

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050123\
 Data File : BP014913.D
 Acq On : 01 May 2023 14:07
 Operator : CG/JU
 Sample : PB152489BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS489

Quant Time: May 02 00:19:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 29 00:40:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	193459	20.000	ng/u1	0.00
20) Naphthalene-d8	11.010	136	762918	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	426756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	853525	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	779311	20.000	ng/u1	0.00
88) Perylene-d12	24.269	264	841934	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	34856	6.493	ng/uL	0.00
4) Pyridine-d5	3.905	84	479003	37.122	ng/u1	0.00
7) Phenol-d5	7.311	99	549280	36.277	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	352587	37.127	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	442549	38.602	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	424342	36.779	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	198862	36.303	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	204700	40.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.622	165	409377	37.906	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	526349	33.709	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	1138431	37.223	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	1371792	37.550	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	184612	40.567	ng/u1	0.00
60) Fluorene-d10	15.810	176	969268	36.357	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	167653	46.437	ng/u1	0.00
73) Anthracene-d10	17.675	188	1484377	38.080	ng/u1	0.00
81) Pyrene-d10	19.892	212	1628938	37.634	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.098	264	1583058	38.068	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	76871	13.449	ng/uL	99
5) Pyridine	3.923	79	479870	35.460	ng/u1	99
6) Benzaldehyde	7.299	77	340928	79.461	ng/u1	99
8) Phenol	7.340	94	590373	37.595	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.581	93	493616	36.683	ng/u1	99
12) 2-Chlorophenol	7.728	128	469693	38.181	ng/u1	98
13) 2-Methylphenol	8.611	108	431717	35.488	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.711	45	630048	37.059	ng/u1	97
16) Acetophenone	9.005	105	711044	37.942	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.987	70	352615	39.634	ng/u1	98
18) 4-Methylphenol	8.946	108	474902	36.992	ng/u1	100
19) Hexachloroethane	9.269	117	209684	36.181	ng/u1	98
22) Nitrobenzene	9.393	77	522783	37.620	ng/u1	100
23) Isophorone	9.922	82	984104	39.313	ng/u1	98
25) 2-Nitrophenol	10.111	139	232865	41.220	ng/u1	95
26) 2,4-Dimethylphenol	10.163	107	490388	36.385	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.405	93	638229	36.971	ng/u1	99
29) 2,4-Dichlorophenol	10.646	162	419246	38.870	ng/u1	98
30) Naphthalene	11.058	128	1507141	35.927	ng/u1	100
32) 4-Chloroaniline	11.163	127	517091	31.740	ng/u1	99
33) Hexachlorobutadiene	11.346	225	276527	33.376	ng/u1	98
34) Caprolactam	11.934	113	74208	26.812	ng/u1	98
35) 4-Chloro-3-methylphenol	12.269	107	416989	37.683	ng/u1	99
36) 2-Methylnaphthalene	12.657	142	924680	34.932	ng/u1	99

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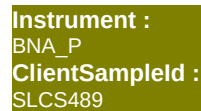
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 Quant Title : SVOA CALIBRATION
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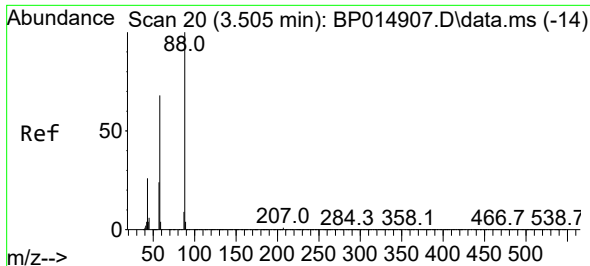
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.875	142	963917	36.269	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.016	216	496734	34.832	ng/ul	99
40) Hexachlorocyclopentadiene	12.999	237	296889	33.163	ng/ul	100
41) 2,4,6-Trichlorophenol	13.252	196	306264	42.267	ng/ul	95
42) 2,4,5-Trichlorophenol	13.322	196	336391	38.503	ng/ul	99
43) 1,1'-Biphenyl	13.652	154	1250030	36.507	ng/ul	99
44) 2-Chloronaphthalene	13.699	162	978283	36.276	ng/ul	99
45) 2-Nitroaniline	13.899	65	231628	39.317	ng/ul	99
47) Dimethylphthalate	14.263	163	1167316	36.921	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	216263	37.971	ng/ul	94
50) Acenaphthylene	14.540	152	1519061	37.197	ng/ul	99
51) 3-Nitroaniline	14.716	138	200596	43.444	ng/ul	96
52) Acenaphthene	14.881	153	1037956	36.874	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	97834	45.473	ng/ul	91
55) 4-Nitrophenol	15.010	109	140617	40.860	ng/ul	97
56) Dibenzofuran	15.216	168	1411551	36.382	ng/ul	98
57) 2,4-Dinitrotoluene	15.169	165	314181	40.018	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.440	232	277578	41.629	ng/ul	98
59) Diethylphthalate	15.628	149	1165185	37.790	ng/ul	100
61) Fluorene	15.863	166	1147399	36.991	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.857	204	559491	35.690	ng/ul	99
63) 4-Nitroaniline	15.881	138	203701	55.249	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.934	198	180063	48.146	ng/ul	97
67) N-Nitrosodiphenylamine	16.069	169	951009	37.766	ng/ul	100
68) 4-Bromophenyl-phenylether	16.751	248	329377	35.467	ng/ul	97
69) Hexachlorobenzene	16.875	284	382394	34.933	ng/ul	99
70) Atrazine	17.016	200	299210	32.820	ng/ul	98
71) Pentachlorophenol	17.216	266	216015	44.589	ng/ul	99
72) Phenanthrene	17.616	178	1759841	37.491	ng/ul	99
74) Anthracene	17.710	178	1780341	37.860	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	497762	35.407	ng/ul	99
76) Pentachlorobenzene	15.134	250	462079	34.240	ng/ul	99
77) Carbazole	17.969	167	1521442	37.931	ng/ul	99
78) Di-n-butylphthalate	18.504	149	1898695	38.157	ng/ul	100
80) Fluoranthene	19.569	202	1960414	37.433	ng/ul	100
82) Pyrene	19.922	202	2103341	37.789	ng/ul	99
83) Butylbenzylphthalate	20.775	149	775701	37.032	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.563	252	614875	36.352	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1900233	36.353	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	1160481	36.547	ng/ul	98
87) Chrysene	21.698	228	1898488	36.493	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	1960341	35.902	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	1926435	36.771	ng/ul	99
91) Benzo(k)fluoranthene	23.516	252	2078929	38.248	ng/ul	99
93) Benzo(a)pyrene	24.151	252	1805892	37.901	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	2341569	37.007	ng/ul	98
95) Dibenzo(a,h)anthracene	27.057	278	1942701	37.124	ng/ul	98
96) Benzo(g,h,i)perylene	27.892	276	1927195	36.904	ng/ul	99

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

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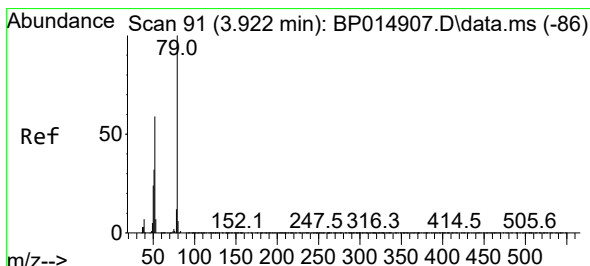
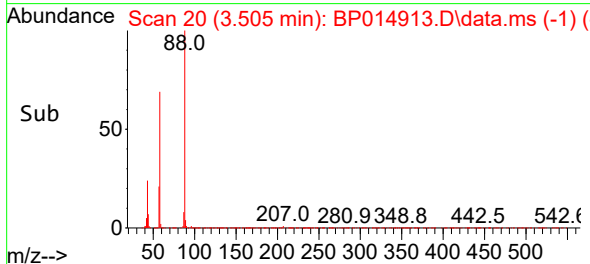
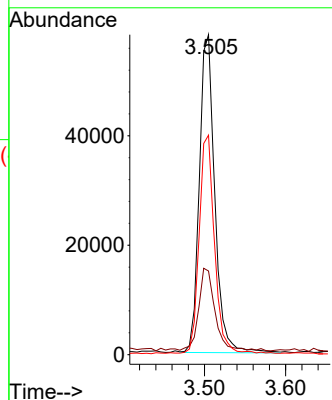
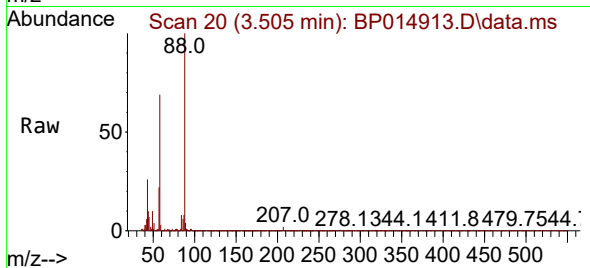




#2
1,4-Dioxane
Concen: 13.449 ng/uL
RT: 3.505 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP014913.D
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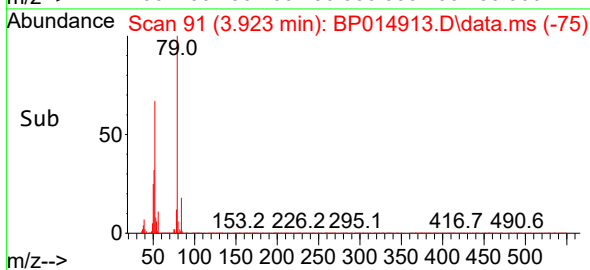
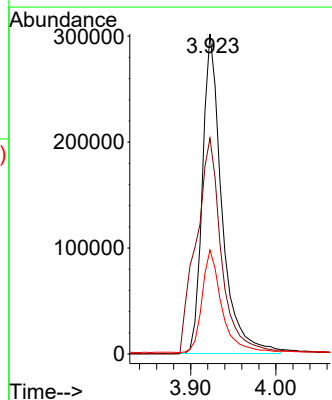
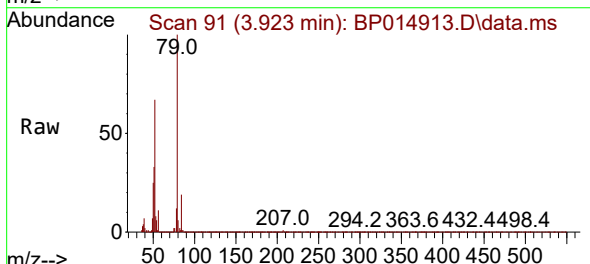
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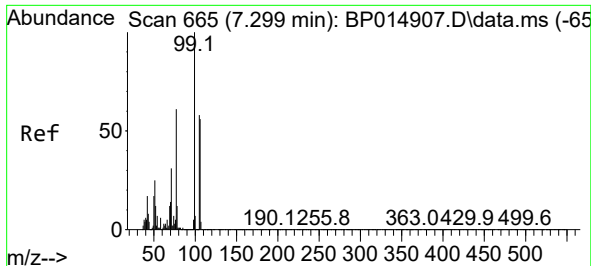
Tgt Ion: 88 Resp: 76871
Ion Ratio Lower Upper
88 100
43 26.2 22.2 33.4
58 68.6 55.1 82.7



#5
Pyridine
Concen: 35.460 ng/uL
RT: 3.923 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion: 79 Resp: 479870
Ion Ratio Lower Upper
79 100
52 67.4 53.2 79.8
51 32.5 26.5 39.7

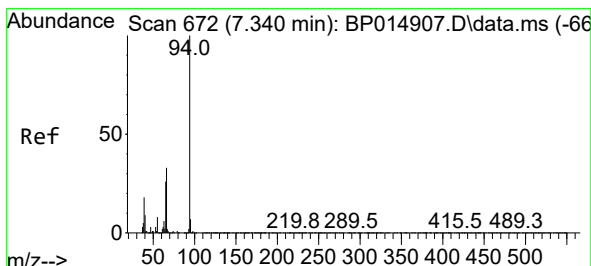
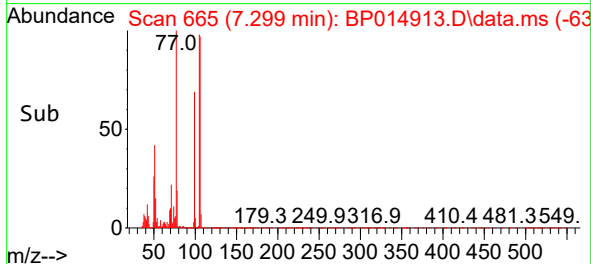
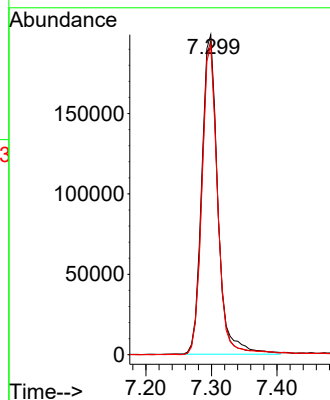
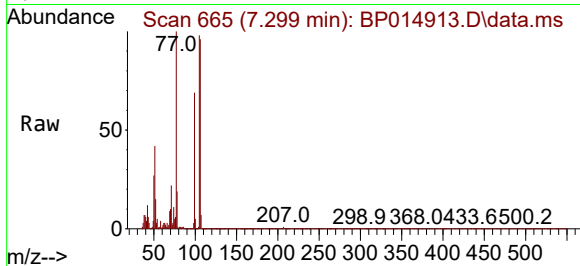




#6
Benzaldehyde
Concen: 79.461 ng/ul
RT: 7.299 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

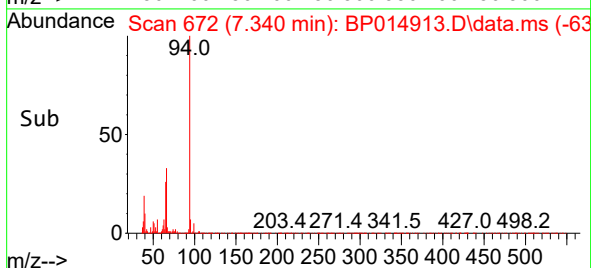
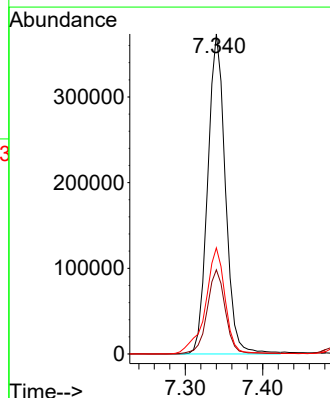
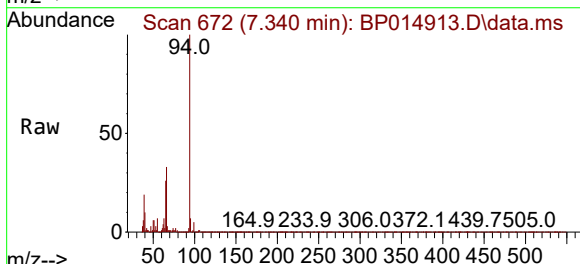
Instrument :
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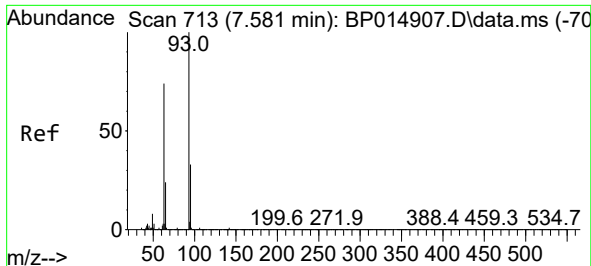
Tgt Ion: 77 Resp: 340928
Ion Ratio Lower Upper
77 100
105 98.0 79.4 119.0
106 96.5 77.6 116.4



#8
Phenol
Concen: 37.595 ng/ul
RT: 7.340 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion: 94 Resp: 590373
Ion Ratio Lower Upper
94 100
65 26.3 21.1 31.7
66 33.1 26.3 39.5

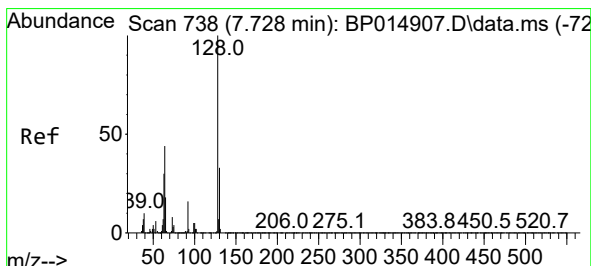
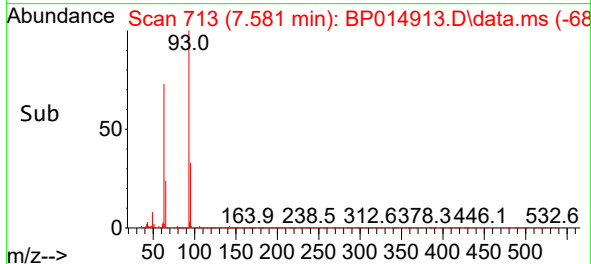
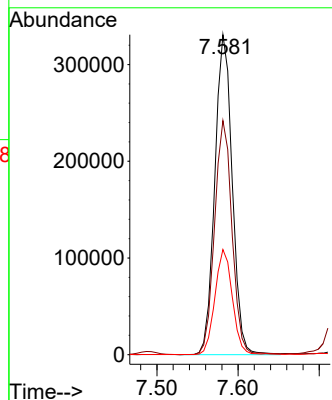
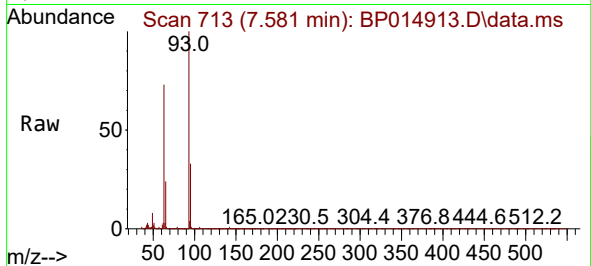




#10
Bis(2-Chloroethyl)ether
Concen: 36.683 ng/ul
RT: 7.581 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

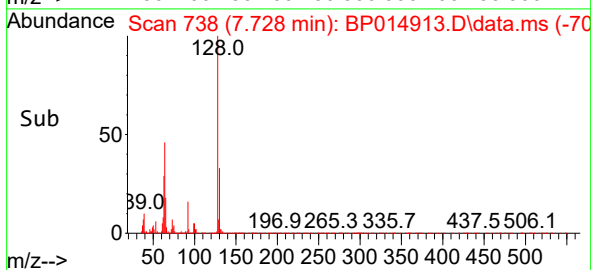
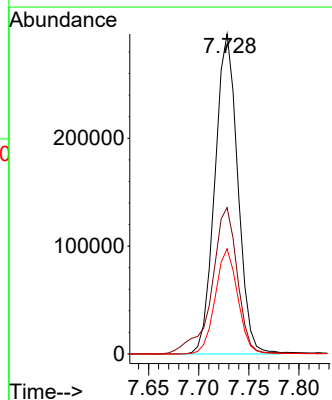
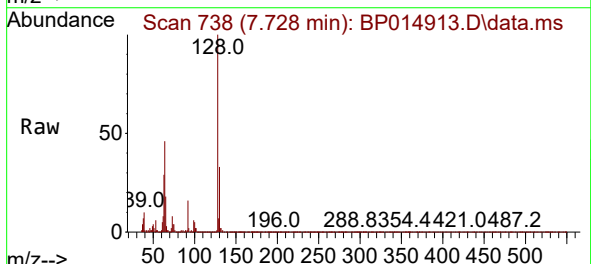
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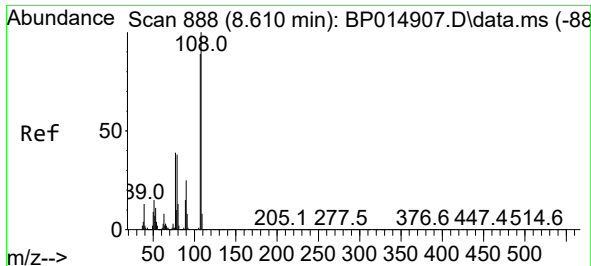
Tgt Ion: 93 Resp: 493616
Ion Ratio Lower Upper
93 100
63 73.2 57.9 86.9
95 32.9 26.4 39.6



#12
2-Chlorophenol
Concen: 38.181 ng/ul
RT: 7.728 min Scan# 738
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:128 Resp: 469693
Ion Ratio Lower Upper
128 100
64 45.8 35.5 53.3
130 32.9 26.8 40.2





#13

2-Methylphenol

Concen: 35.488 ng/ul

RT: 8.611 min Scan# 888

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

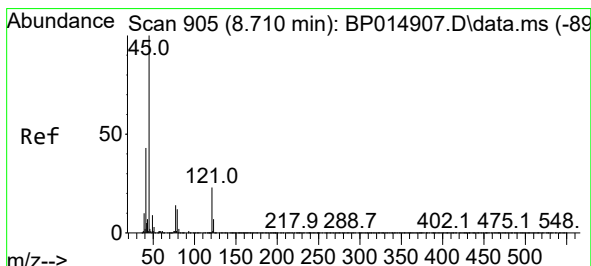
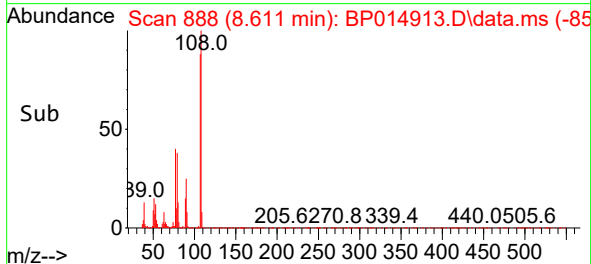
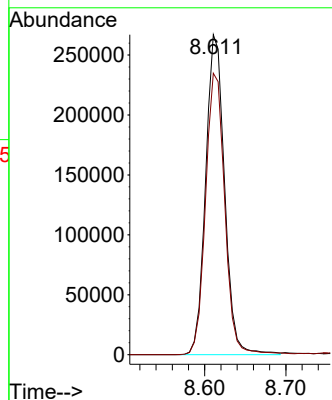
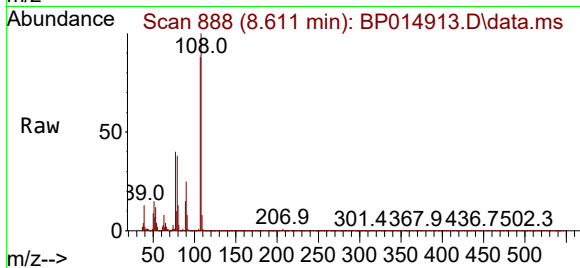
SLCS489

Tgt Ion:108 Resp: 431717

Ion Ratio Lower Upper

108 100

107 87.9 71.3 106.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.059 ng/ul

RT: 8.711 min Scan# 905

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

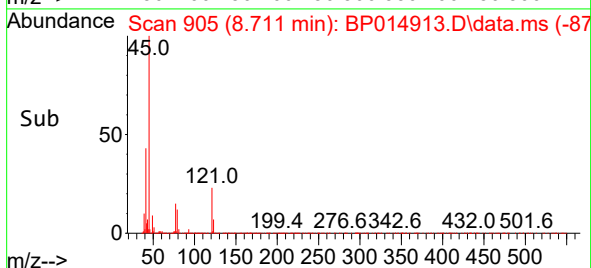
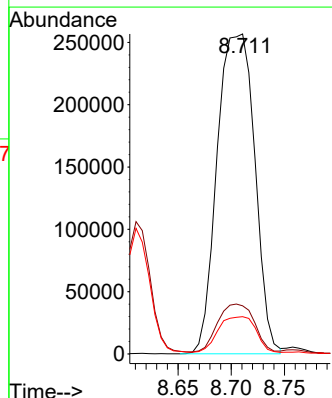
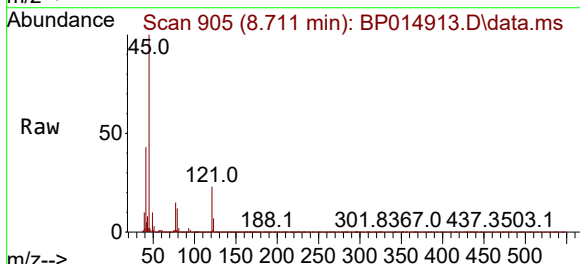
Tgt Ion: 45 Resp: 630048

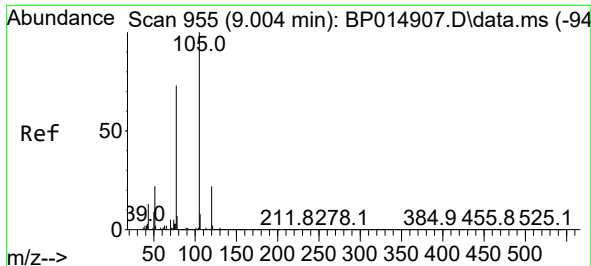
Ion Ratio Lower Upper

45 100

77 15.0 12.7 19.1

79 11.6 10.3 15.5

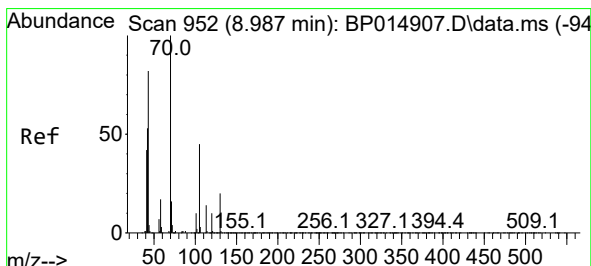
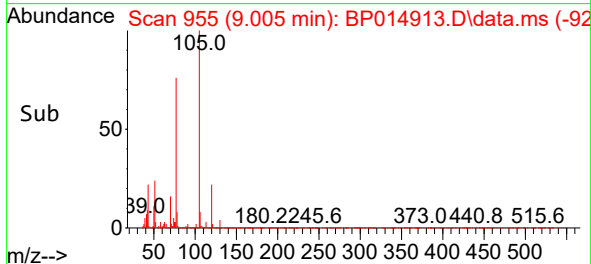
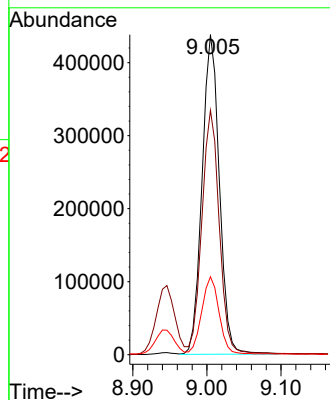
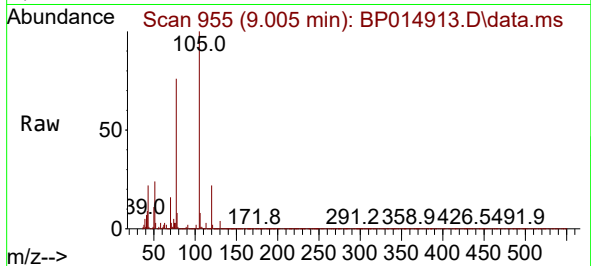




#16
Acetophenone
Concen: 37.942 ng/ul
RT: 9.005 min Scan# 91
Delta R.T. -0.006 min
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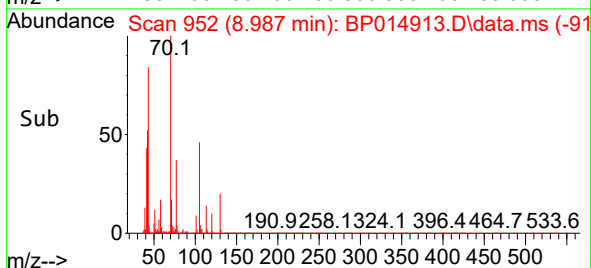
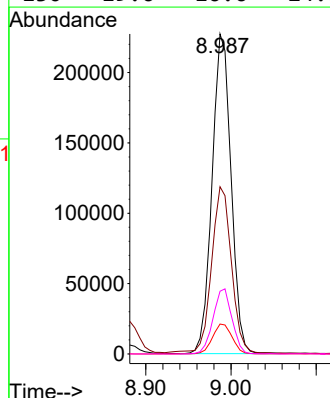
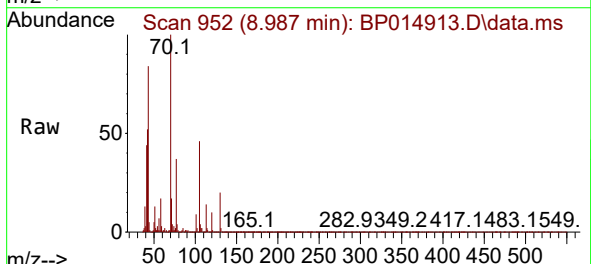
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ClientSampleId :
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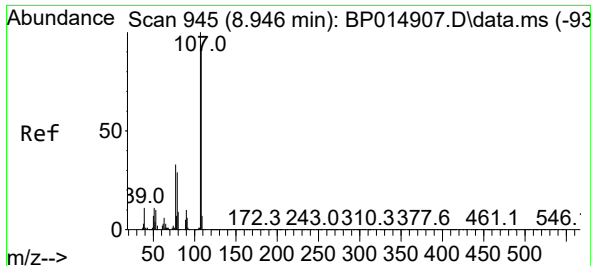
Tgt Ion:105 Resp: 711044
Ion Ratio Lower Upper
105 100
77 76.4 59.8 89.6
51 24.4 19.4 29.2



#17
N-Nitroso-di-n-propylamine
Concen: 39.634 ng/ul
RT: 8.987 min Scan# 952
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion: 70 Resp: 352615
Ion Ratio Lower Upper
70 100
42 52.3 40.9 61.3
101 9.3 8.2 12.4
130 19.6 16.6 24.8

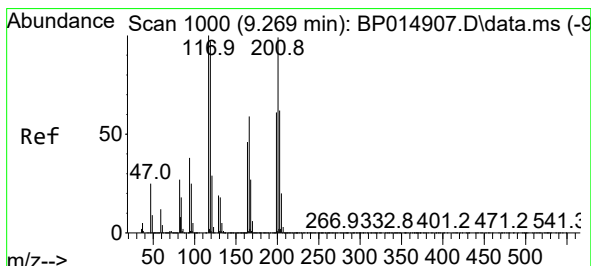
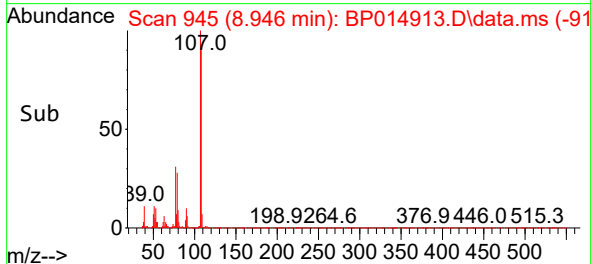
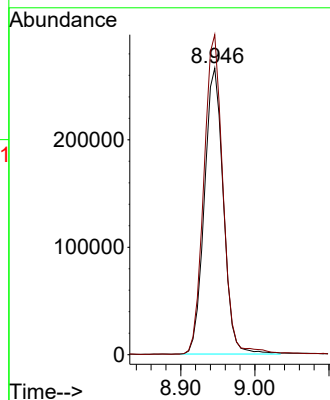
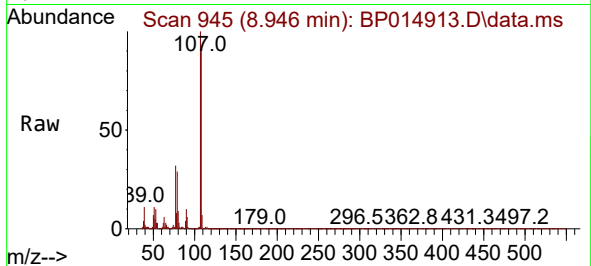




#18
4-Methylphenol
Concen: 36.992 ng/ul
RT: 8.946 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

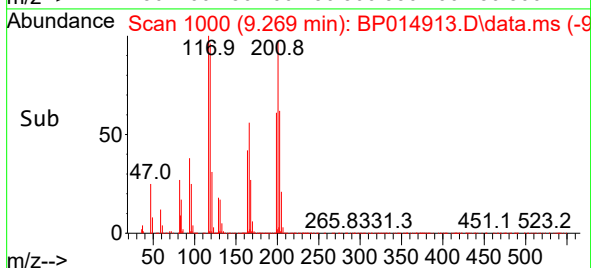
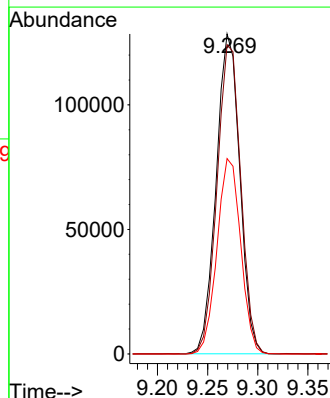
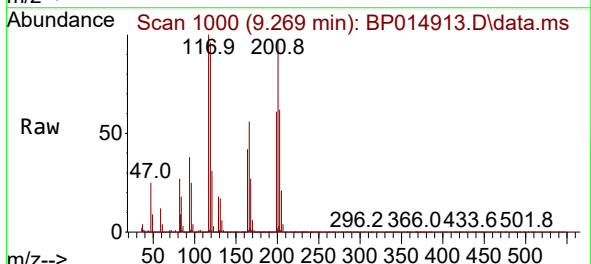
Instrument :
BNA_P
ClientSampleId :
SLCS489

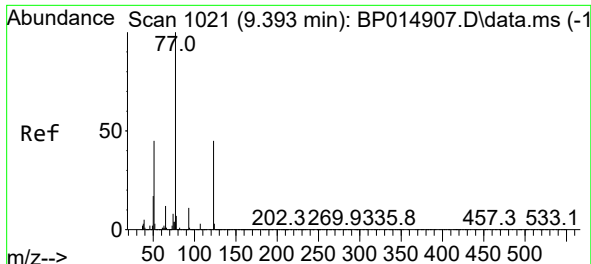
Tgt Ion:108 Resp: 474902
Ion Ratio Lower Upper
108 100
107 111.7 89.2 133.8



#19
Hexachloroethane
Concen: 36.181 ng/ul
RT: 9.269 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:117 Resp: 209684
Ion Ratio Lower Upper
117 100
201 96.7 78.9 118.3
199 61.0 49.4 74.0

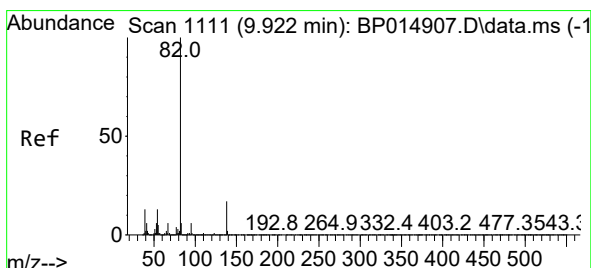
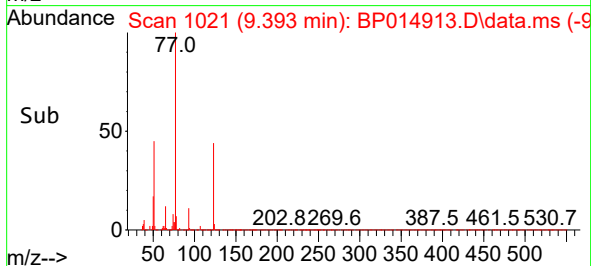
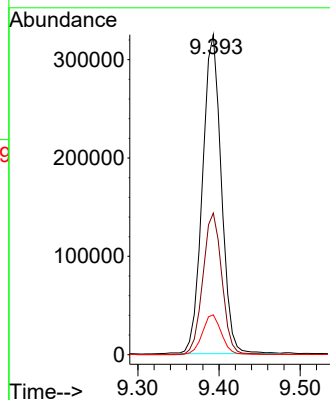
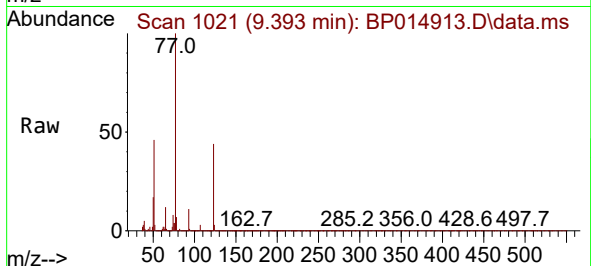




#22
Nitrobenzene
Concen: 37.620 ng/ul
RT: 9.393 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

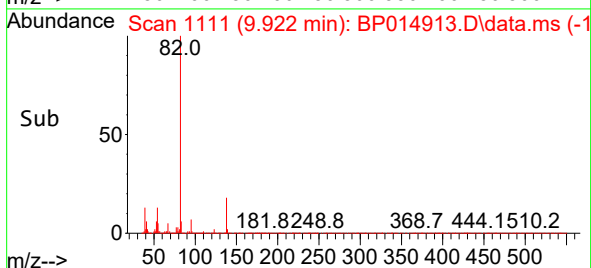
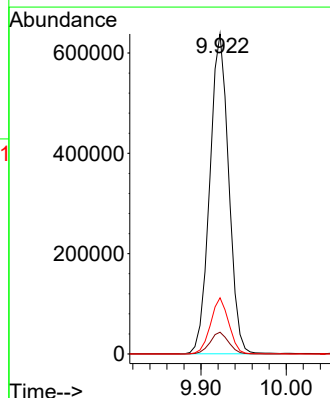
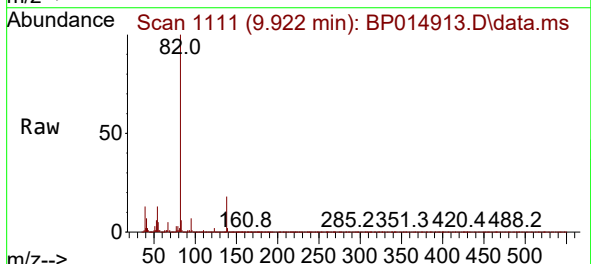
Instrument :
BNA_P
ClientSampleId :
SLCS489

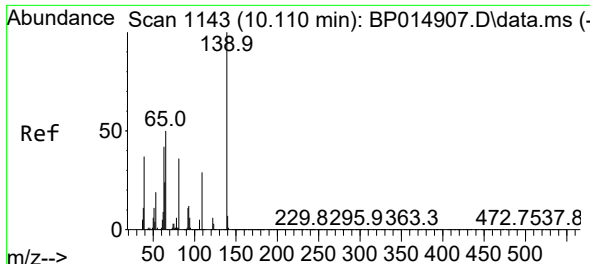
Tgt Ion: 77 Resp: 522783
Ion Ratio Lower Upper
77 100
123 44.2 35.7 53.5
65 12.5 10.0 15.0



#23
Isophorone
Concen: 39.313 ng/ul
RT: 9.922 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion: 82 Resp: 984104
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.6 13.3 19.9

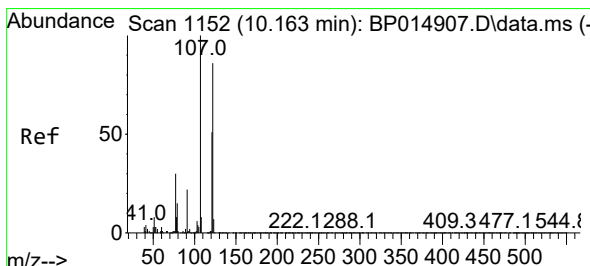
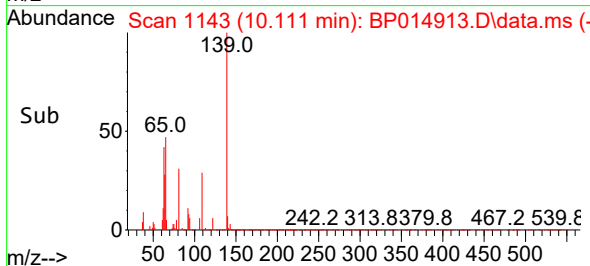
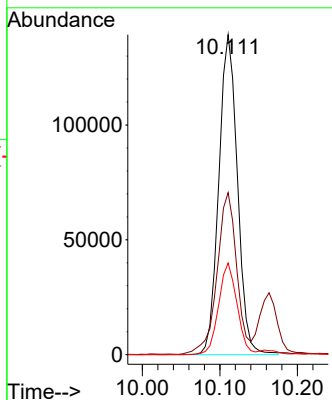
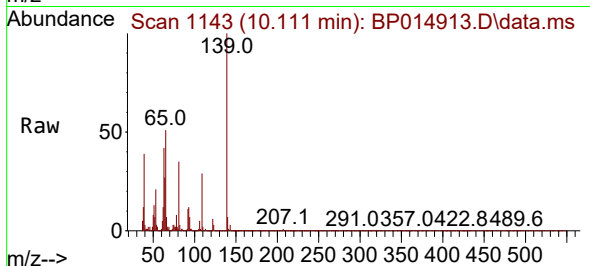




#25
2-Nitrophenol
Concen: 41.220 ng/ul
RT: 10.111 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

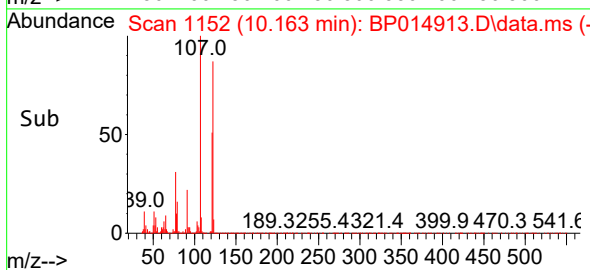
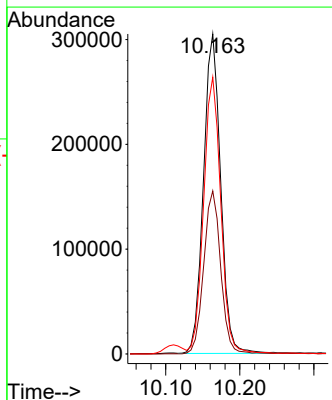
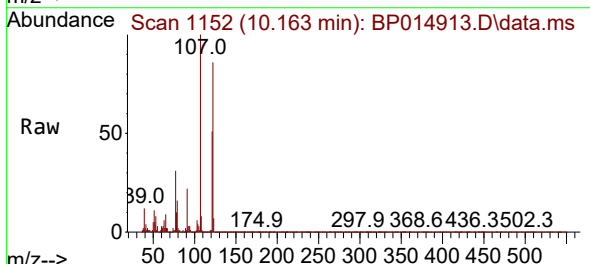
Instrument :
BNA_P
ClientSampleId :
SLCS489

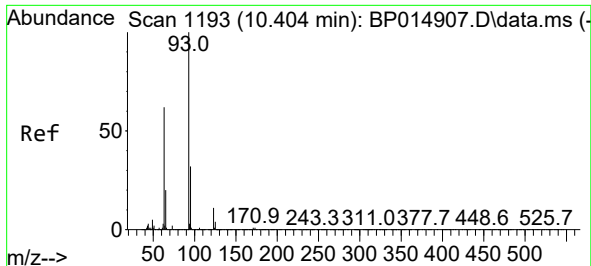
Tgt Ion:139 Resp: 232865
Ion Ratio Lower Upper
139 100
65 50.7 37.0 55.4
109 28.6 22.0 33.0



#26
2,4-Dimethylphenol
Concen: 36.385 ng/ul
RT: 10.163 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:107 Resp: 490388
Ion Ratio Lower Upper
107 100
121 51.0 40.4 60.6
122 86.5 69.3 103.9

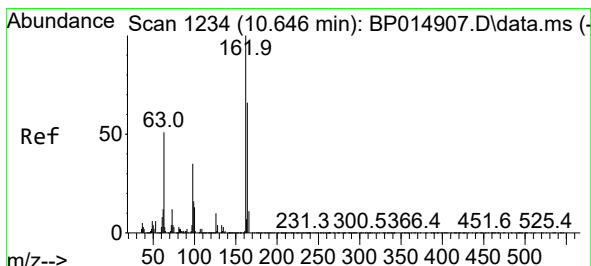
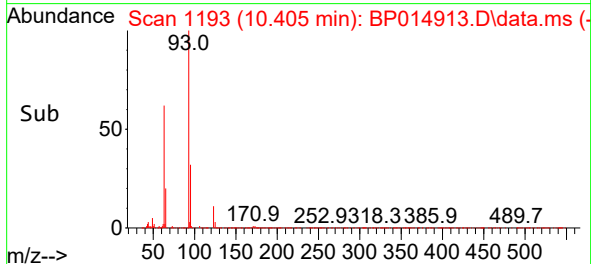
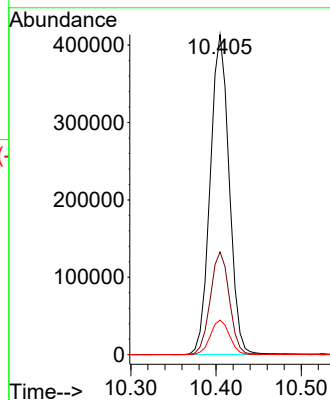
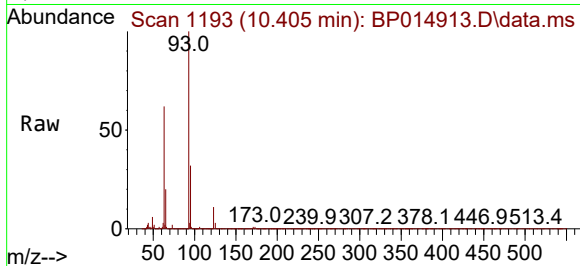




#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.971 ng/ul
 RT: 10.405 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BP014913.D
 Acq: 01 May 2023 14:07

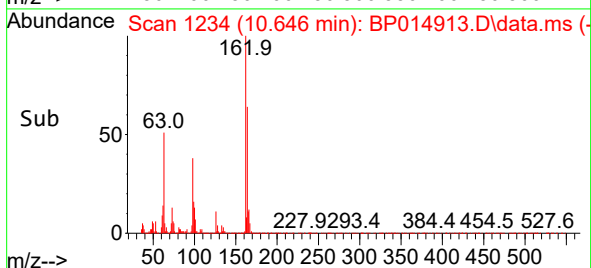
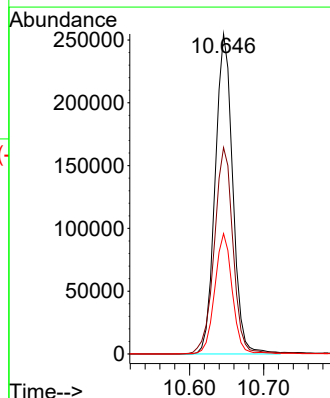
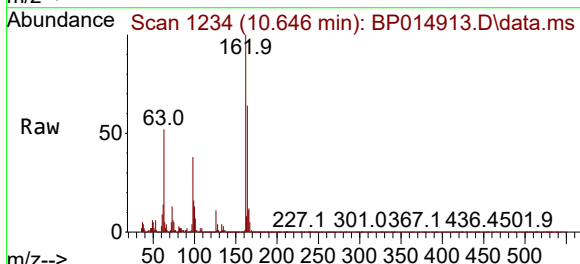
Instrument :
 BNA_P
 ClientSampleId :
 SLCS489

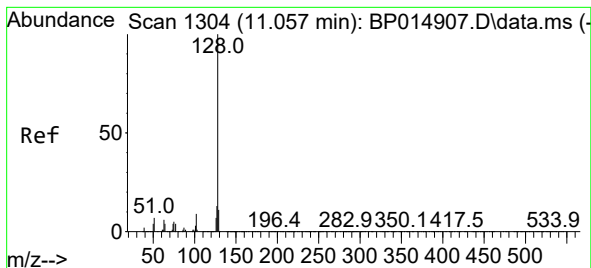
Tgt Ion: 93 Resp: 638229
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.1 39.1
 123 10.8 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 38.870 ng/ul
 RT: 10.646 min Scan# 1234
 Delta R.T. -0.006 min
 Lab File: BP014913.D
 Acq: 01 May 2023 14:07

Tgt Ion: 162 Resp: 419246
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.7 79.1
 98 37.6 29.4 44.2





#30

Naphthalene

Concen: 35.927 ng/ul

RT: 11.058 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

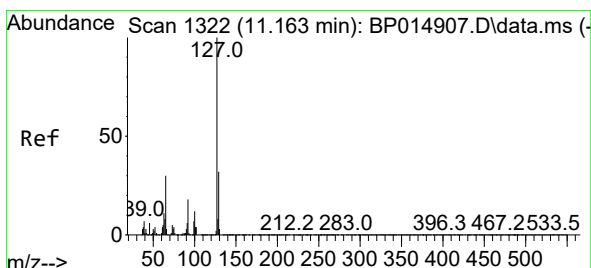
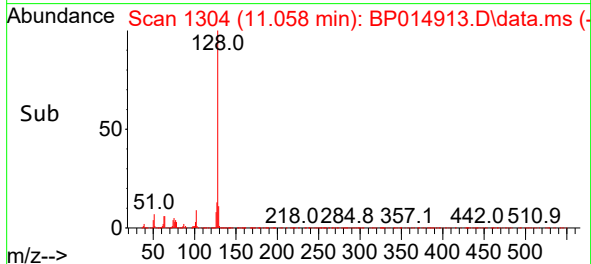
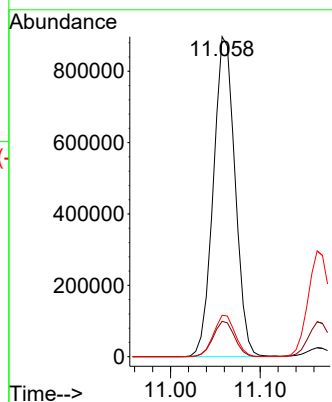
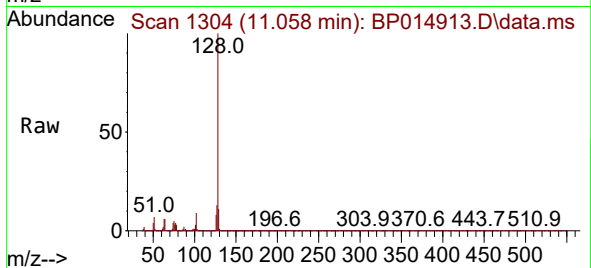
Tgt Ion:128 Resp: 1507141

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.0 10.4 15.6



#32

4-Chloroaniline

Concen: 31.740 ng/ul

RT: 11.163 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BP014913.D

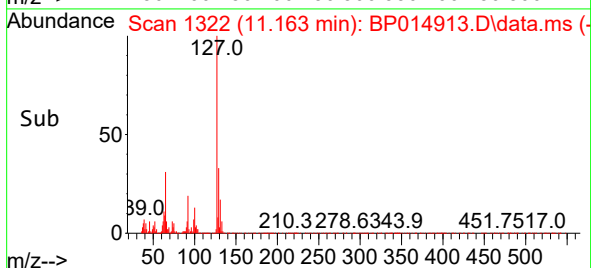
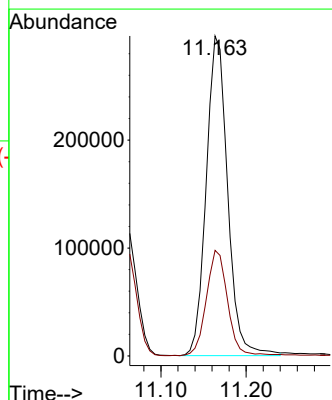
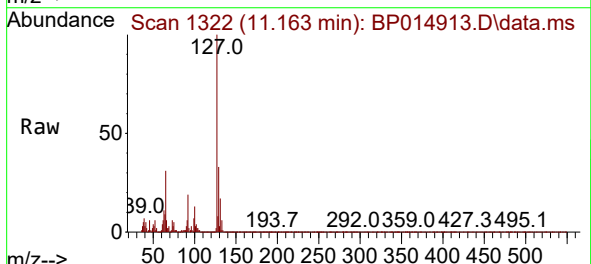
Acq: 01 May 2023 14:07

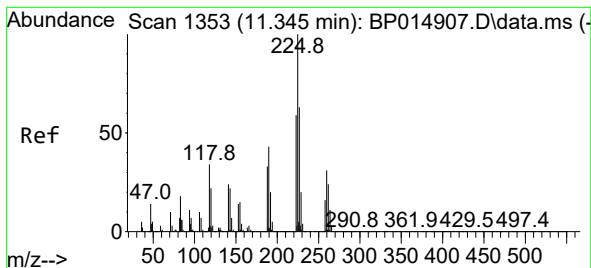
Tgt Ion:127 Resp: 517091

Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9





#33

Hexachlorobutadiene

Concen: 33.376 ng/ul

RT: 11.346 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

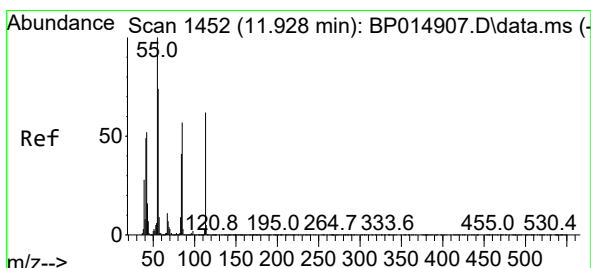
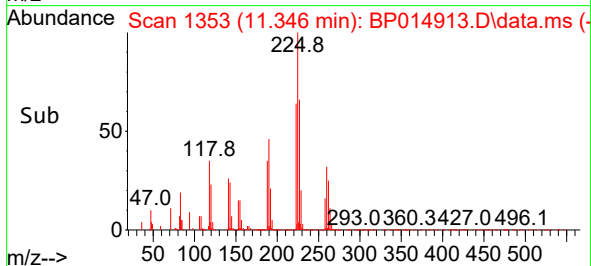
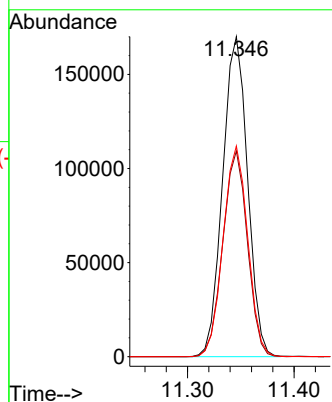
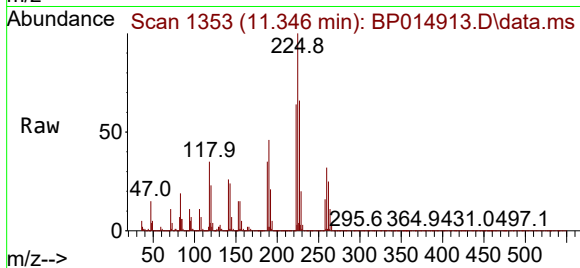
Tgt Ion:225 Resp: 276527

Ion Ratio Lower Upper

225 100

223 64.3 49.7 74.5

227 65.8 51.8 77.6



#34

Caprolactam

Concen: 26.812 ng/ul

RT: 11.934 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

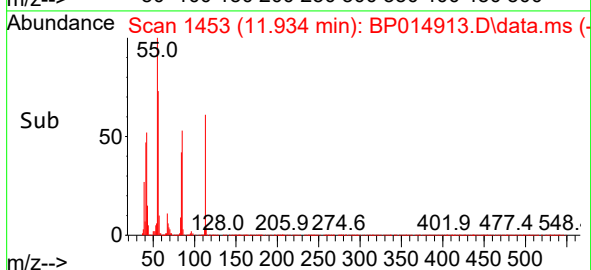
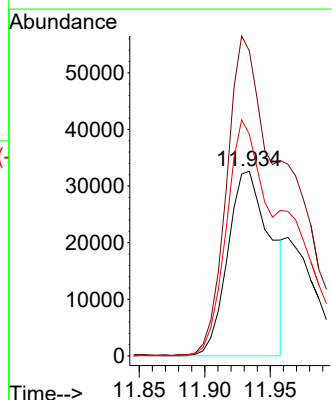
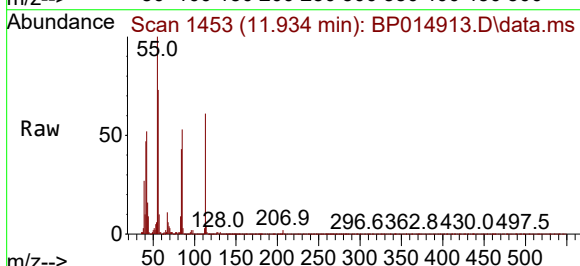
Tgt Ion:113 Resp: 74208

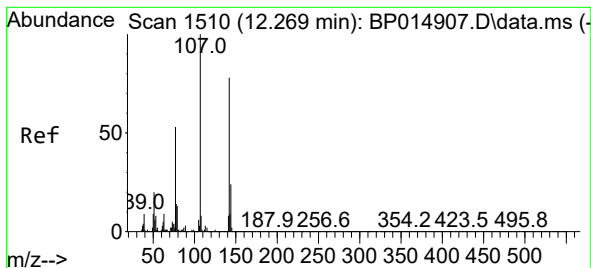
Ion Ratio Lower Upper

113 100

55 165.1 133.7 200.5

56 119.9 98.7 148.1

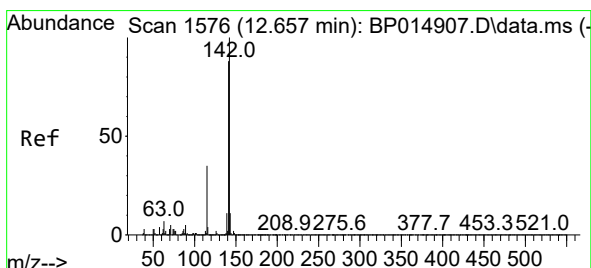
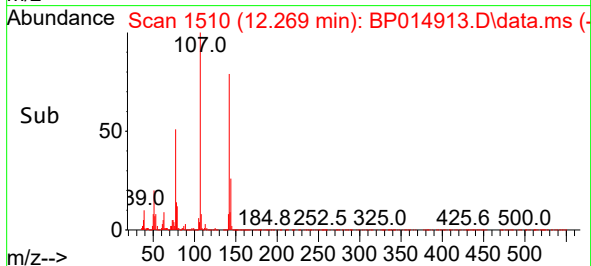
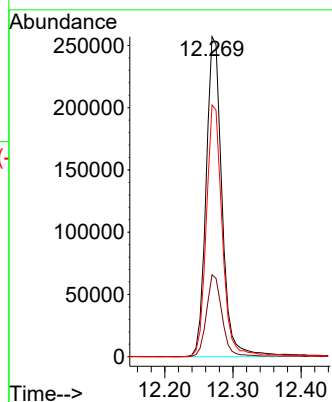
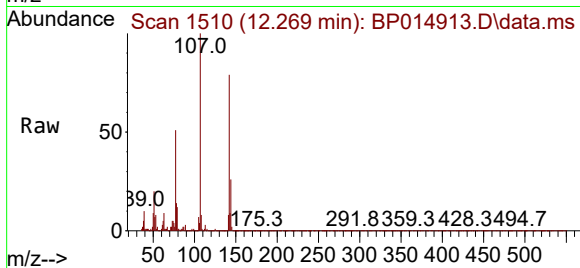




#35
4-Chloro-3-methylphenol
Concen: 37.683 ng/ul
RT: 12.269 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

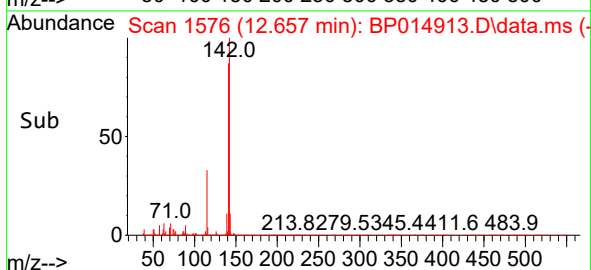
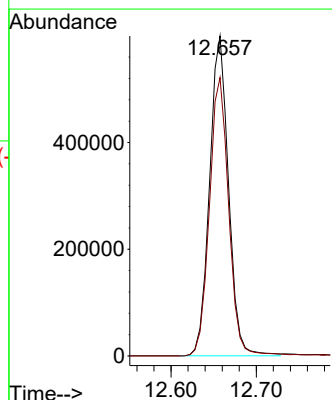
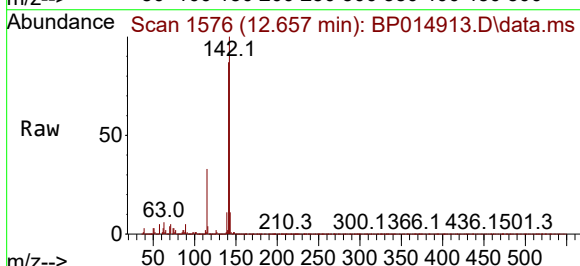
Instrument :
BNA_P
ClientSampleId :
SLCS489

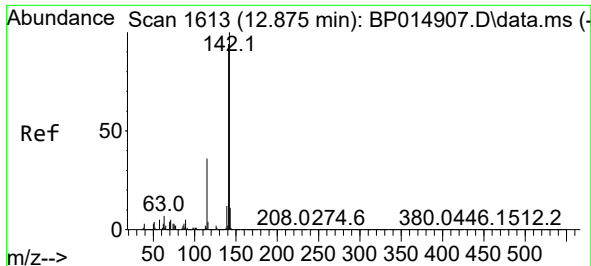
Tgt Ion:107 Resp: 416989
Ion Ratio Lower Upper
107 100
144 25.6 19.8 29.8
142 78.7 62.4 93.6



#36
2-Methylnaphthalene
Concen: 34.932 ng/ul
RT: 12.657 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:142 Resp: 924680
Ion Ratio Lower Upper
142 100
141 87.0 70.5 105.7





#37

1-Methylnaphthalene

Concen: 36.269 ng/ul

RT: 12.875 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

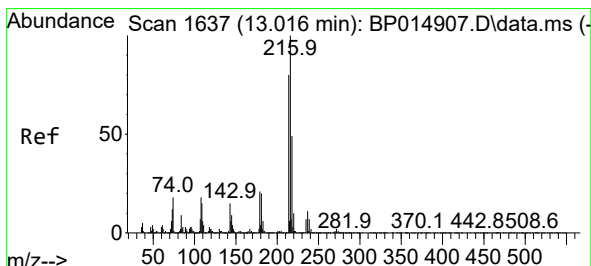
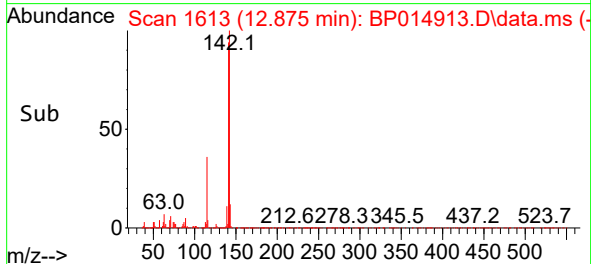
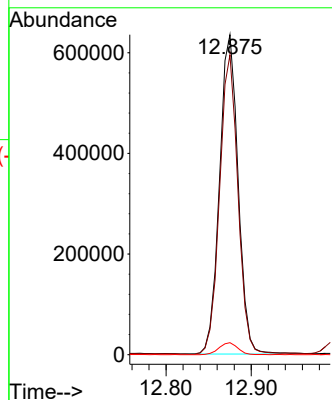
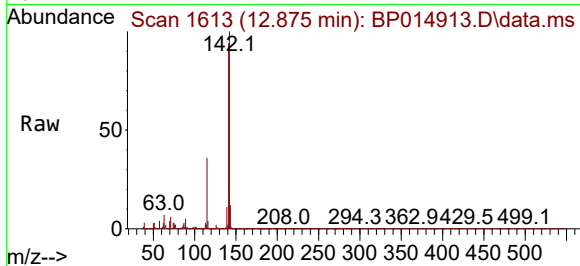
Tgt Ion:142 Resp: 963917

Ion Ratio Lower Upper

142 100

141 93.7 73.3 109.9

116 3.8 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.832 ng/ul

RT: 13.016 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Tgt Ion:216 Resp: 496734

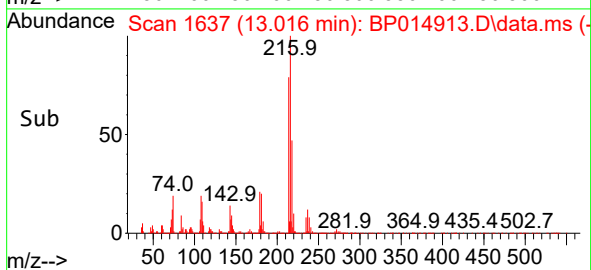
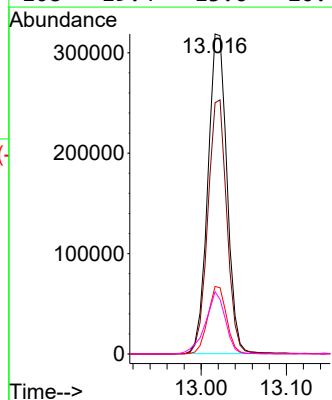
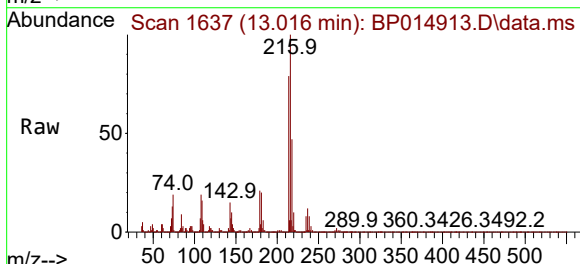
Ion Ratio Lower Upper

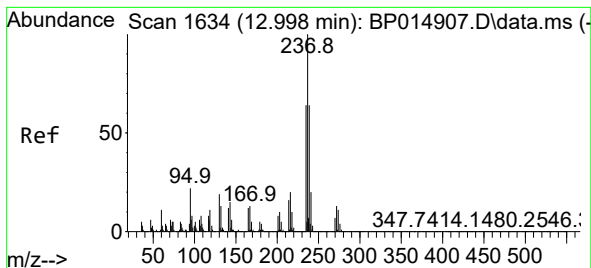
216 100

214 78.5 63.0 94.6

179 21.1 16.2 24.4

108 19.4 13.6 20.4





#40

Hexachlorocyclopentadiene

Concen: 33.163 ng/ul

RT: 12.999 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

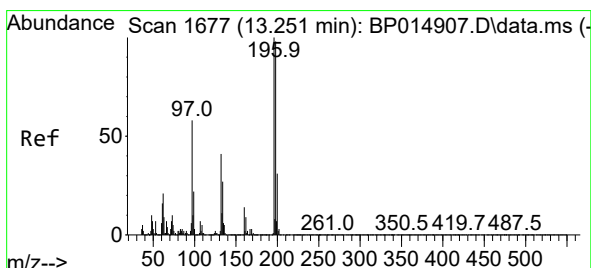
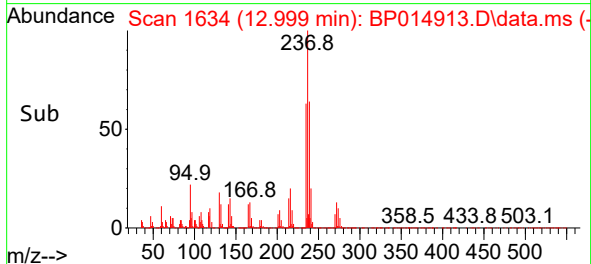
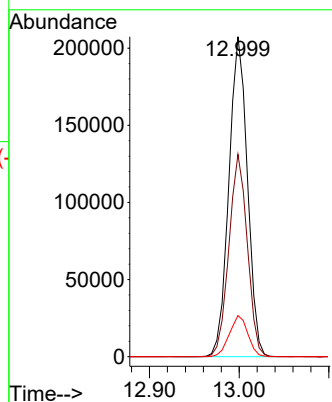
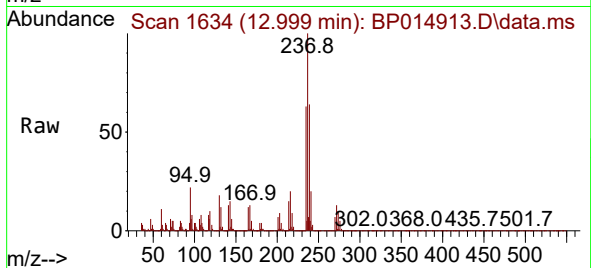
Tgt Ion:237 Resp: 296889

Ion Ratio Lower Upper

237 100

235 63.3 50.6 75.8

272 13.6 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 42.267 ng/ul

RT: 13.252 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

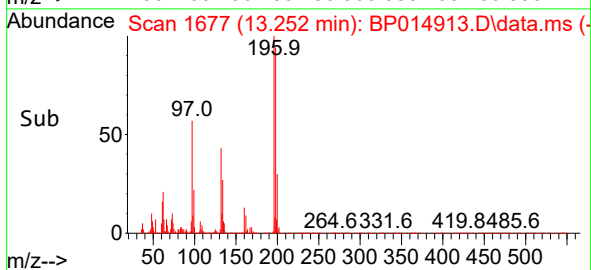
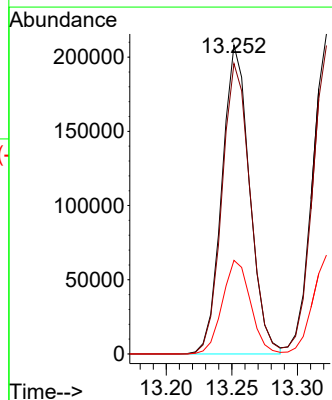
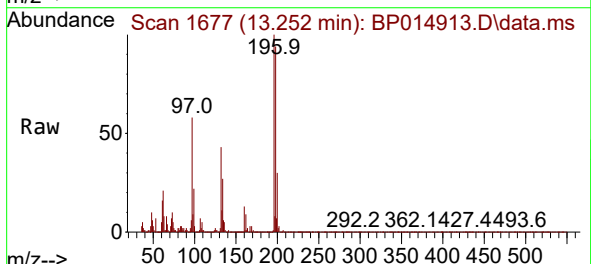
Tgt Ion:196 Resp: 306264

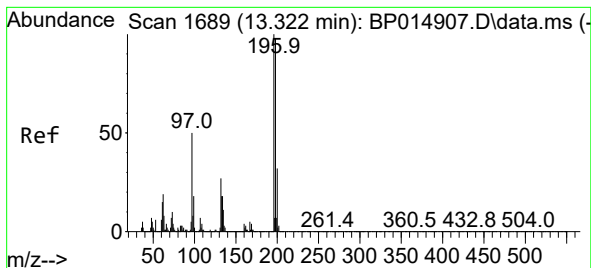
Ion Ratio Lower Upper

196 100

198 94.1 79.1 118.7

200 30.3 26.5 39.7





#42

2,4,5-Trichlorophenol

Concen: 38.503 ng/ul

RT: 13.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

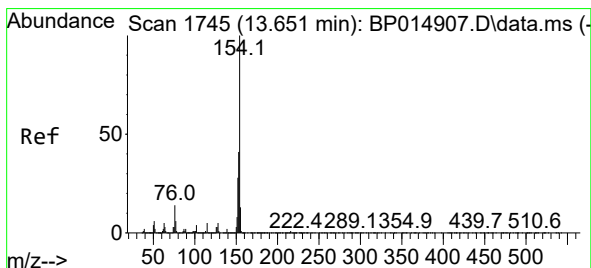
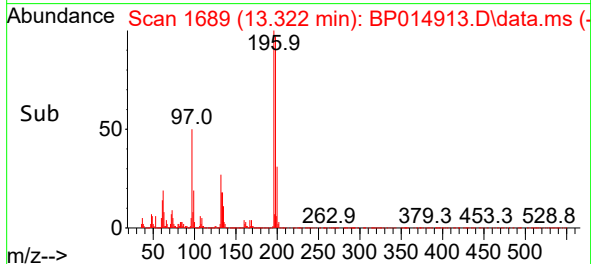
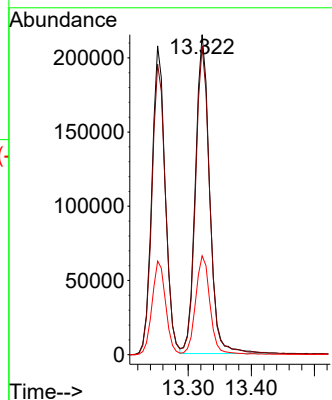
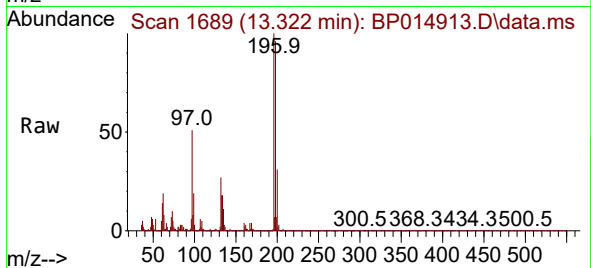
Tgt Ion:196 Resp: 336391

Ion Ratio Lower Upper

196 100

198 96.4 76.6 115.0

200 30.9 24.0 36.0



#43

1,1'-Biphenyl

Concen: 36.507 ng/ul

RT: 13.652 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

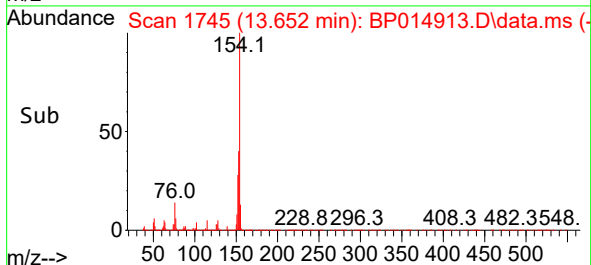
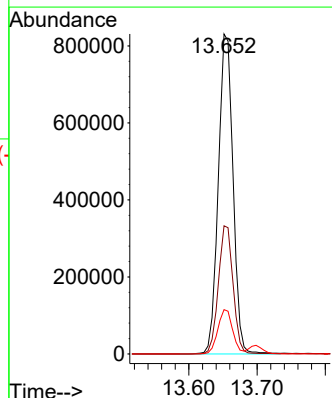
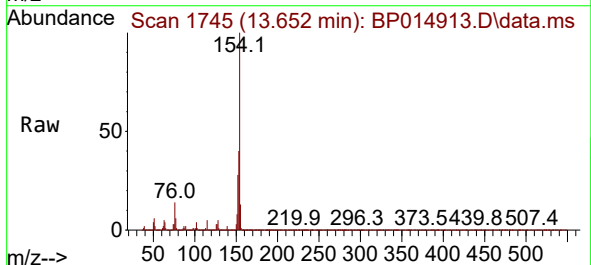
Tgt Ion:154 Resp: 1250030

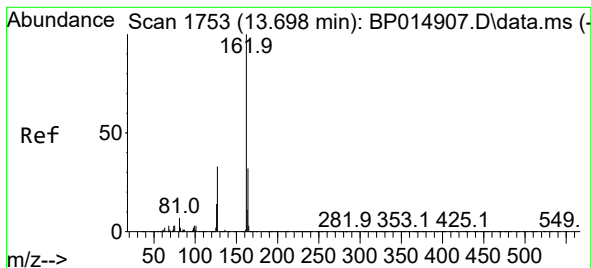
Ion Ratio Lower Upper

154 100

153 40.0 32.5 48.7

76 13.9 10.8 16.2





#44

2-Chloronaphthalene

Concen: 36.276 ng/ul

RT: 13.699 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

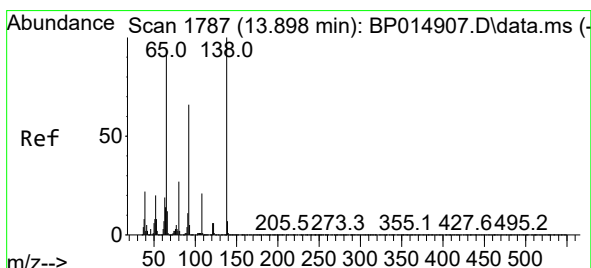
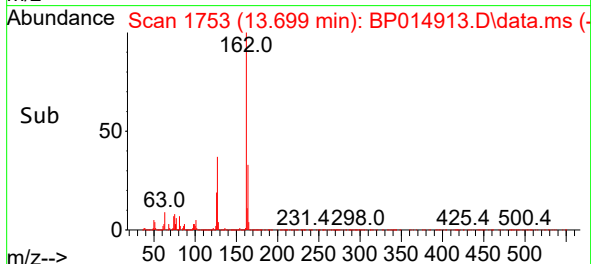
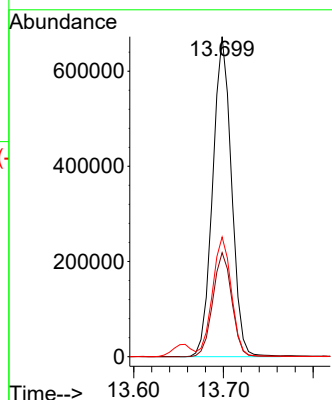
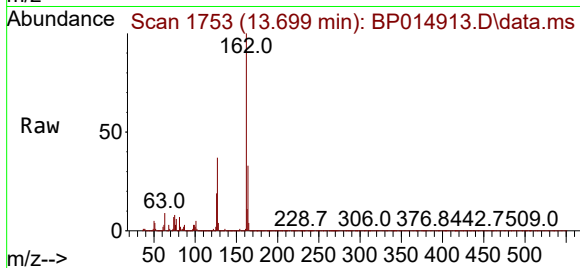
Tgt Ion:162 Resp: 978283

Ion Ratio Lower Upper

162 100

164 32.5 25.6 38.4

127 37.4 30.3 45.5



#45

2-Nitroaniline

Concen: 39.317 ng/ul

RT: 13.899 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

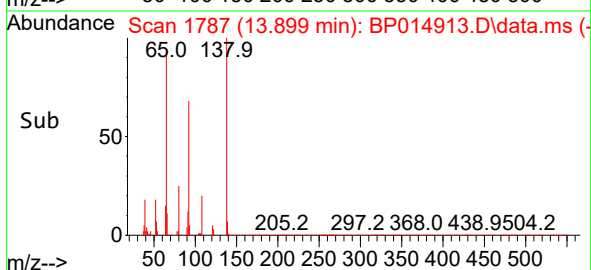
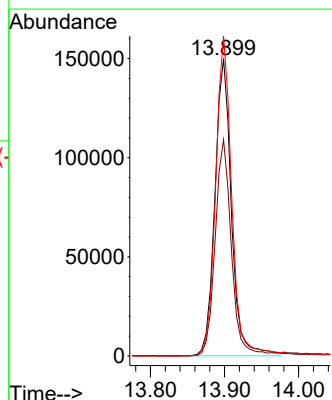
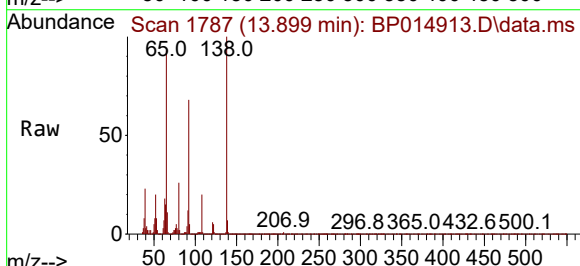
Tgt Ion: 65 Resp: 231628

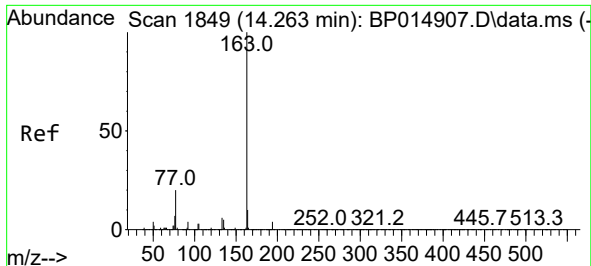
Ion Ratio Lower Upper

65 100

92 72.8 58.6 87.8

138 107.6 84.8 127.2

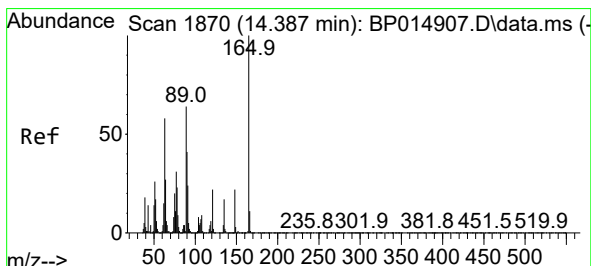
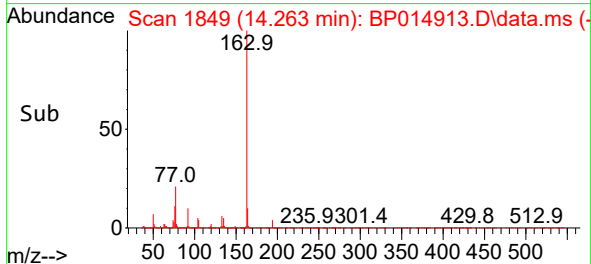
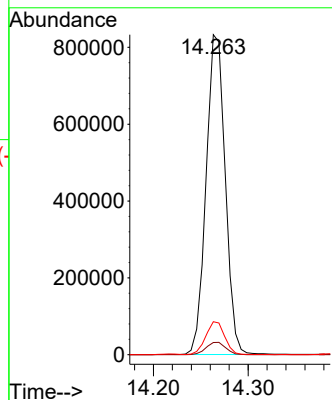
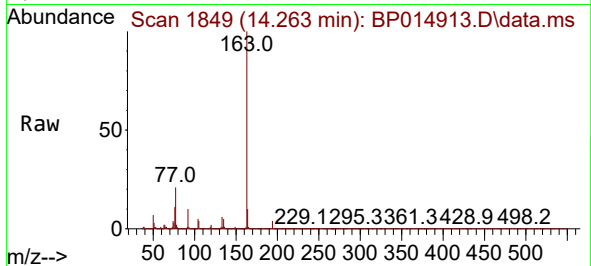




#47
Dimethylphthalate
Concen: 36.921 ng/ul
RT: 14.263 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

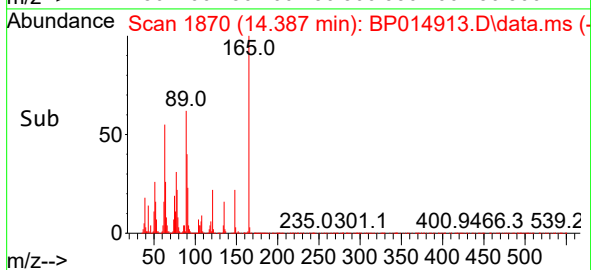
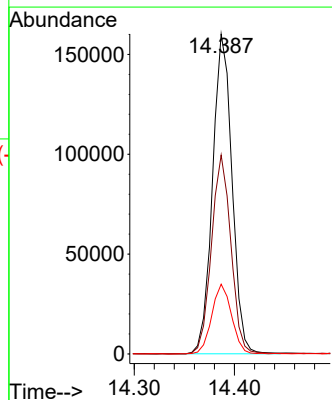
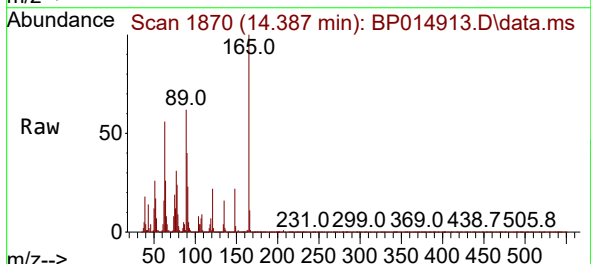
Instrument :
BNA_P
ClientSampleId :
SLCS489

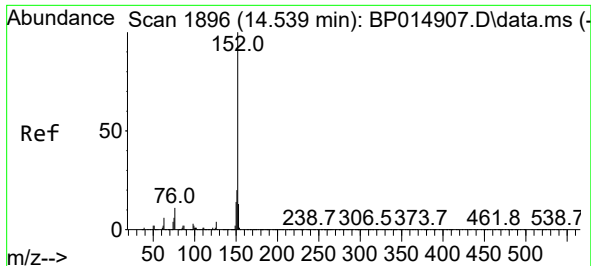
Tgt Ion:163 Resp: 1167316
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 37.971 ng/ul
RT: 14.387 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:165 Resp: 216263
Ion Ratio Lower Upper
165 100
89 62.1 45.2 67.8
121 21.8 16.3 24.5

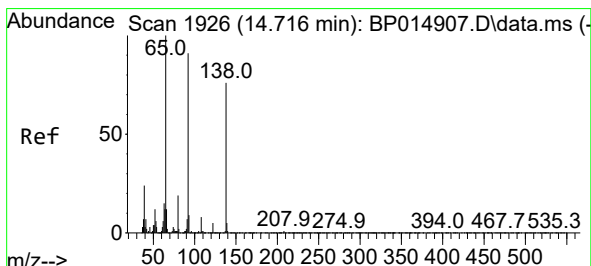
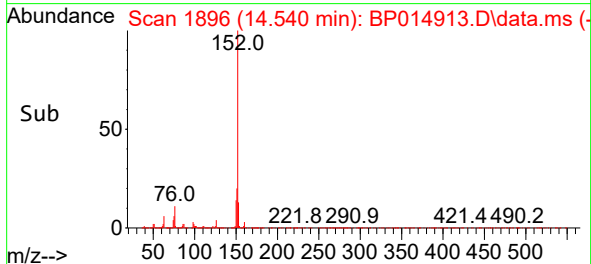
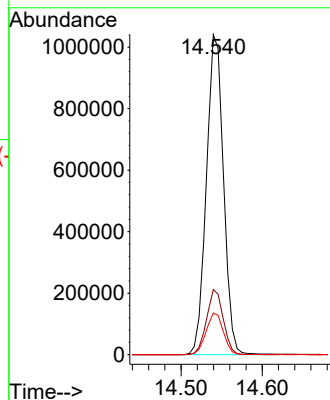
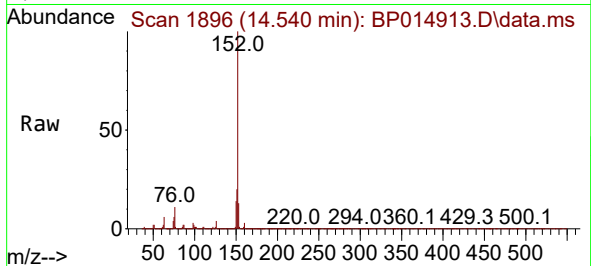




#50
Acenaphthylene
Concen: 37.197 ng/ul
RT: 14.540 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

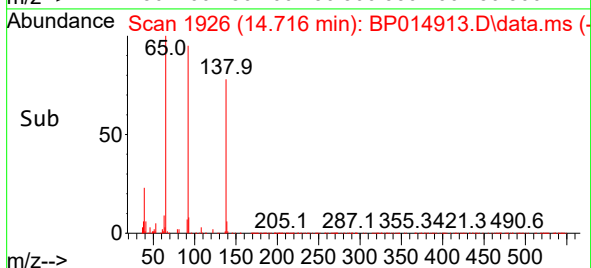
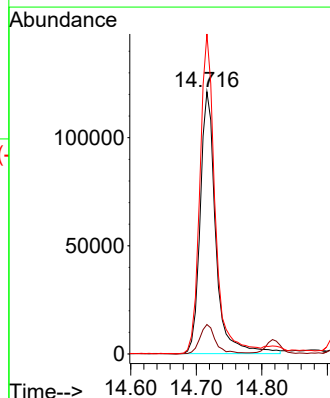
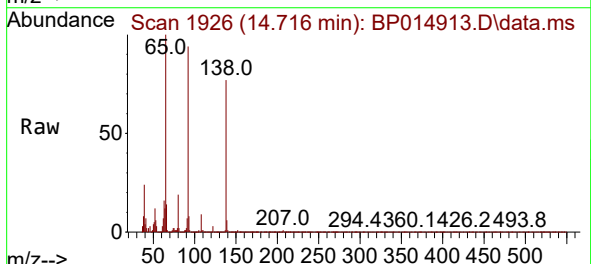
Instrument :
BNA_P
ClientSampleId :
SLCS489

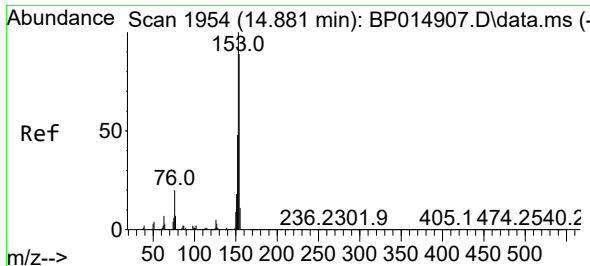
Tgt Ion:152 Resp: 1519061
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 43.444 ng/ul
RT: 14.716 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:138 Resp: 200596
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 122.0 94.2 141.4

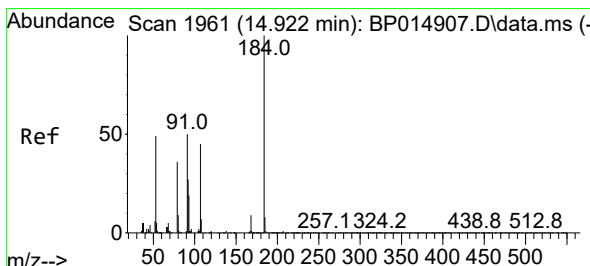
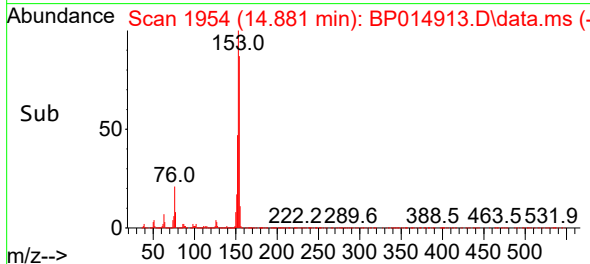
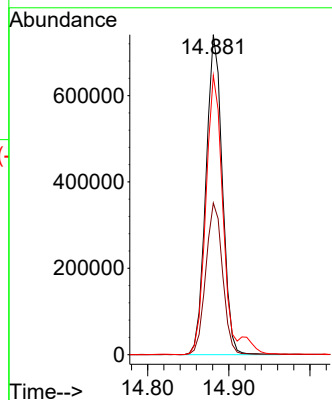
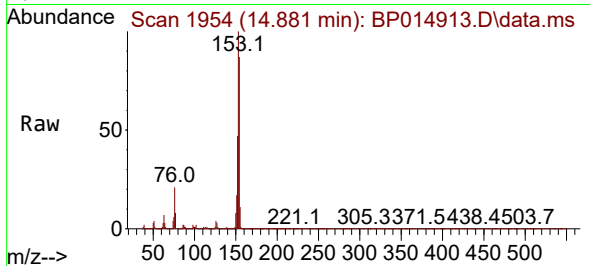




#52
Acenaphthene
Concen: 36.874 ng/ul
RT: 14.881 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

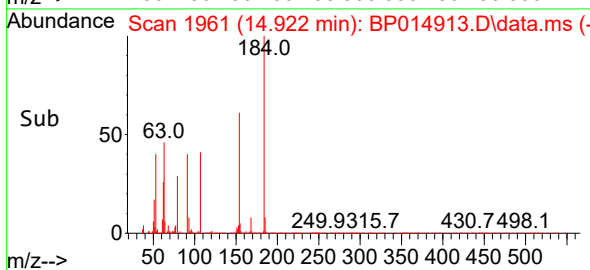
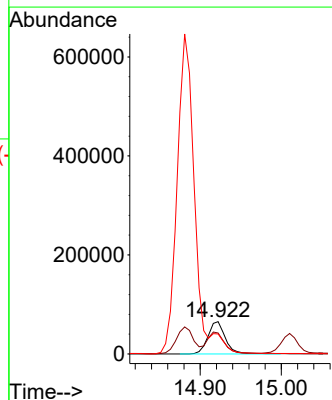
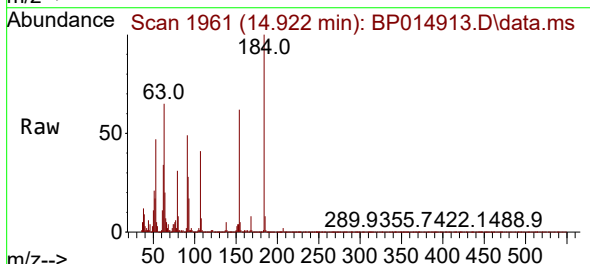
Instrument :
BNA_P
ClientSampleId :
SLCS489

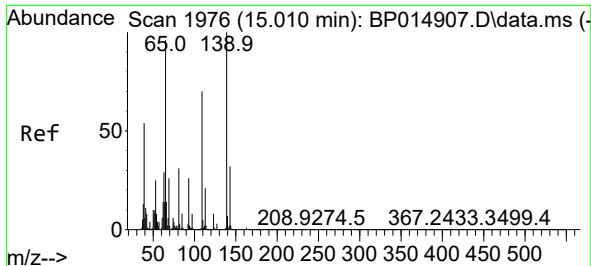
Tgt Ion:153 Resp: 1037956
Ion Ratio Lower Upper
153 100
152 47.4 38.5 57.7
154 87.2 69.4 104.2



#53
2,4-Dinitrophenol
Concen: 45.473 ng/ul
RT: 14.922 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:184 Resp: 97834
Ion Ratio Lower Upper
184 100
63 64.6 57.6 86.4
154 61.6 54.6 82.0

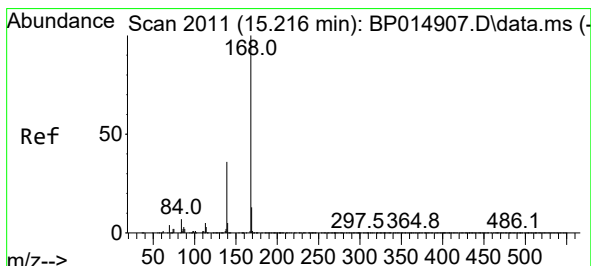
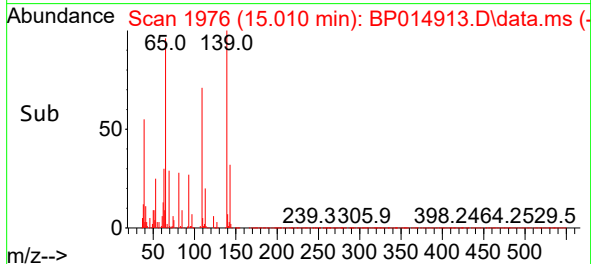
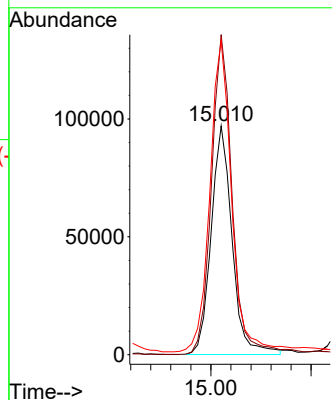
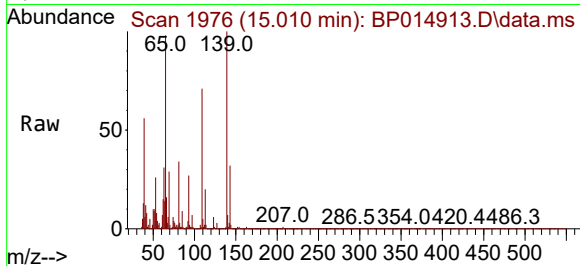




#55
4-Nitrophenol
Concen: 40.860 ng/ul
RT: 15.010 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

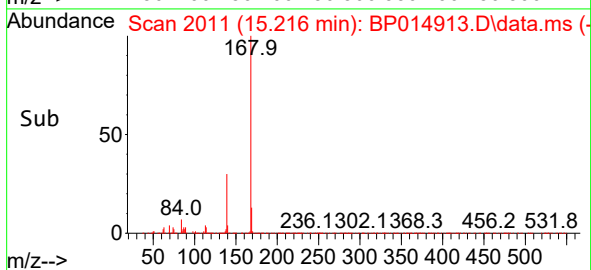
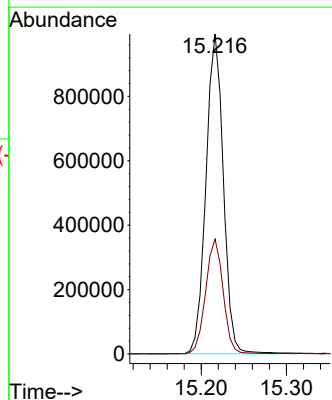
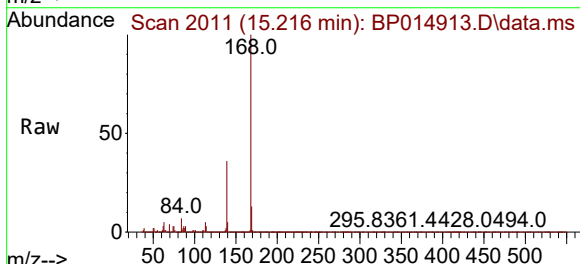
Instrument :
BNA_P
ClientSampleId :
SLCS489

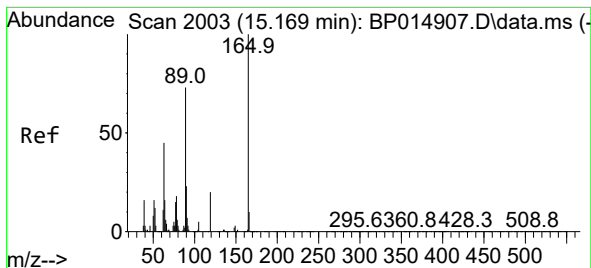
Tgt Ion:109 Resp: 140617
Ion Ratio Lower Upper
109 100
139 139.9 107.8 161.8
65 137.4 108.6 162.8



#56
Dibenzofuran
Concen: 36.382 ng/ul
RT: 15.216 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:168 Resp: 1411551
Ion Ratio Lower Upper
168 100
139 35.9 27.8 41.8

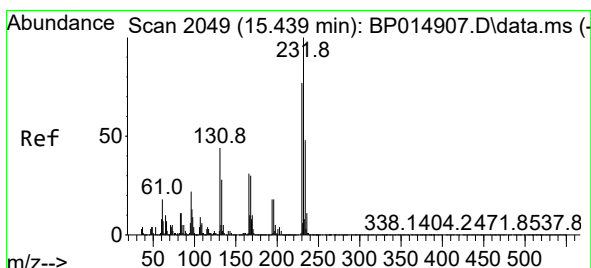
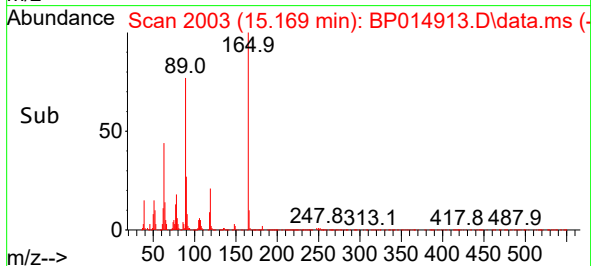
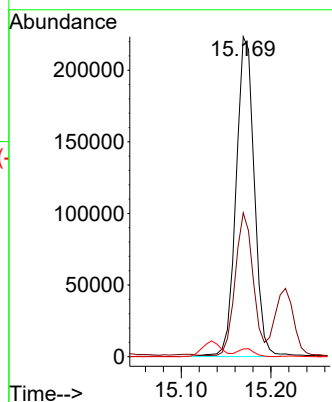
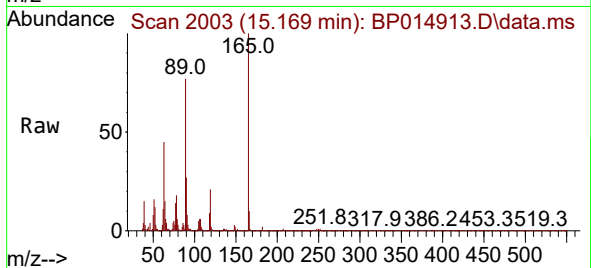




#57
2,4-Dinitrotoluene
Concen: 40.018 ng/ul
RT: 15.169 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

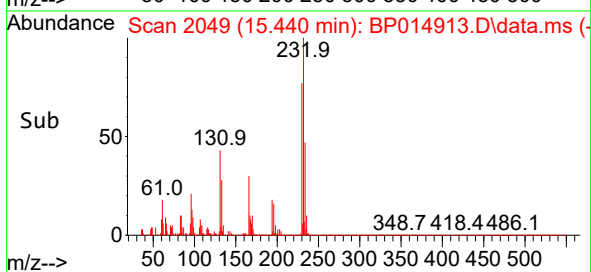
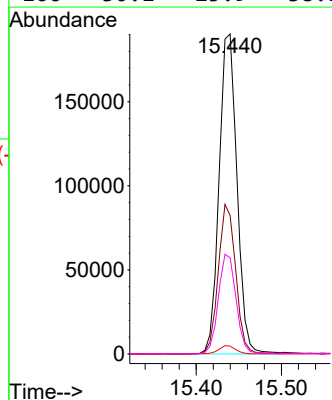
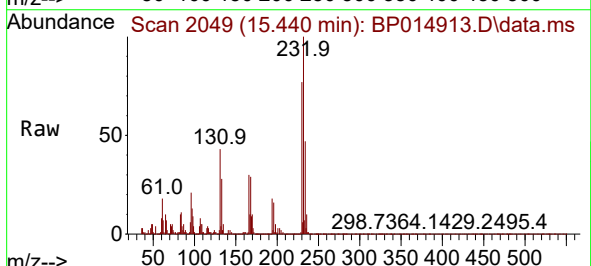
Instrument :
BNA_P
ClientSampleId :
SLCS489

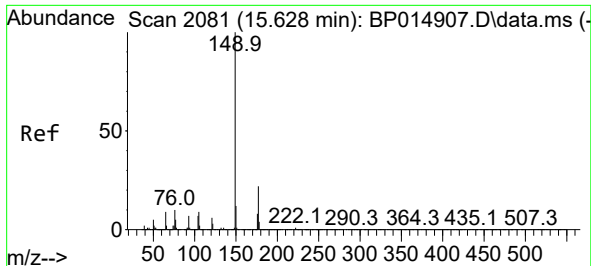
Tgt Ion:165 Resp: 314181
Ion Ratio Lower Upper
165 100
63 44.9 33.9 50.9
182 2.4 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 41.629 ng/ul
RT: 15.440 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:232 Resp: 277578
Ion Ratio Lower Upper
232 100
131 43.3 34.4 51.6
130 2.5 1.8 2.6
166 30.1 25.9 38.9

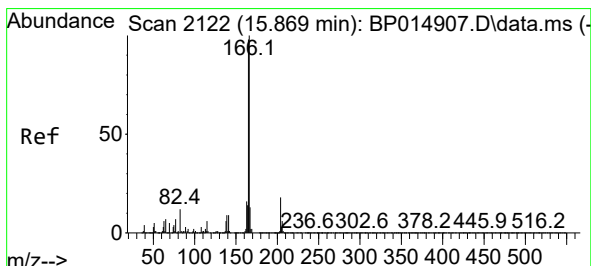
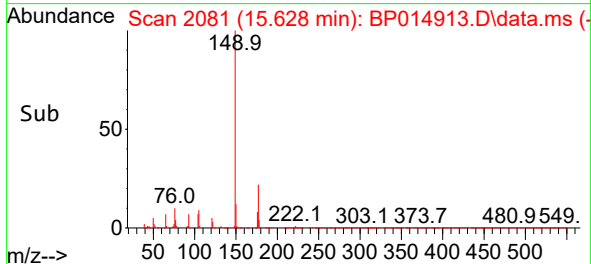
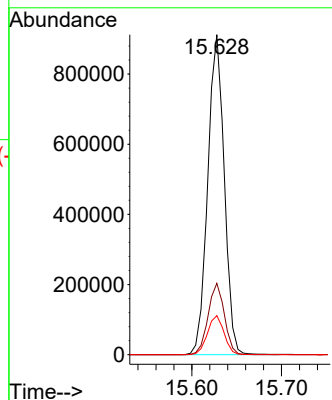
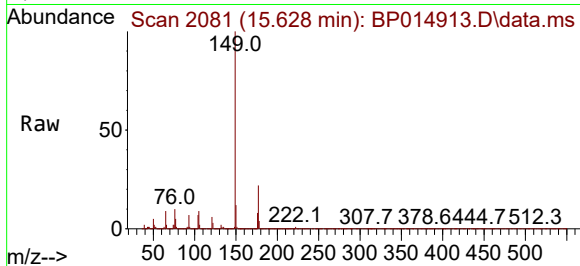




#59
Diethylphthalate
Concen: 37.790 ng/ul
RT: 15.628 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

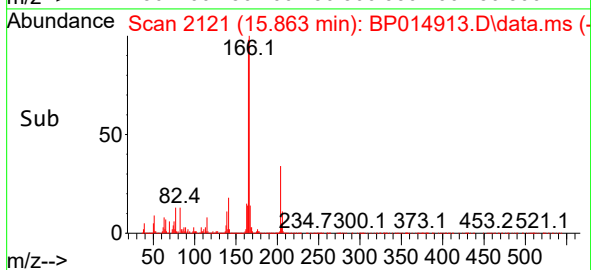
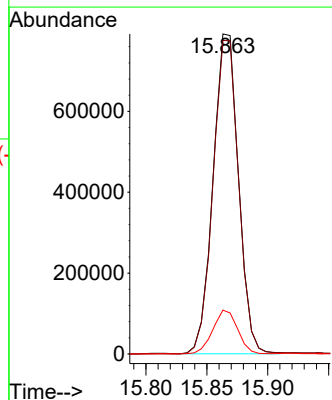
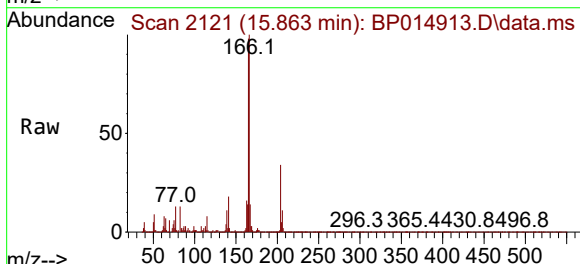
Instrument :
BNA_P
ClientSampleId :
SLCS489

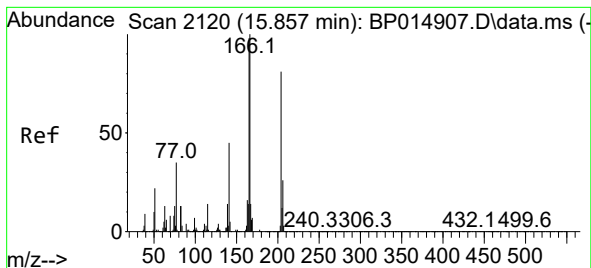
Tgt Ion:149 Resp: 1165185
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.2 9.8 14.8



#61
Fluorene
Concen: 36.991 ng/ul
RT: 15.863 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:166 Resp: 1147399
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.6
167 13.7 11.0 16.6

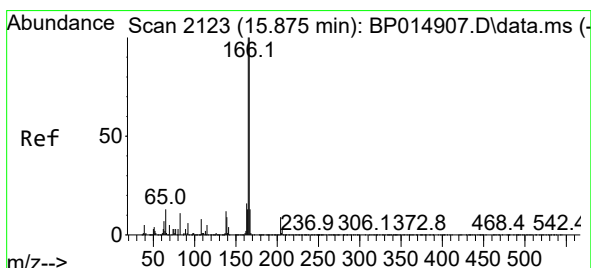
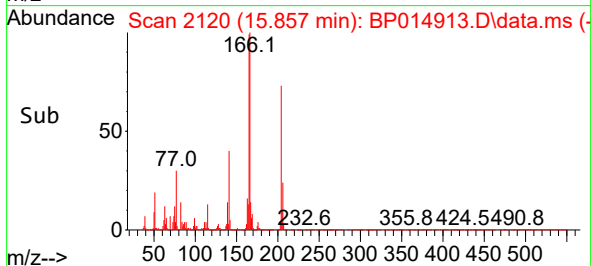
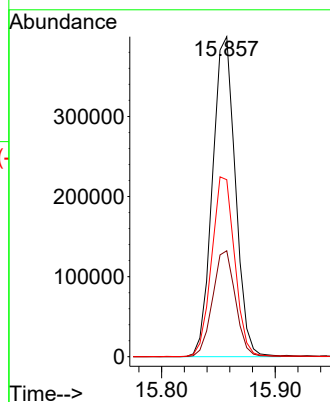
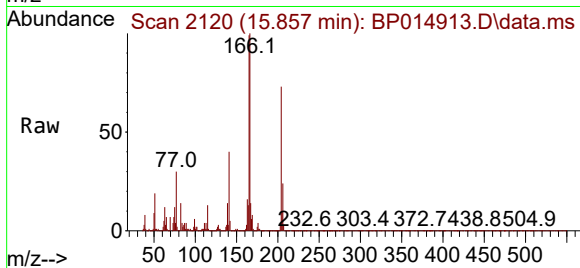




#62
4-Chlorophenyl-phenylether
Concen: 35.690 ng/ul
RT: 15.857 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

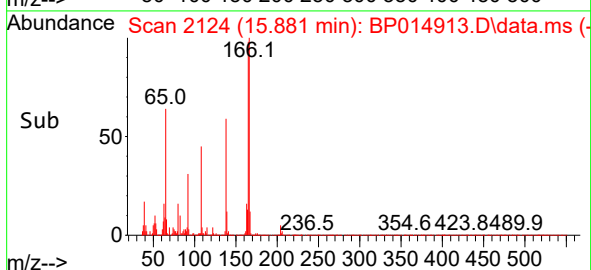
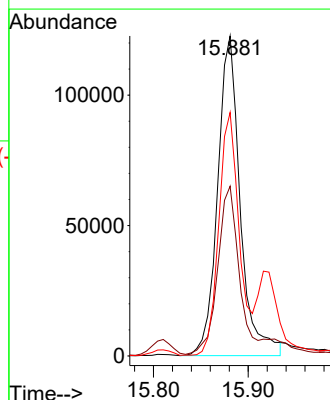
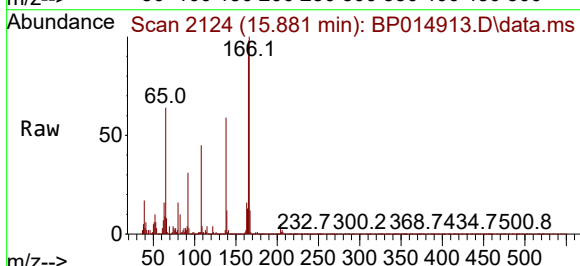
Instrument :
BNA_P
ClientSampleId :
SLCS489

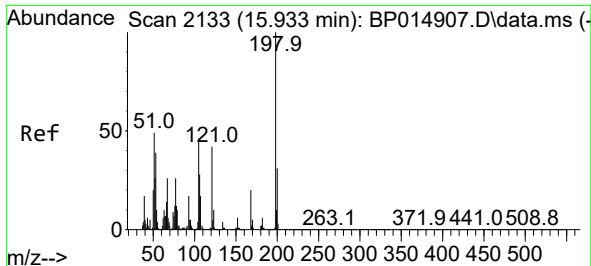
Tgt Ion:204 Resp: 559491
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 55.3 44.6 67.0



#63
4-Nitroaniline
Concen: 55.249 ng/ul
RT: 15.881 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:138 Resp: 203701
Ion Ratio Lower Upper
138 100
92 53.1 44.2 66.2
108 76.1 60.1 90.1

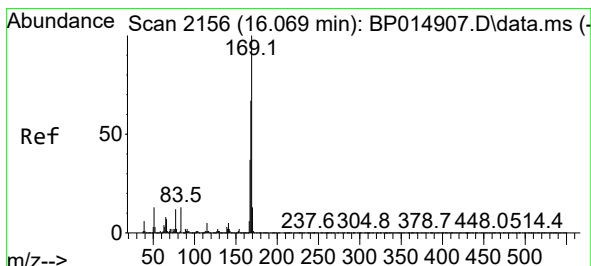
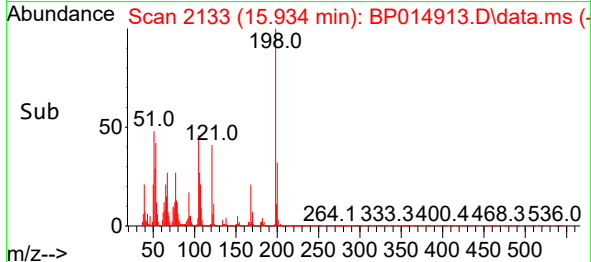
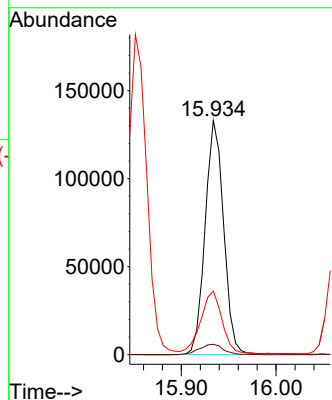
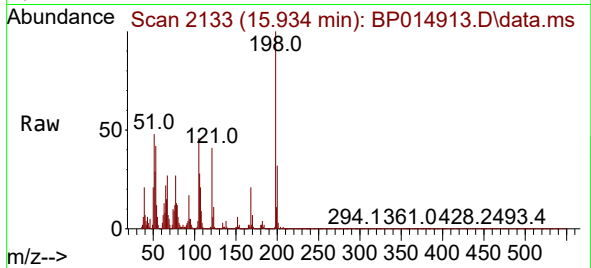




#66
4,6-Dinitro-2-methylphenol
Concen: 48.146 ng/ul
RT: 15.934 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

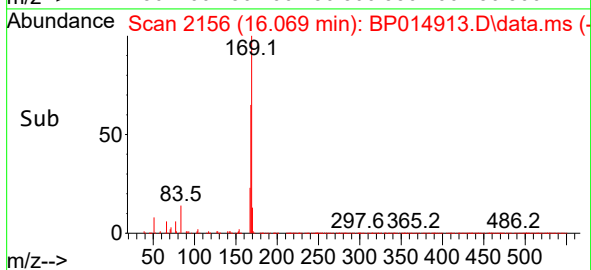
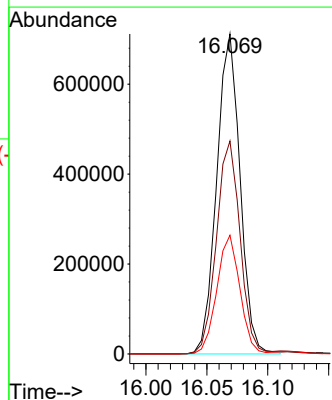
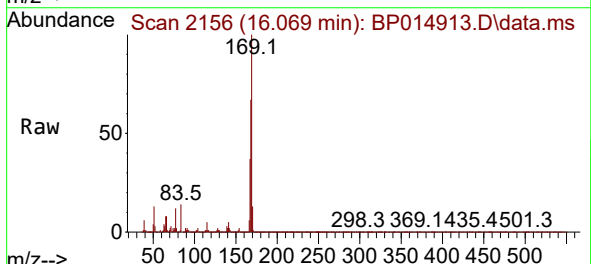
Instrument :
BNA_P
ClientSampleId :
SLCS489

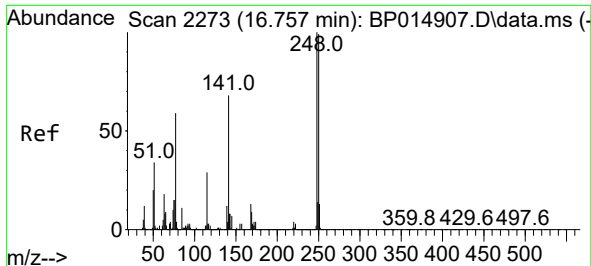
Tgt Ion:198 Resp: 180063
Ion Ratio Lower Upper
198 100
182 4.5 4.2 6.2
77 27.2 20.4 30.6



#67
N-Nitrosodiphenylamine
Concen: 37.766 ng/ul
RT: 16.069 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:169 Resp: 951009
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 37.1 29.9 44.9

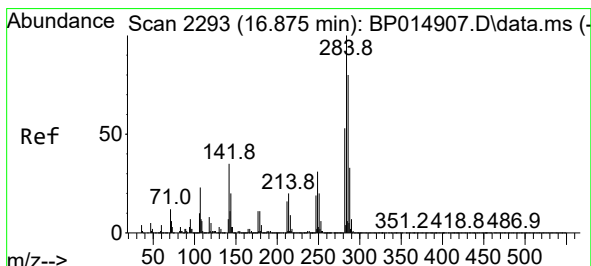
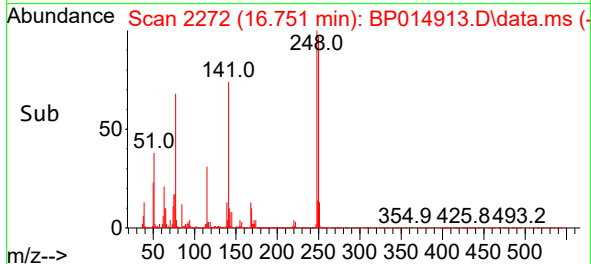
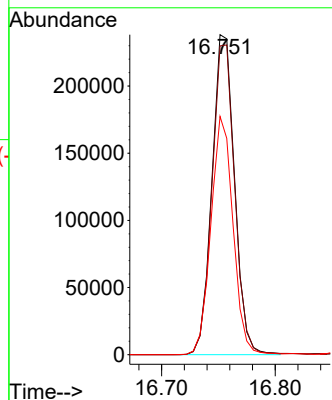
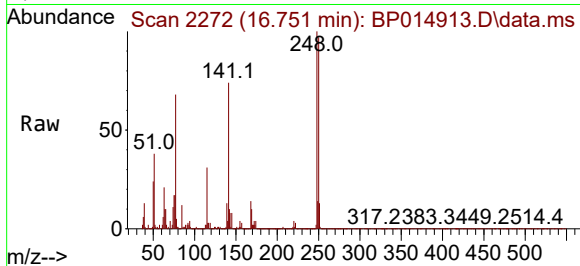




#68
4-Bromophenyl-phenylether
Concen: 35.467 ng/ul
RT: 16.751 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

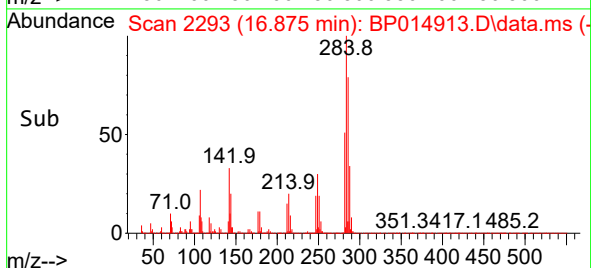
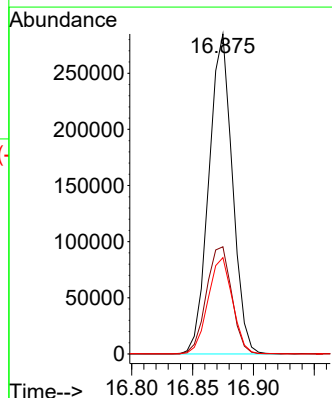
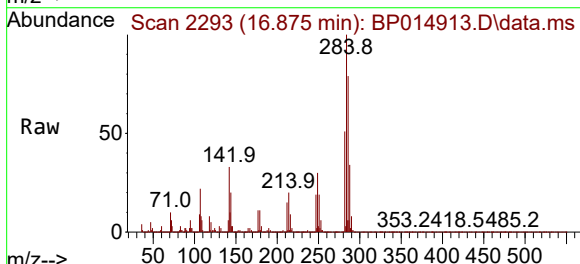
Instrument :
BNA_P
ClientSampleId :
SLCS489

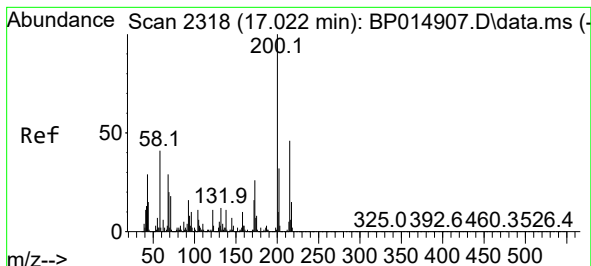
Tgt Ion:248 Resp: 329377
Ion Ratio Lower Upper
248 100
250 96.5 77.3 115.9
141 74.4 55.0 82.6



#69
Hexachlorobenzene
Concen: 34.933 ng/ul
RT: 16.875 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:284 Resp: 382394
Ion Ratio Lower Upper
284 100
142 33.5 27.6 41.4
249 30.1 24.4 36.6





#70

Atrazine

Concen: 32.820 ng/ul

RT: 17.016 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

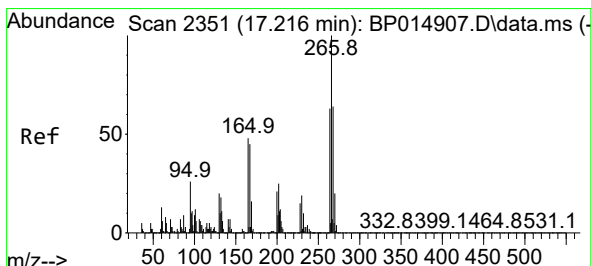
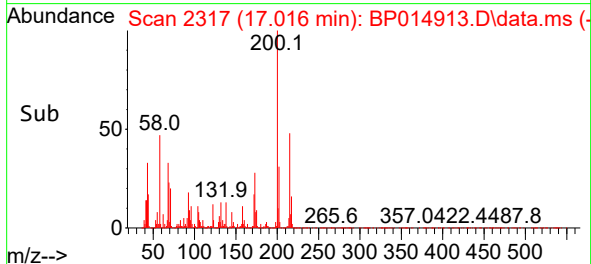
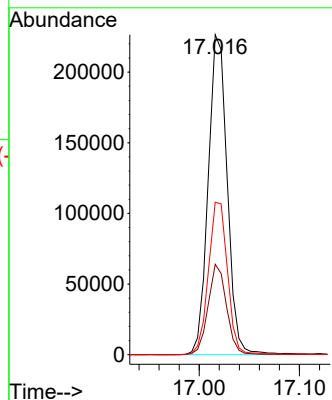
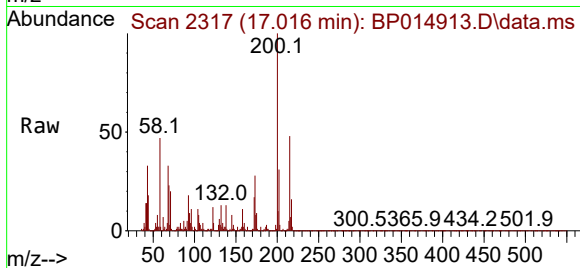
Tgt Ion:200 Resp: 299210

Ion Ratio Lower Upper

200 100

173 28.2 21.0 31.4

215 47.7 38.0 57.0



#71

Pentachlorophenol

Concen: 44.589 ng/ul

RT: 17.216 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

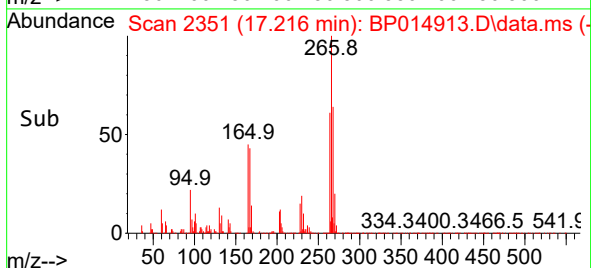
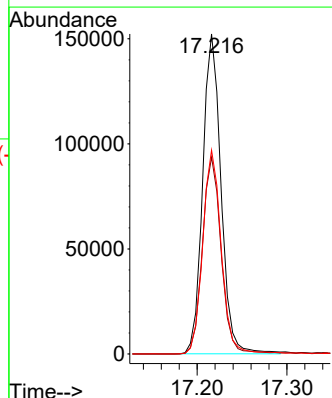
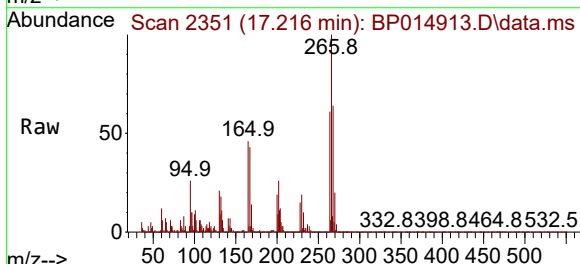
Tgt Ion:266 Resp: 216015

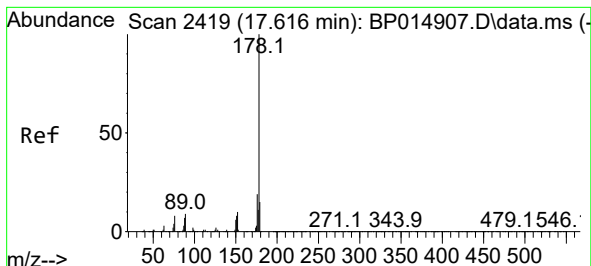
Ion Ratio Lower Upper

266 100

264 61.5 47.8 71.6

268 63.7 51.1 76.7





#72

Phenanthrene

Concen: 37.491 ng/ul

RT: 17.616 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

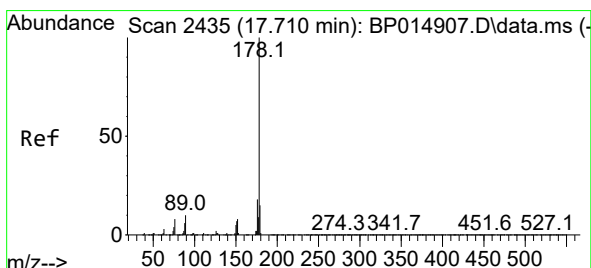
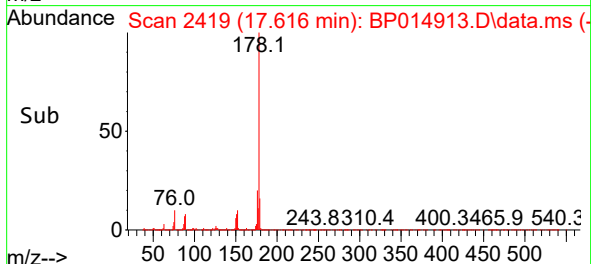
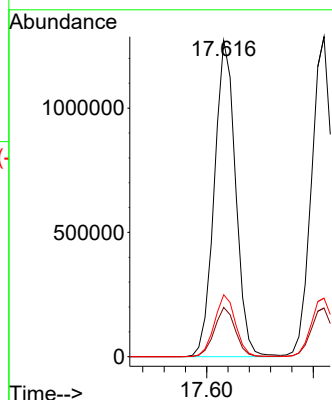
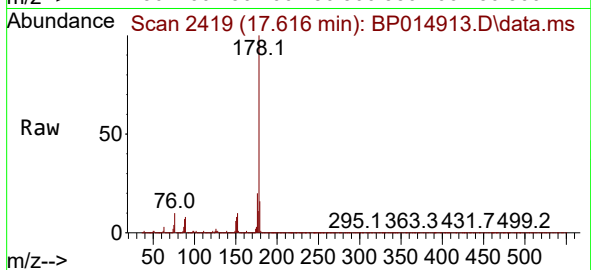
Tgt Ion:178 Resp: 1759841

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.6 15.2 22.8



#74

Anthracene

Concen: 37.860 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

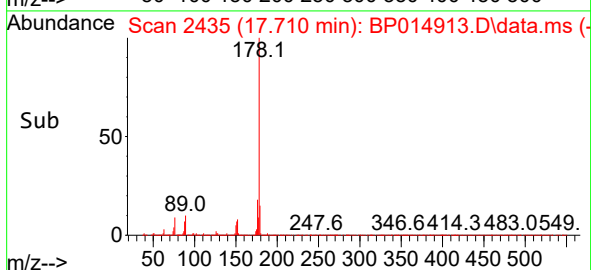
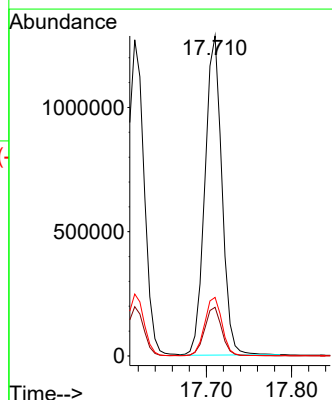
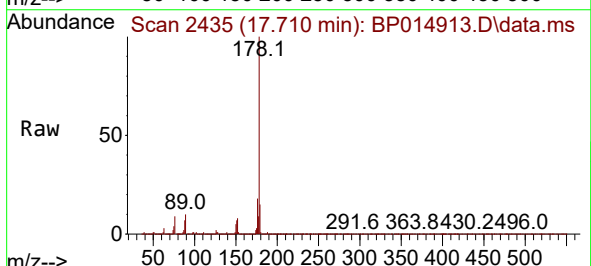
Tgt Ion:178 Resp: 1780341

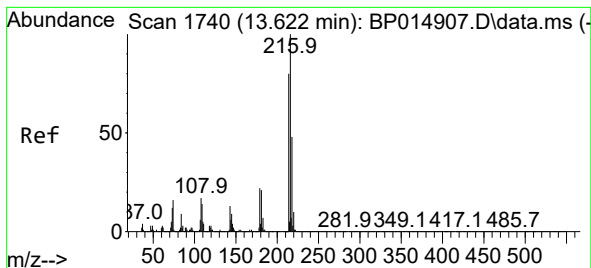
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.3 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.407 ng/uL

RT: 13.622 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

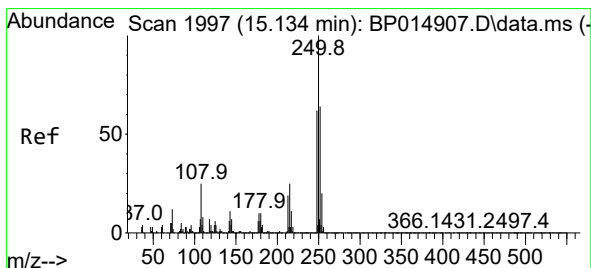
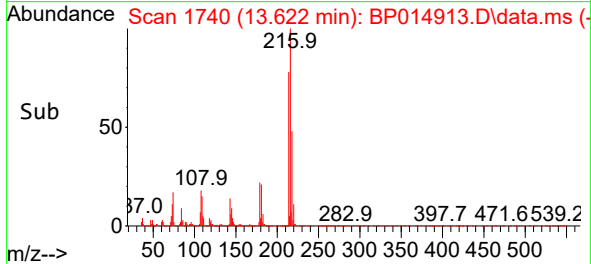
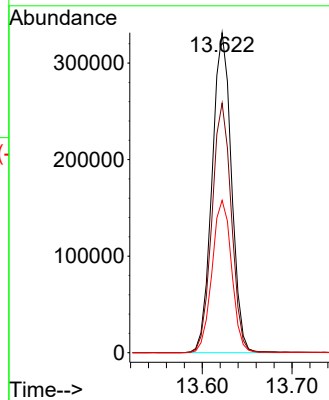
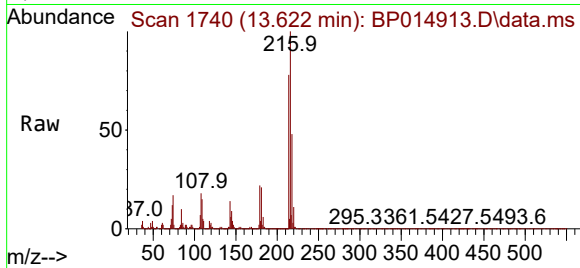
Tgt Ion:216 Resp: 497762

Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

218 47.6 38.6 58.0



#76

Pentachlorobenzene

Concen: 34.240 ng/uL

RT: 15.134 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

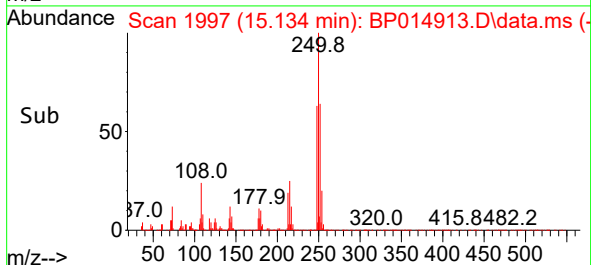
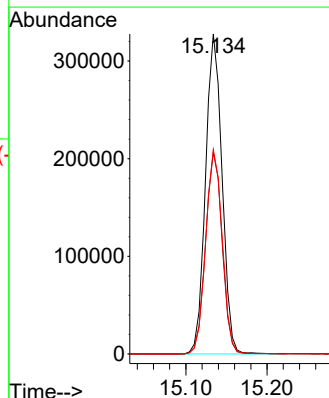
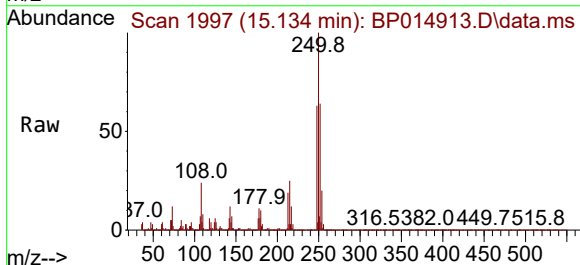
Tgt Ion:250 Resp: 462079

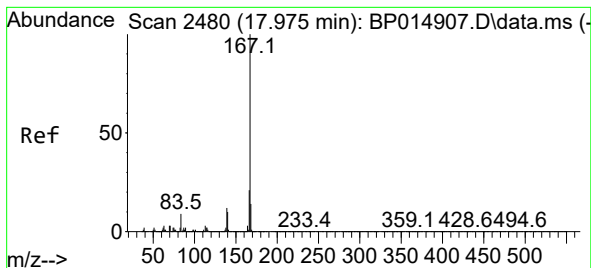
Ion Ratio Lower Upper

250 100

248 63.1 50.5 75.7

252 63.9 52.3 78.5





#77

Carbazole

Concen: 37.931 ng/ul

RT: 17.969 min Scan# 2480

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

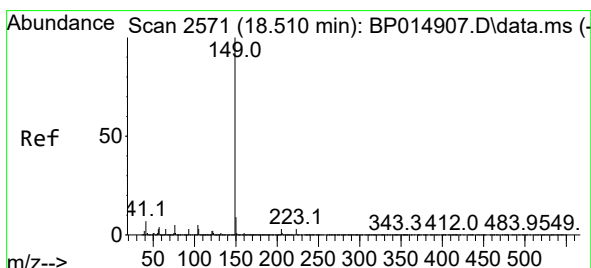
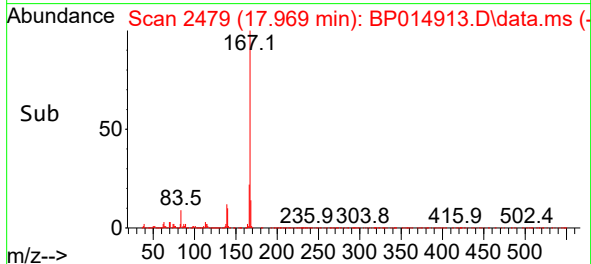
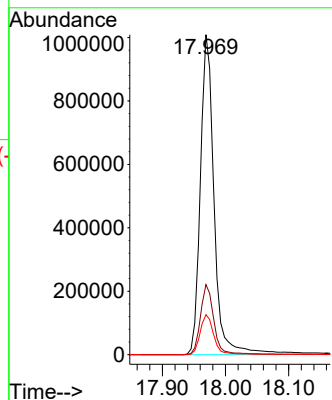
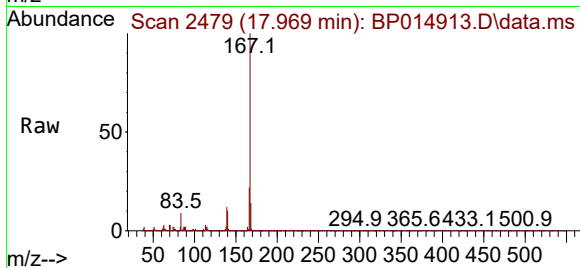
Tgt Ion:167 Resp: 1521442

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 12.5 10.2 15.2



#78

Di-n-butylphthalate

Concen: 38.157 ng/ul

RT: 18.504 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

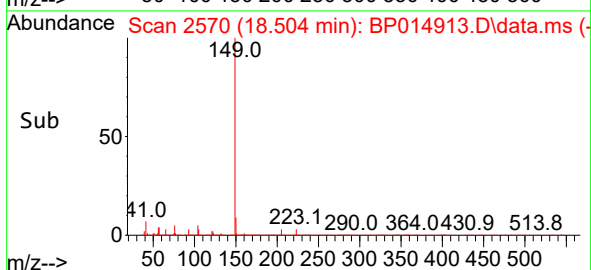
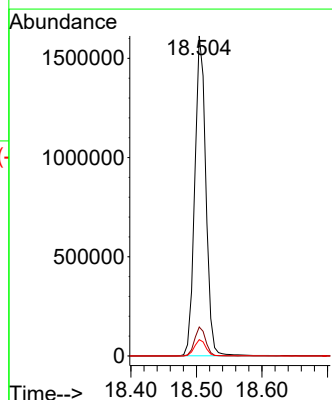
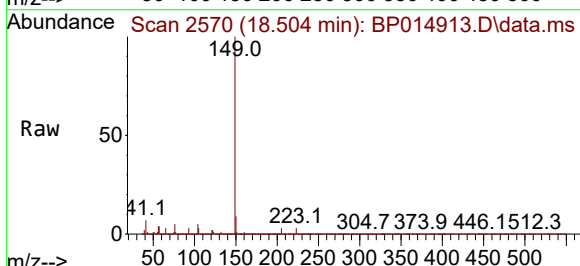
Tgt Ion:149 Resp: 1898695

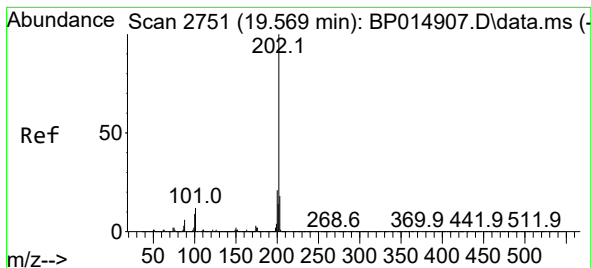
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.1 4.0 6.0





#80

Fluoranthene

Concen: 37.433 ng/ul

RT: 19.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

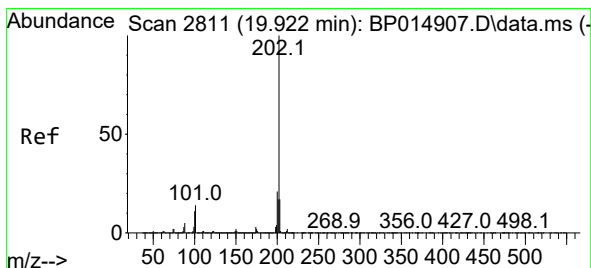
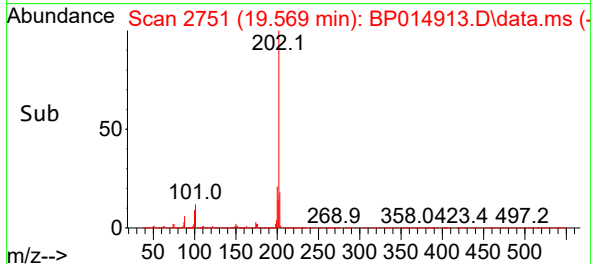
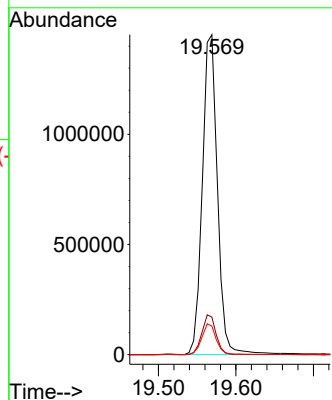
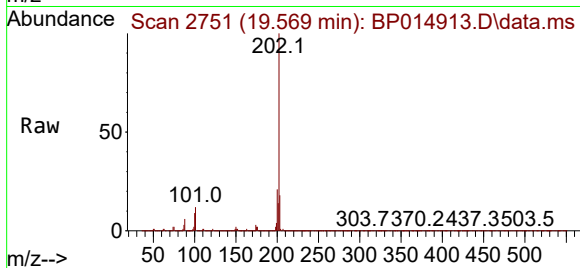
Tgt Ion:202 Resp: 1960414

Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.2

100 8.9 7.3 10.9



#82

Pyrene

Concen: 37.789 ng/ul

RT: 19.922 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

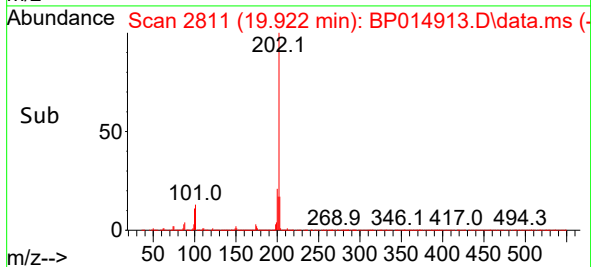
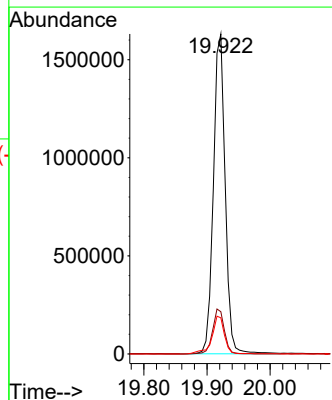
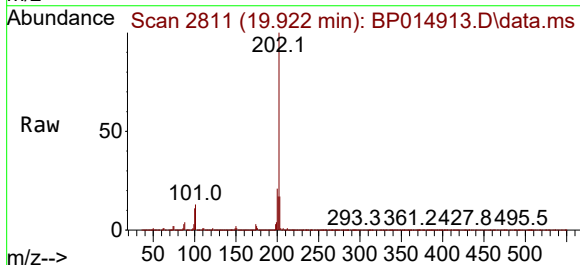
Tgt Ion:202 Resp: 2103341

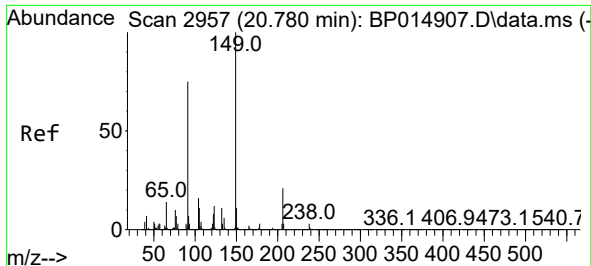
Ion Ratio Lower Upper

202 100

101 13.2 10.9 16.3

100 11.3 8.6 12.8

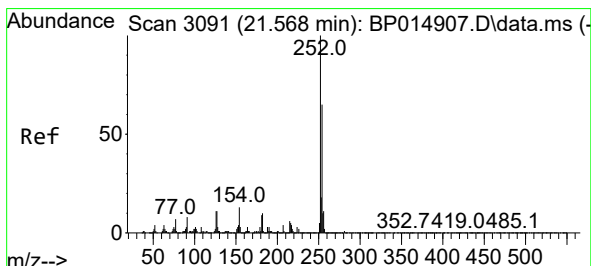
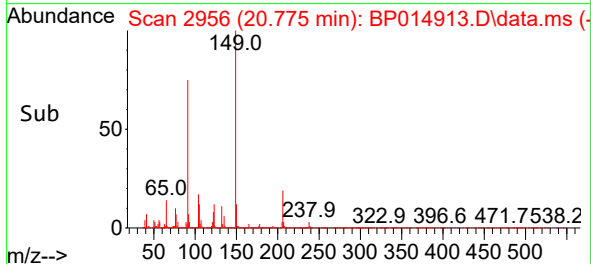
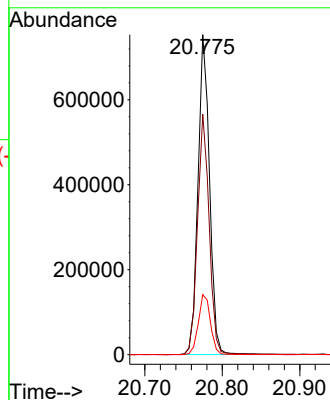
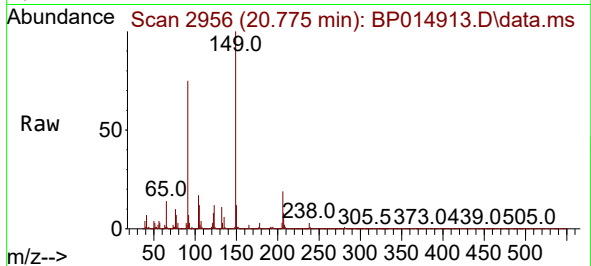




#83
Butylbenzylphthalate
Concen: 37.032 ng/ul
RT: 20.775 min Scan# 2957
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

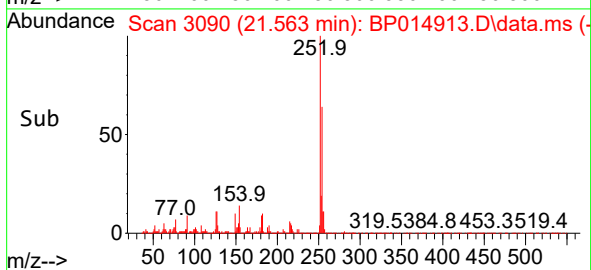
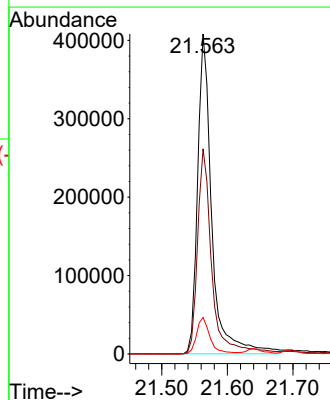
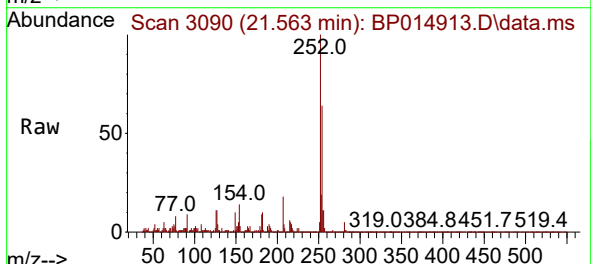
Instrument :
BNA_P
ClientSampleId :
SLCS489

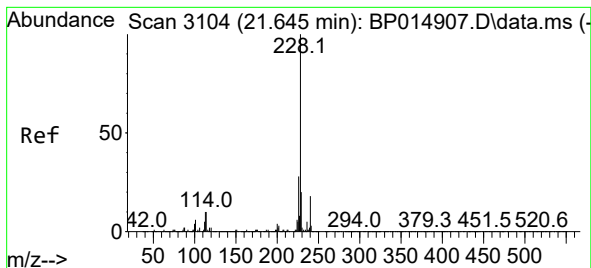
Tgt Ion:149 Resp: 775701
Ion Ratio Lower Upper
149 100
91 75.1 58.3 87.5
206 18.8 17.4 26.0



#84
3,3'-Dichlorobenzidine
Concen: 36.352 ng/ul
RT: 21.563 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP014913.D
Acq: 01 May 2023 14:07

Tgt Ion:252 Resp: 614875
Ion Ratio Lower Upper
252 100
254 64.1 52.6 78.8
126 11.4 8.9 13.3





#85

Benzo(a)anthracene

Concen: 36.353 ng/ul

RT: 21.639 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

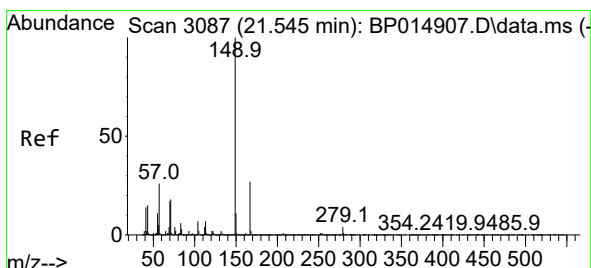
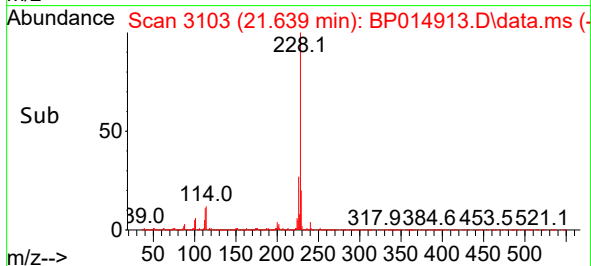
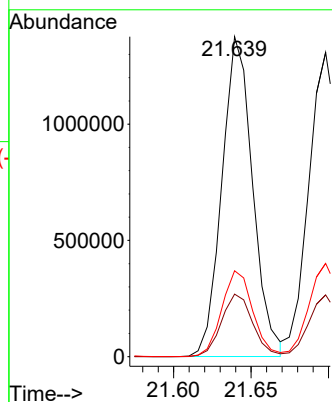
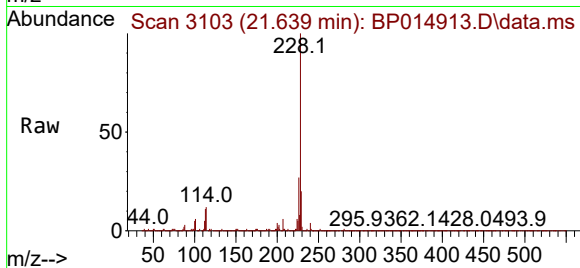
Tgt Ion:228 Resp: 1900233

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 26.9 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 36.547 ng/ul

RT: 21.539 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

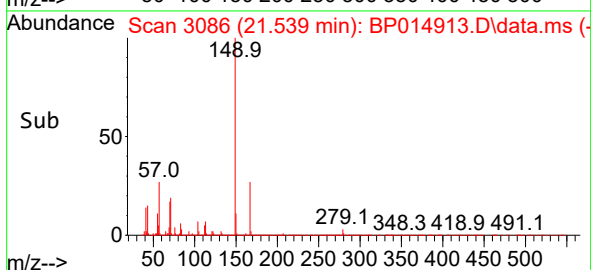
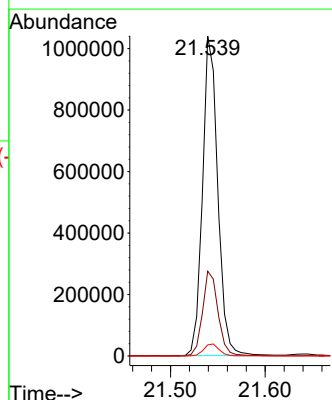
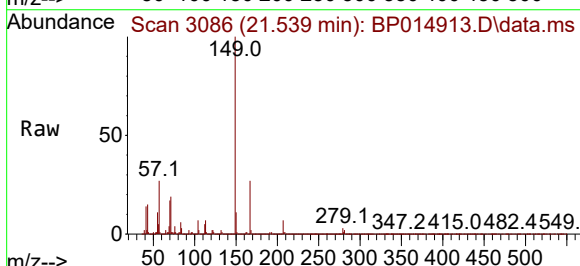
Tgt Ion:149 Resp: 1160481

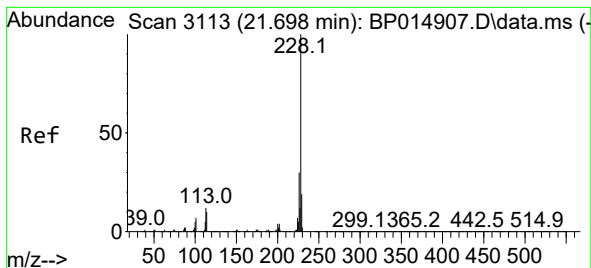
Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.2

279 3.5 3.4 5.0





#87

Chrysene

Concen: 36.493 ng/ul

RT: 21.698 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

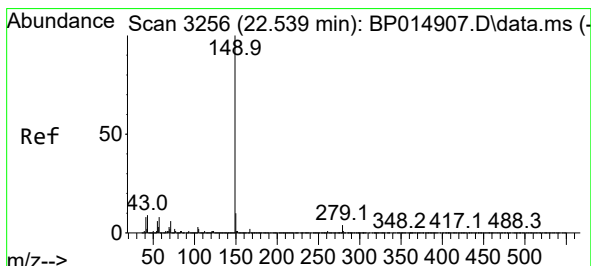
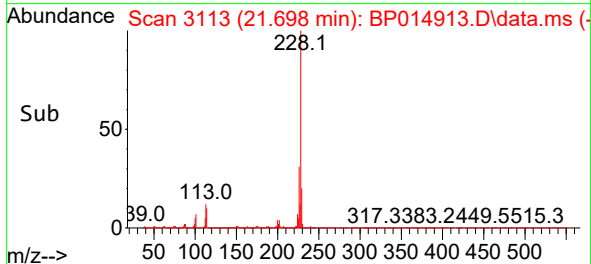
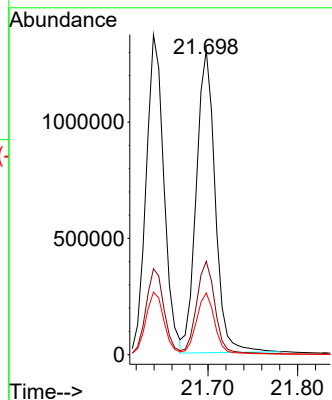
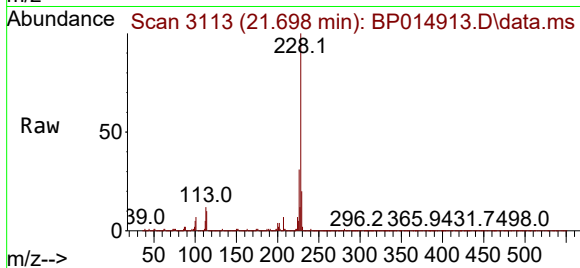
Tgt Ion:228 Resp: 1898488

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.3 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 35.902 ng/ul

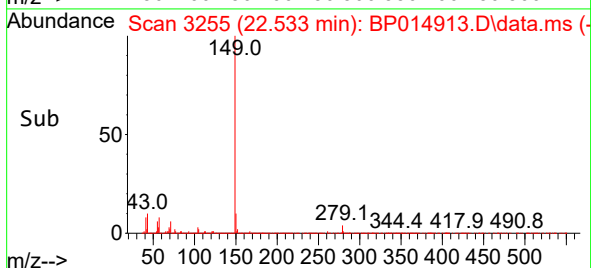
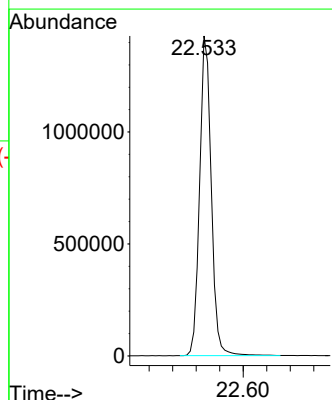
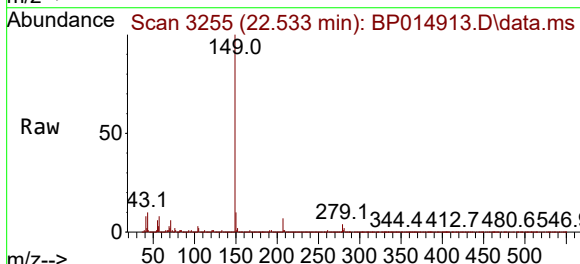
RT: 22.533 min Scan# 3255

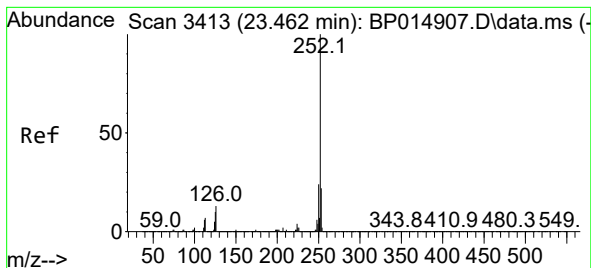
Delta R.T. -0.006 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Tgt Ion:149 Resp: 1960341





#90

Benzo(b)fluoranthene

Concen: 36.771 ng/ul

RT: 23.463 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

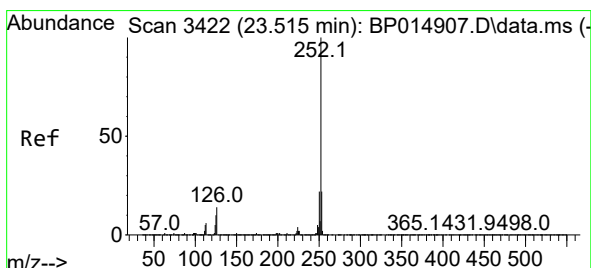
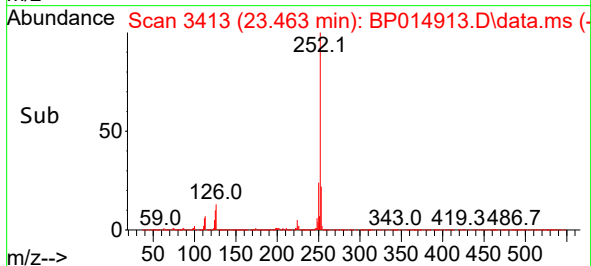
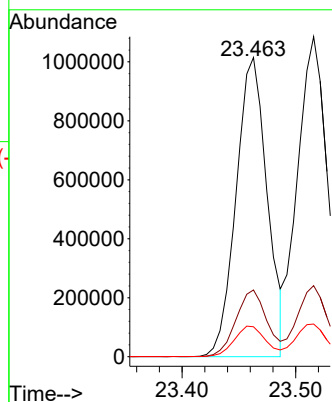
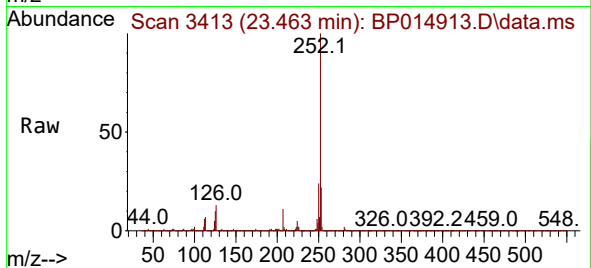
Tgt Ion:252 Resp: 1926435

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.0 8.1 12.1



#91

Benzo(k)fluoranthene

Concen: 38.248 ng/ul

RT: 23.516 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

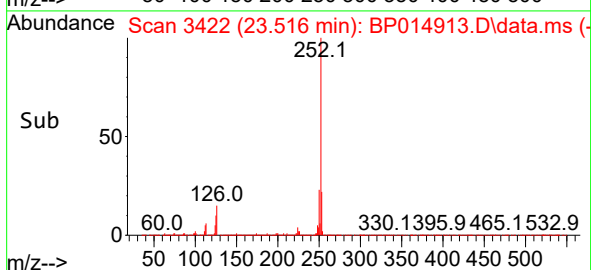
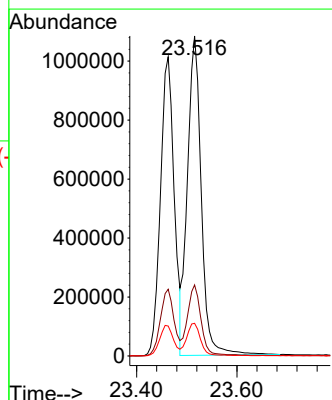
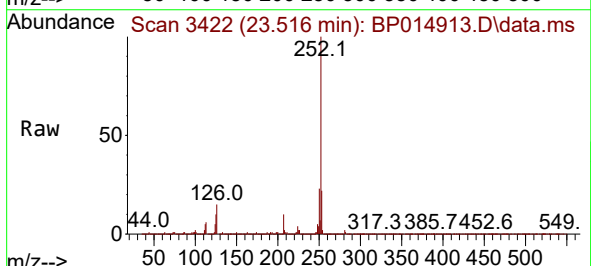
Tgt Ion:252 Resp: 2078929

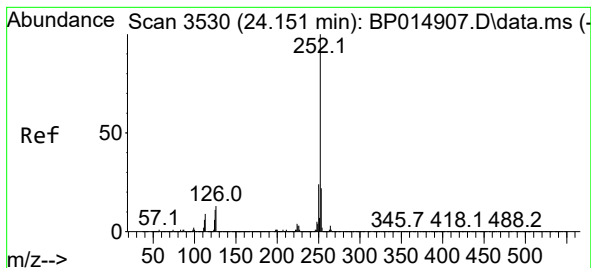
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.2 7.8 11.6





#93

Benzo(a)pyrene

Concen: 37.901 ng/ul

RT: 24.151 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

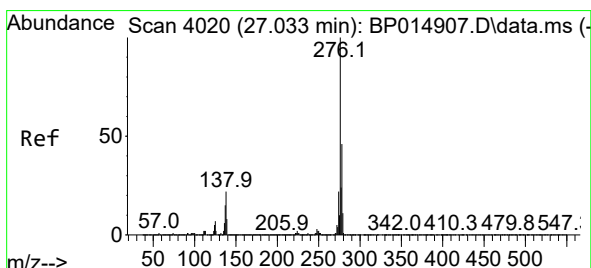
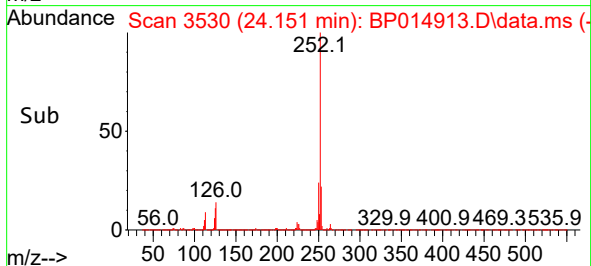
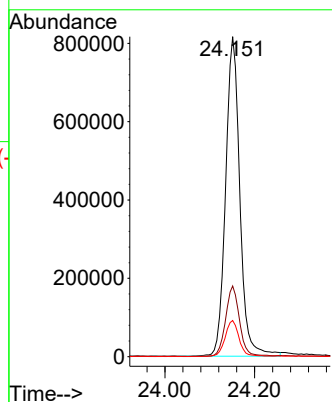
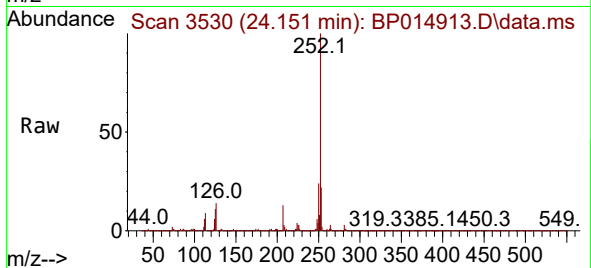
Tgt Ion:252 Resp: 1805892

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.3 8.4 12.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.007 ng/ul

RT: 27.033 min Scan# 4020

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

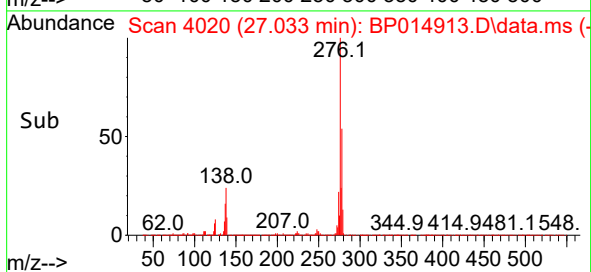
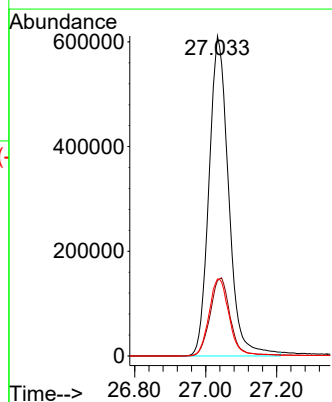
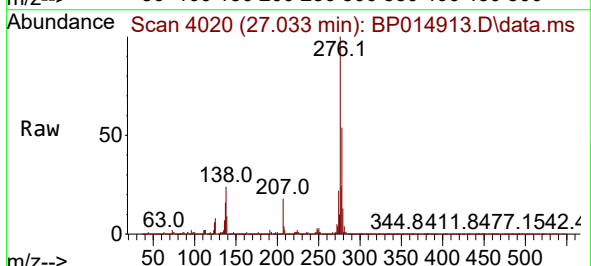
Tgt Ion:276 Resp: 2341569

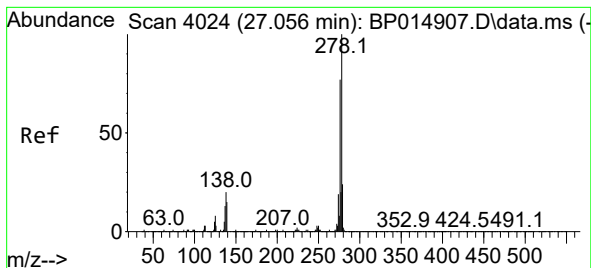
Ion Ratio Lower Upper

276 100

138 23.5 17.4 26.0

277 24.1 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 37.124 ng/ul

RT: 27.057 min Scan# 4024

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Instrument :

BNA_P

ClientSampleId :

SLCS489

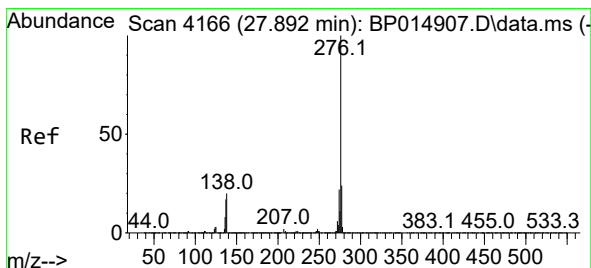
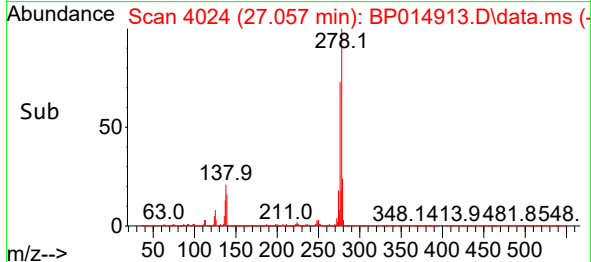
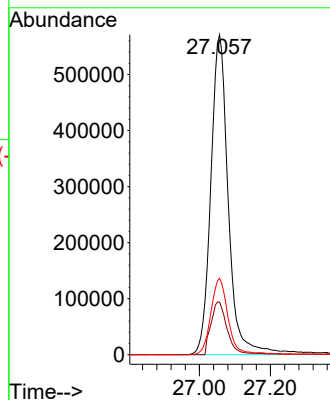
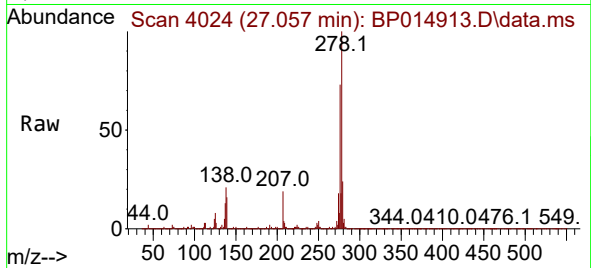
Tgt Ion:278 Resp: 1942701

Ion Ratio Lower Upper

278 100

139 16.4 12.1 18.1

279 23.9 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 36.904 ng/ul

RT: 27.892 min Scan# 4166

Delta R.T. 0.000 min

Lab File: BP014913.D

Acq: 01 May 2023 14:07

Tgt Ion:276 Resp: 1927195

Ion Ratio Lower Upper

276 100

138 20.9 15.8 23.6

277 23.6 19.0 28.6

