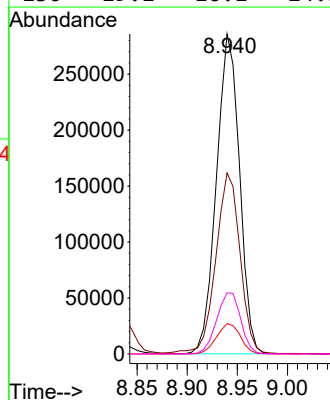
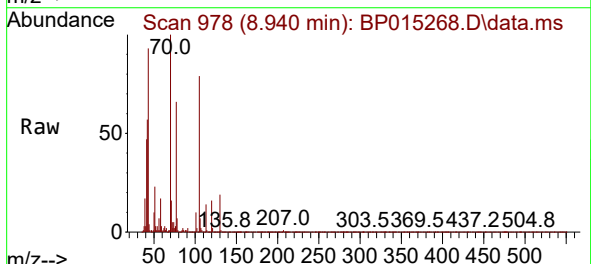
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ClientSampleId :
SLCS975

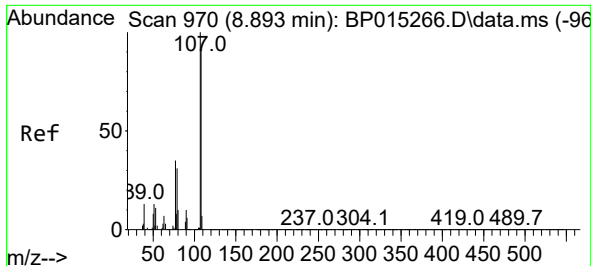
Tgt Ion:105 Resp: 889956
Ion Ratio Lower Upper
105 100
77 77.8 59.4 89.2
51 27.1 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 35.392 ng/ul
RT: 8.940 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion: 70 Resp: 456647
Ion Ratio Lower Upper
70 100
42 56.6 41.0 61.6
101 9.5 7.9 11.9
130 19.1 16.1 24.1

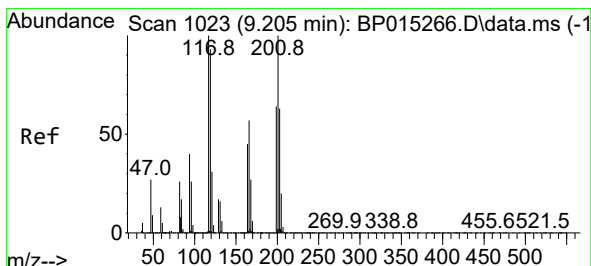
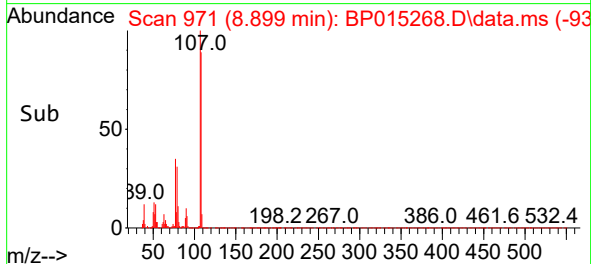
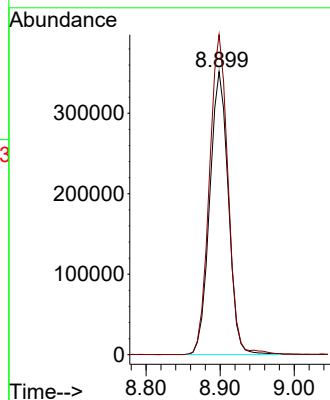
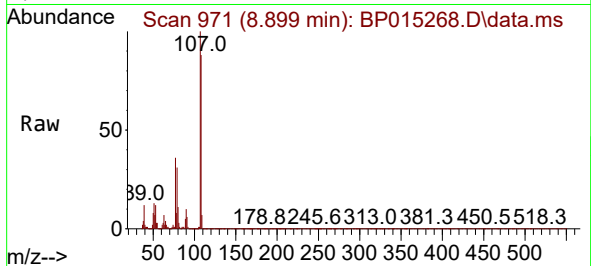




#18
4-Methylphenol
Concen: 35.569 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

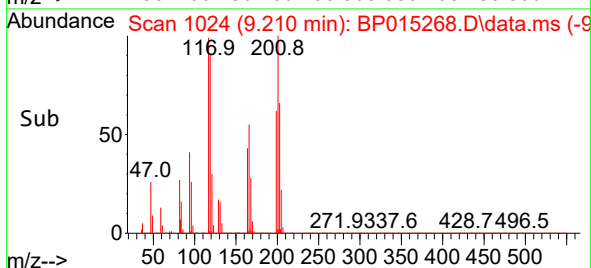
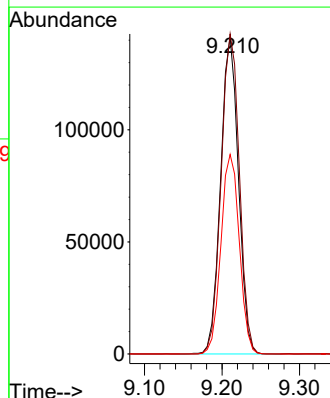
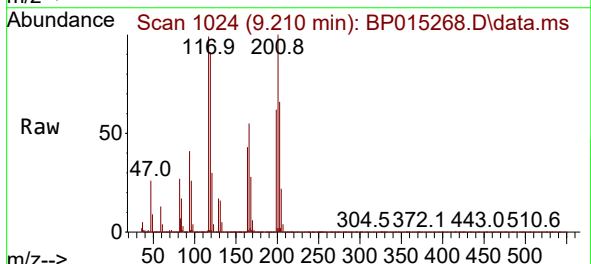
Instrument :
BNA_P
ClientSampleId :
SLCS975

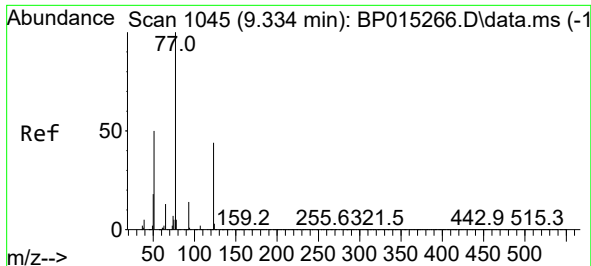
Tgt Ion:108 Resp: 613766
Ion Ratio Lower Upper
108 100
107 113.1 88.5 132.7



#19
Hexachloroethane
Concen: 36.018 ng/ul
RT: 9.210 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:117 Resp: 226255
Ion Ratio Lower Upper
117 100
201 100.9 75.8 113.8
199 62.9 46.5 69.7





#22

Nitrobenzene

Concen: 39.124 ng/ul

RT: 9.340 min Scan# 1045

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

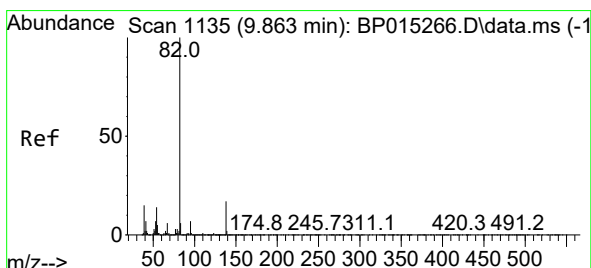
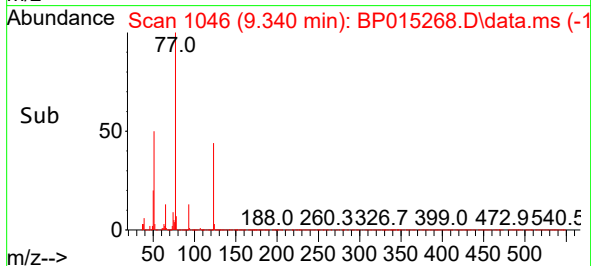
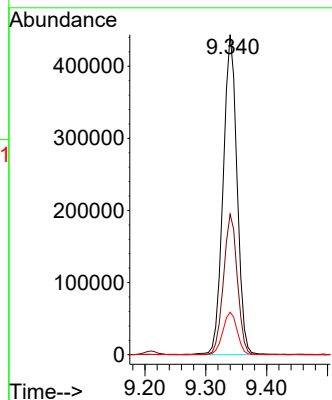
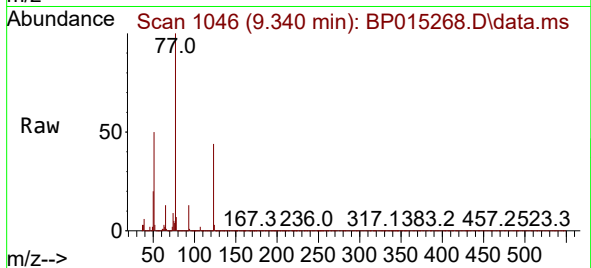
Tgt Ion: 77 Resp: 702499

Ion Ratio Lower Upper

77 100

123 43.9 36.2 54.2

65 13.2 10.1 15.1



#23

Isophorone

Concen: 36.051 ng/ul

RT: 9.869 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

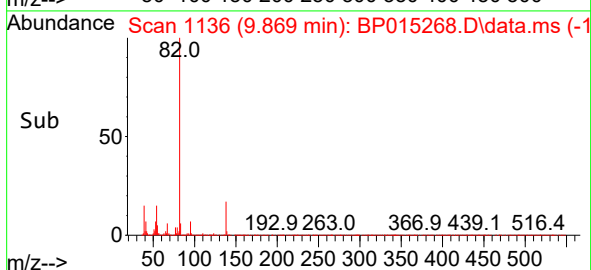
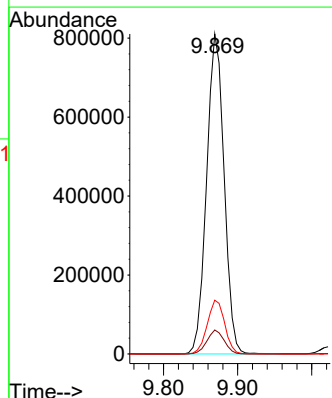
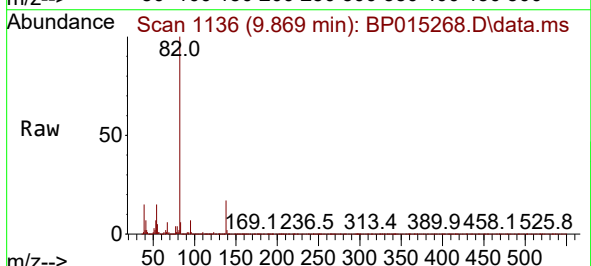
Tgt Ion: 82 Resp: 1330545

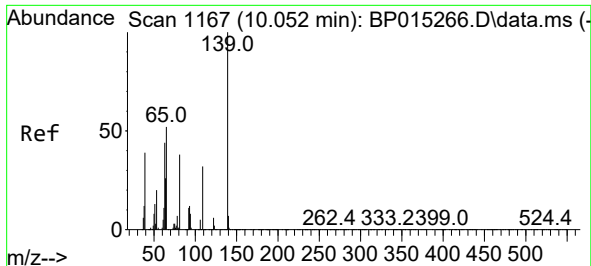
Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.0

138 16.8 13.6 20.4

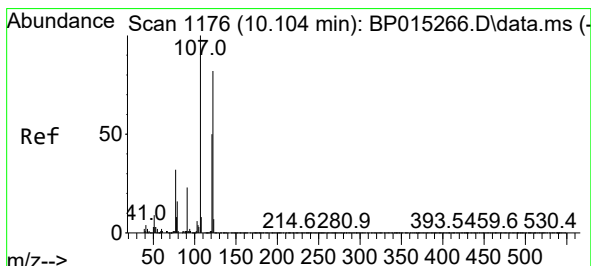
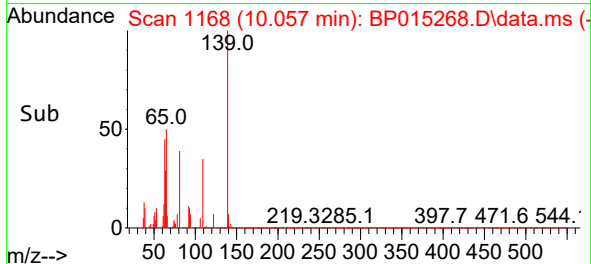
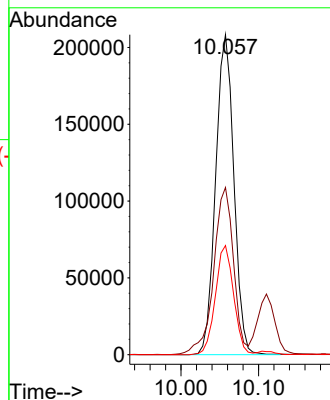
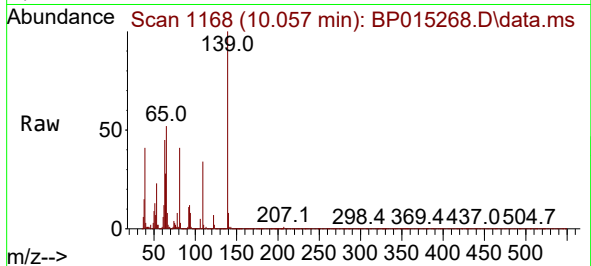




#25
2-Nitrophenol
Concen: 38.275 ng/ul
RT: 10.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

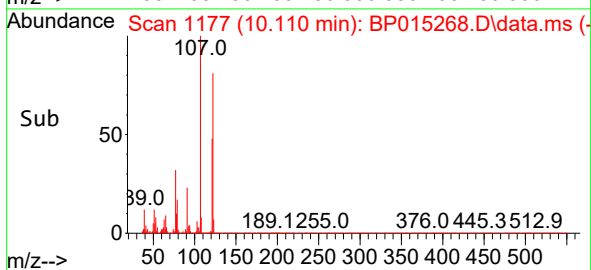
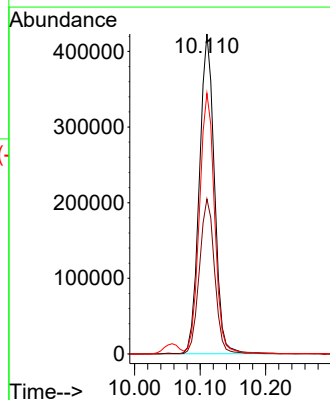
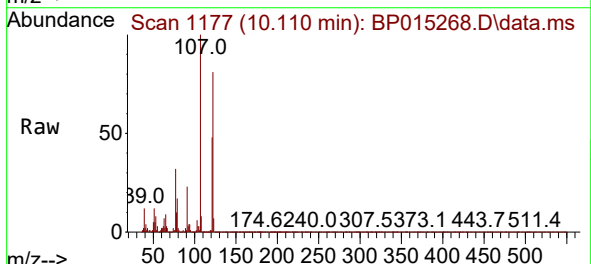
Instrument :
BNA_P
ClientSampleId :
SLCS975

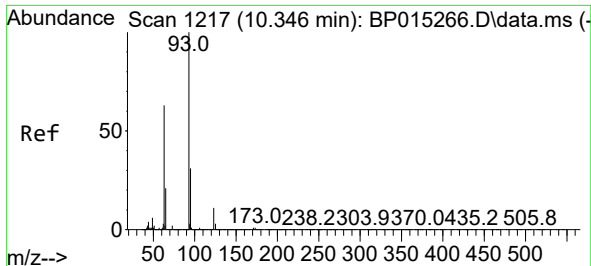
Tgt Ion:139 Resp: 339524
Ion Ratio Lower Upper
139 100
65 52.2 38.4 57.6
109 34.1 22.2 33.2#



#26
2,4-Dimethylphenol
Concen: 38.223 ng/ul
RT: 10.110 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:107 Resp: 676608
Ion Ratio Lower Upper
107 100
121 48.4 41.0 61.6
122 81.5 69.5 104.3

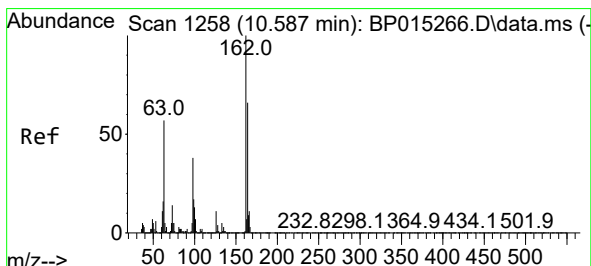
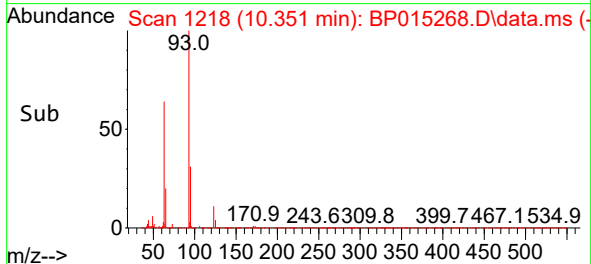
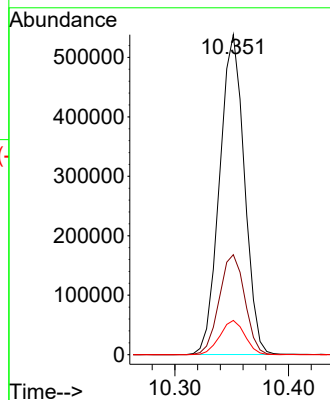
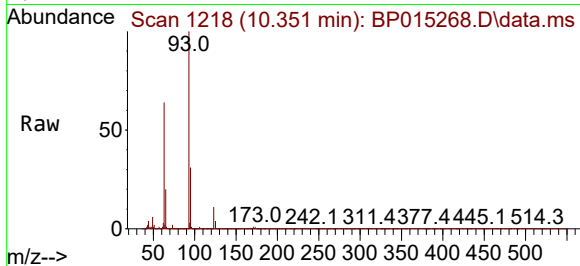




#27
Bis(2-Chloroethoxy)methane
Concen: 36.336 ng/ul
RT: 10.351 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

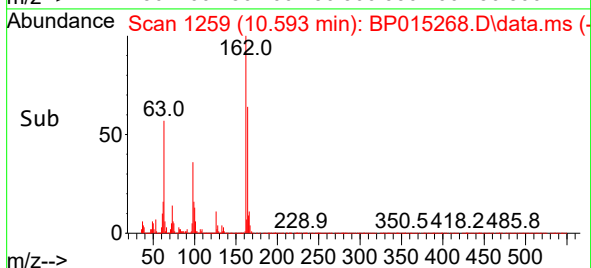
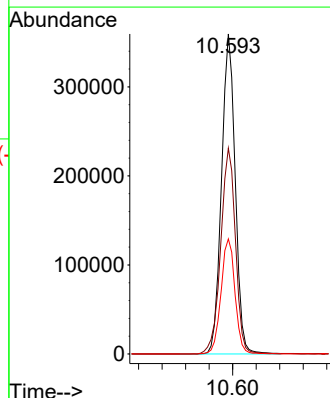
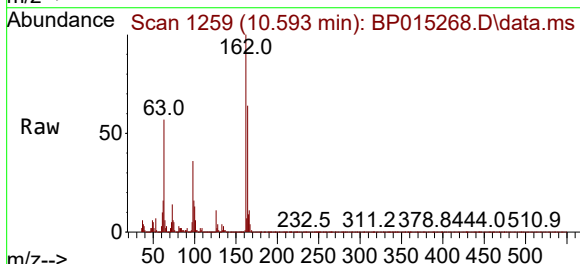
Instrument :
BNA_P
ClientSampleId :
SLCS975

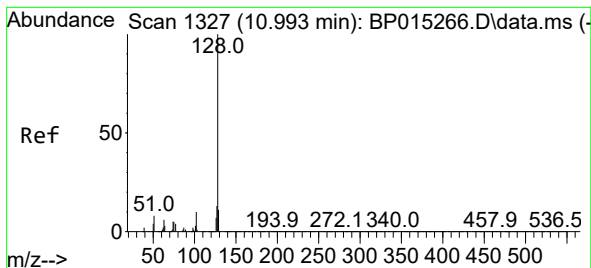
Tgt Ion: 93 Resp: 815957
Ion Ratio Lower Upper
93 100
95 31.3 26.7 40.1
123 10.7 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 39.434 ng/ul
RT: 10.593 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:162 Resp: 581431
Ion Ratio Lower Upper
162 100
164 64.3 52.0 78.0
98 36.0 28.9 43.3





#30

Naphthalene

Concen: 36.161 ng/ul

RT: 10.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

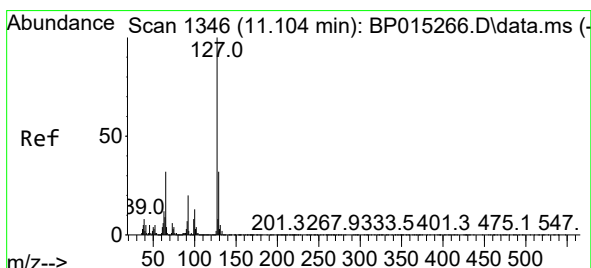
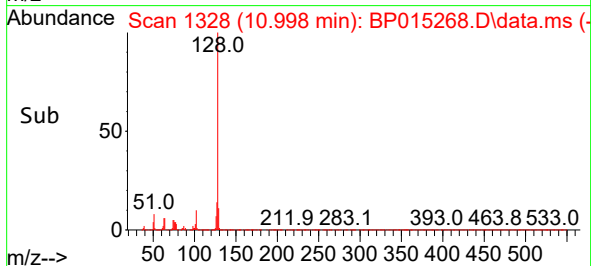
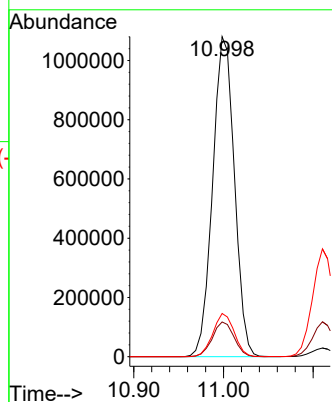
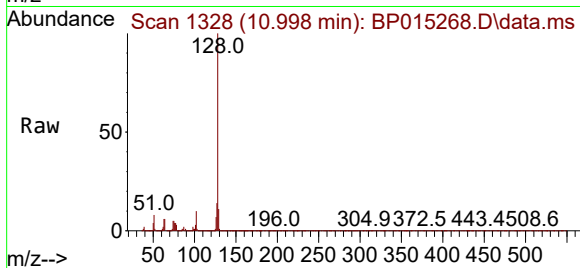
Tgt Ion:128 Resp: 1818857

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.5 10.6 15.8



#32

4-Chloroaniline

Concen: 27.505 ng/ul

RT: 11.110 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BP015268.D

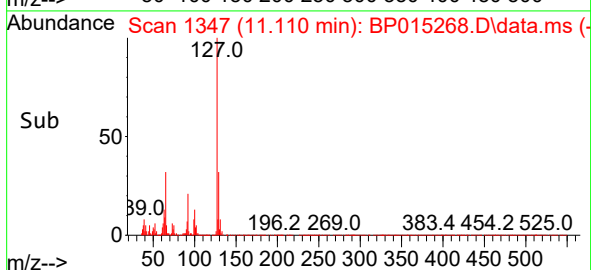
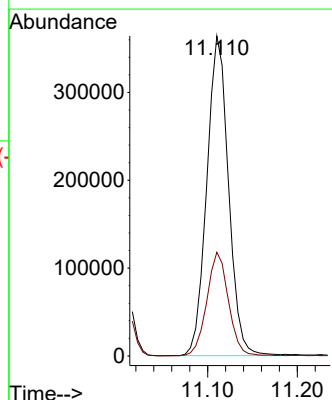
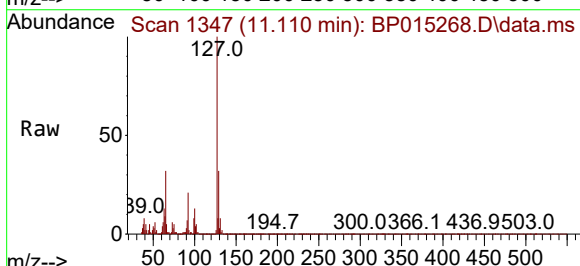
Acq: 24 May 2023 09:54

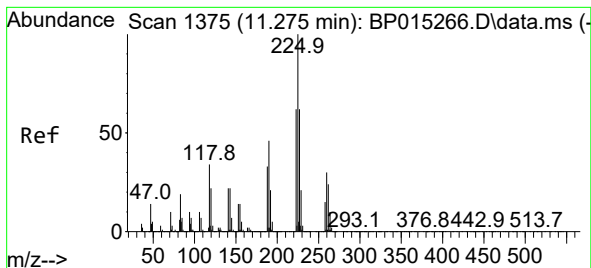
Tgt Ion:127 Resp: 610553

Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8





#33

Hexachlorobutadiene

Concen: 40.653 ng/ul

RT: 11.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

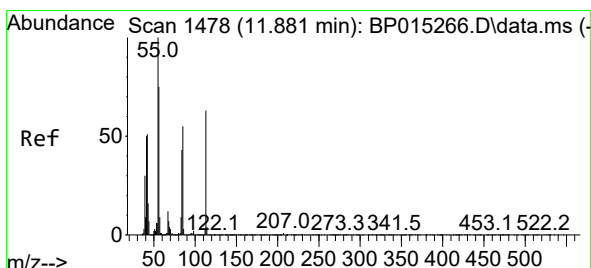
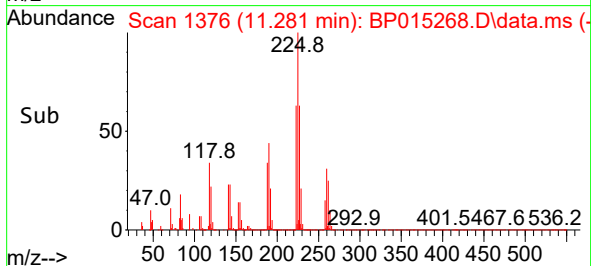
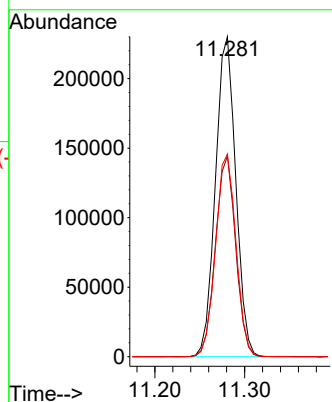
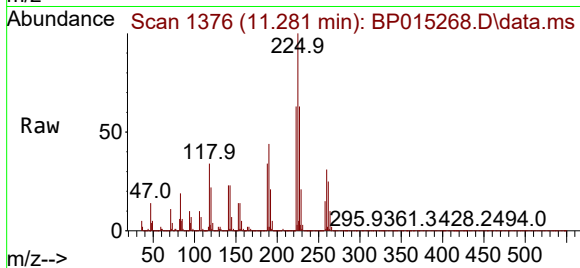
Tgt Ion:225 Resp: 361268

Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.6

227 63.4 52.2 78.4



#34

Caprolactam

Concen: 23.032 ng/ul

RT: 11.898 min Scan# 1481

Delta R.T. 0.012 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

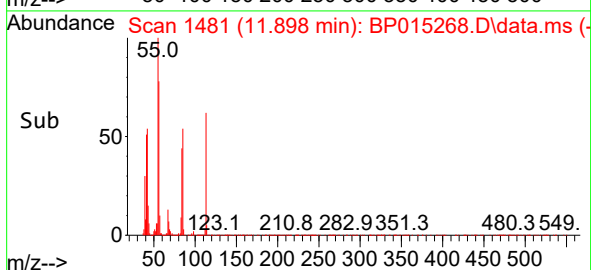
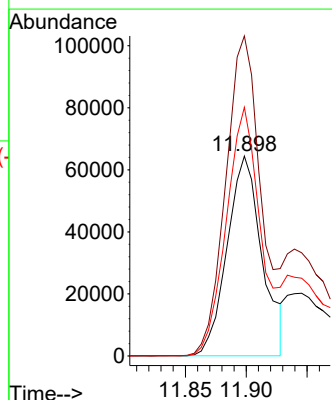
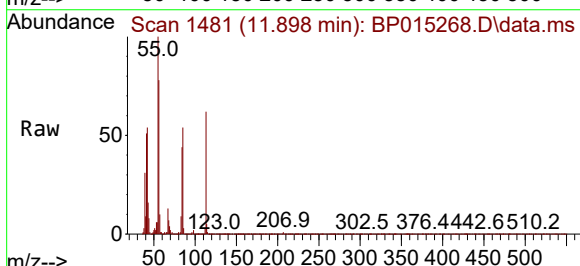
Tgt Ion:113 Resp: 128034

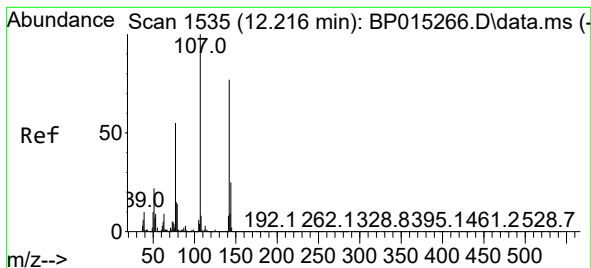
Ion Ratio Lower Upper

113 100

55 160.1 121.2 181.8

56 124.5 90.2 135.4

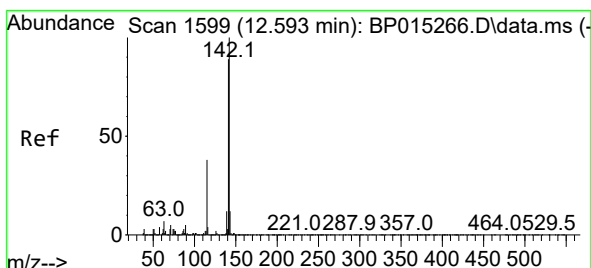
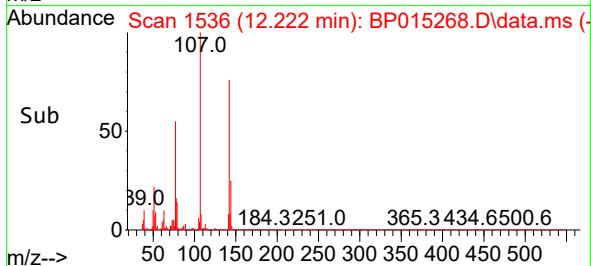
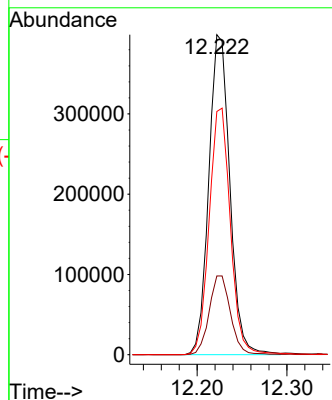
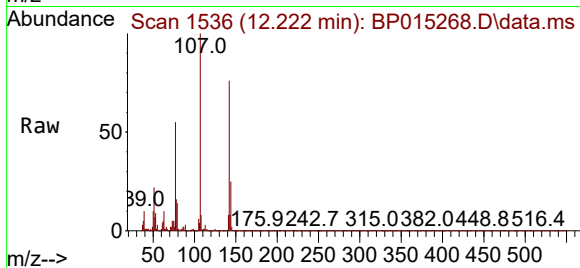




#35
4-Chloro-3-methylphenol
Concen: 39.041 ng/ul
RT: 12.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

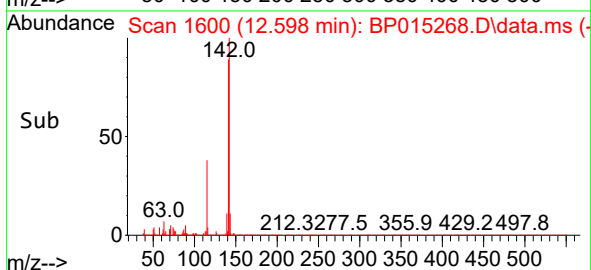
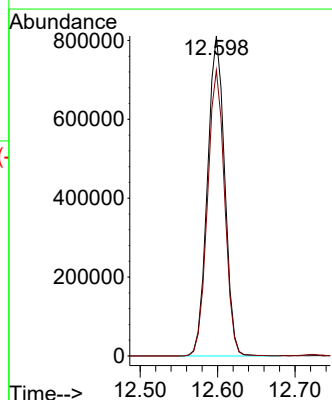
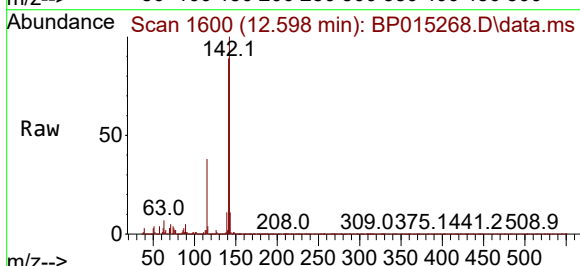
Instrument :
BNA_P
ClientSampleId :
SLCS975

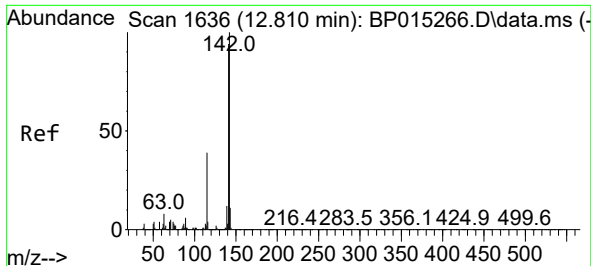
Tgt Ion:107 Resp: 649984
Ion Ratio Lower Upper
107 100
144 24.6 20.3 30.5
142 76.0 63.2 94.8



#36
2-Methylnaphthalene
Concen: 37.033 ng/ul
RT: 12.598 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:142 Resp: 1255078
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6

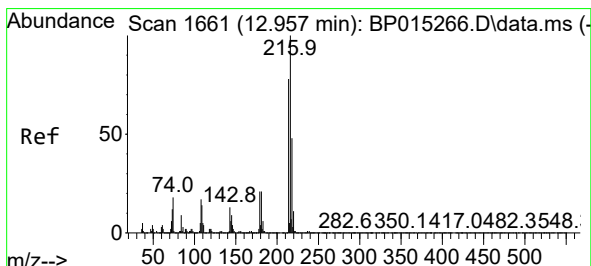
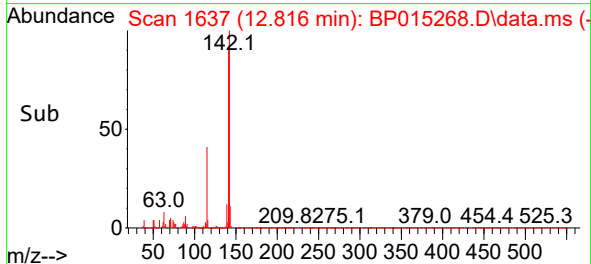
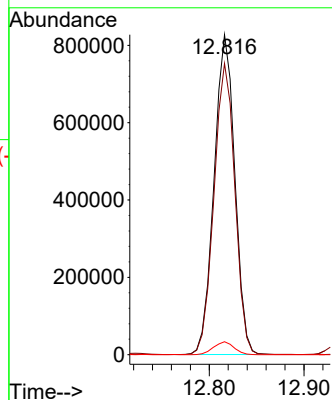
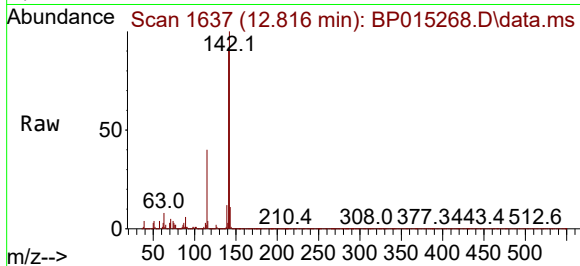




#37
1-Methylnaphthalene
Concen: 36.996 ng/ul
RT: 12.816 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

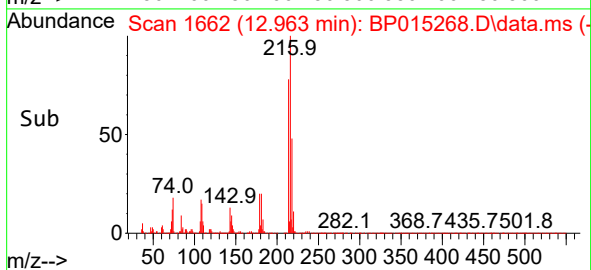
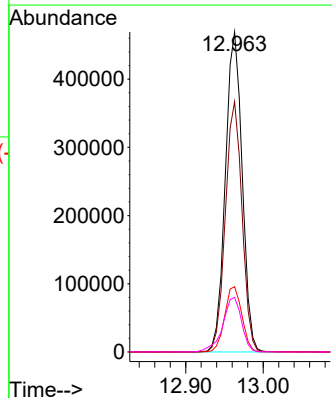
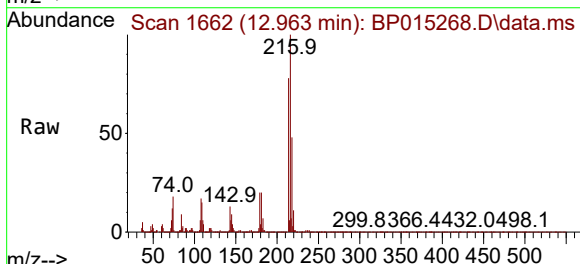
Instrument :
BNA_P
ClientSampleId :
SLCS975

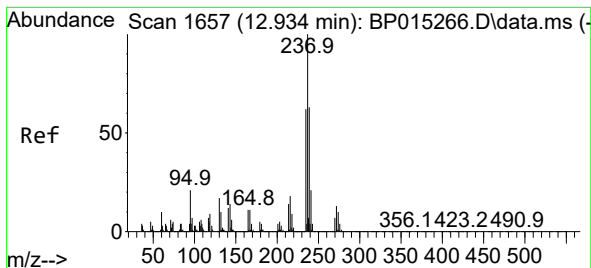
Tgt Ion:142 Resp: 1259144
Ion Ratio Lower Upper
142 100
141 91.0 74.6 112.0
116 4.0 2.9 4.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.028 ng/ul
RT: 12.963 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:216 Resp: 706758
Ion Ratio Lower Upper
216 100
214 78.2 61.4 92.0
179 20.4 15.9 23.9
108 17.1 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 29.047 ng/ul

RT: 12.940 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

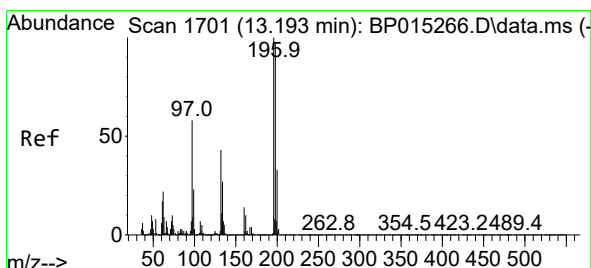
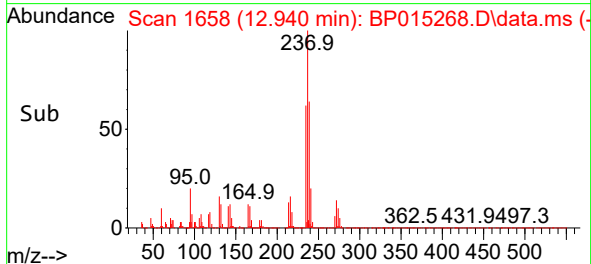
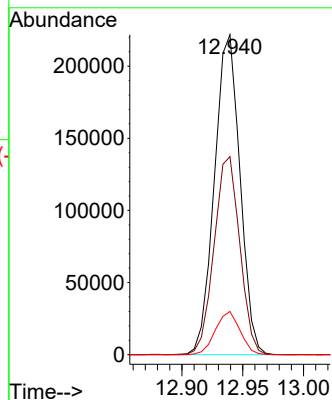
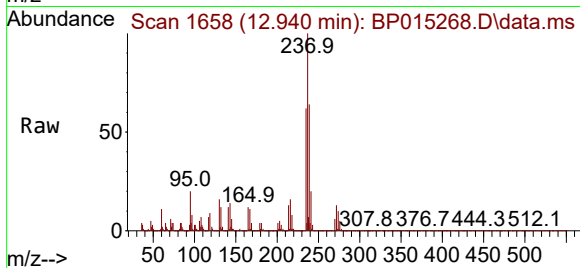
Tgt Ion:237 Resp: 324193

Ion Ratio Lower Upper

237 100

235 61.9 49.4 74.0

272 13.5 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 39.383 ng/ul

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

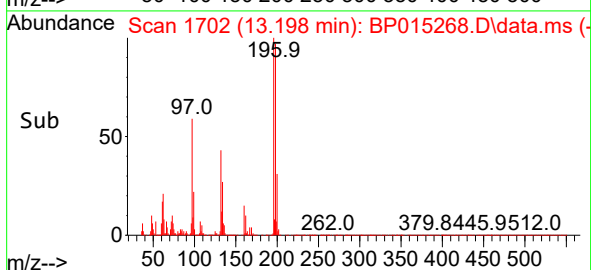
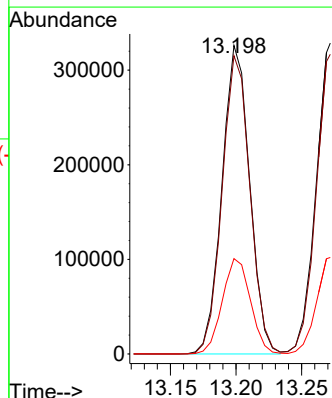
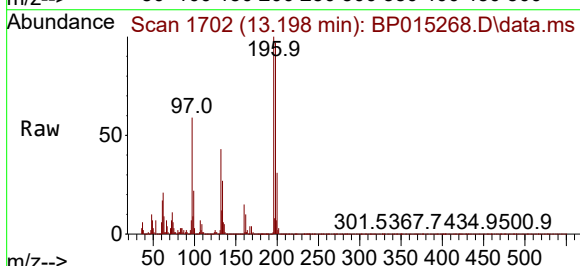
Tgt Ion:196 Resp: 479058

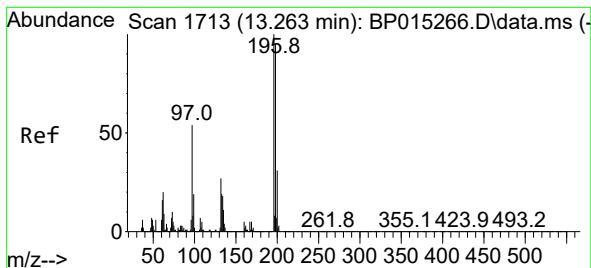
Ion Ratio Lower Upper

196 100

198 96.7 75.5 113.3

200 30.9 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 39.916 ng/ul

RT: 13.275 min Scan# 1713

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

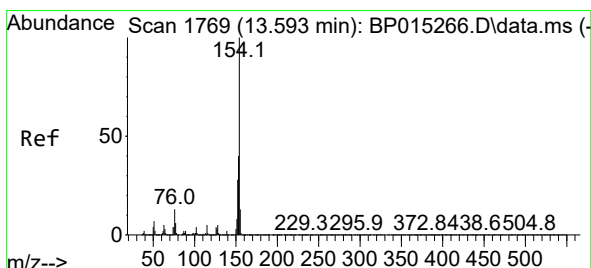
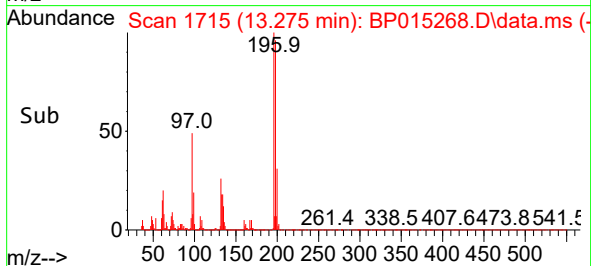
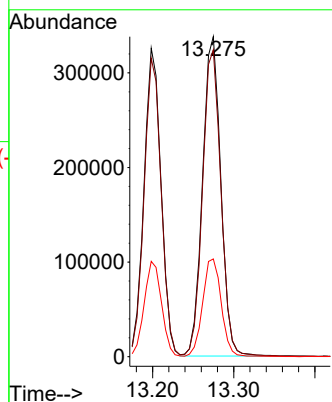
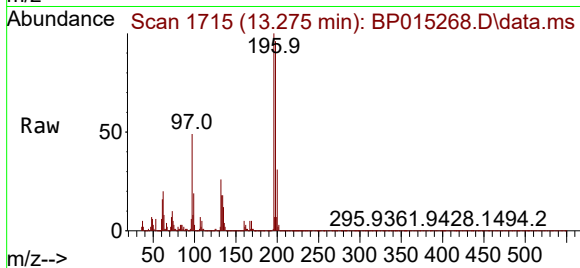
Tgt Ion:196 Resp: 526449

Ion Ratio Lower Upper

196 100

198 95.9 77.0 115.4

200 30.5 24.3 36.5



#43

1,1'-Biphenyl

Concen: 38.113 ng/ul

RT: 13.598 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

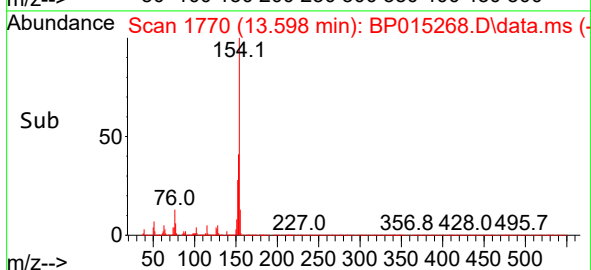
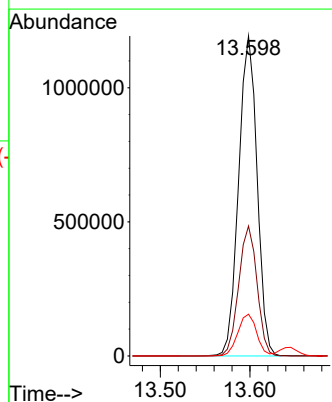
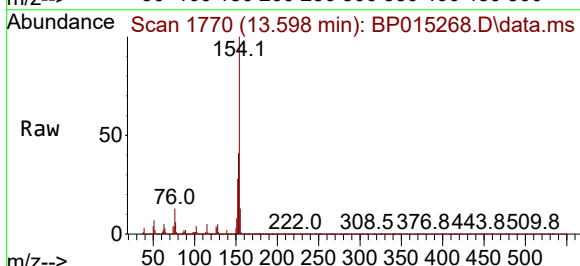
Tgt Ion:154 Resp: 1703233

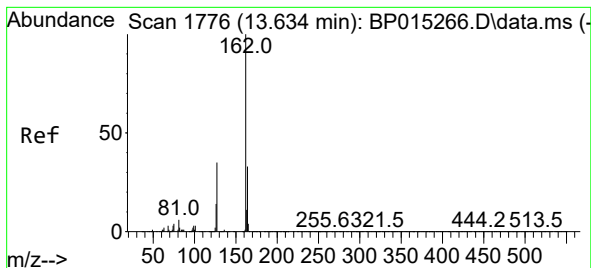
Ion Ratio Lower Upper

154 100

153 40.6 32.7 49.1

76 13.1 10.7 16.1





#44

2-Chloronaphthalene

Concen: 38.677 ng/ul

RT: 13.645 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

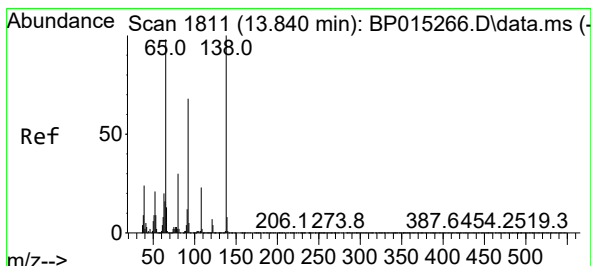
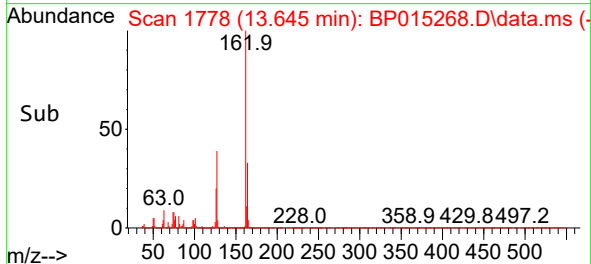
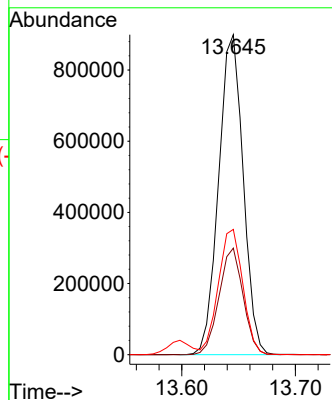
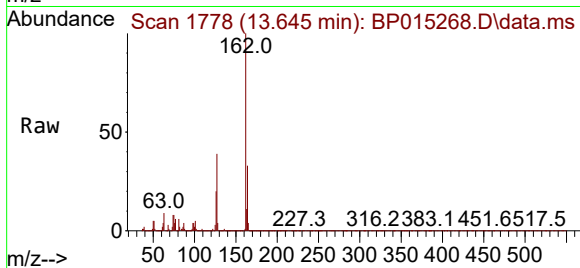
Tgt Ion:162 Resp: 1349816

Ion Ratio Lower Upper

162 100

164 33.3 25.9 38.9

127 39.1 30.8 46.2



#45

2-Nitroaniline

Concen: 42.212 ng/ul

RT: 13.851 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

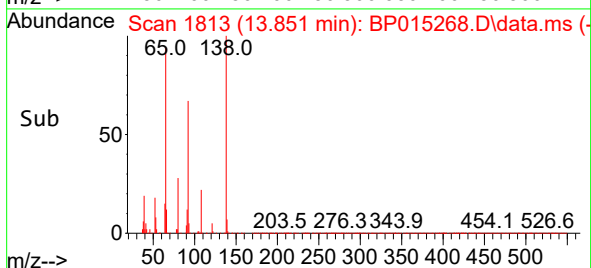
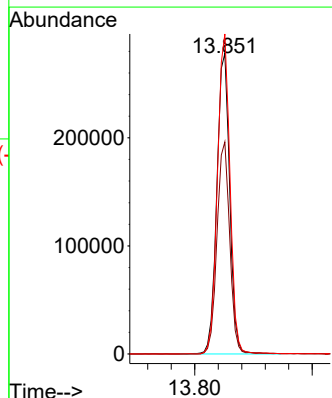
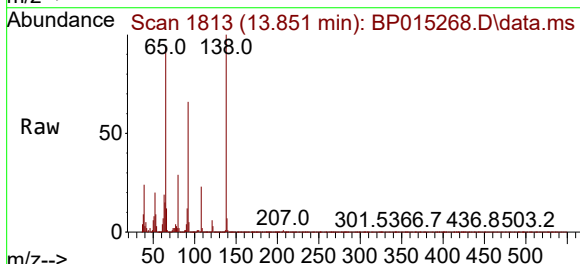
Tgt Ion: 65 Resp: 421514

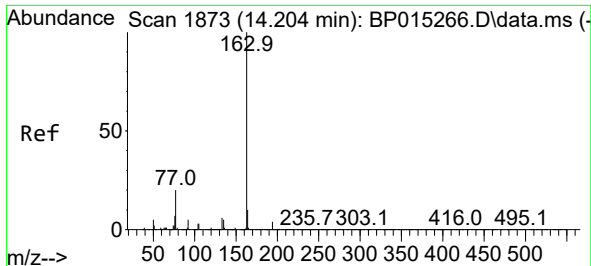
Ion Ratio Lower Upper

65 100

92 70.6 59.8 89.8

138 106.5 92.3 138.5

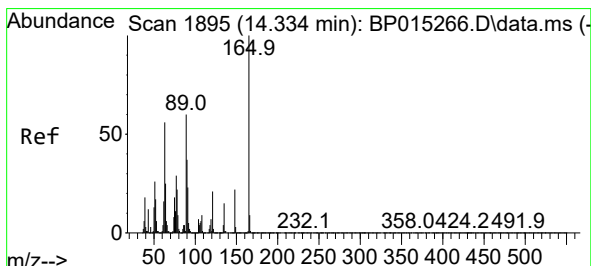
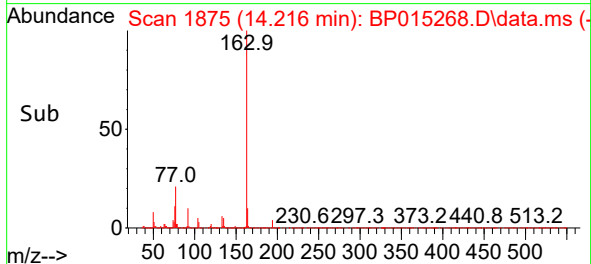
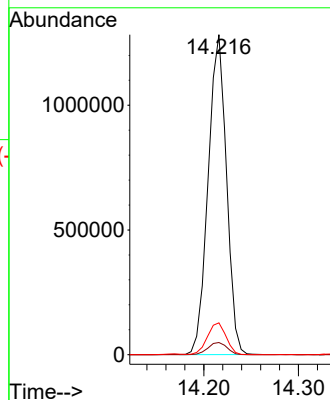
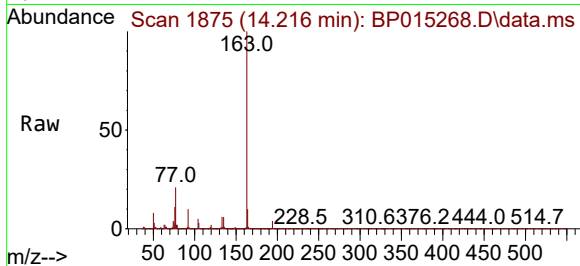




#47
Dimethylphthalate
Concen: 38.016 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

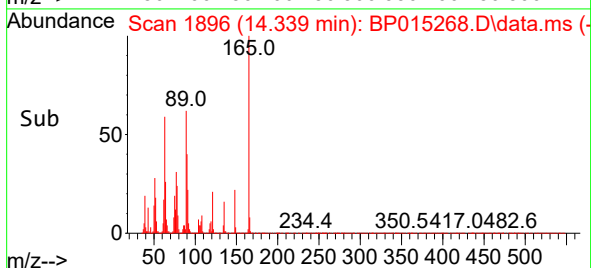
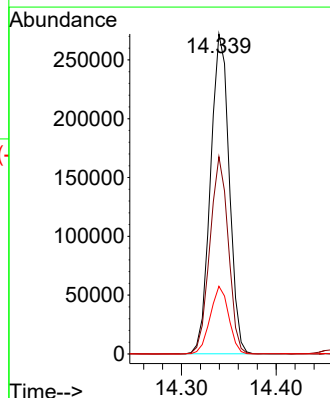
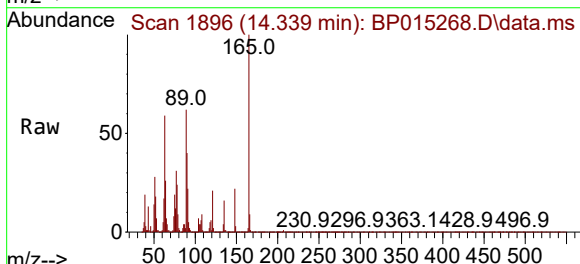
Instrument :
BNA_P
ClientSampleId :
SLCS975

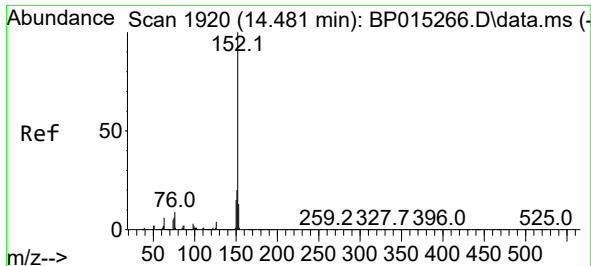
Tgt Ion:163 Resp: 1723168
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 41.490 ng/ul
RT: 14.339 min Scan# 1896
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:165 Resp: 372584
Ion Ratio Lower Upper
165 100
89 61.7 48.0 72.0
121 21.1 17.5 26.3

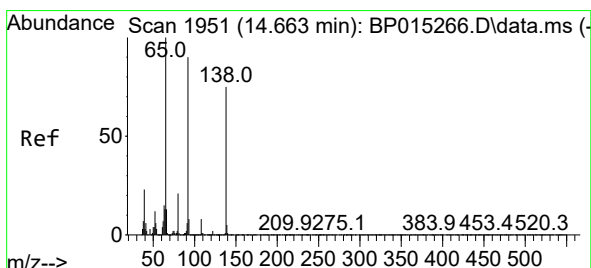
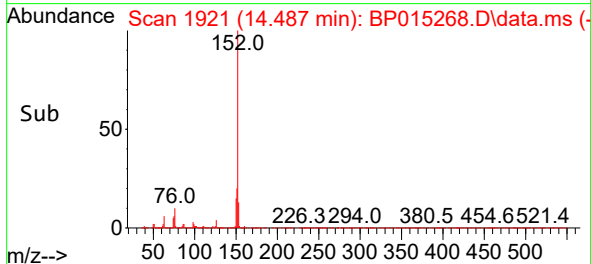
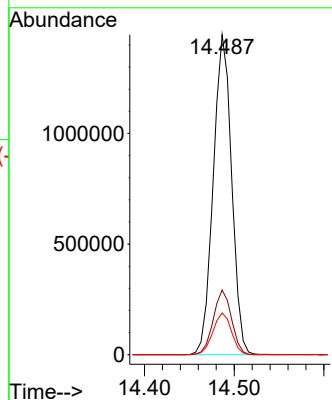
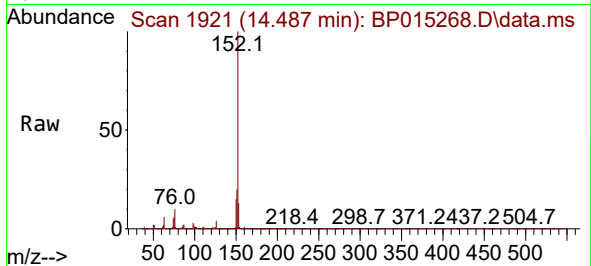




#50
Acenaphthylene
Concen: 37.036 ng/ul
RT: 14.487 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

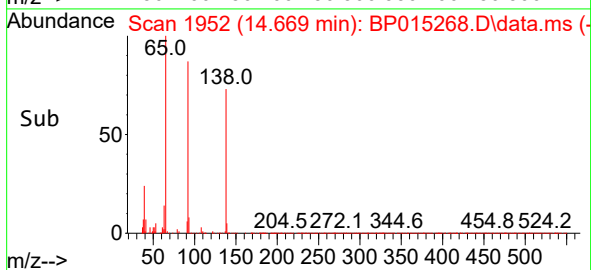
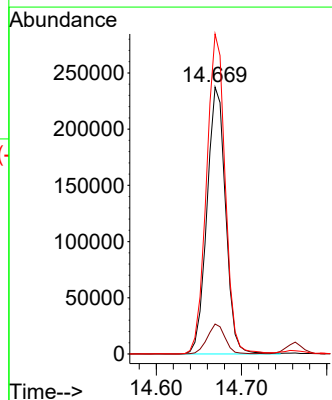
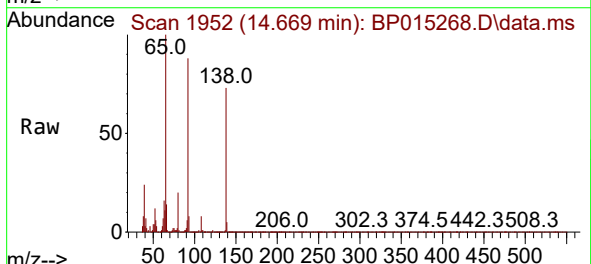
Instrument :
BNA_P
ClientSampleId :
SLCS975

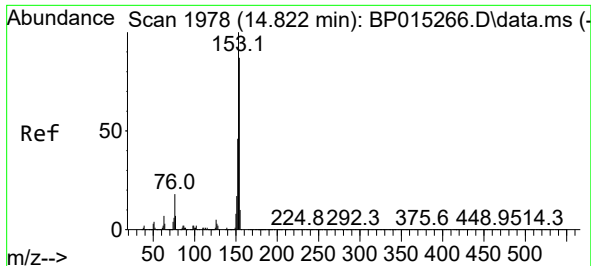
Tgt Ion:152 Resp: 2057055
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.1 10.3 15.5



#51
3-Nitroaniline
Concen: 44.624 ng/ul
RT: 14.669 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:138 Resp: 360837
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 119.9 93.4 140.0

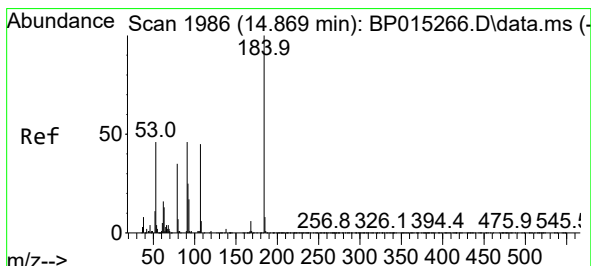
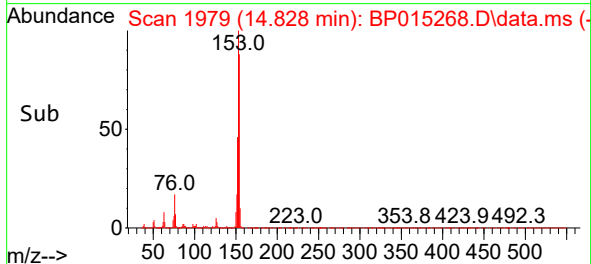
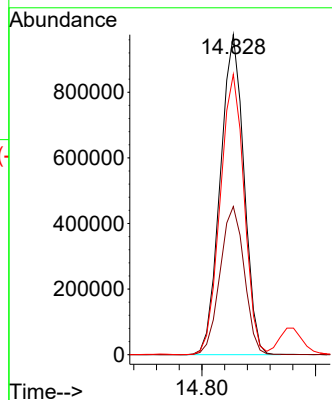
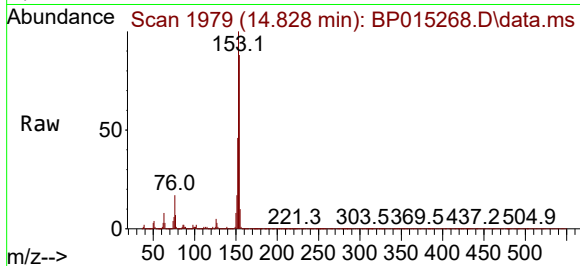




#52
Acenaphthene
Concen: 37.229 ng/ul
RT: 14.828 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

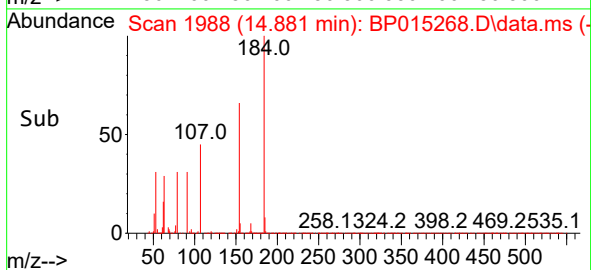
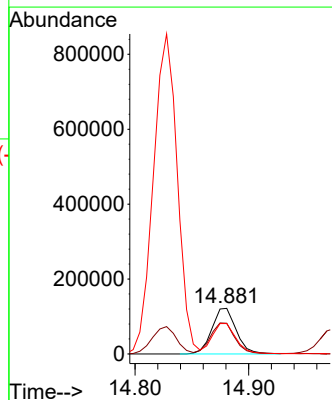
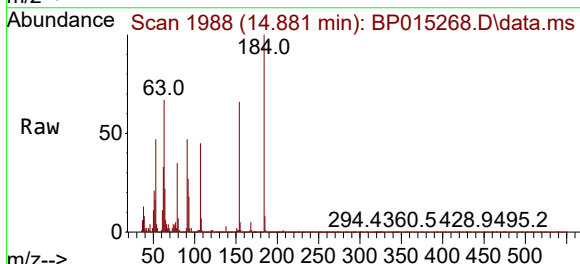
Instrument :
BNA_P
ClientSampleId :
SLCS975

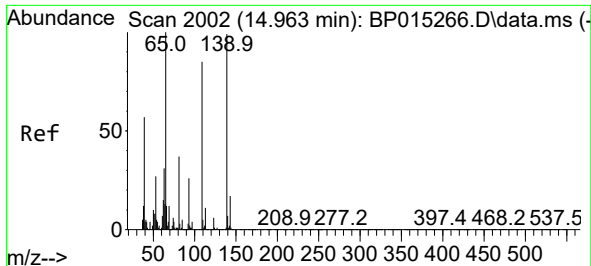
Tgt Ion:153 Resp: 1412279
Ion Ratio Lower Upper
153 100
152 46.3 38.0 57.0
154 87.6 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 30.427 ng/ul
RT: 14.881 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:184 Resp: 181421
Ion Ratio Lower Upper
184 100
63 67.4 49.7 74.5
154 66.5 47.5 71.3

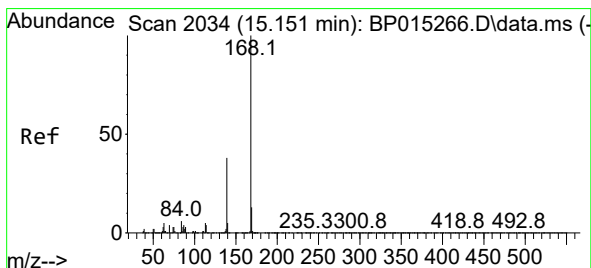
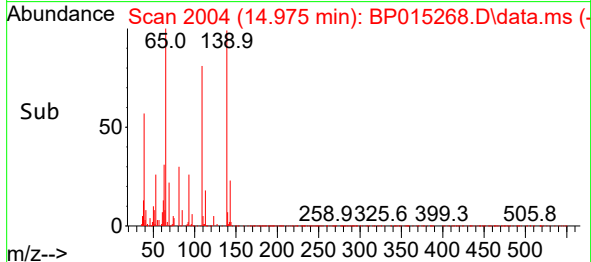
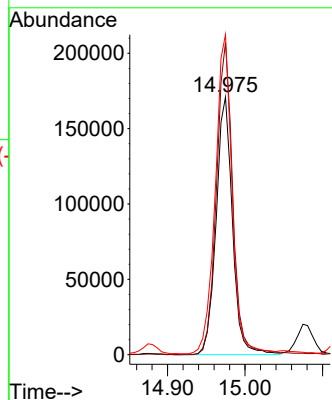
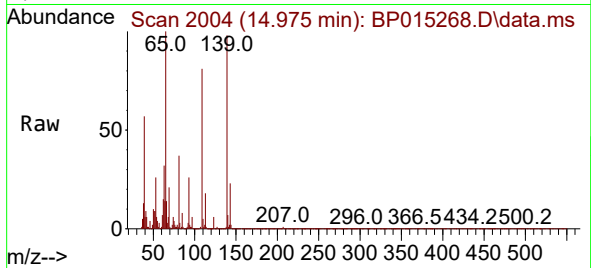




#55
4-Nitrophenol
Concen: 40.271 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.012 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

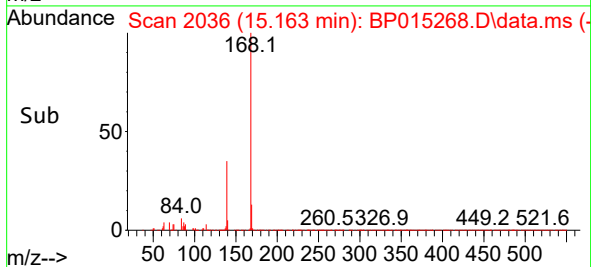
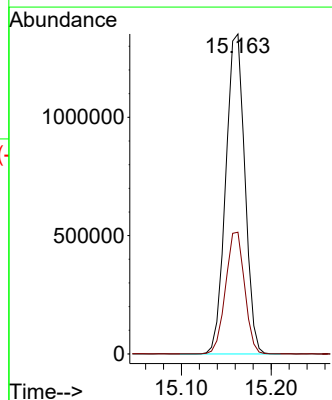
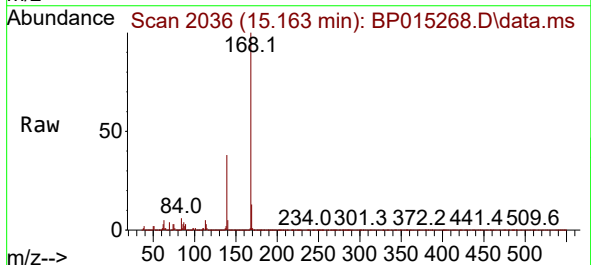
Instrument :
BNA_P
ClientSampleId :
SLCS975

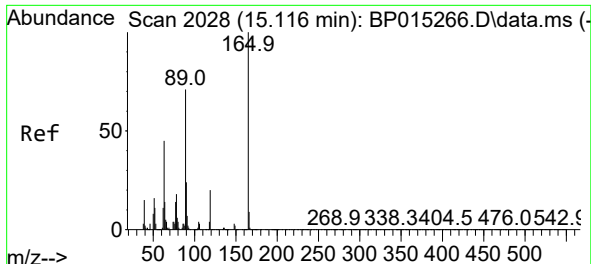
Tgt Ion:109 Resp: 250331
Ion Ratio Lower Upper
109 100
139 121.2 115.3 172.9
65 124.2 107.9 161.9



#56
Dibenzofuran
Concen: 37.870 ng/ul
RT: 15.163 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:168 Resp: 1998146
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0

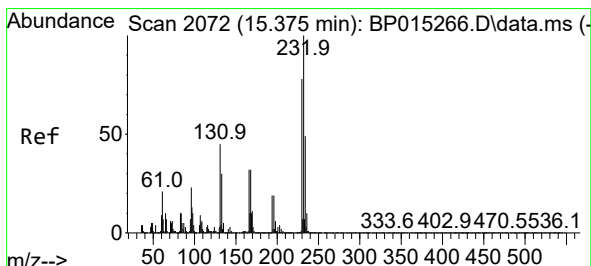
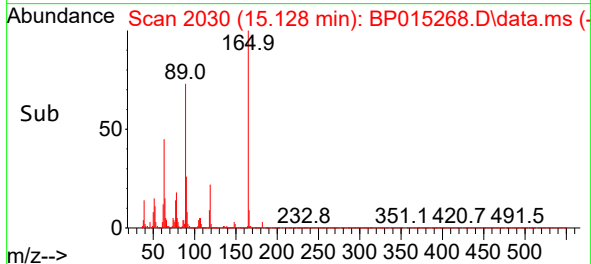
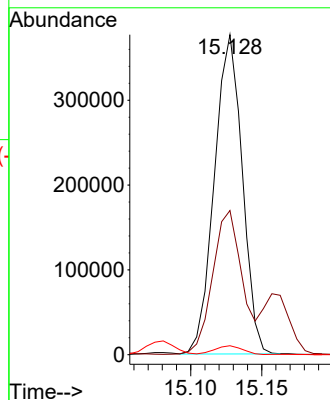
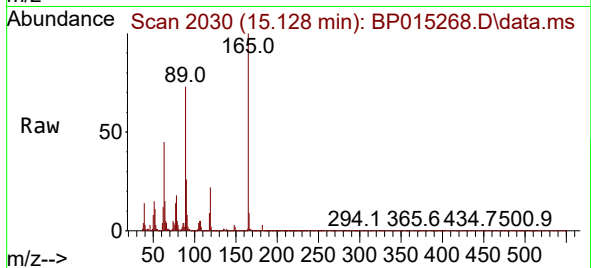




#57
2,4-Dinitrotoluene
Concen: 39.579 ng/ul
RT: 15.128 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

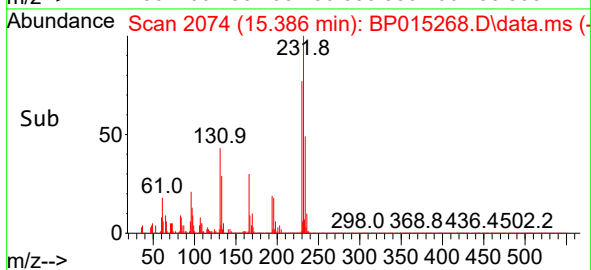
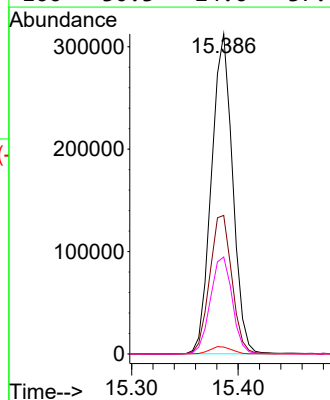
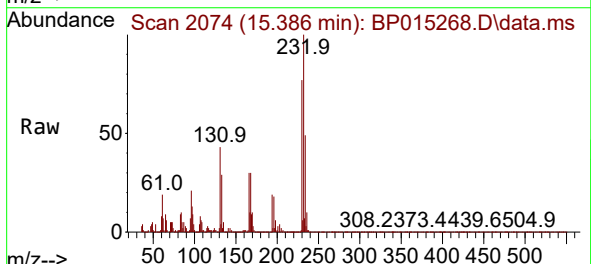
Instrument :
BNA_P
ClientSampleId :
SLCS975

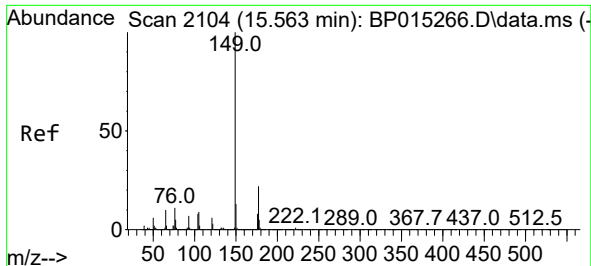
Tgt Ion:165 Resp: 514302
Ion Ratio Lower Upper
165 100
63 45.1 33.1 49.7
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 38.744 ng/ul
RT: 15.386 min Scan# 2074
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:232 Resp: 431248
Ion Ratio Lower Upper
232 100
131 43.3 36.8 55.2
130 2.2 1.9 2.9
166 30.3 24.6 37.0

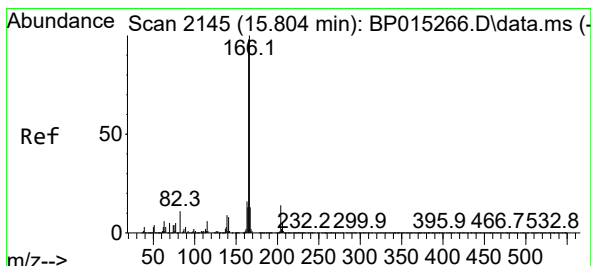
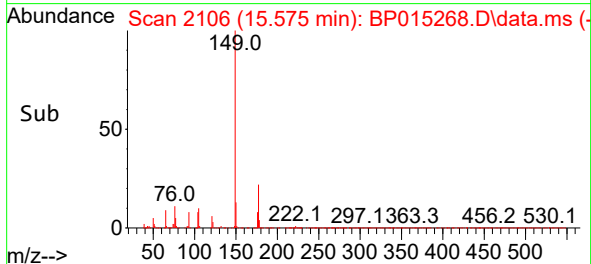
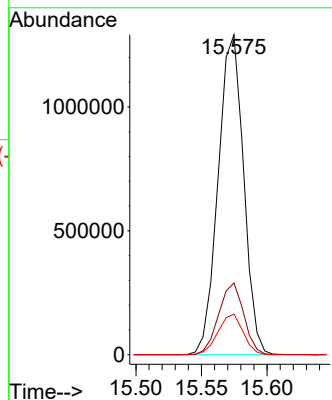
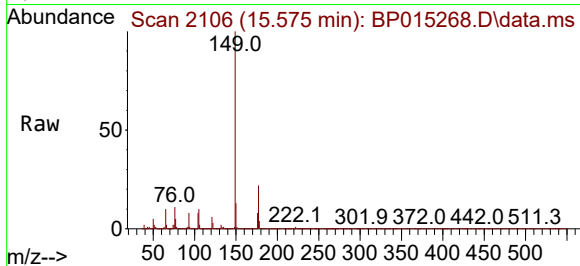




#59
Diethylphthalate
Concen: 38.545 ng/ul
RT: 15.575 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

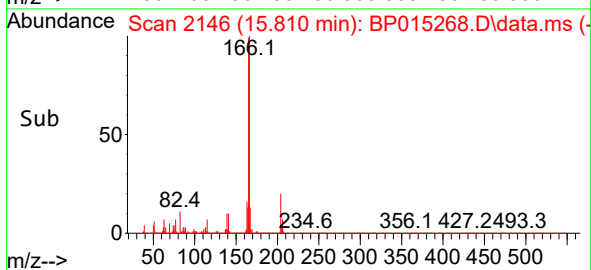
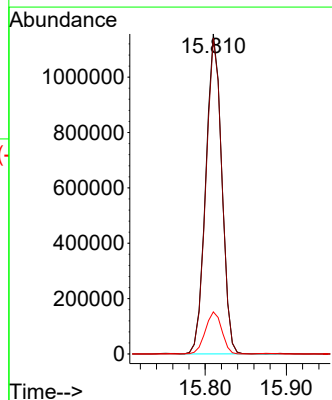
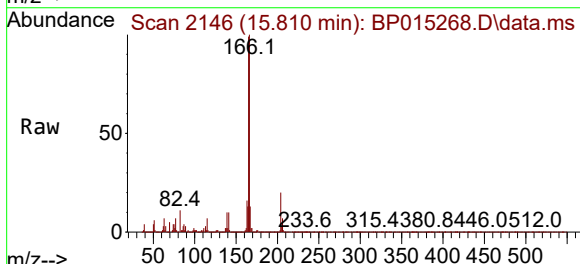
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BNA_P
ClientSampleId :
SLCS975

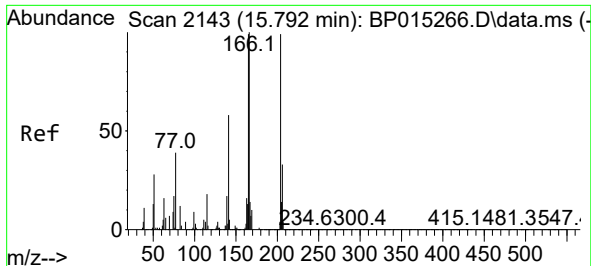
Tgt Ion:149 Resp: 1742566
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.7 9.8 14.8



#61
Fluorene
Concen: 37.108 ng/ul
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:166 Resp: 1573476
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 13.2 10.6 15.8

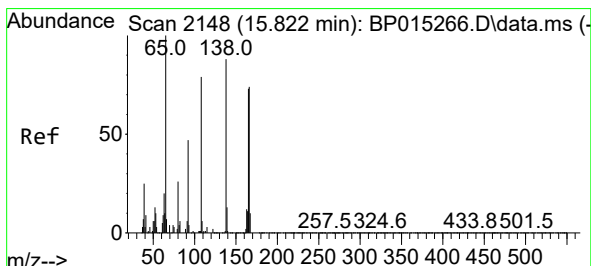
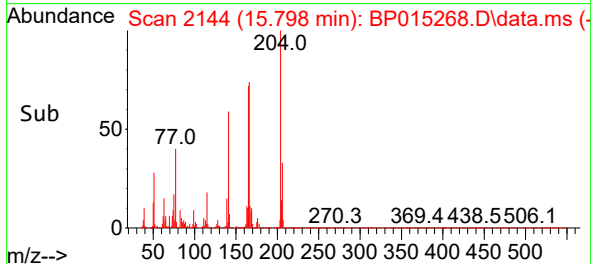
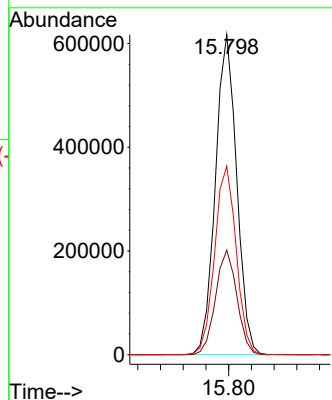
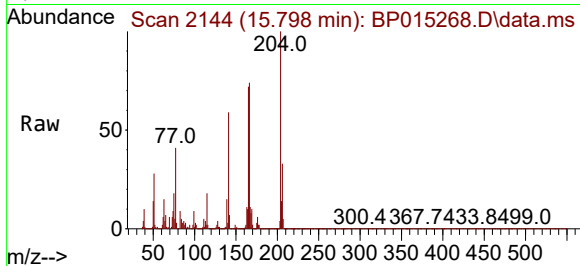




#62
4-Chlorophenyl-phenylether
Concen: 38.751 ng/ul
RT: 15.798 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

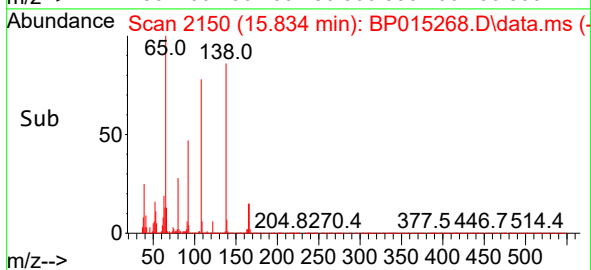
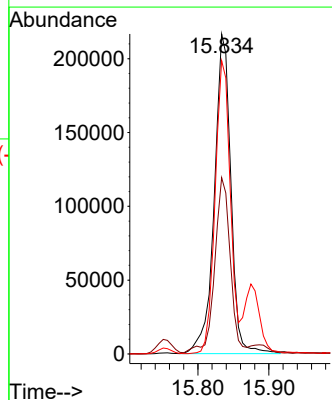
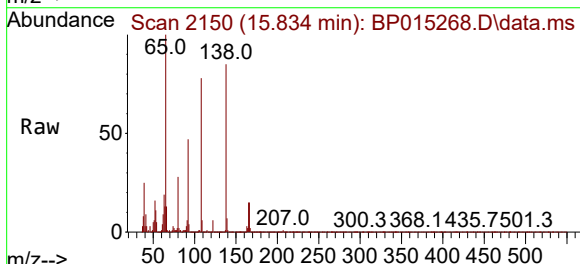
Instrument :
BNA_P
ClientSampleId :
SLCS975

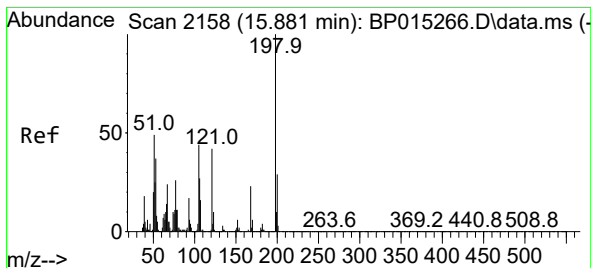
Tgt Ion:204 Resp: 802836
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 58.9 44.5 66.7



#63
4-Nitroaniline
Concen: 50.223 ng/ul
RT: 15.834 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:138 Resp: 350698
Ion Ratio Lower Upper
138 100
92 55.1 41.2 61.8
108 91.6 60.1 90.1#

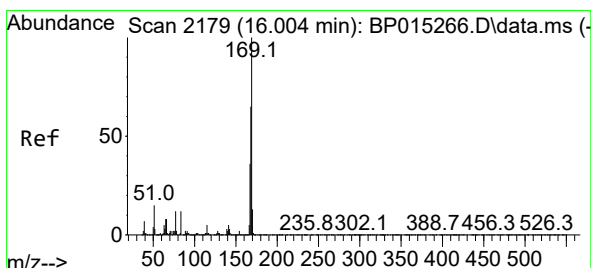
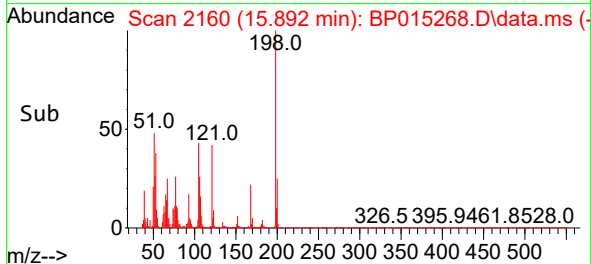
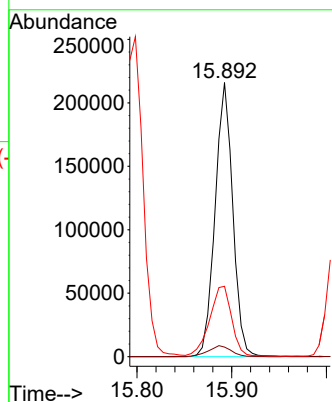
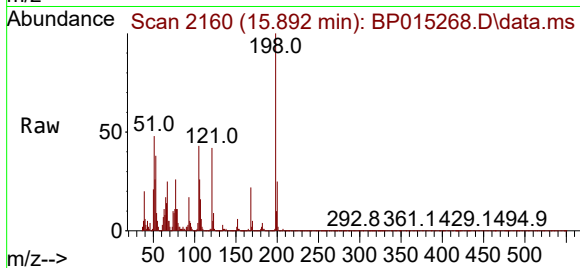




#66
4,6-Dinitro-2-methylphenol
Concen: 34.271 ng/ul
RT: 15.892 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

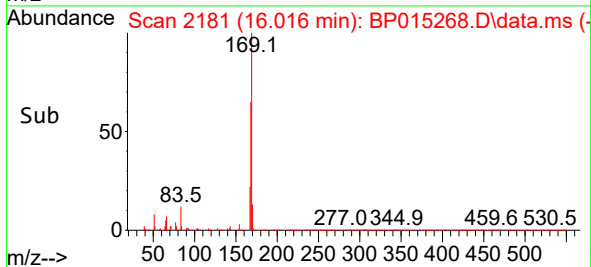
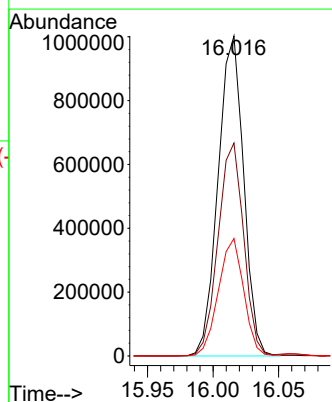
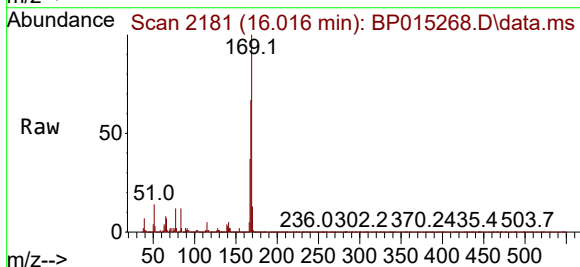
Instrument :
BNA_P
ClientSampleId :
SLCS975

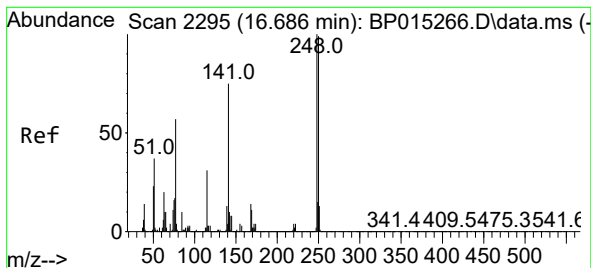
Tgt Ion:198 Resp: 280493
Ion Ratio Lower Upper
198 100
182 3.5 3.7 5.5#
77 25.7 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 36.723 ng/ul
RT: 16.016 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:169 Resp: 1358811
Ion Ratio Lower Upper
169 100
168 66.5 53.5 80.3
167 36.7 28.9 43.3

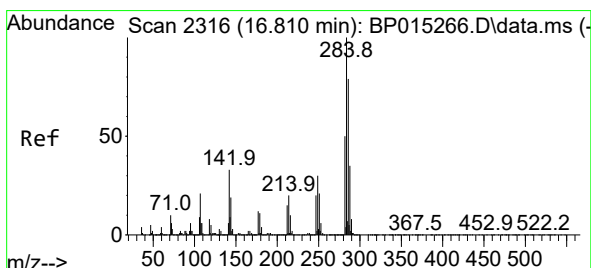
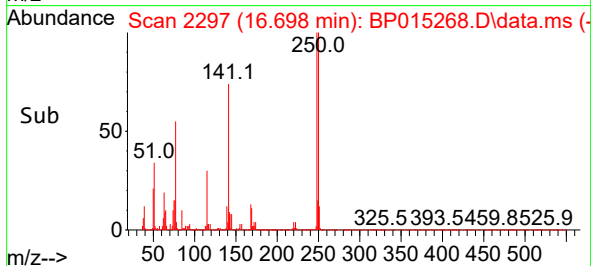
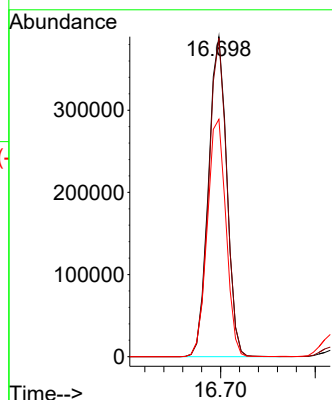
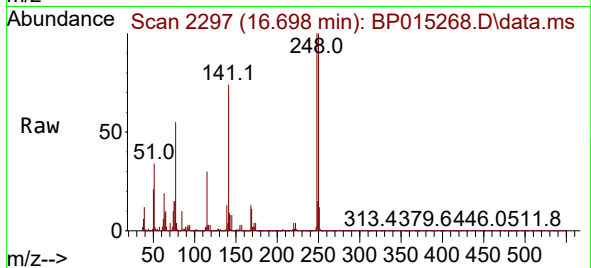




#68
4-Bromophenyl-phenylether
Concen: 40.237 ng/ul
RT: 16.698 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

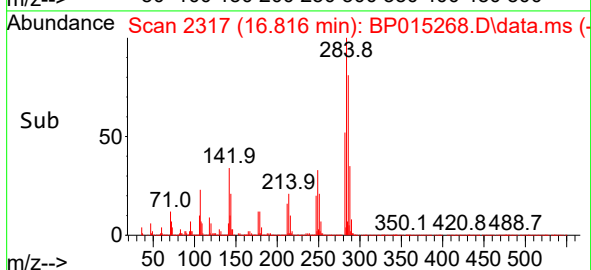
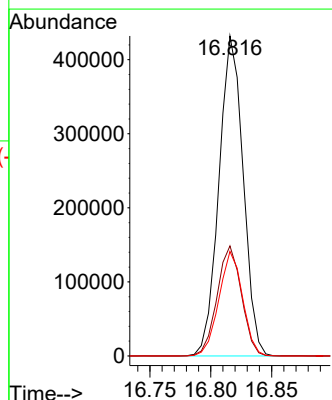
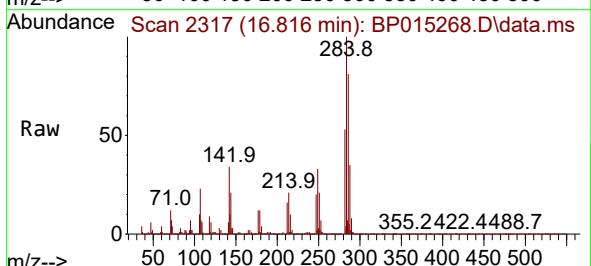
Instrument :
BNA_P
ClientSampleId :
SLCS975

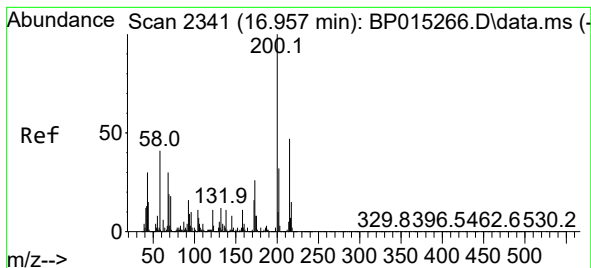
Tgt Ion:248 Resp: 521534
Ion Ratio Lower Upper
248 100
250 99.5 79.0 118.4
141 74.2 58.6 87.8



#69
Hexachlorobenzene
Concen: 39.091 ng/ul
RT: 16.816 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:284 Resp: 598768
Ion Ratio Lower Upper
284 100
142 34.4 27.3 40.9
249 32.6 24.6 36.8





#70

Atrazine

Concen: 24.757 ng/ul

RT: 16.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

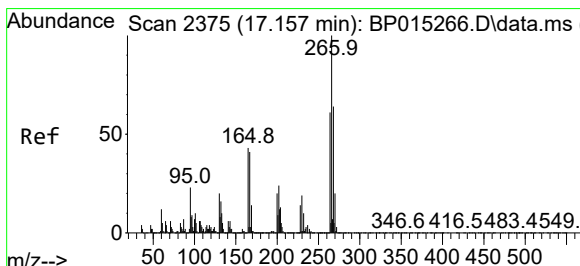
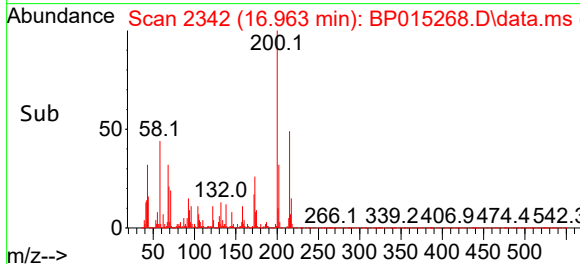
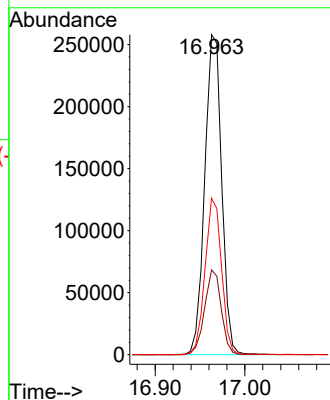
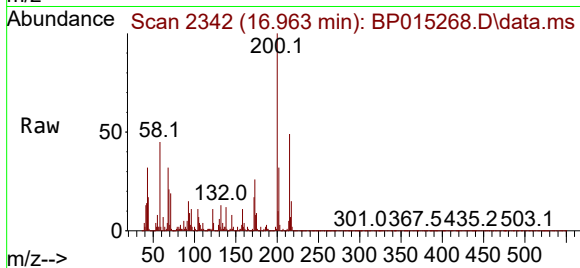
Tgt Ion:200 Resp: 338593

Ion Ratio Lower Upper

200 100

173 26.5 21.4 32.2

215 48.9 38.1 57.1



#71

Pentachlorophenol

Concen: 36.007 ng/ul

RT: 17.163 min Scan# 2376

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

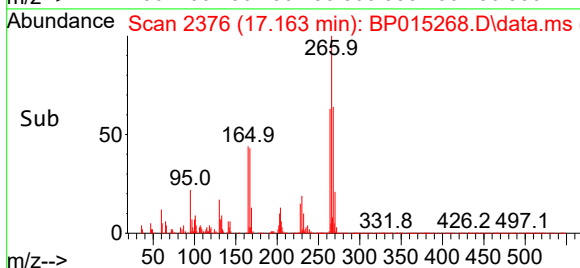
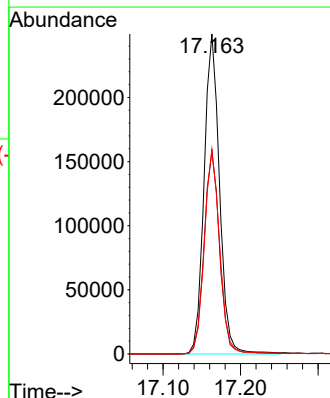
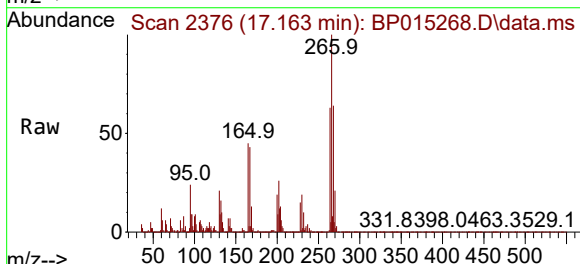
Tgt Ion:266 Resp: 344987

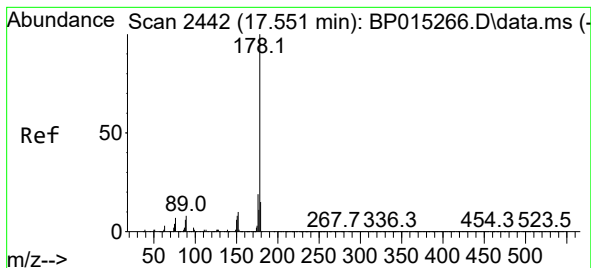
Ion Ratio Lower Upper

266 100

264 63.2 51.0 76.4

268 64.0 51.8 77.6





#72

Phenanthrene

Concen: 36.797 ng/ul

RT: 17.563 min Scan# 2444

Delta R.T. 0.012 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

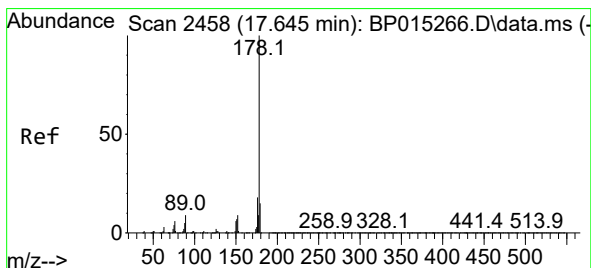
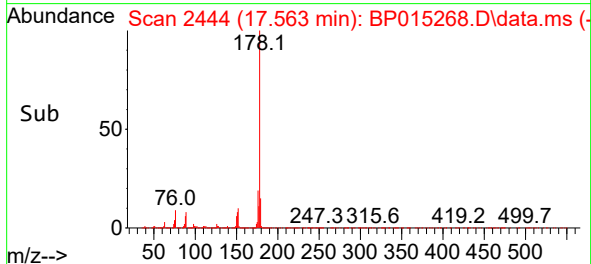
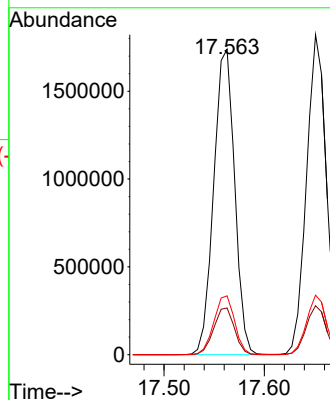
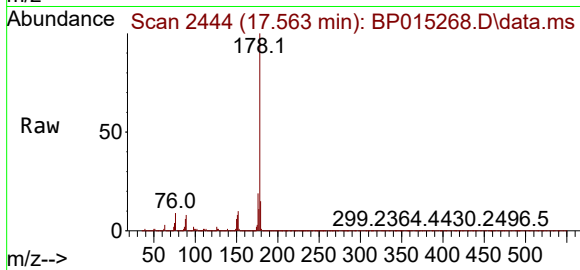
Tgt Ion:178 Resp: 2521502

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.3 15.6 23.4



#74

Anthracene

Concen: 35.814 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

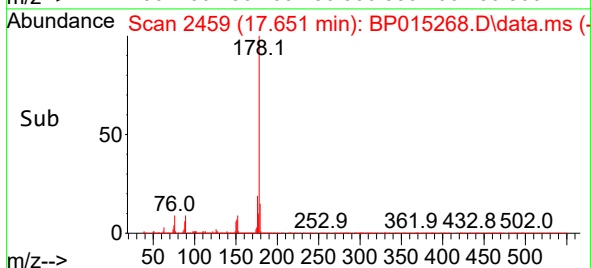
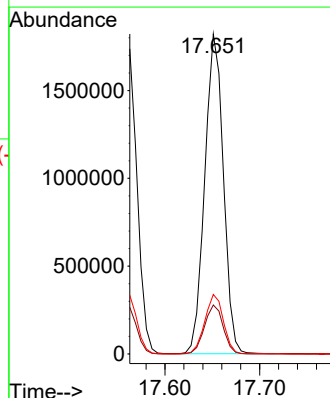
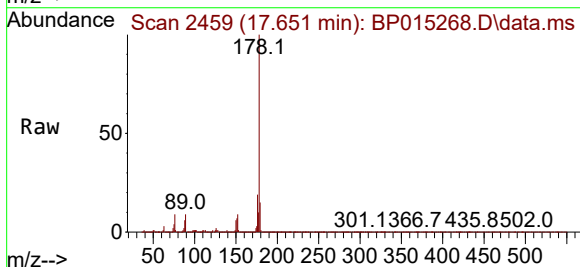
Tgt Ion:178 Resp: 2481640

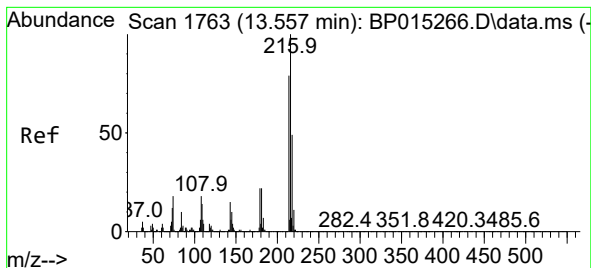
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.6 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.508 ng/uL

RT: 13.563 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

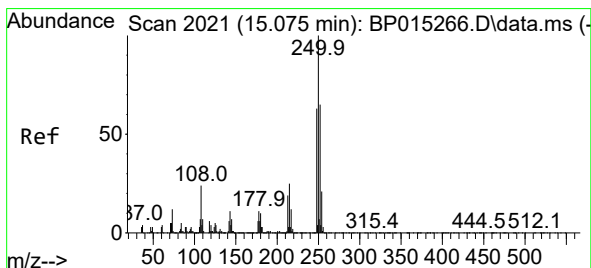
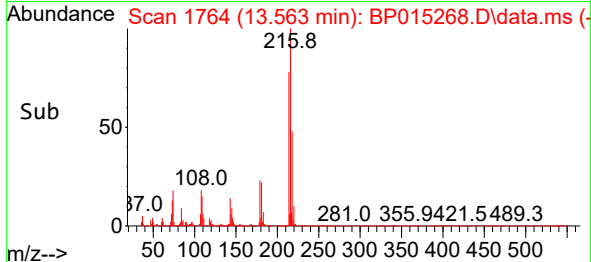
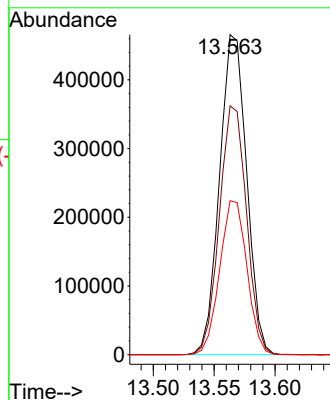
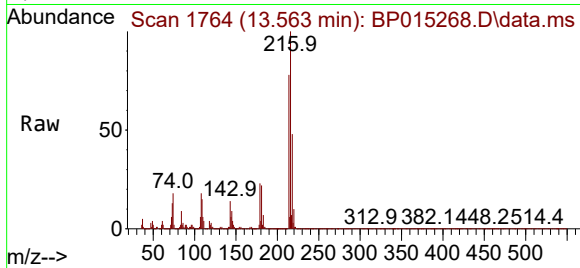
Tgt Ion:216 Resp: 722741

Ion Ratio Lower Upper

216 100

214 77.7 62.2 93.4

218 48.1 38.2 57.2



#76

Pentachlorobenzene

Concen: 38.522 ng/uL

RT: 15.081 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

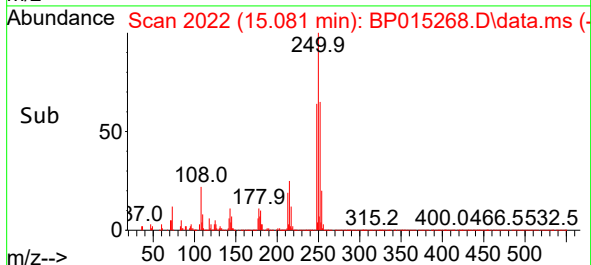
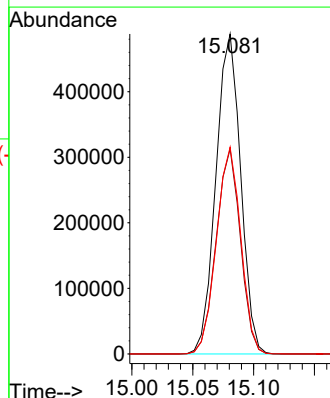
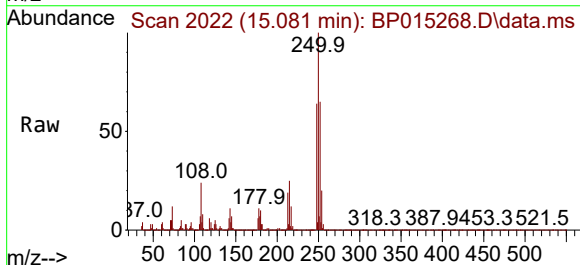
Tgt Ion:250 Resp: 690113

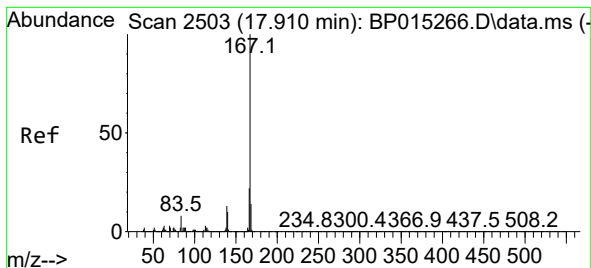
Ion Ratio Lower Upper

250 100

248 64.0 49.8 74.6

252 64.6 51.6 77.4





#77

Carbazole

Concen: 35.470 ng/ul

RT: 17.916 min Scan# 2504

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

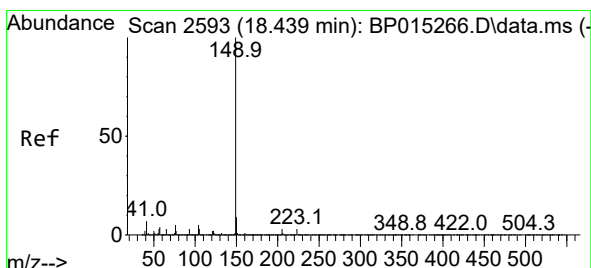
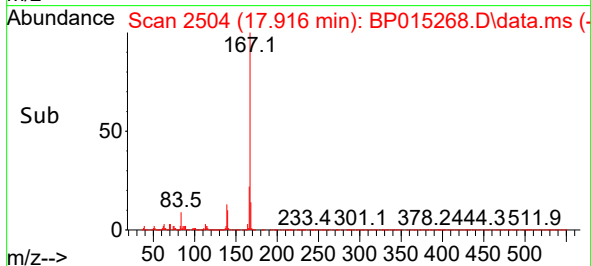
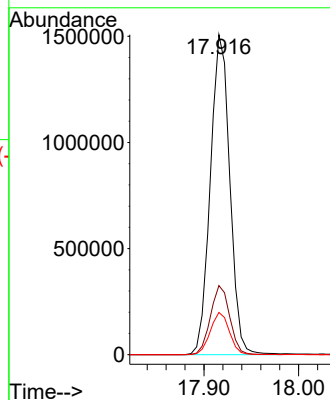
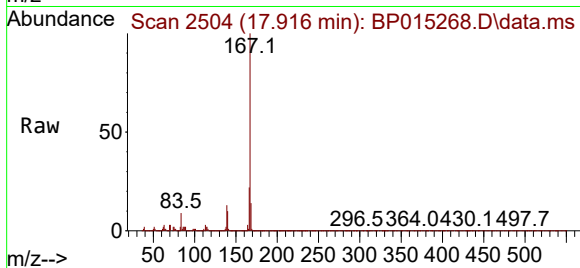
Tgt Ion:167 Resp: 2155173

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.2 10.2 15.4



#78

Di-n-butylphthalate

Concen: 38.023 ng/ul

RT: 18.445 min Scan# 2594

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

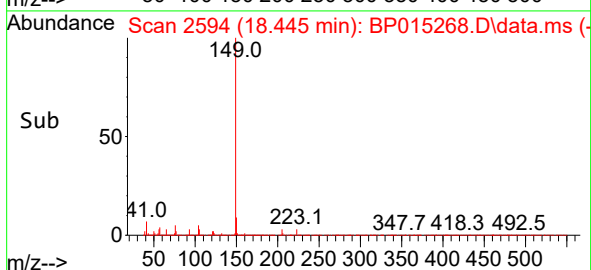
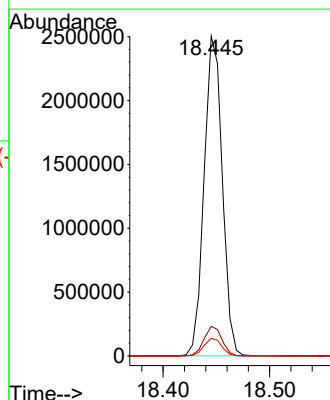
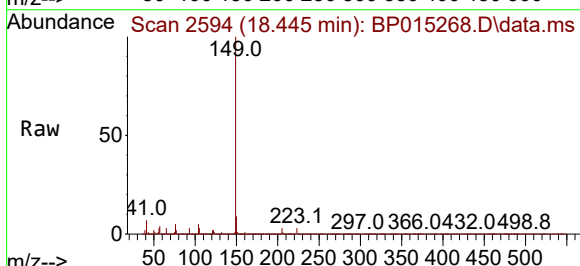
Tgt Ion:149 Resp: 2975214

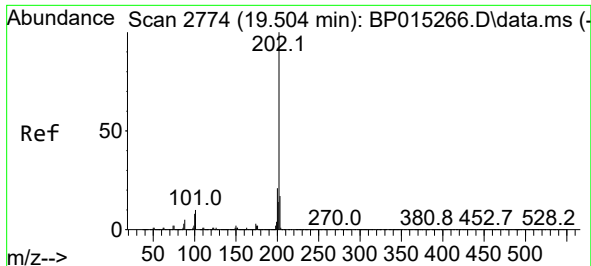
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.5 3.9 5.9

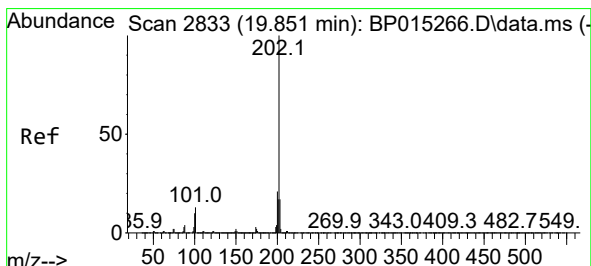
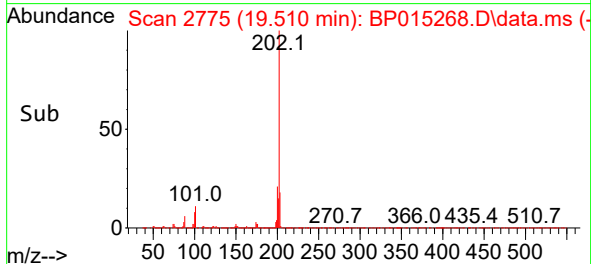
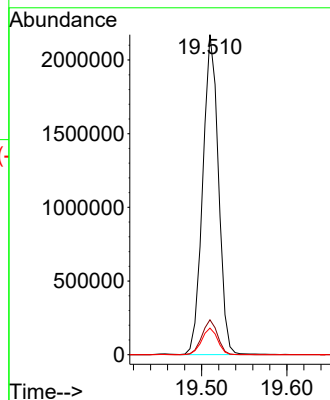
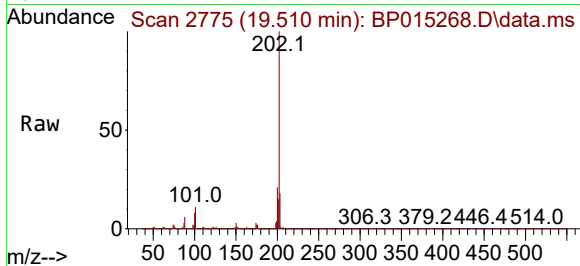




#80
Fluoranthene
Concen: 44.750 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

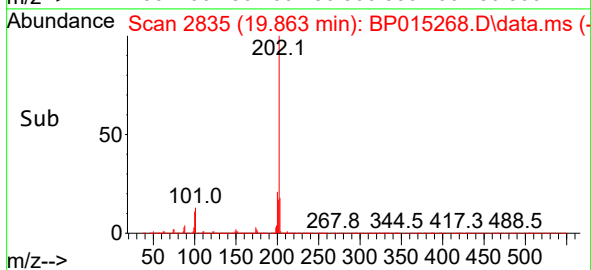
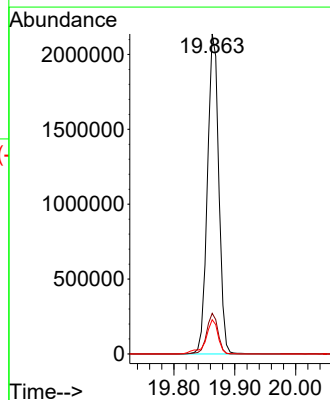
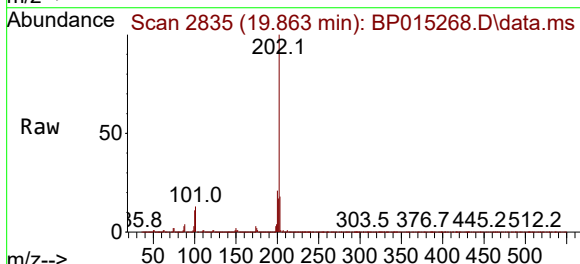
Instrument :
BNA_P
ClientSampleId :
SLCS975

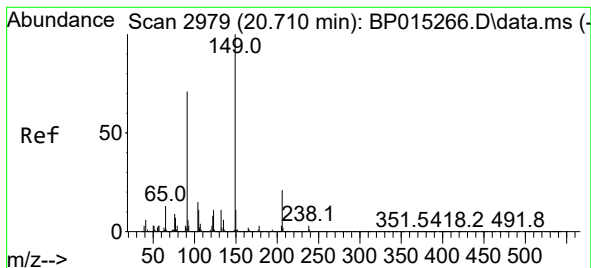
Tgt Ion:202 Resp: 2775311
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.3 7.3 10.9



#82
Pyrene
Concen: 43.136 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. 0.006 min
Lab File: BP015268.D
Acq: 24 May 2023 09:54

Tgt Ion:202 Resp: 2762595
Ion Ratio Lower Upper
202 100
101 12.7 11.2 16.8
100 10.7 9.0 13.6





#83

Butylbenzylphthalate

Concen: 43.624 ng/ul

RT: 20.716 min Scan# 2979

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

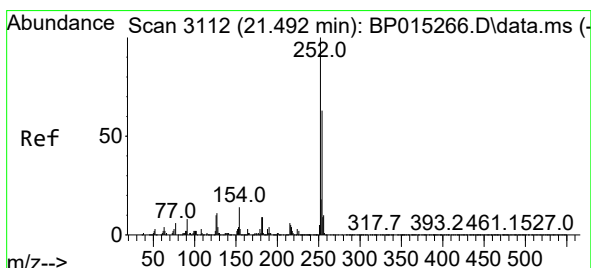
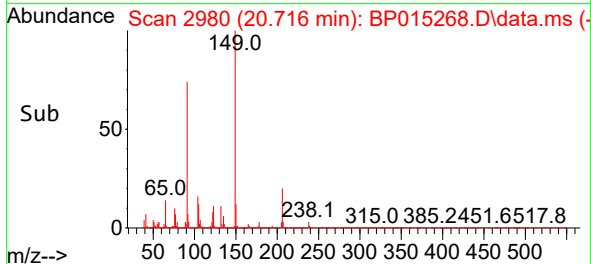
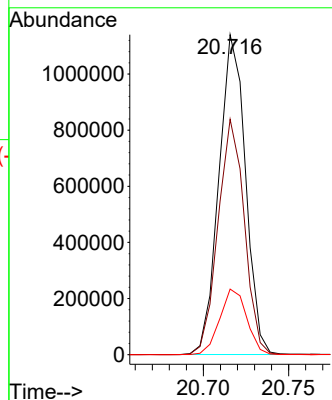
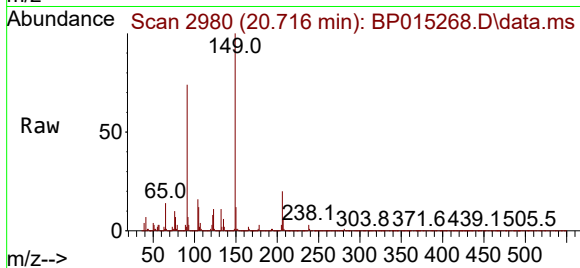
Tgt Ion:149 Resp: 1238587

Ion Ratio Lower Upper

149 100

91 73.6 57.4 86.2

206 20.5 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 38.110 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. 0.012 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

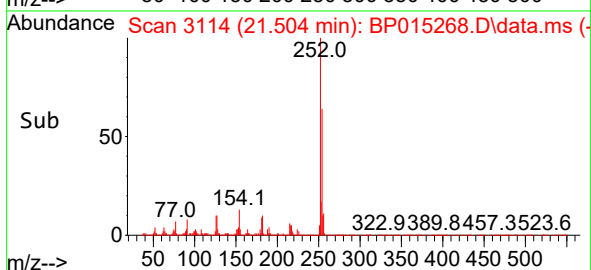
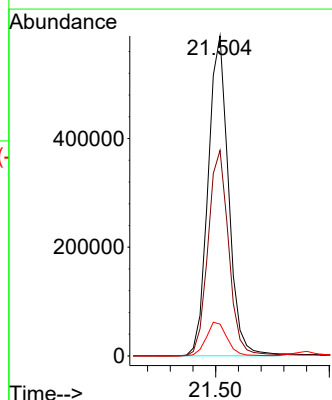
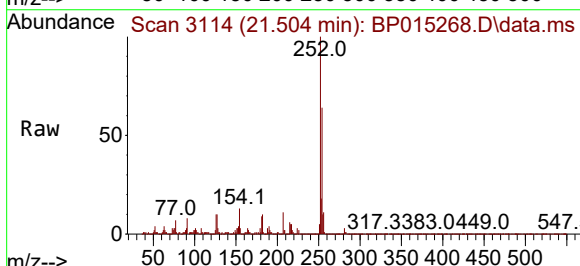
Tgt Ion:252 Resp: 734317

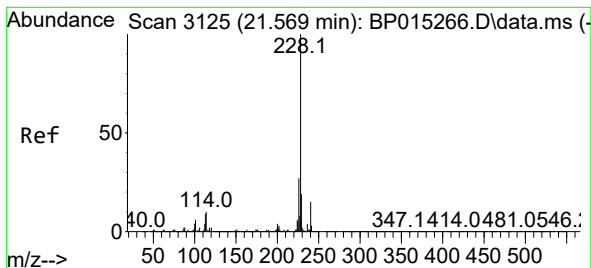
Ion Ratio Lower Upper

252 100

254 64.3 50.8 76.2

126 10.0 9.8 14.8





#85

Benzo(a)anthracene

Concen: 38.802 ng/ul

RT: 21.580 min Scan# 3125

Delta R.T. 0.012 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

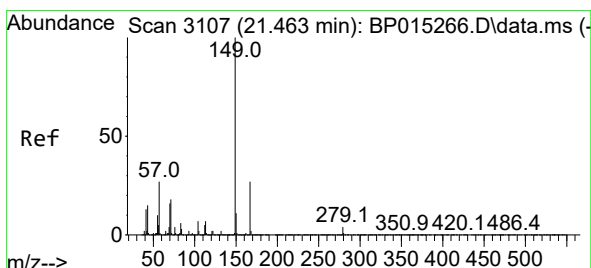
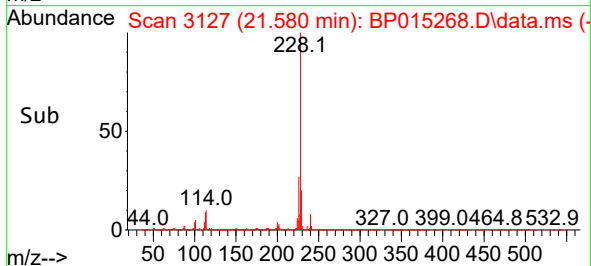
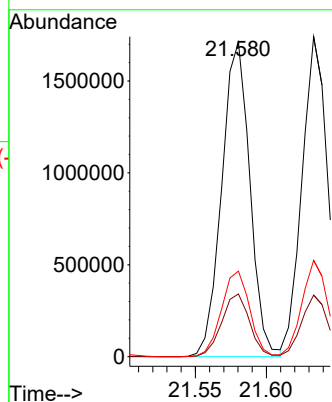
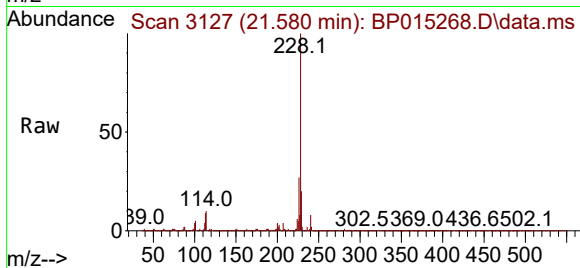
Tgt Ion:228 Resp: 2353836

Ion Ratio Lower Upper

228 100

229 19.9 16.1 24.1

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 44.573 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

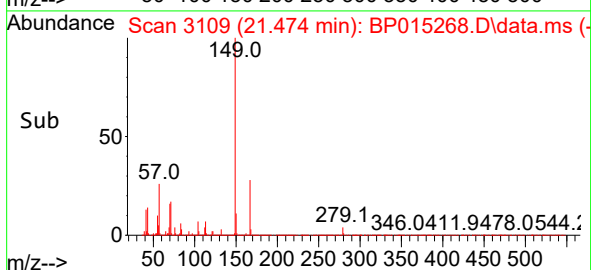
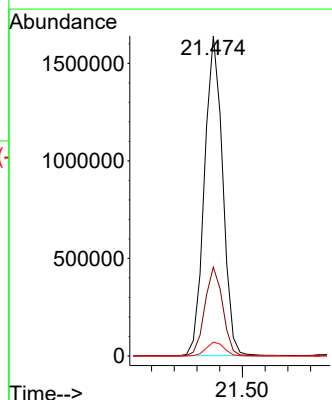
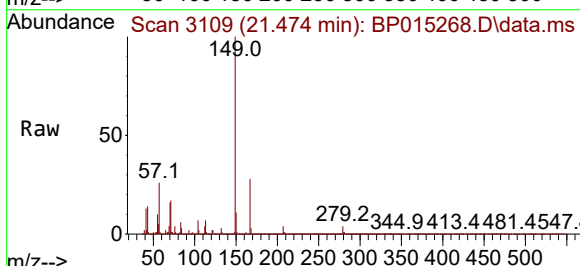
Tgt Ion:149 Resp: 1821974

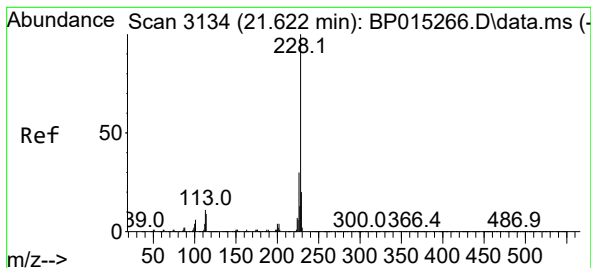
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 4.4 3.2 4.8





#87

Chrysene

Concen: 37.841 ng/ul

RT: 21.633 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

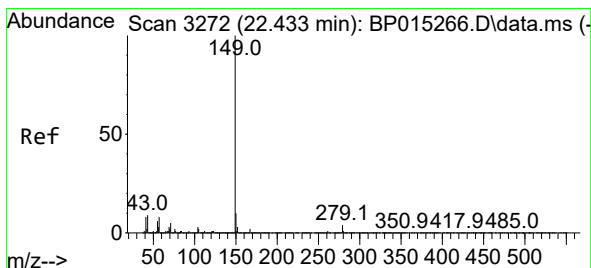
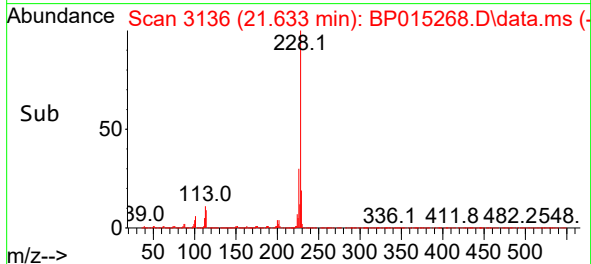
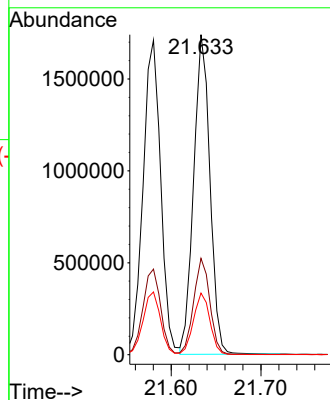
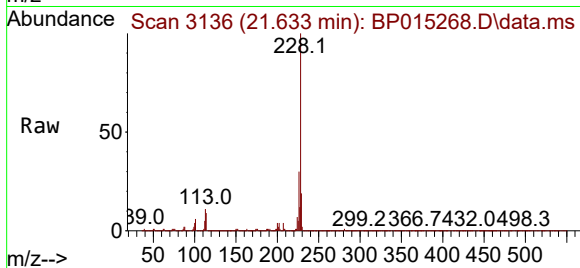
Tgt Ion:228 Resp: 2194380

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 19.2 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 44.763 ng/ul

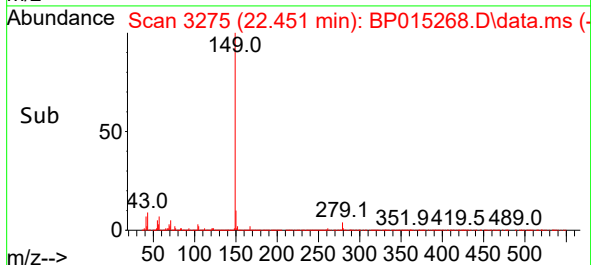
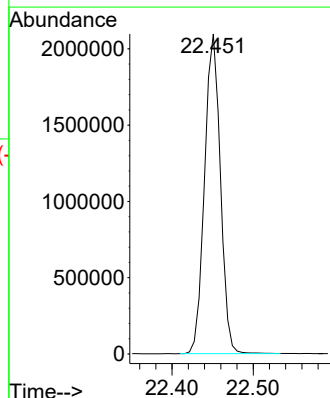
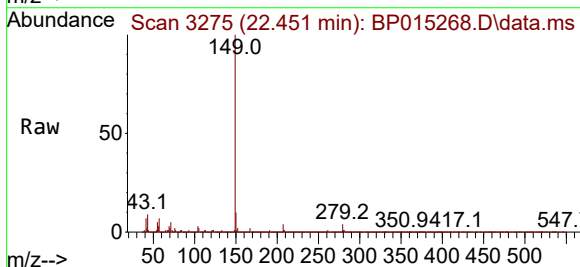
RT: 22.451 min Scan# 3275

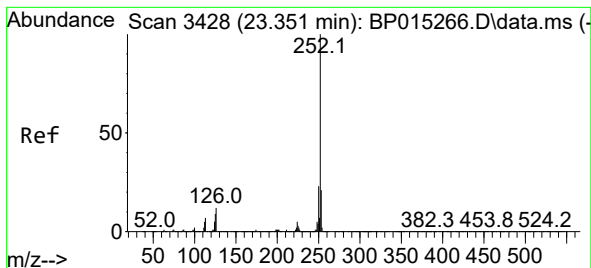
Delta R.T. 0.012 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Tgt Ion:149 Resp: 2833729





#90

Benzo(b)fluoranthene

Concen: 38.542 ng/ul

RT: 23.368 min Scan# 3428

Delta R.T. 0.017 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

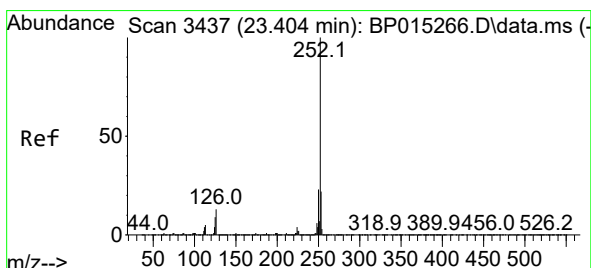
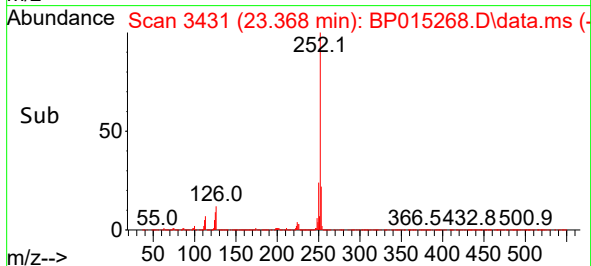
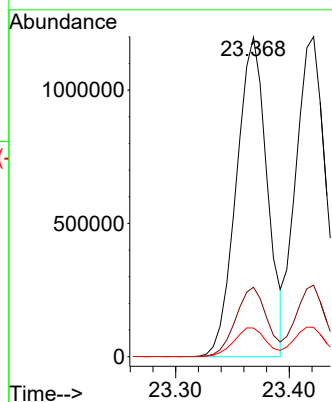
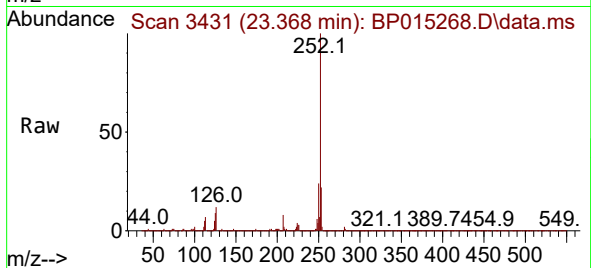
Tgt Ion:252 Resp: 2258461

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 8.3 12.5



#91

Benzo(k)fluoranthene

Concen: 38.729 ng/ul

RT: 23.421 min Scan# 3440

Delta R.T. 0.017 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

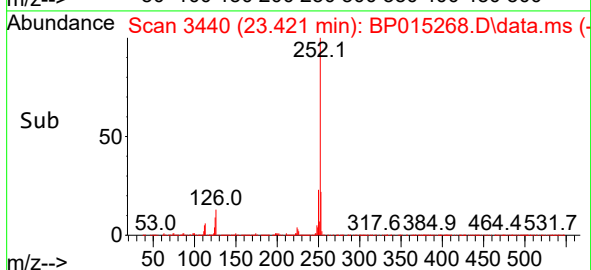
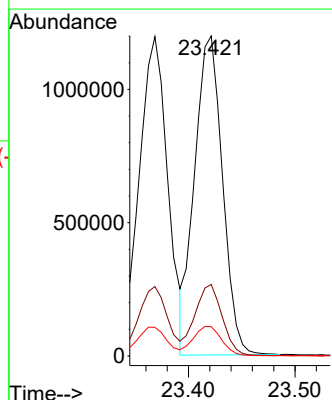
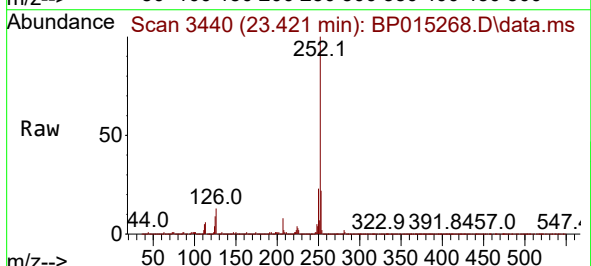
Tgt Ion:252 Resp: 2179165

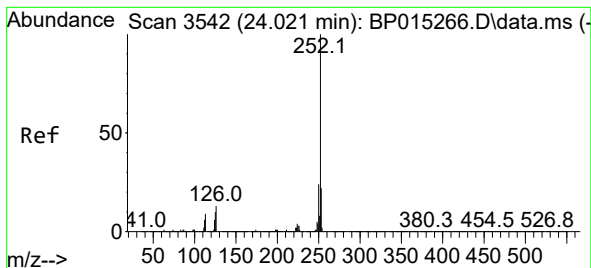
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.2 8.5 12.7





#93

Benzo(a)pyrene

Concen: 37.599 ng/ul

RT: 24.045 min Scan# 3

Delta R.T. 0.017 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

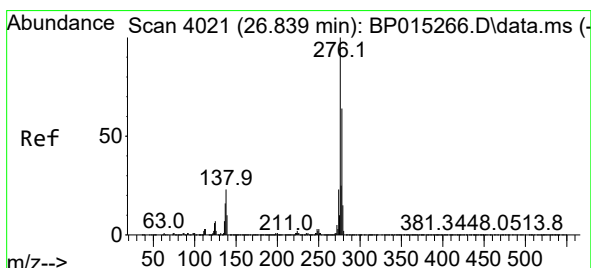
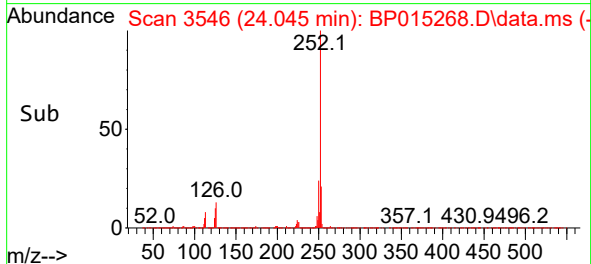
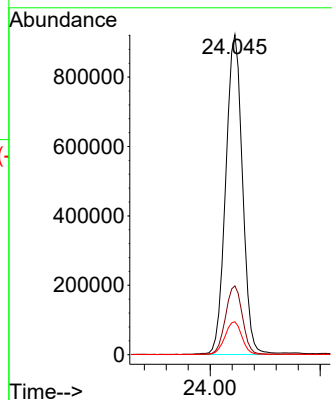
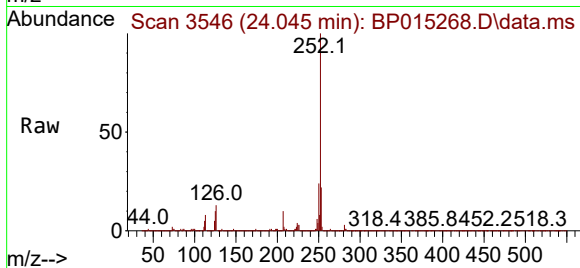
Tgt Ion:252 Resp: 1947389

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 10.3 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.859 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. 0.029 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

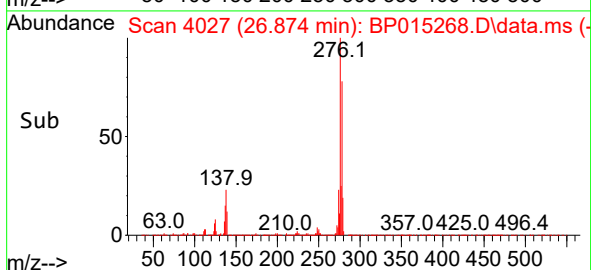
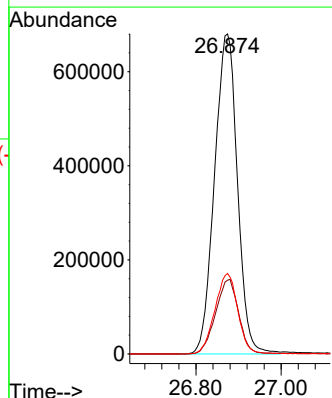
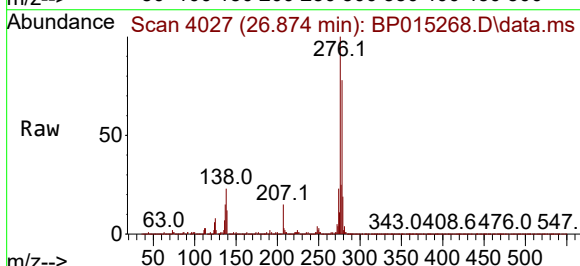
Tgt Ion:276 Resp: 2538954

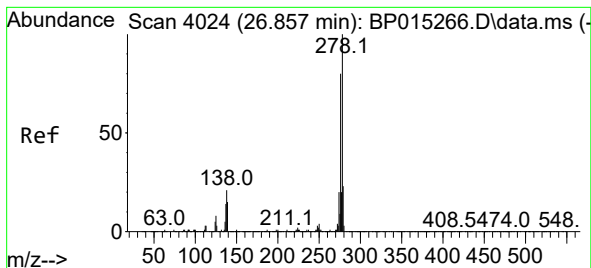
Ion Ratio Lower Upper

276 100

138 23.0 20.1 30.1

277 25.2 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 38.294 ng/ul

RT: 26.886 min Scan# 4024

Delta R.T. 0.023 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Instrument :

BNA_P

ClientSampleId :

SLCS975

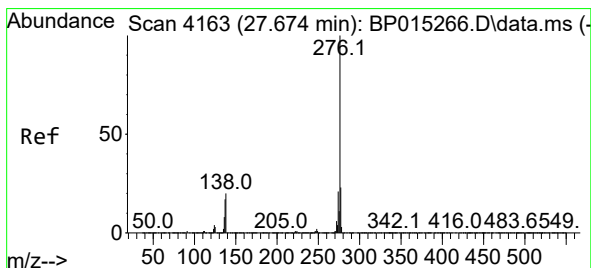
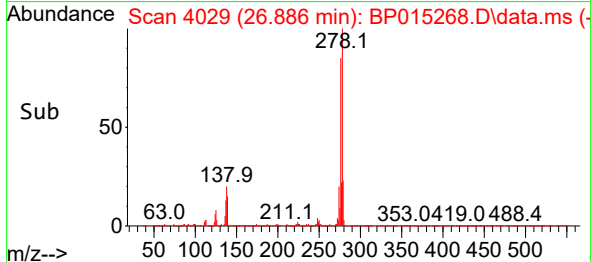
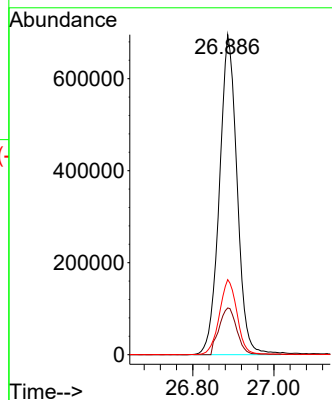
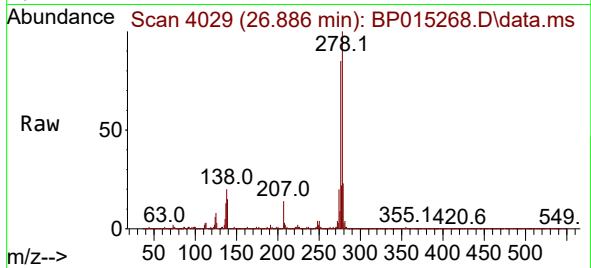
Tgt Ion:278 Resp: 2108125

Ion Ratio Lower Upper

278 100

139 14.6 13.3 19.9

279 23.5 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 37.998 ng/ul

RT: 27.709 min Scan# 4169

Delta R.T. 0.035 min

Lab File: BP015268.D

Acq: 24 May 2023 09:54

Tgt Ion:276 Resp: 2078012

Ion Ratio Lower Upper

276 100

138 19.9 17.7 26.5

277 23.4 18.8 28.2

