

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
 Data File : BP015369.D
 Acq On : 31 May 2023 20:30
 Operator : CG/JU
 Sample : PB153064BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS064

Quant Time: May 31 22:45:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 31 14:24:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	138804	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	612814	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	400021	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	916366	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	848437	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	927272	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	26716	7.478	ng/uL	0.00
4) Pyridine-d5	3.852	84	350900	34.652	ng/u1	0.00
7) Phenol-d5	7.257	99	497160	38.577	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	301510	40.508	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	390069	41.165	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	419025	40.803	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	205608	42.697	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	241210	45.018	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	418204	43.254	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	546089	38.174	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	1360706	45.015	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	1496964	43.300	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	265919	45.304	ng/u1	0.00
60) Fluorene-d10	15.739	176	1111412	43.574	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	267701	46.355	ng/u1	0.00
73) Anthracene-d10	17.604	188	1764125	42.042	ng/u1	0.00
81) Pyrene-d10	19.821	212	2143926	43.569	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2130471	46.284	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.452	88	50104	13.052	ng/uL#	96
5) Pyridine	3.875	79	340432	32.324	ng/u1	91
6) Benzaldehyde	7.234	77	321503	90.761	ng/u1	99
8) Phenol	7.287	94	487861	36.916	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.522	93	383693	36.290	ng/u1	98
12) 2-Chlorophenol	7.663	128	369575	36.874	ng/u1	95
13) 2-Methylphenol	8.551	108	377446	36.955	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.640	45	497449	37.553	ng/u1	100
16) Acetophenone	8.940	105	613367	38.269	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.928	70	317692	37.794	ng/u1	95
18) 4-Methylphenol	8.887	108	410619	36.526	ng/u1	99
19) Hexachloroethane	9.193	117	157256	38.426	ng/u1	90
22) Nitrobenzene	9.328	77	483966	40.693	ng/u1	96
23) Isophorone	9.857	82	940696	38.481	ng/u1	98
25) 2-Nitrophenol	10.045	139	233280	39.703	ng/u1#	89
26) 2,4-Dimethylphenol	10.098	107	450485	38.421	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.334	93	549695	36.957	ng/u1	98
29) 2,4-Dichlorophenol	10.581	162	383975	39.317	ng/u1	98
30) Naphthalene	10.987	128	1242190	37.284	ng/u1	99
32) 4-Chloroaniline	11.098	127	512885	34.883	ng/u1	98
33) Hexachlorobutadiene	11.263	225	255392	43.389	ng/u1	98
34) Caprolactam	11.881	113	97371	26.445	ng/u1	84
35) 4-Chloro-3-methylphenol	12.210	107	461801	41.877	ng/u1	94
36) 2-Methylnaphthalene	12.586	142	854944	38.085	ng/u1	99

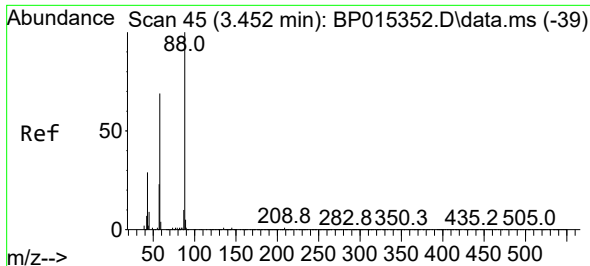
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	856027	37.973	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	484956	40.535	ng/ul	97
40) Hexachlorocyclopentadiene	12.922	237	248996	32.122	ng/ul	98
41) 2,4,6-Trichlorophenol	13.186	196	338382	40.055	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	374162	40.848	ng/ul	100
43) 1,1'-Biphenyl	13.581	154	1178220	37.962	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	931041	38.412	ng/ul	98
45) 2-Nitroaniline	13.834	65	323692	46.675	ng/ul	88
47) Dimethylphthalate	14.198	163	1265467	40.198	ng/ul	100
48) 2,6-Dinitrotoluene	14.328	165	277401	44.478	ng/ul	98
50) Acenaphthylene	14.475	152	1461436	37.886	ng/ul	99
51) 3-Nitroaniline	14.657	138	275435	49.045	ng/ul	96
52) Acenaphthene	14.810	153	1006625	38.208	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	178171	43.026	ng/ul	87
55) 4-Nitrophenol	14.963	109	226748	52.523	ng/ul#	78
56) Dibenzofuran	15.145	168	1434682	39.151	ng/ul	95
57) 2,4-Dinitrotoluene	15.116	165	399749	44.295	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.369	232	336226	43.493	ng/ul	99
59) Diethylphthalate	15.557	149	1316916	41.943	ng/ul	99
61) Fluorene	15.798	166	1162172	39.464	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.786	204	588483	40.898	ng/ul	96
63) 4-Nitroaniline	15.822	138	293707	60.562	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.880	198	245643	41.214	ng/ul	98
67) N-Nitrosodiphenylamine	15.998	169	1022634	37.953	ng/ul	100
68) 4-Bromophenyl-phenylether	16.680	248	394939	41.843	ng/ul	96
69) Hexachlorobenzene	16.804	284	466957	41.864	ng/ul	99
70) Atrazine	16.951	200	381499	38.306	ng/ul	99
71) Pentachlorophenol	17.151	266	289962	41.559	ng/ul	100
72) Phenanthrene	17.545	178	1927589	38.629	ng/ul	100
74) Anthracene	17.639	178	1945850	38.563	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	504340	38.817	ng/uL	100
76) Pentachlorobenzene	15.063	250	501442	38.437	ng/uL	99
77) Carbazole	17.904	167	1809322	40.892	ng/ul	99
78) Di-n-butylphthalate	18.433	149	2315619	40.639	ng/ul	99
80) Fluoranthene	19.498	202	2389035	39.833	ng/ul	96
82) Pyrene	19.851	202	2429078	39.219	ng/ul	97
83) Butylbenzylphthalate	20.704	149	1114189	40.578	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	911202	48.901	ng/ul#	97
85) Benzo(a)anthracene	21.568	228	2426023	41.354	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1621861	41.028	ng/ul	99
87) Chrysene	21.621	228	2272218	40.518	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	2824019	44.468	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2478056	42.155	ng/ul	98
91) Benzo(k)fluoranthene	23.404	252	2363545	41.873	ng/ul	98
93) Benzo(a)pyrene	24.027	252	2103467	40.483	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.845	276	2499954	37.159	ng/ul	96
95) Dibenzo(a,h)anthracene	26.856	278	2088052	37.809	ng/ul	97
96) Benzo(g,h,i)perylene	27.680	276	2016799	36.762	ng/ul	97

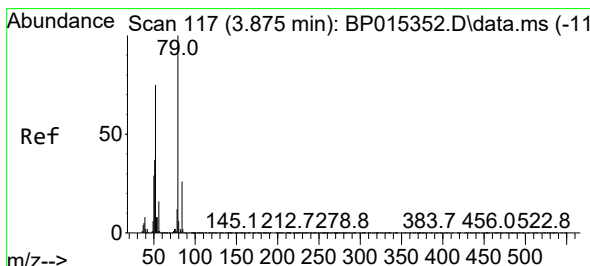
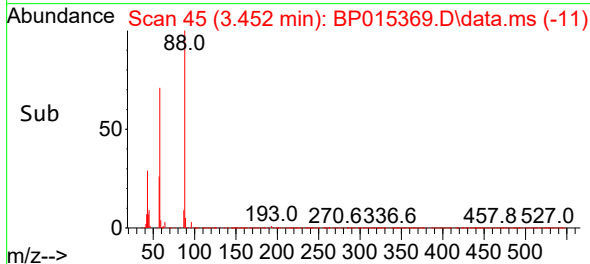
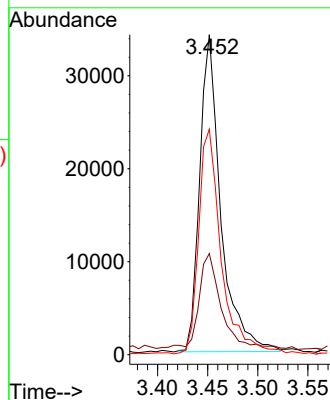
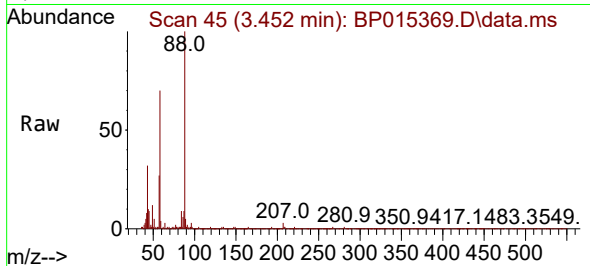
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#2
 1,4-Dioxane
 Concen: 13.052 ng/uL
 RT: 3.452 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BP015369.D
 Acq: 31 May 2023 20:30

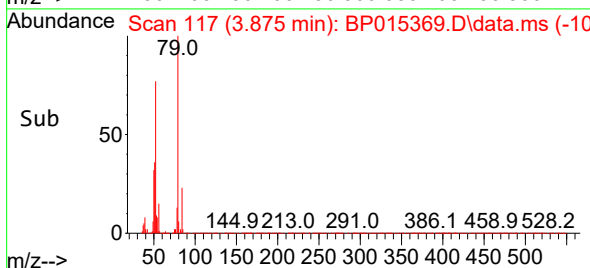
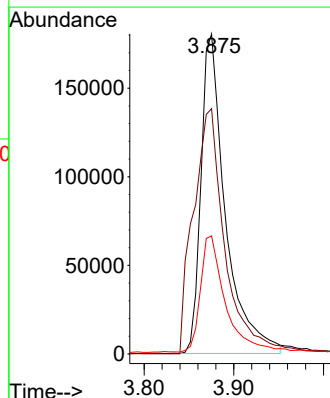
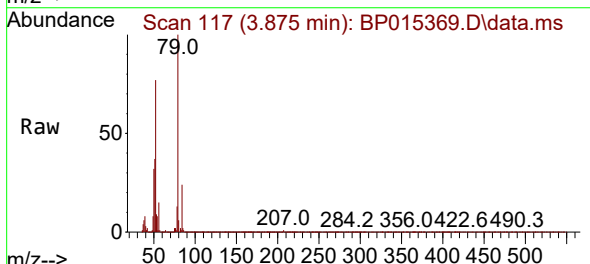
Instrument :
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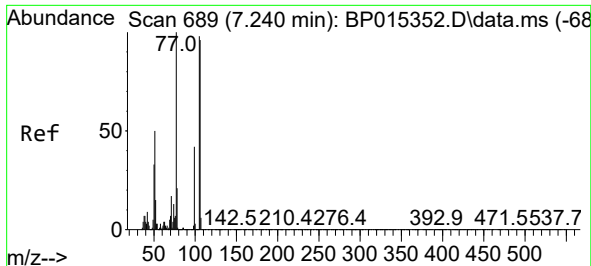
Tgt Ion: 88 Resp: 50104
 Ion Ratio Lower Upper
 88 100
 43 31.6 20.4 30.6#
 58 70.5 55.4 83.2



#5
 Pyridine
 Concen: 32.324 ng/uL
 RT: 3.875 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: BP015369.D
 Acq: 31 May 2023 20:30

Tgt Ion: 79 Resp: 340432
 Ion Ratio Lower Upper
 79 100
 52 76.6 55.4 83.2
 51 36.9 25.4 38.2

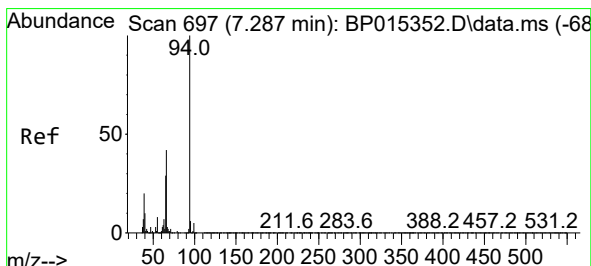
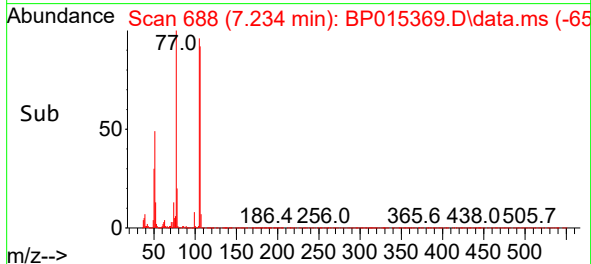
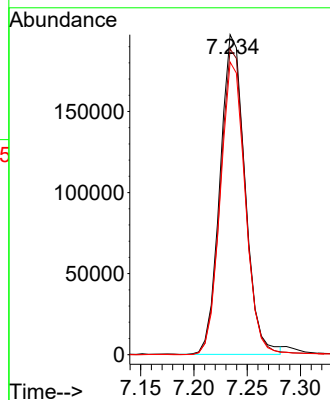
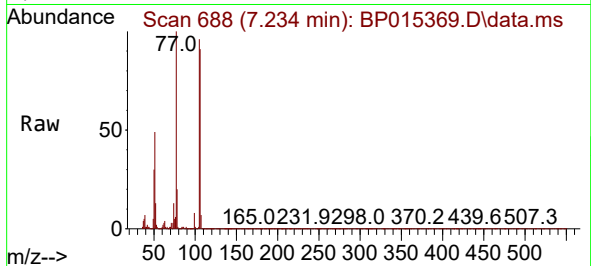




#6
Benzaldehyde
Concen: 90.761 ng/ul
RT: 7.234 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

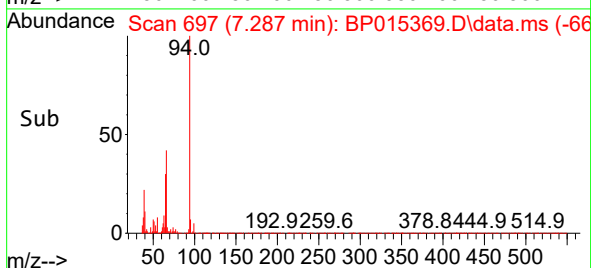
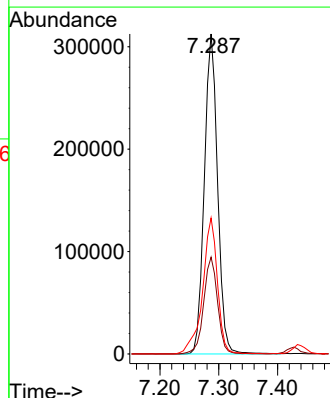
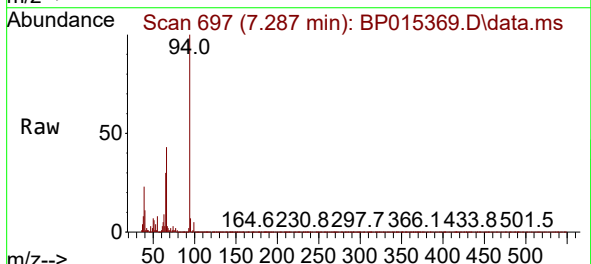
Instrument :
BNA_P
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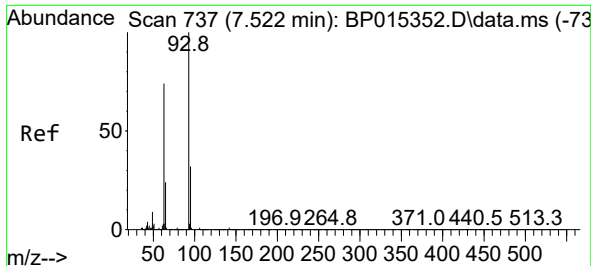
Tgt Ion: 77 Resp: 321503
Ion Ratio Lower Upper
77 100
105 95.6 76.9 115.3
106 91.4 75.0 112.6



#8
Phenol
Concen: 36.916 ng/ul
RT: 7.287 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion: 94 Resp: 487861
Ion Ratio Lower Upper
94 100
65 30.2 20.6 31.0
66 42.5 26.1 39.1#

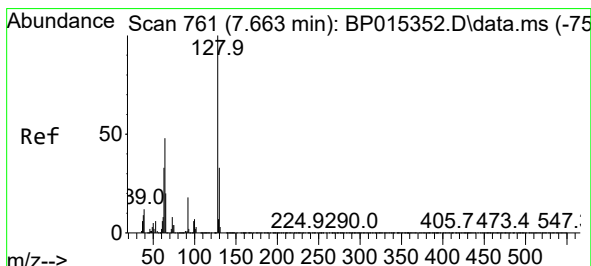
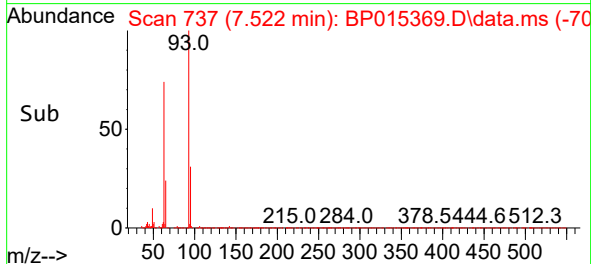
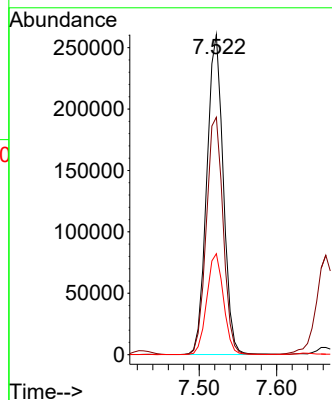
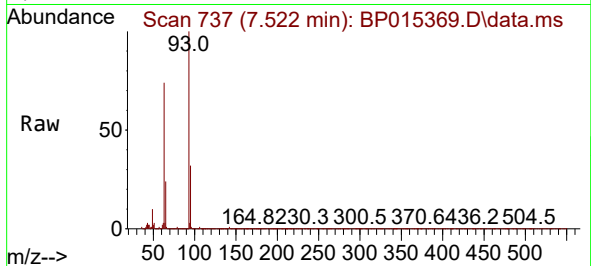




#10
Bis(2-Chloroethyl)ether
Concen: 36.290 ng/ul
RT: 7.522 min Scan# 737
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

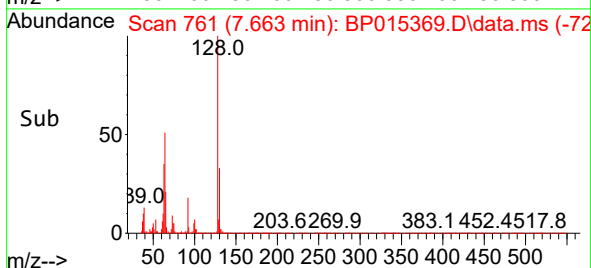
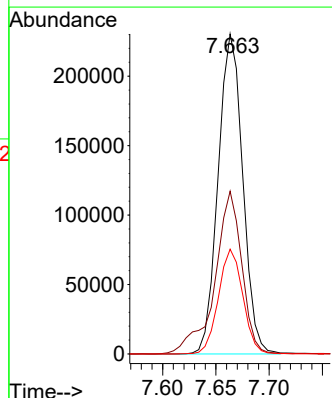
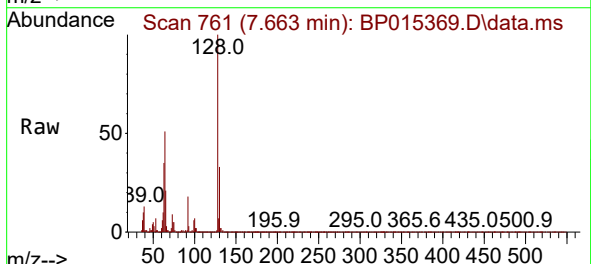
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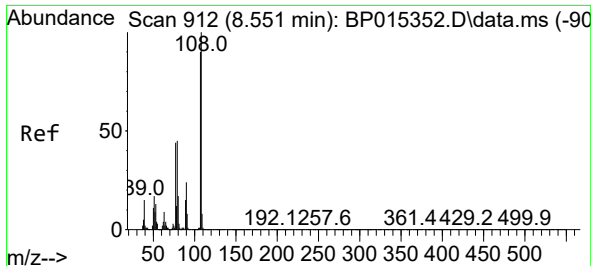
Tgt Ion: 93 Resp: 383693
Ion Ratio Lower Upper
93 100
63 74.2 58.0 87.0
95 31.6 26.4 39.6



#12
2-Chlorophenol
Concen: 36.874 ng/ul
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:128 Resp: 369575
Ion Ratio Lower Upper
128 100
64 50.8 36.2 54.2
130 32.8 26.3 39.5





#13

2-Methylphenol

Concen: 36.955 ng/ul

RT: 8.551 min Scan# 912

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

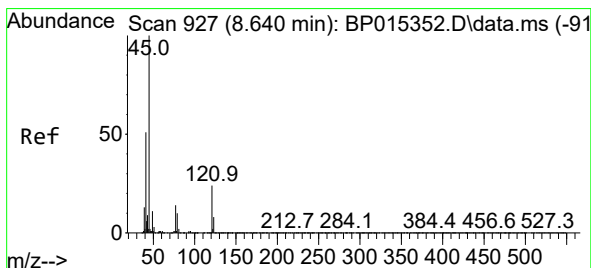
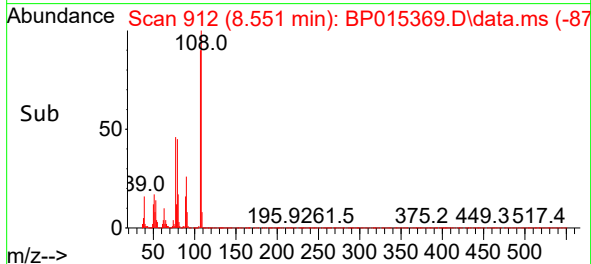
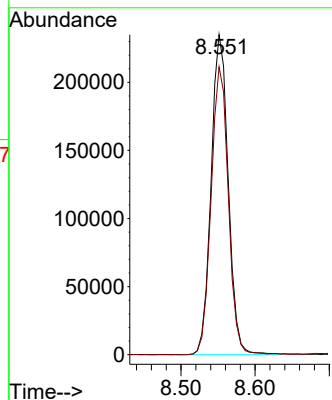
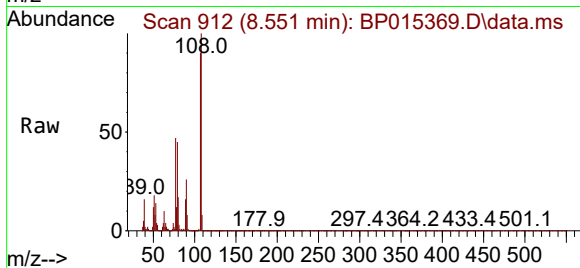
SLCS064

Tgt Ion:108 Resp: 377446

Ion Ratio Lower Upper

108 100

107 90.0 71.8 107.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 37.553 ng/ul

RT: 8.640 min Scan# 927

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

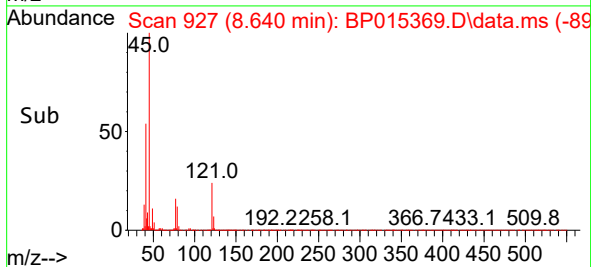
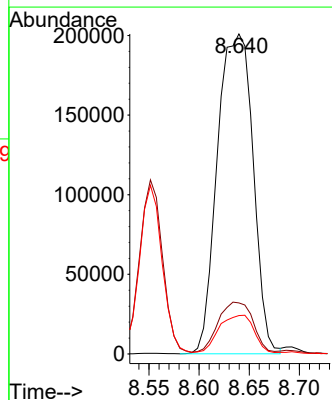
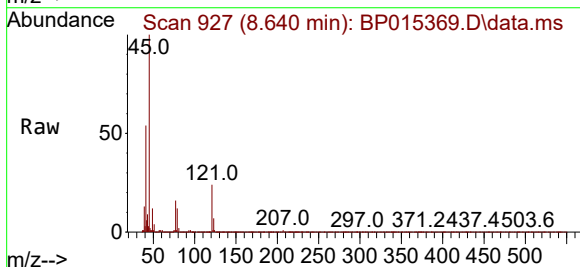
Tgt Ion: 45 Resp: 497449

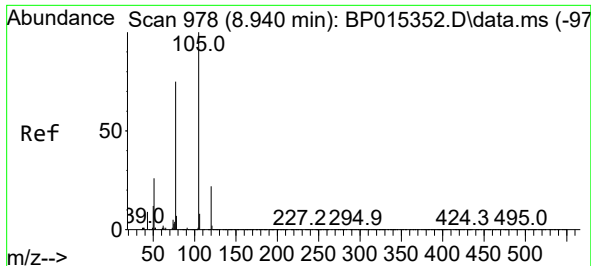
Ion Ratio Lower Upper

45 100

77 15.9 12.8 19.2

79 12.0 9.5 14.3

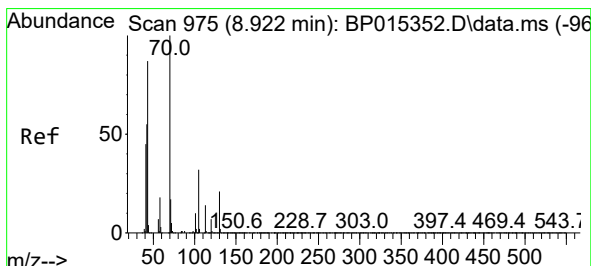
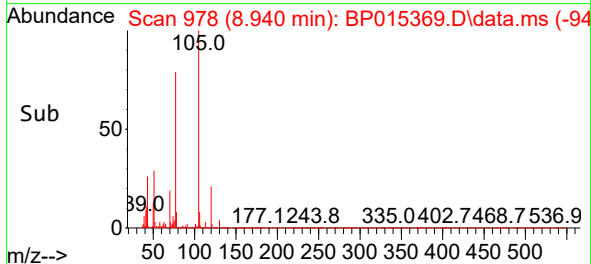
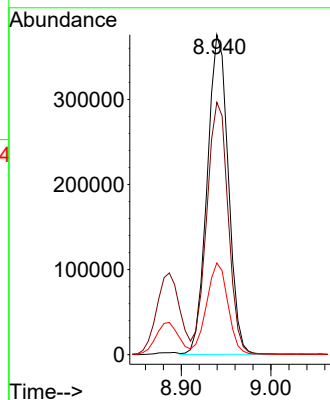
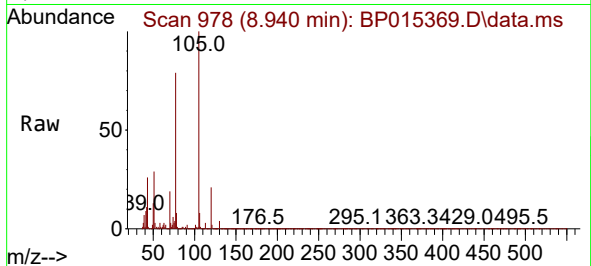




#16
Acetophenone
Concen: 38.269 ng/ul
RT: 8.940 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP015369.D
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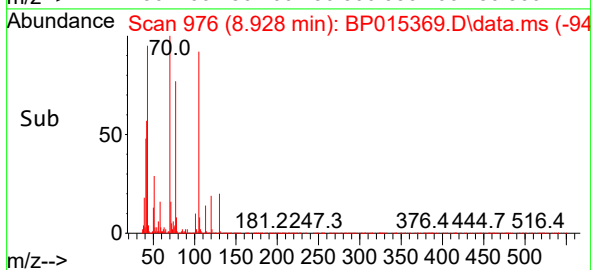
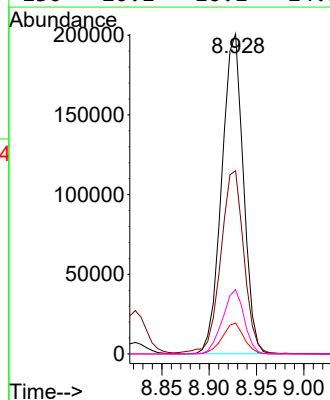
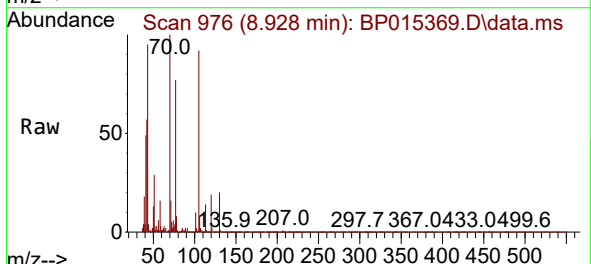
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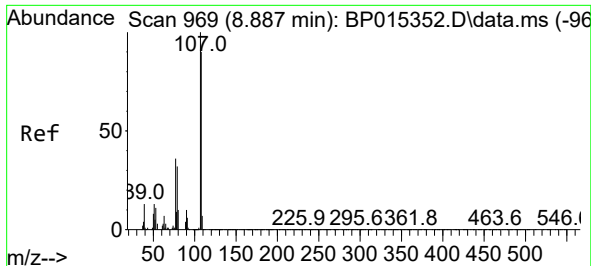
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Ion Ratio Lower Upper
105 100
77 78.8 59.4 89.2
51 28.7 19.2 28.8



#17
N-Nitroso-di-n-propylamine
Concen: 37.794 ng/ul
RT: 8.928 min Scan# 976
Delta R.T. 0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion: 70 Resp: 317692
Ion Ratio Lower Upper
70 100
42 57.2 41.0 61.6
101 9.6 7.9 11.9
130 20.1 16.1 24.1





#18

4-Methylphenol

Concen: 36.526 ng/ul

RT: 8.887 min Scan# 90

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

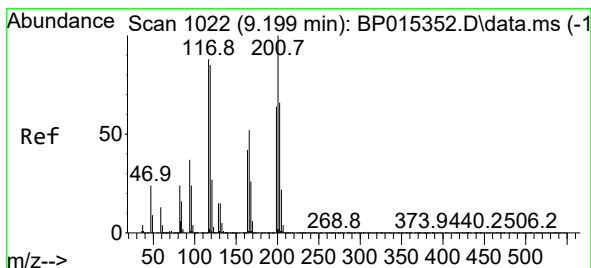
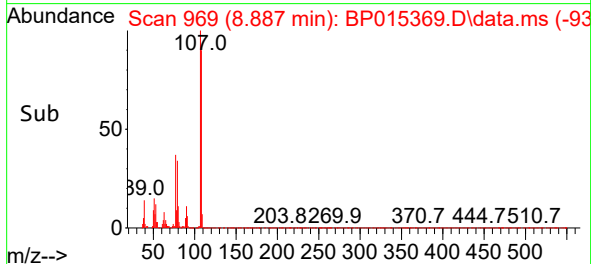
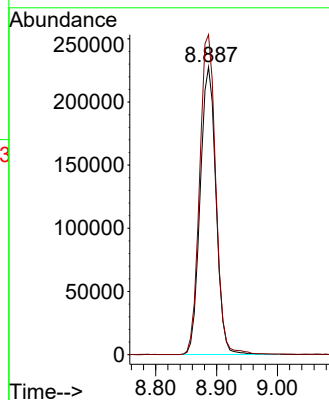
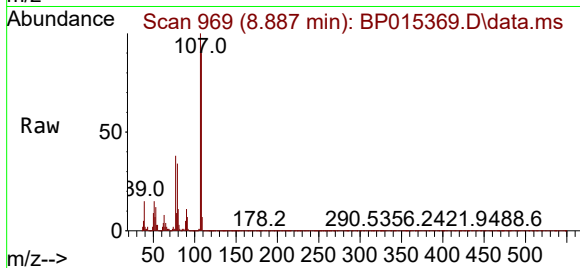
SLCS064

Tgt Ion:108 Resp: 410619

Ion Ratio Lower Upper

108 100

107 111.2 88.5 132.7



#19

Hexachloroethane

Concen: 38.426 ng/ul

RT: 9.193 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

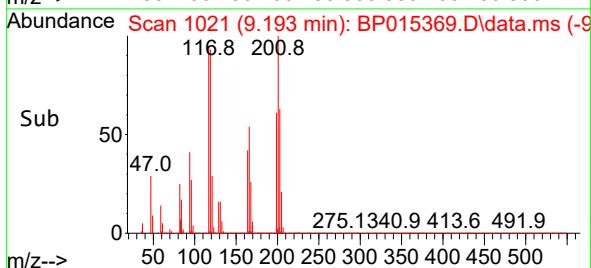
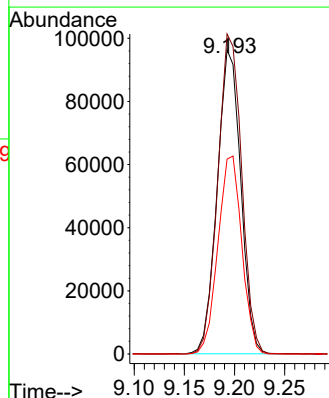
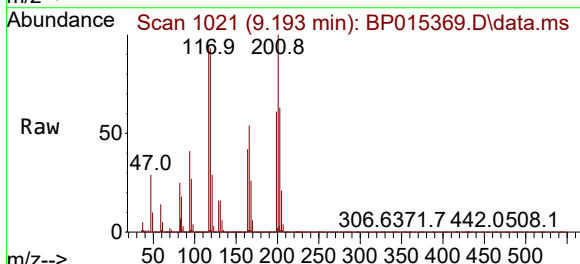
Tgt Ion:117 Resp: 157256

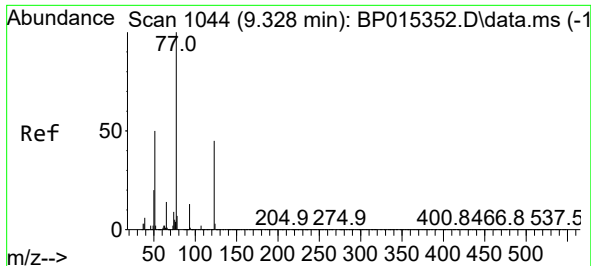
Ion Ratio Lower Upper

117 100

201 105.2 75.8 113.8

199 64.1 46.5 69.7

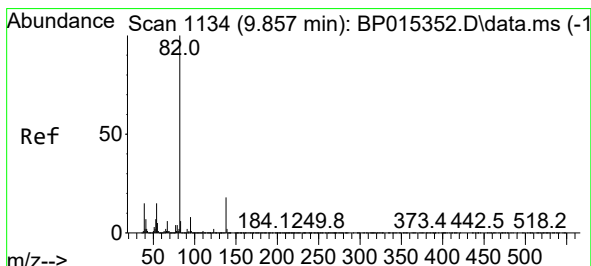
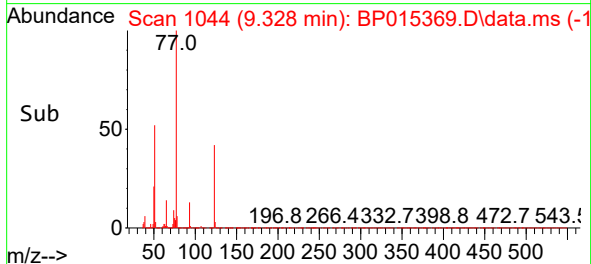
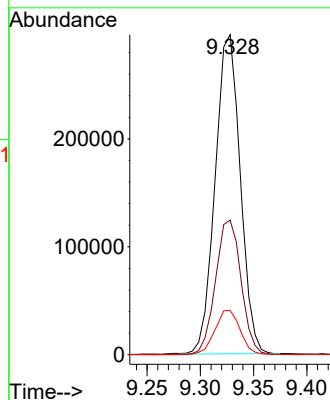
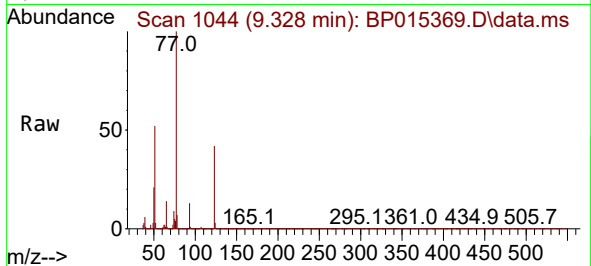




#22
Nitrobenzene
Concen: 40.693 ng/ul
RT: 9.328 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

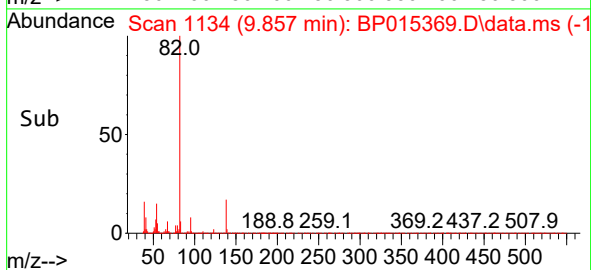
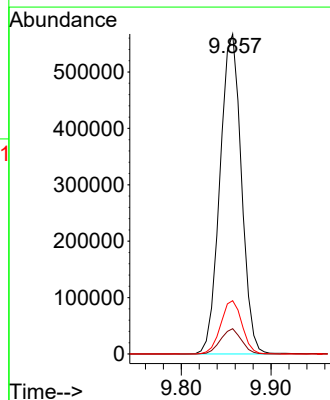
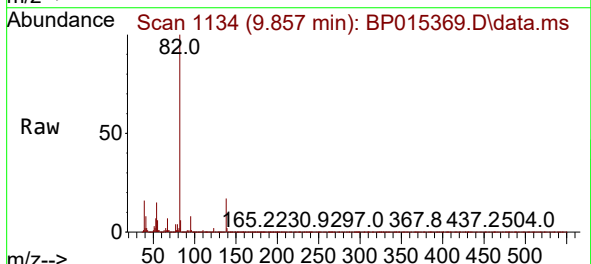
Instrument :
BNA_P
ClientSampleId :
SLCS064

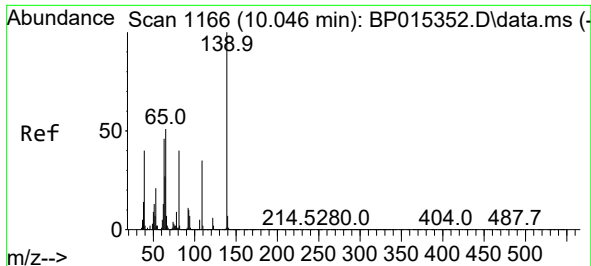
Tgt Ion: 77 Resp: 483966
Ion Ratio Lower Upper
77 100
123 42.1 36.2 54.2
65 13.9 10.1 15.1



#23
Isophorone
Concen: 38.481 ng/ul
RT: 9.857 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion: 82 Resp: 940696
Ion Ratio Lower Upper
82 100
95 7.9 5.4 8.0
138 16.7 13.6 20.4

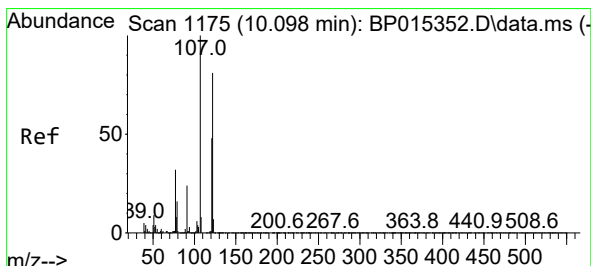
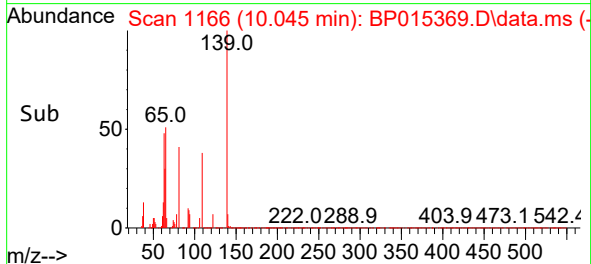
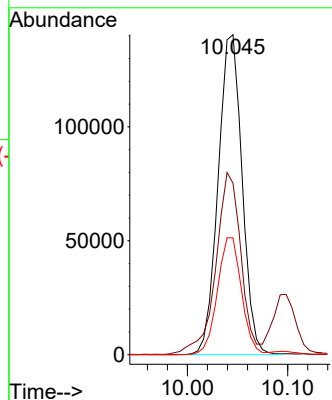
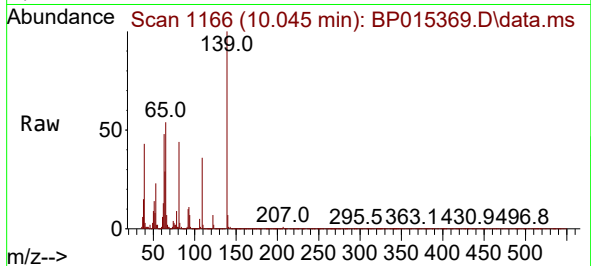




#25
2-Nitrophenol
Concen: 39.703 ng/ul
RT: 10.045 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

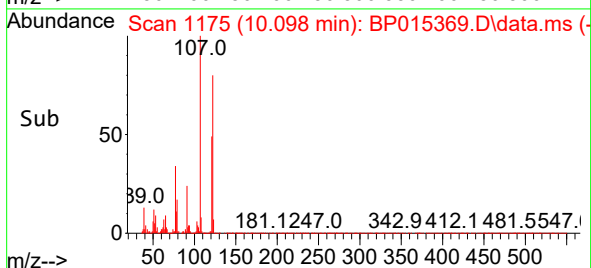
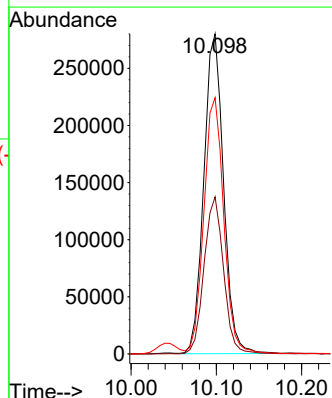
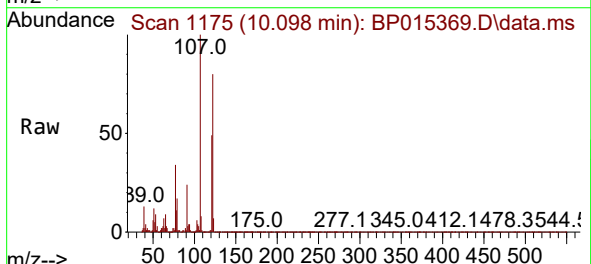
Instrument :
BNA_P
ClientSampleId :
SLCS064

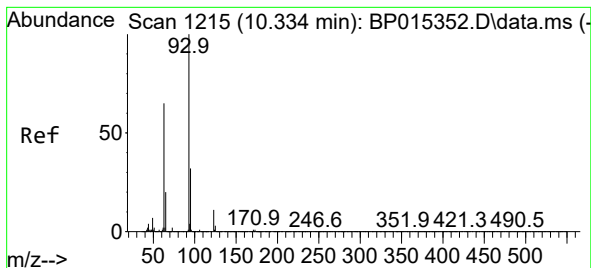
Tgt Ion:139 Resp: 233280
Ion Ratio Lower Upper
139 100
65 53.6 38.4 57.6
109 36.5 22.2 33.2#



#26
2,4-Dimethylphenol
Concen: 38.421 ng/ul
RT: 10.098 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:107 Resp: 450485
Ion Ratio Lower Upper
107 100
121 49.1 41.0 61.6
122 80.1 69.5 104.3



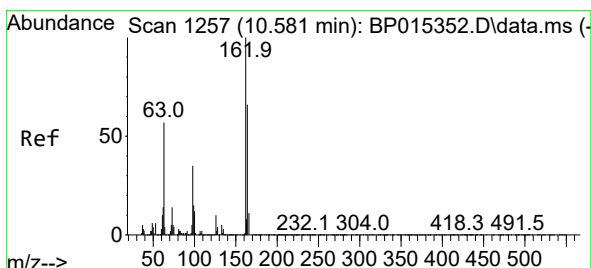
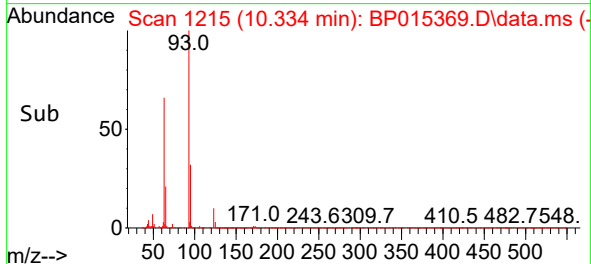
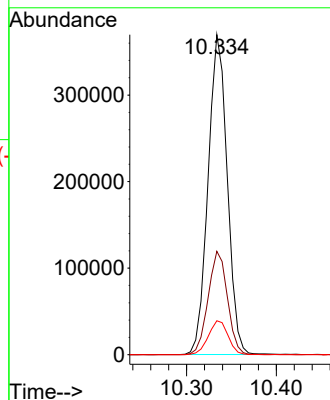
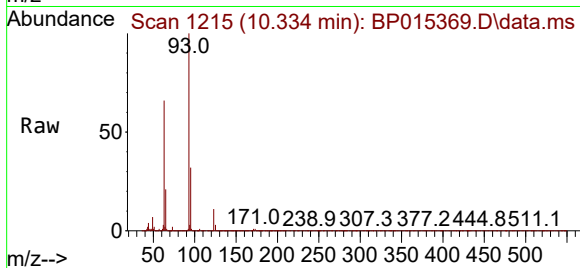


#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.957 ng/ul
 RT: 10.334 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: BP015369.D
 Acq: 31 May 2023 20:30

Instrument :
 BNA_P
 ClientSampleId :
 SLCS064

Tgt Ion: 93 Resp: 549695

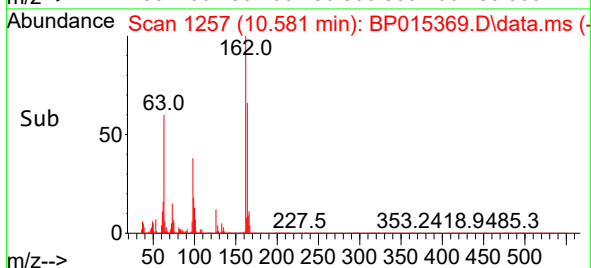
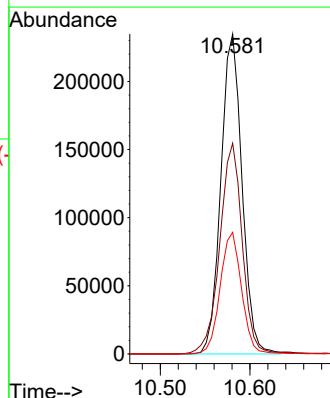
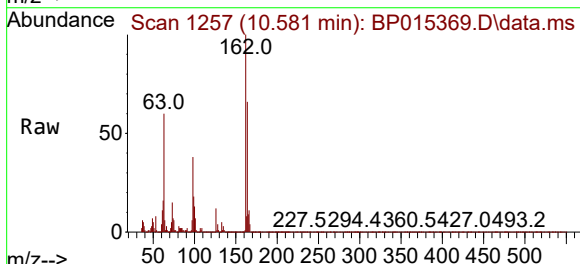
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.7	40.1
123	10.6	9.1	13.7

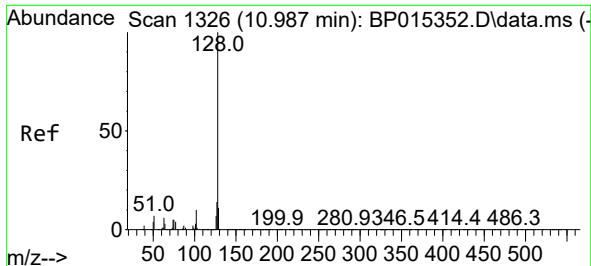


#29
 2,4-Dichlorophenol
 Concen: 39.317 ng/ul
 RT: 10.581 min Scan# 1257
 Delta R.T. -0.000 min
 Lab File: BP015369.D
 Acq: 31 May 2023 20:30

Tgt Ion: 162 Resp: 383975

Ion	Ratio	Lower	Upper
162	100		
164	65.9	52.0	78.0
98	38.0	28.9	43.3

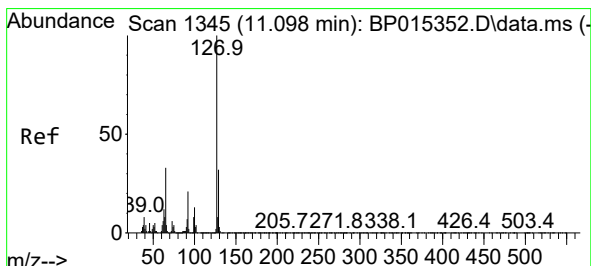
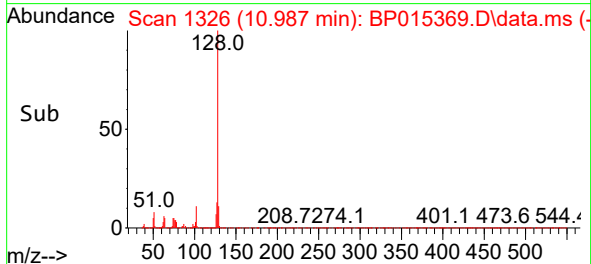
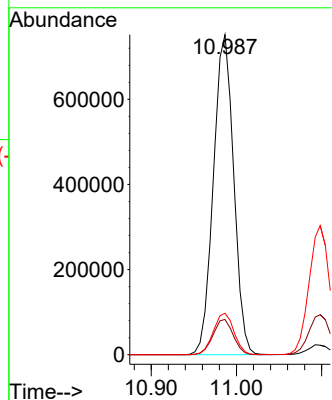
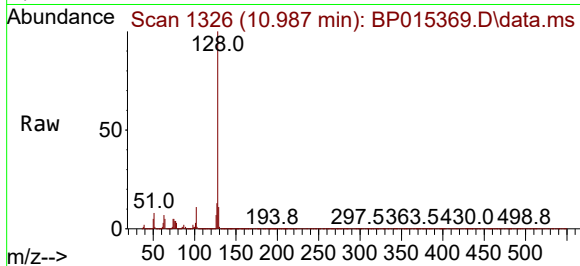




#30
Naphthalene
Concen: 37.284 ng/ul
RT: 10.987 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

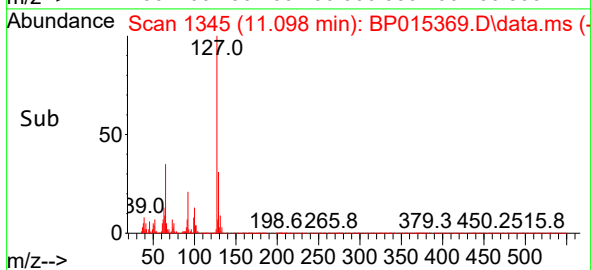
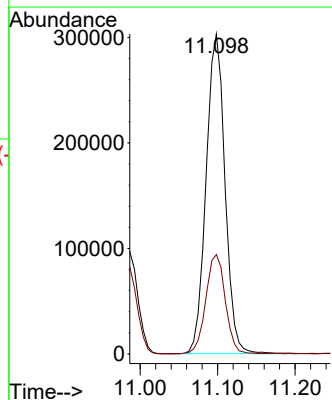
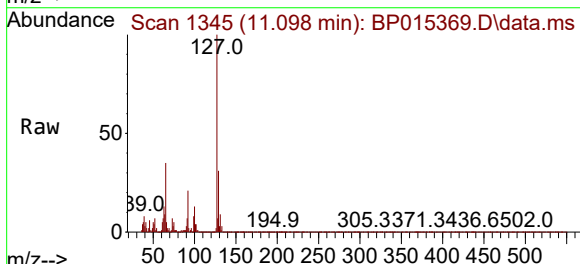
Instrument :
BNA_P
ClientSampleId :
SLCS064

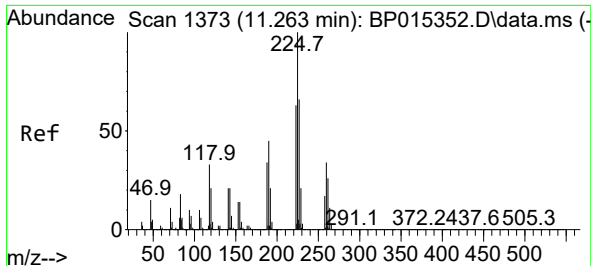
Tgt Ion:128 Resp: 1242190
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 34.883 ng/ul
RT: 11.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:127 Resp: 512885
Ion Ratio Lower Upper
127 100
129 31.0 25.8 38.8

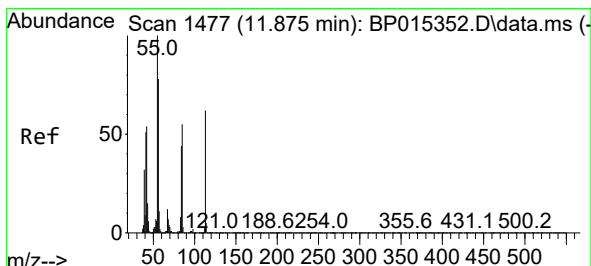
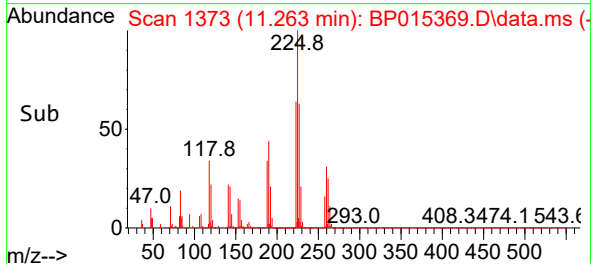
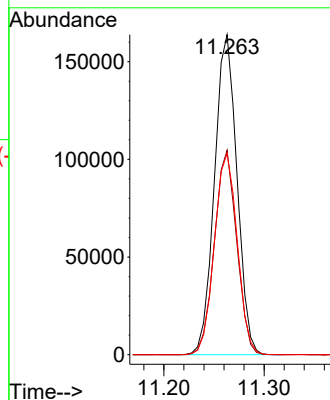
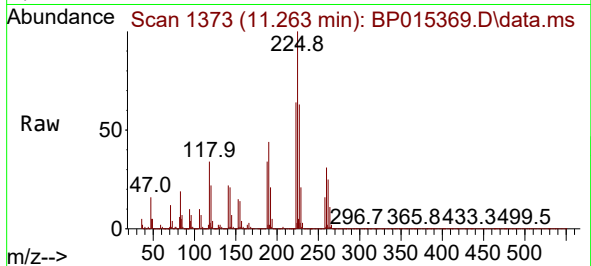




#33
Hexachlorobutadiene
Concen: 43.389 ng/ul
RT: 11.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

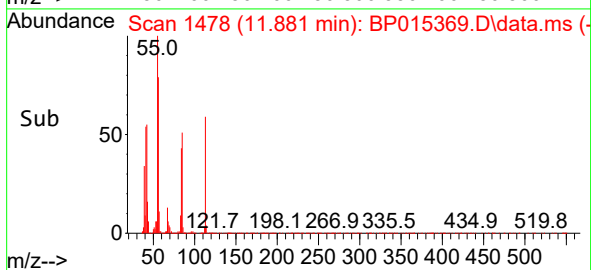
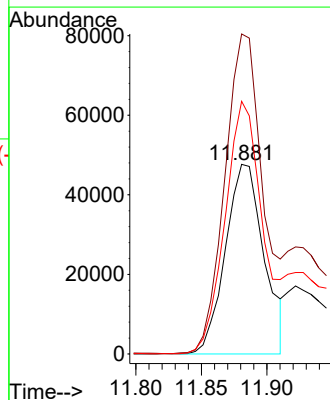
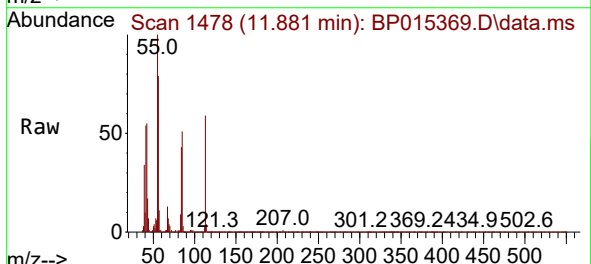
Instrument :
BNA_P
ClientSampleId :
SLCS064

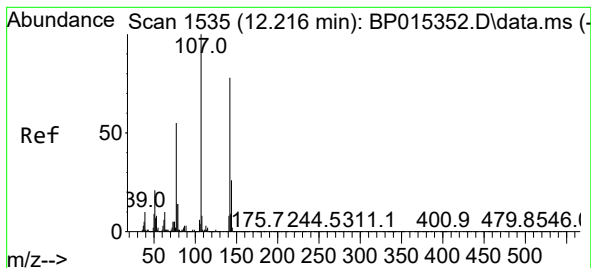
Tgt Ion:225 Resp: 255392
Ion Ratio Lower Upper
225 100
223 63.9 51.0 76.6
227 62.9 52.2 78.4



#34
Caprolactam
Concen: 26.445 ng/ul
RT: 11.881 min Scan# 1478
Delta R.T. 0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:113 Resp: 97371
Ion Ratio Lower Upper
113 100
55 168.8 121.2 181.8
56 133.2 90.2 135.4

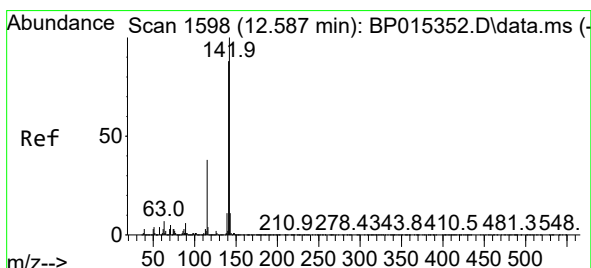
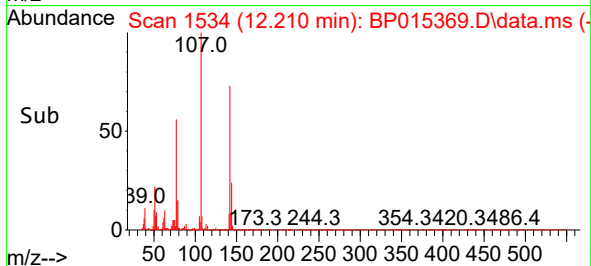
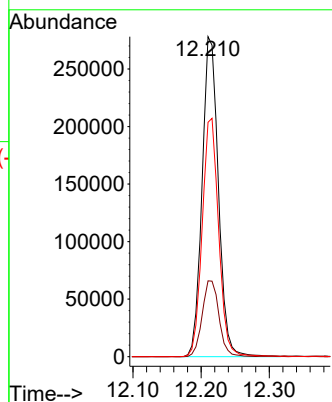
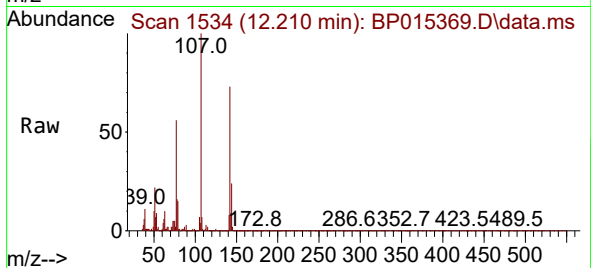




#35
4-Chloro-3-methylphenol
Concen: 41.877 ng/ul
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

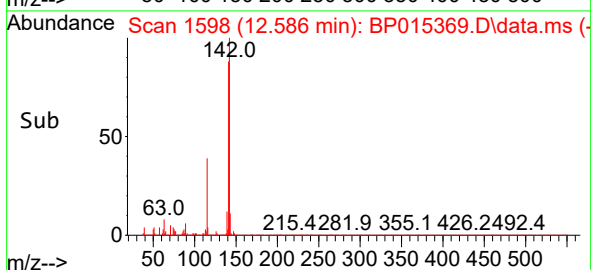
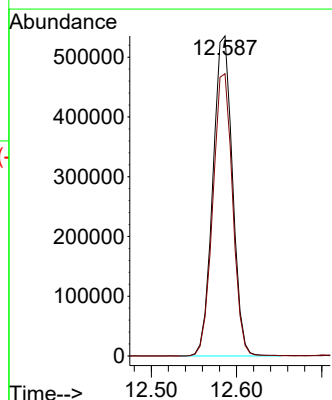
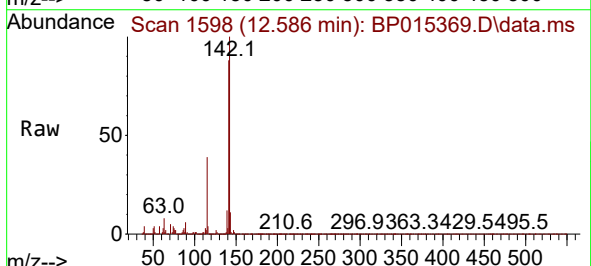
Instrument :
BNA_P
ClientSampleId :
SLCS064

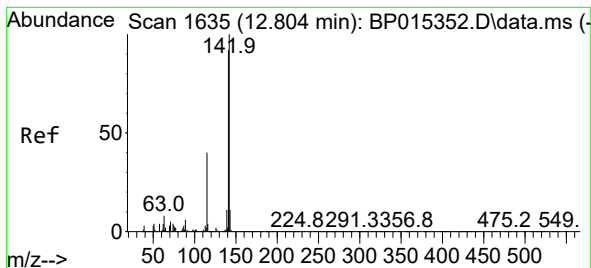
Tgt Ion:107 Resp: 461801
Ion Ratio Lower Upper
107 100
144 23.7 20.3 30.5
142 73.3 63.2 94.8



#36
2-Methylnaphthalene
Concen: 38.085 ng/ul
RT: 12.586 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:142 Resp: 854944
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6





#37

1-Methylnaphthalene

Concen: 37.973 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

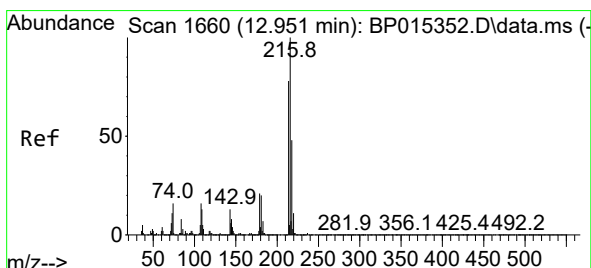
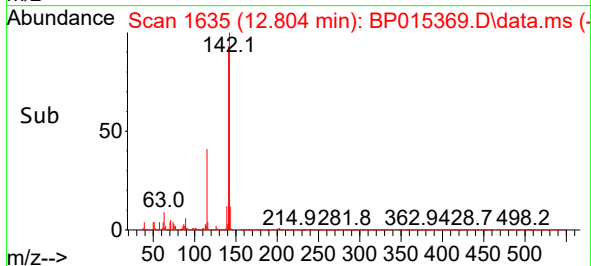
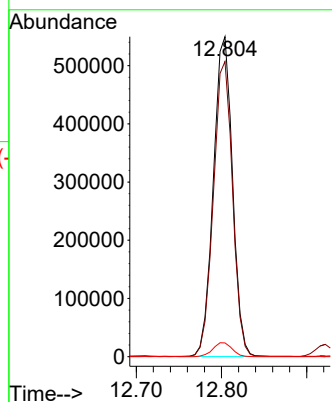
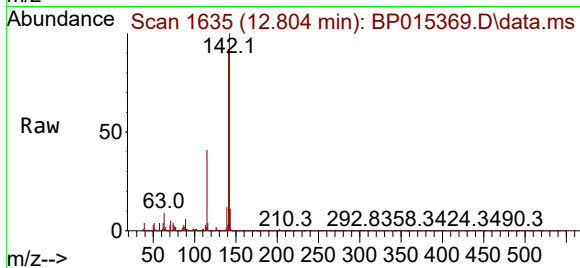
Tgt Ion:142 Resp: 856027

Ion Ratio Lower Upper

142 100

141 92.3 74.6 112.0

116 4.3 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.535 ng/ul

RT: 12.945 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Tgt Ion:216 Resp: 484956

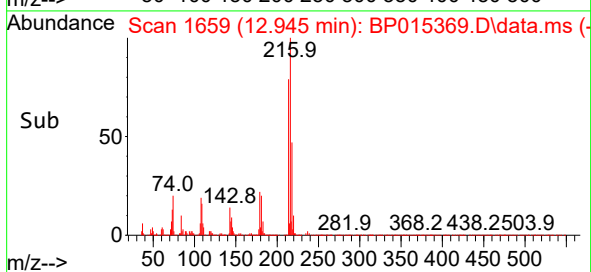
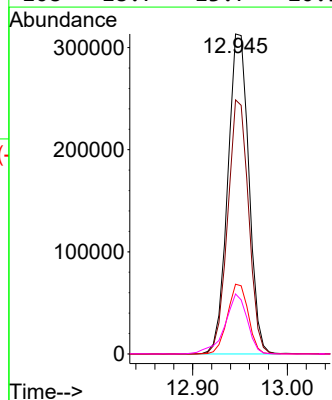
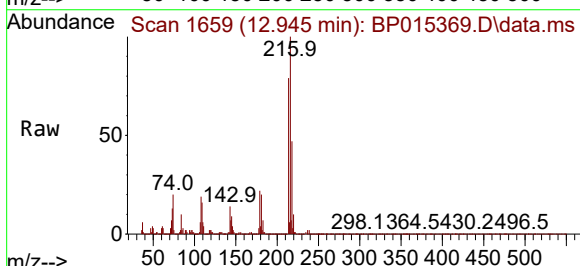
Ion Ratio Lower Upper

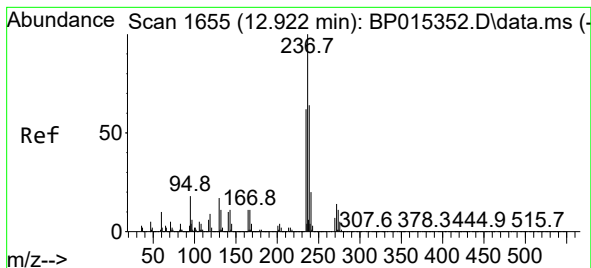
216 100

214 79.4 61.4 92.0

179 21.8 15.9 23.9

108 18.7 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 32.122 ng/ul

RT: 12.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

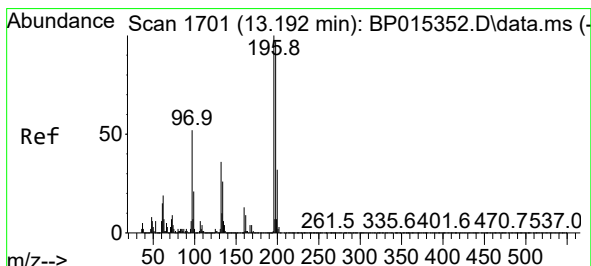
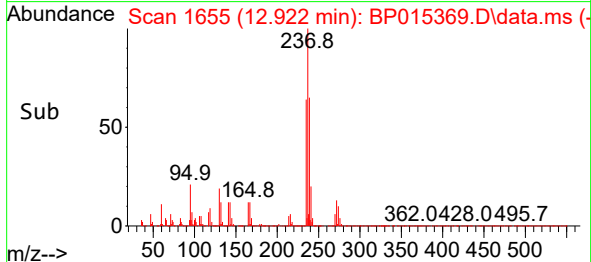
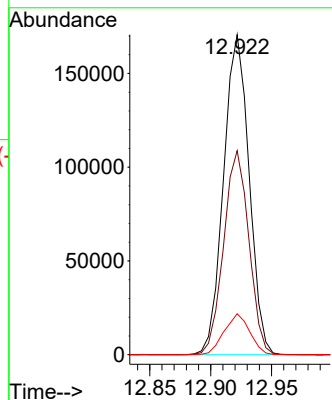
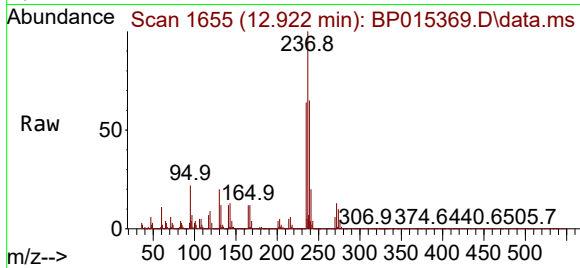
Tgt Ion:237 Resp: 248996

Ion Ratio Lower Upper

237 100

235 63.7 49.4 74.0

272 12.8 10.4 15.6



#41

2,4,6-Trichlorophenol

Concen: 40.055 ng/ul

RT: 13.186 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

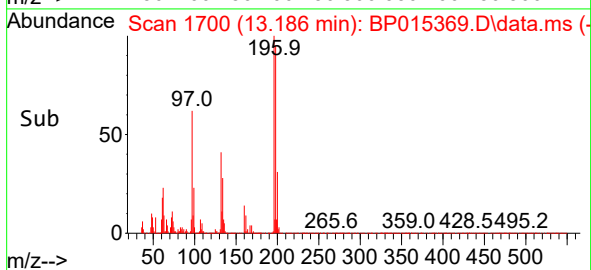
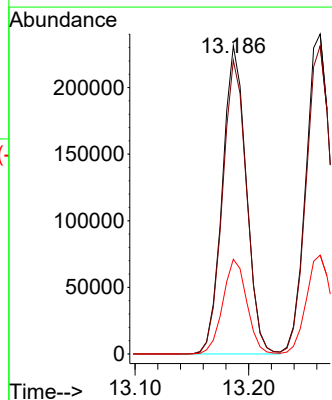
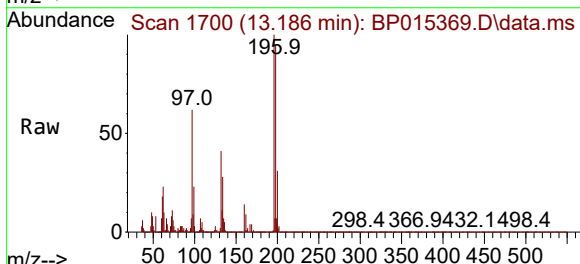
Tgt Ion:196 Resp: 338382

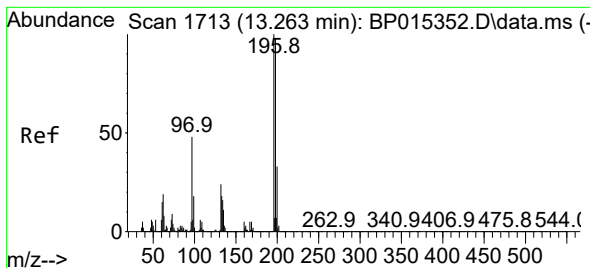
Ion Ratio Lower Upper

196 100

198 95.3 75.5 113.3

200 30.7 23.6 35.4





#42

2,4,5-Trichlorophenol

Concen: 40.848 ng/ul

RT: 13.263 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

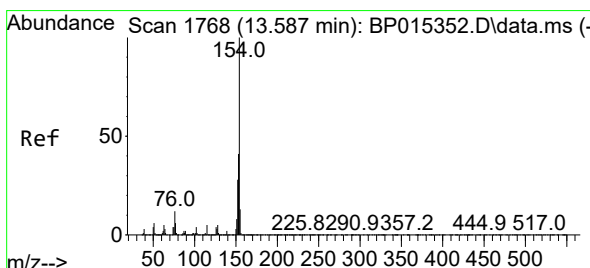
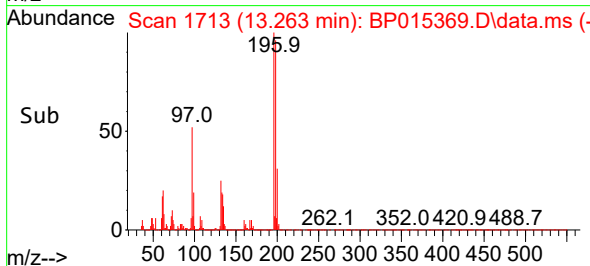
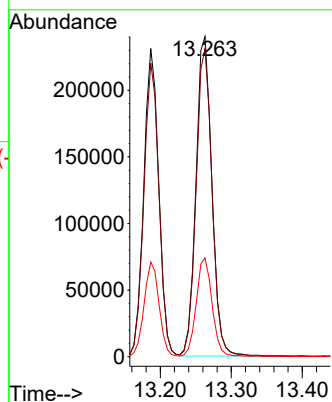
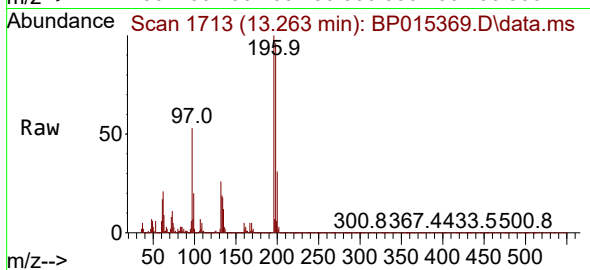
Tgt Ion:196 Resp: 374162

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

200 30.9 24.3 36.5



#43

1,1'-Biphenyl

Concen: 37.962 ng/ul

RT: 13.581 min Scan# 1767

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

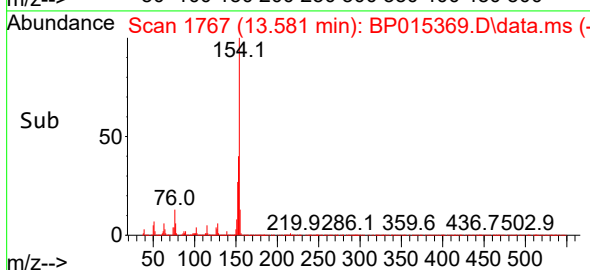
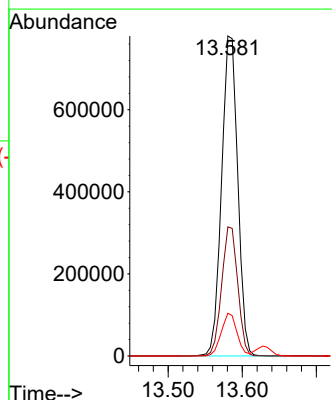
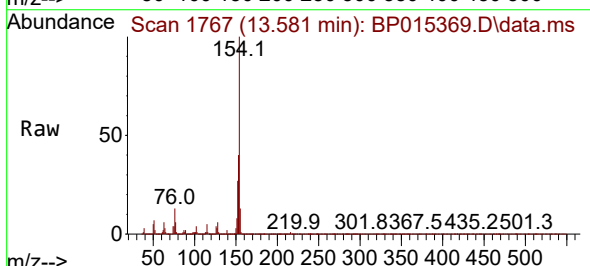
Tgt Ion:154 Resp: 1178220

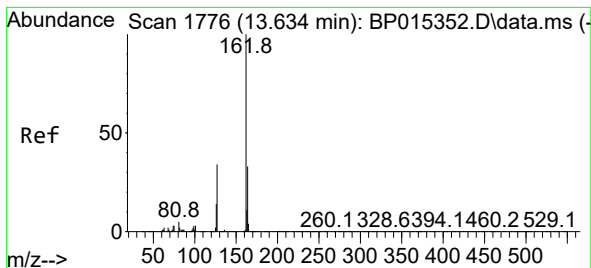
Ion Ratio Lower Upper

154 100

153 40.4 32.7 49.1

76 13.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 38.412 ng/ul

RT: 13.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

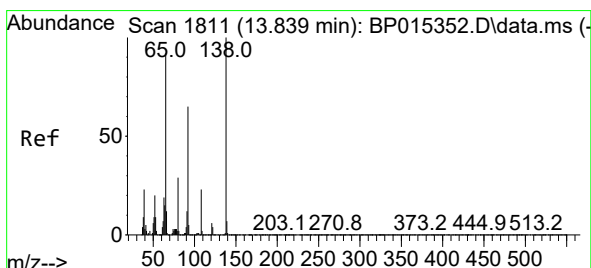
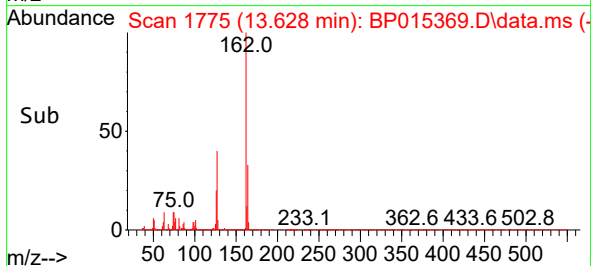
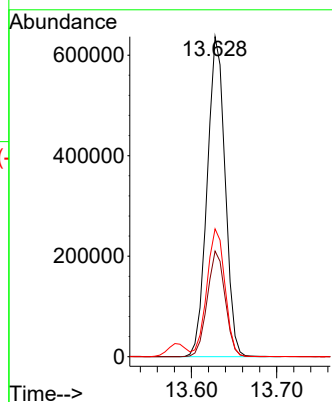
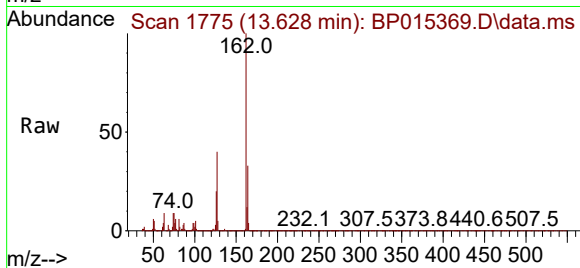
Tgt Ion:162 Resp: 931041

Ion Ratio Lower Upper

162 100

164 33.0 25.9 38.9

127 40.0 30.8 46.2



#45

2-Nitroaniline

Concen: 46.675 ng/ul

RT: 13.834 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

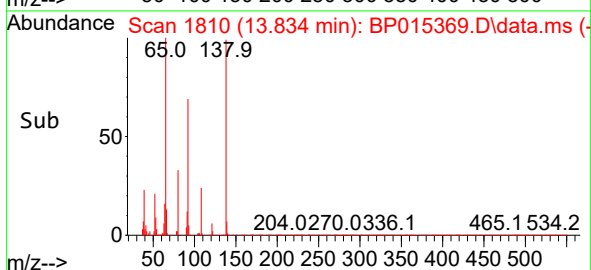
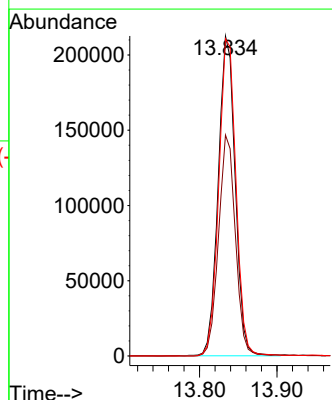
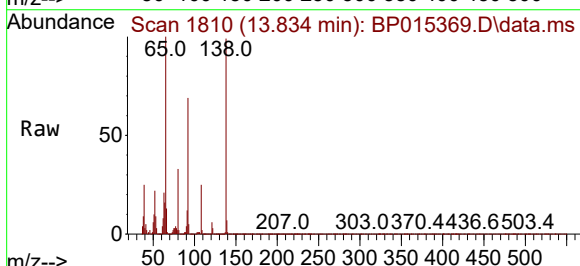
Tgt Ion: 65 Resp: 323692

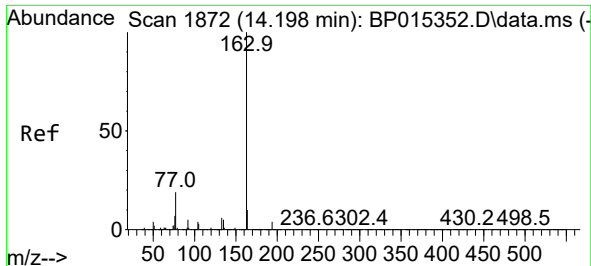
Ion Ratio Lower Upper

65 100

92 69.0 59.8 89.8

138 99.2 92.3 138.5

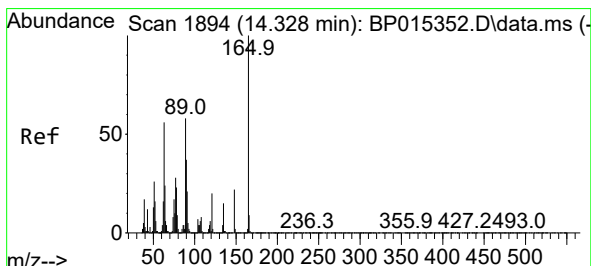
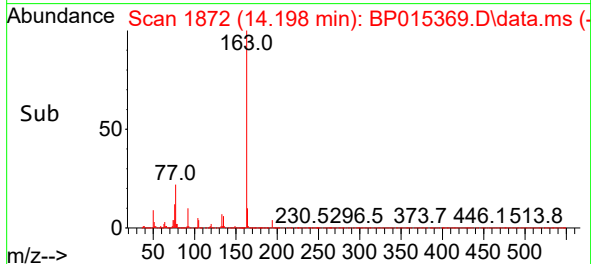
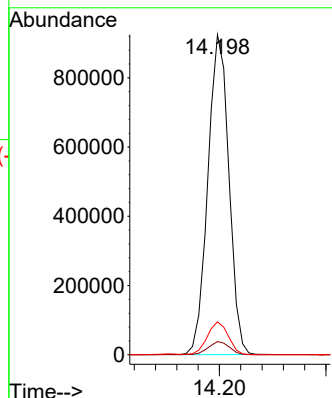
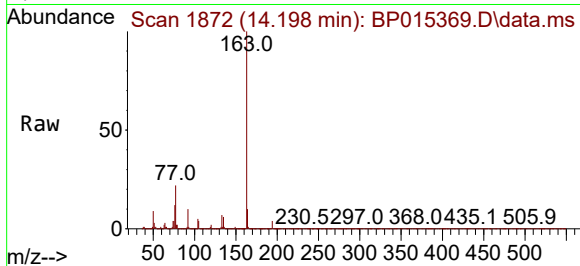




#47
Dimethylphthalate
Concen: 40.198 ng/ul
RT: 14.198 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

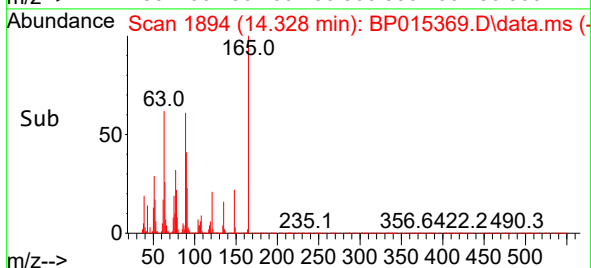
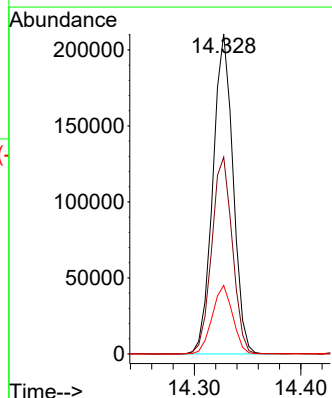
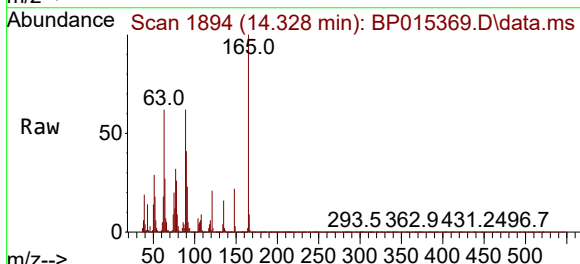
Instrument :
BNA_P
ClientSampleId :
SLCS064

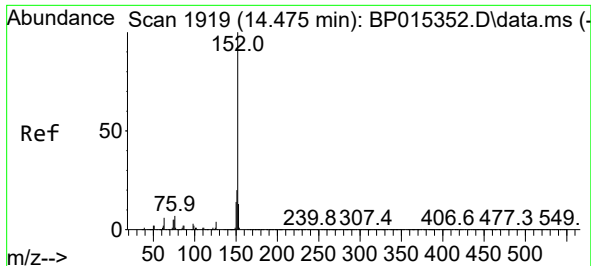
Tgt Ion:163 Resp: 1265467
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 44.478 ng/ul
RT: 14.328 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:165 Resp: 277401
Ion Ratio Lower Upper
165 100
89 61.5 48.0 72.0
121 21.4 17.5 26.3

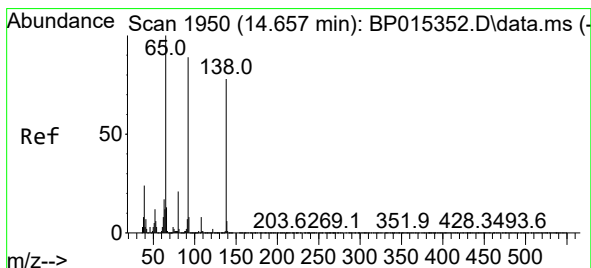
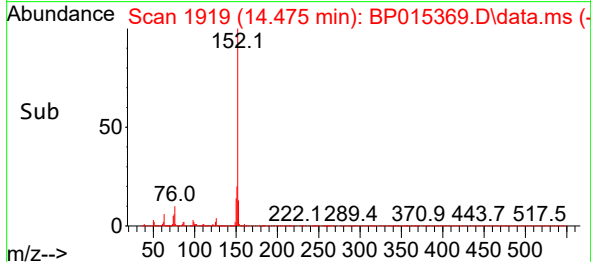
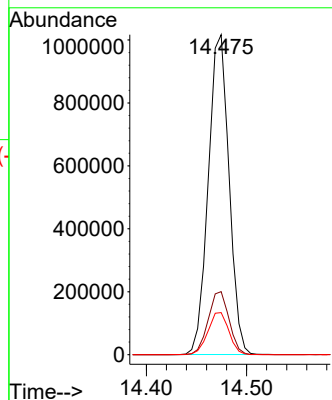
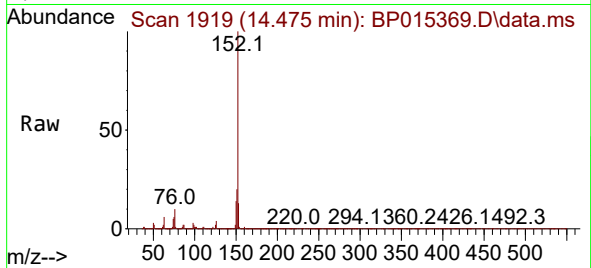




#50
Acenaphthylene
Concen: 37.886 ng/ul
RT: 14.475 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

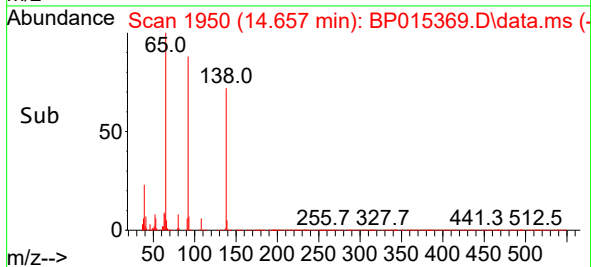
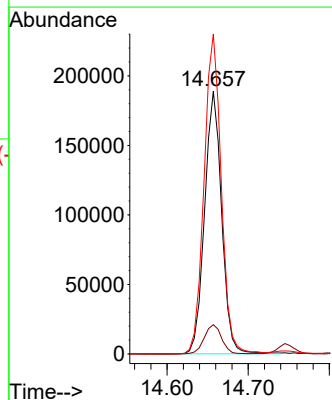
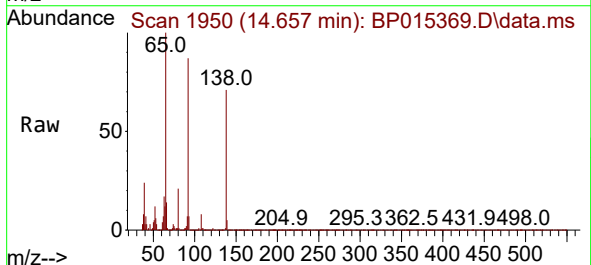
Instrument :
BNA_P
ClientSampleId :
SLCS064

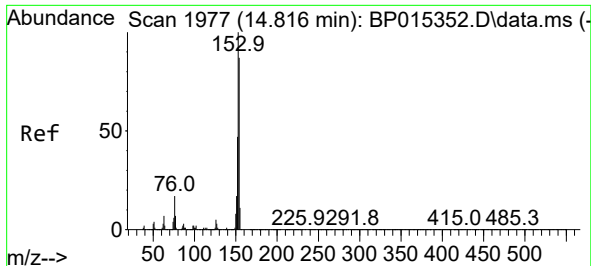
Tgt Ion:152 Resp: 1461436
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 49.045 ng/ul
RT: 14.657 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:138 Resp: 275435
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 121.8 93.4 140.0

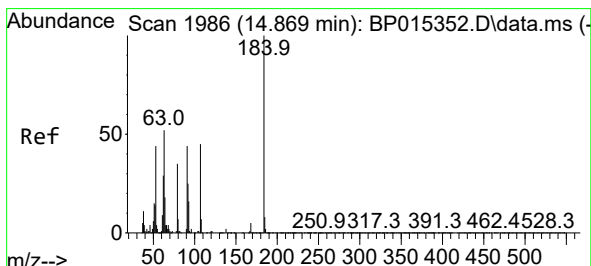
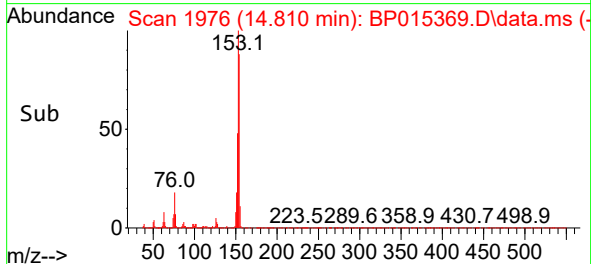
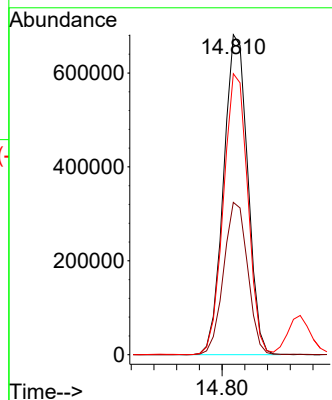
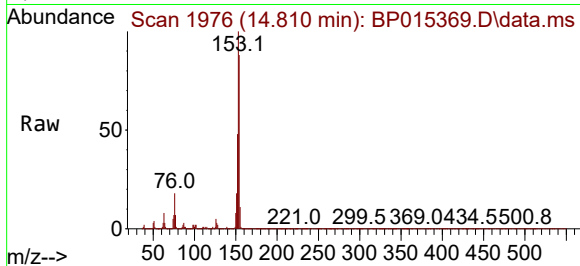




#52
Acenaphthene
Concen: 38.208 ng/ul
RT: 14.810 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

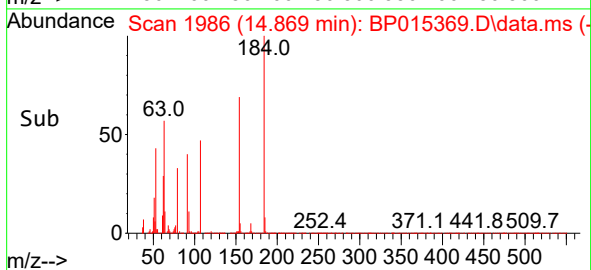
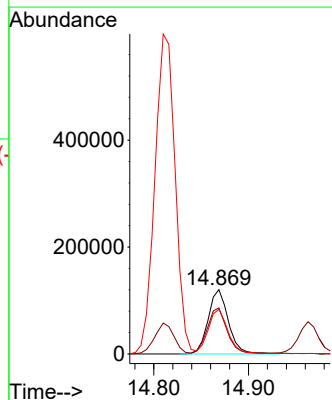
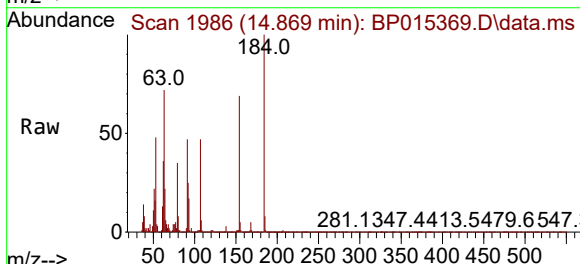
Instrument :
BNA_P
ClientSampleId :
SLCS064

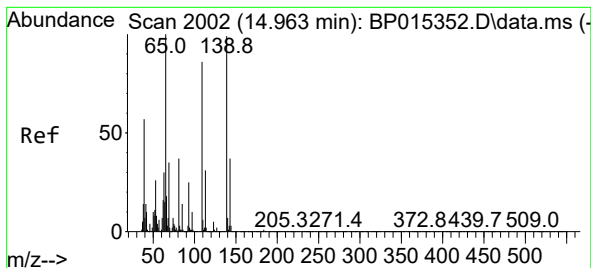
Tgt Ion:153 Resp: 1006625
Ion Ratio Lower Upper
153 100
152 47.6 38.0 57.0
154 87.8 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 43.026 ng/ul
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:184 Resp: 178171
Ion Ratio Lower Upper
184 100
63 71.6 49.7 74.5
154 69.4 47.5 71.3

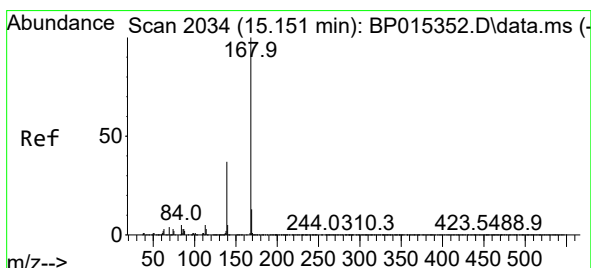
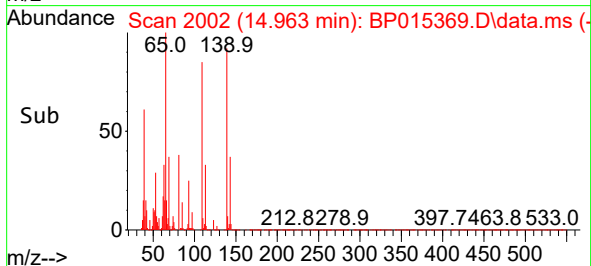
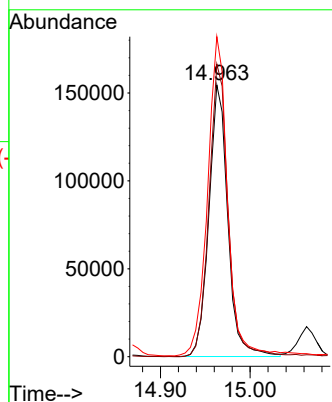
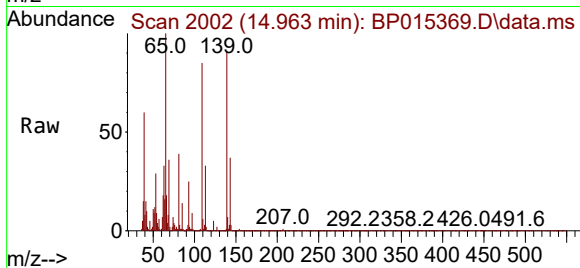




#55
4-Nitrophenol
Concen: 52.523 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

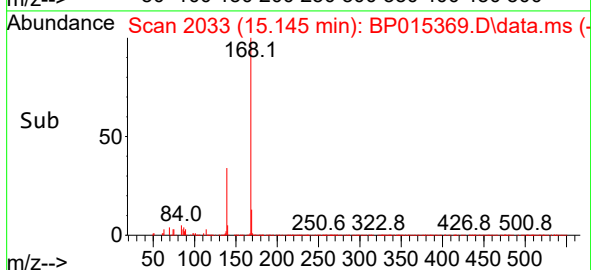
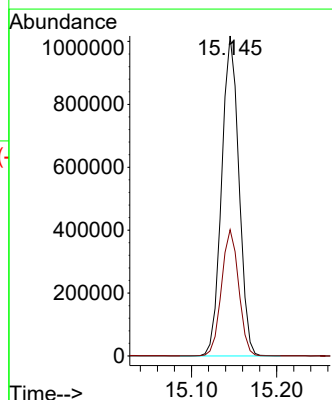
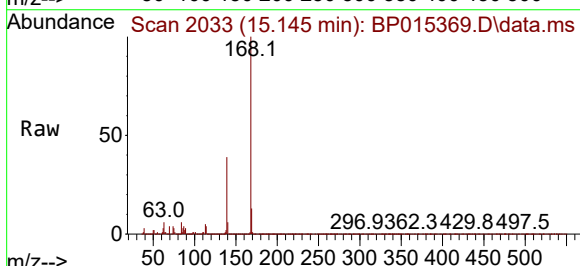
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BNA_P
ClientSampleId :
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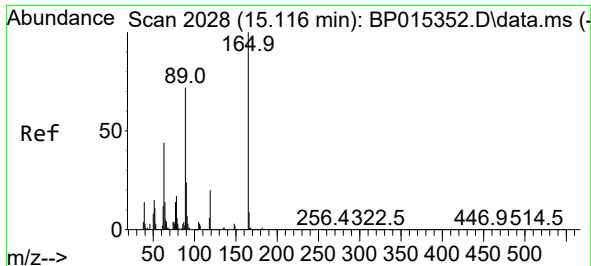
Tgt Ion:109 Resp: 226748
Ion Ratio Lower Upper
109 100
139 107.7 115.3 172.9#
65 117.8 107.9 161.9



#56
Dibenzofuran
Concen: 39.151 ng/ul
RT: 15.145 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:168 Resp: 1434682
Ion Ratio Lower Upper
168 100
139 39.4 29.4 44.0

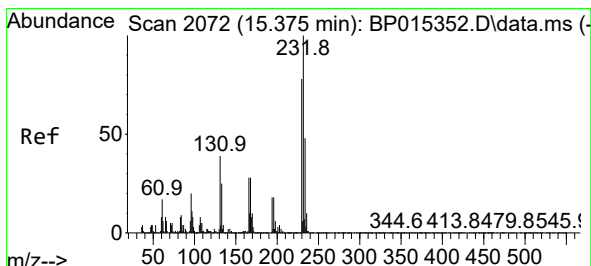
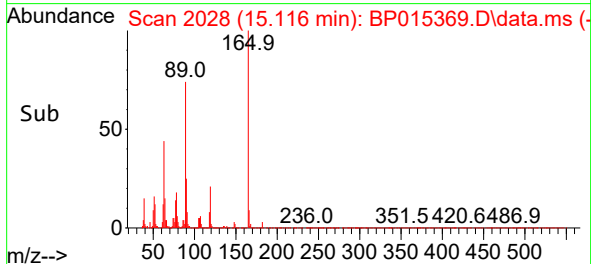
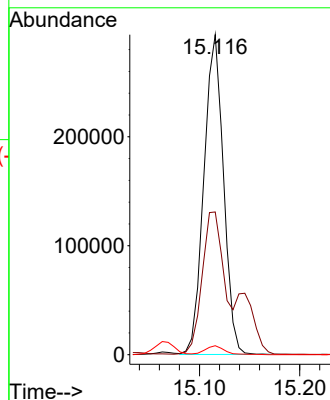
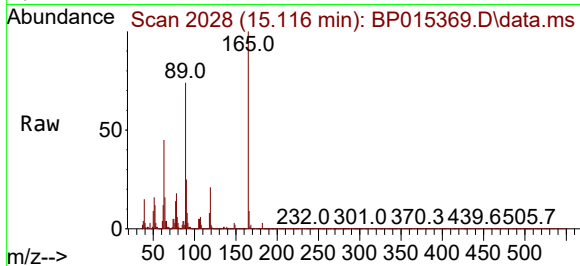




#57
2,4-Dinitrotoluene
Concen: 44.295 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

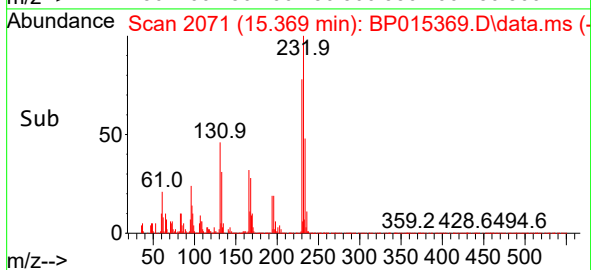
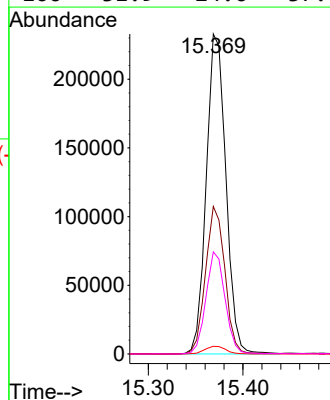
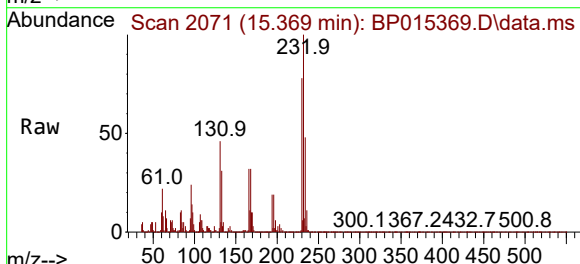
Instrument :
BNA_P
ClientSampleId :
SLCS064

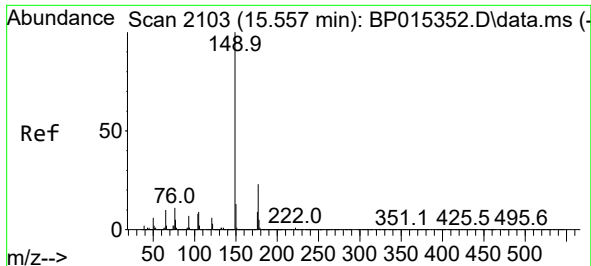
Tgt Ion:165 Resp: 399749
Ion Ratio Lower Upper
165 100
63 44.6 33.1 49.7
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.493 ng/ul
RT: 15.369 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:232 Resp: 336226
Ion Ratio Lower Upper
232 100
131 46.1 36.8 55.2
130 2.4 1.9 2.9
166 31.9 24.6 37.0

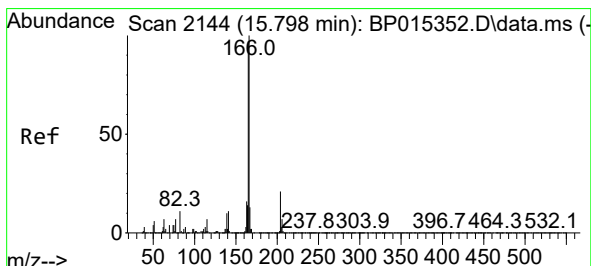
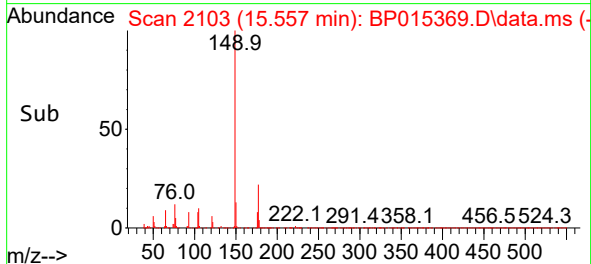
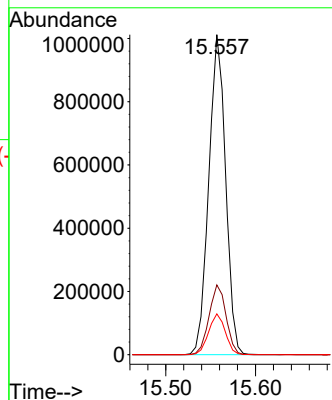
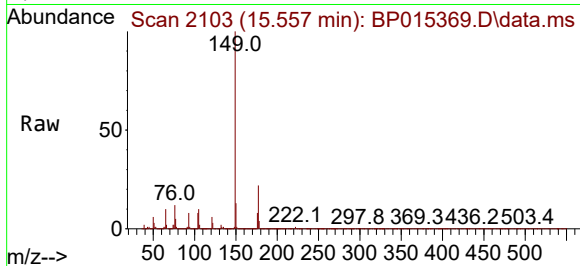




#59
Diethylphthalate
Concen: 41.943 ng/ul
RT: 15.557 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

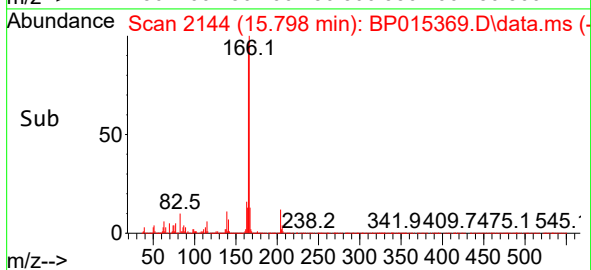
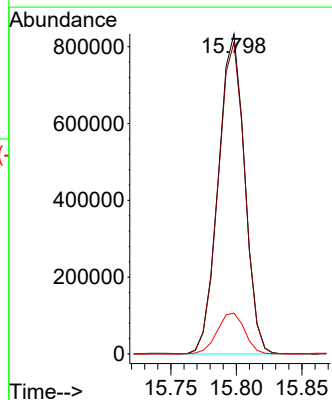
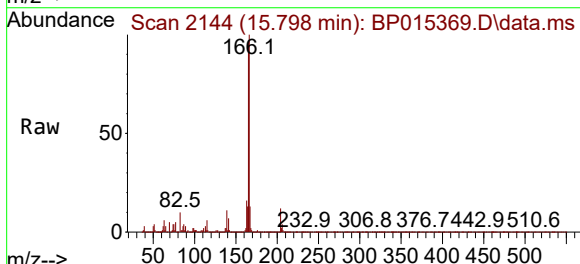
Instrument :
BNA_P
ClientSampleId :
SLCS064

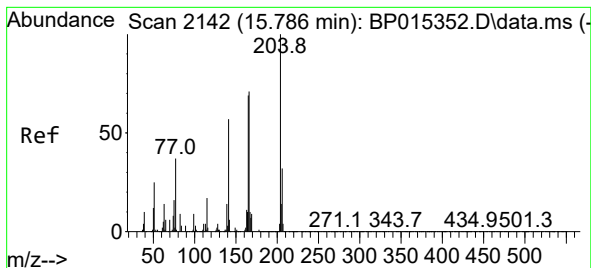
Tgt Ion:149 Resp: 1316916
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.7 9.8 14.8



#61
Fluorene
Concen: 39.464 ng/ul
RT: 15.798 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:166 Resp: 1162172
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.6
167 12.8 10.6 15.8

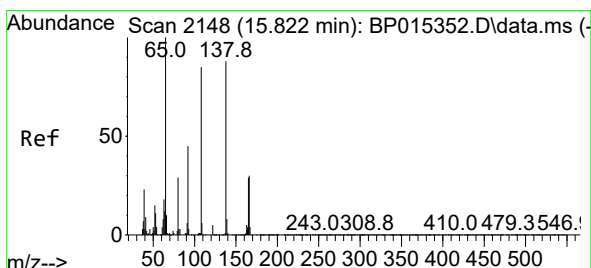
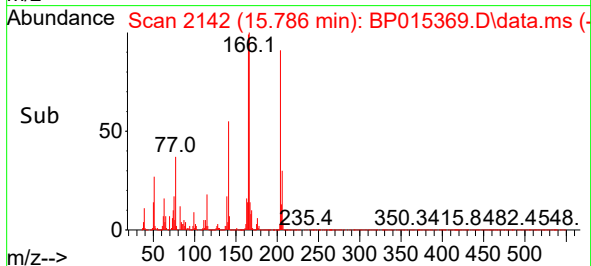
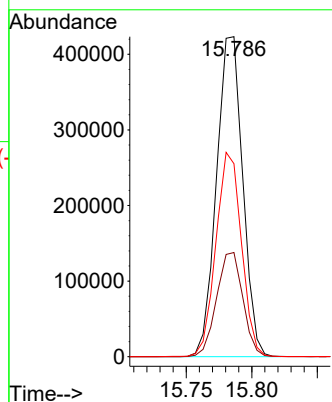
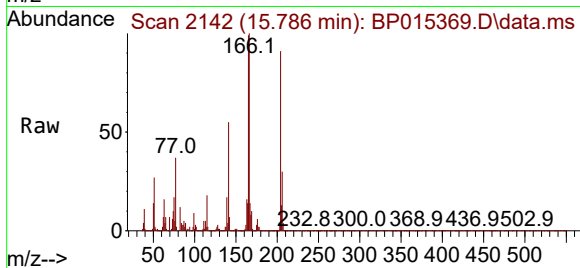




#62
4-Chlorophenyl-phenylether
Concen: 40.898 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

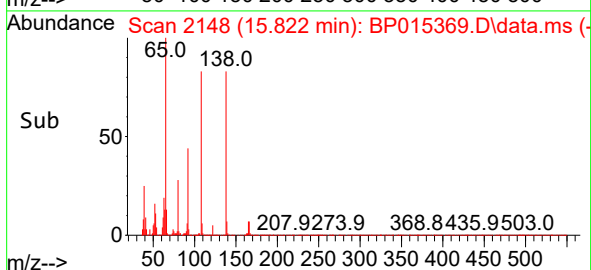
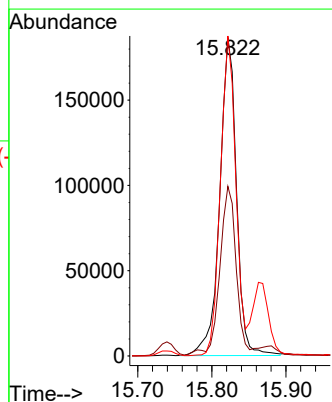
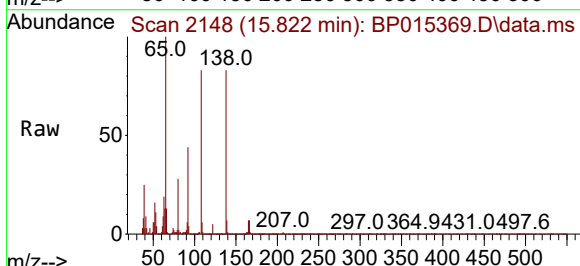
Instrument :
BNA_P
ClientSampleId :
SLCS064

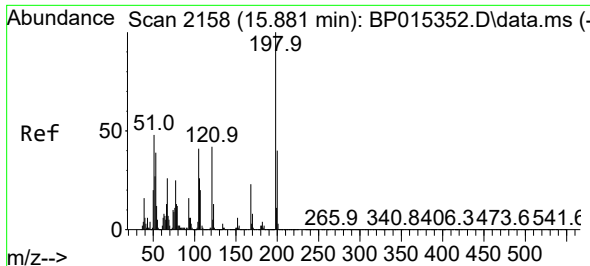
Tgt Ion:204 Resp: 588483
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 60.3 44.5 66.7



#63
4-Nitroaniline
Concen: 60.562 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:138 Resp: 293707
Ion Ratio Lower Upper
138 100
92 53.3 41.2 61.8
108 100.5 60.1 90.1#

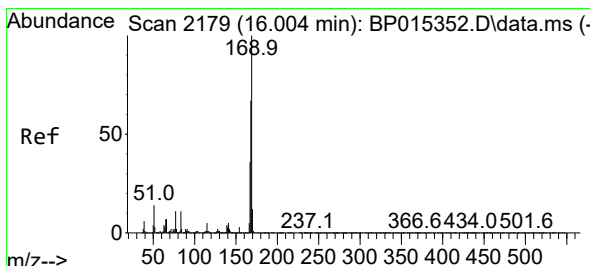
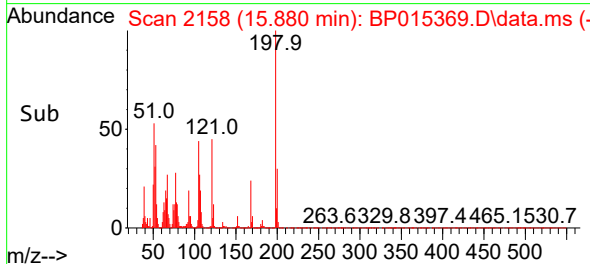
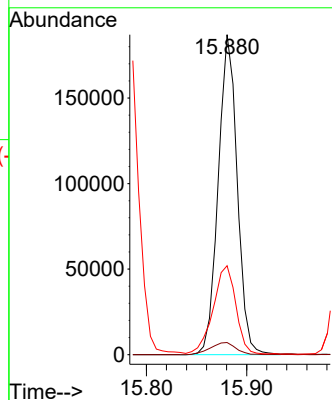
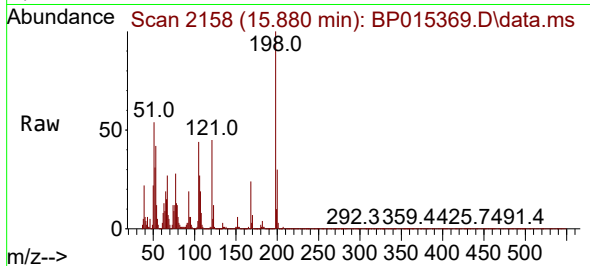




#66
4,6-Dinitro-2-methylphenol
Concen: 41.214 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

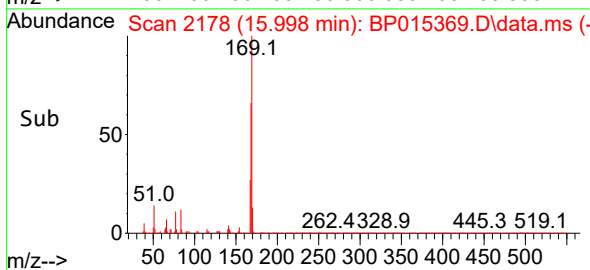
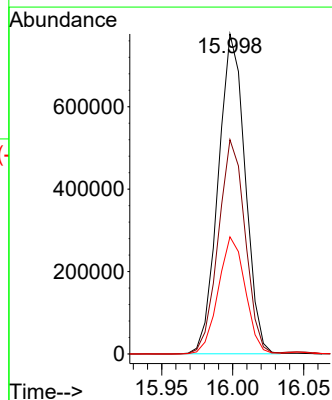
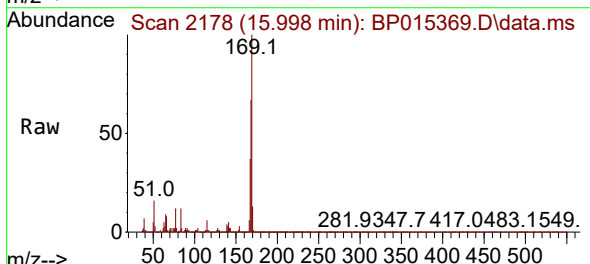
Instrument :
BNA_P
ClientSampleId :
SLCS064

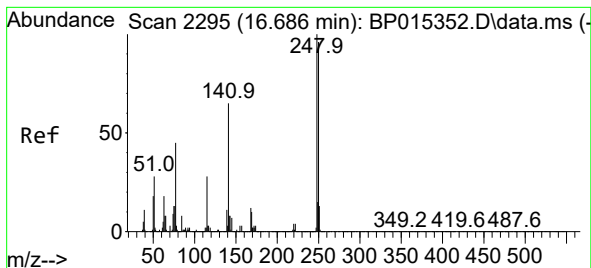
Tgt Ion:198 Resp: 245643
Ion Ratio Lower Upper
198 100
182 3.8 3.7 5.5
77 27.8 21.2 31.8



#67
N-Nitrosodiphenylamine
Concen: 37.953 ng/ul
RT: 15.998 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:169 Resp: 1022634
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.6 28.9 43.3

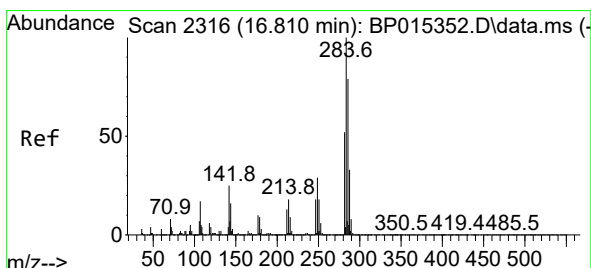
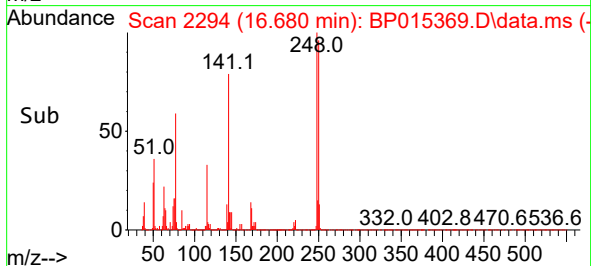
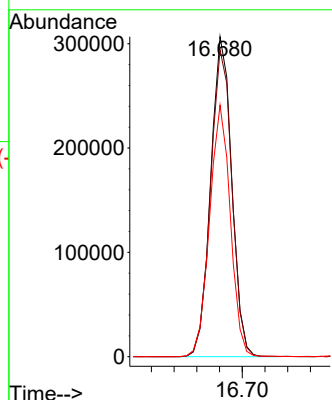
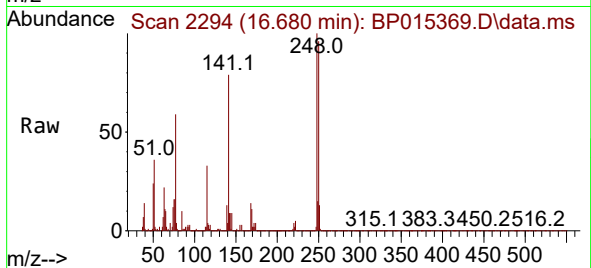




#68
4-Bromophenyl-phenylether
Concen: 41.843 ng/ul
RT: 16.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

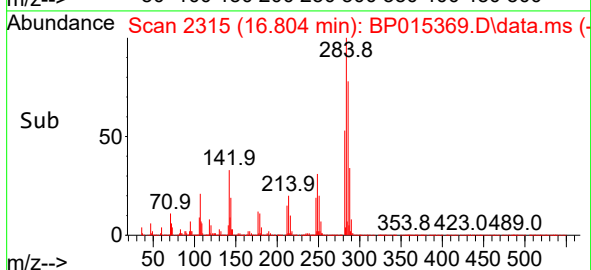
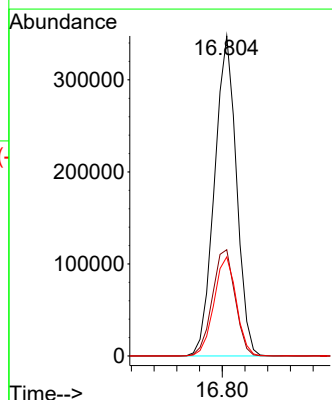
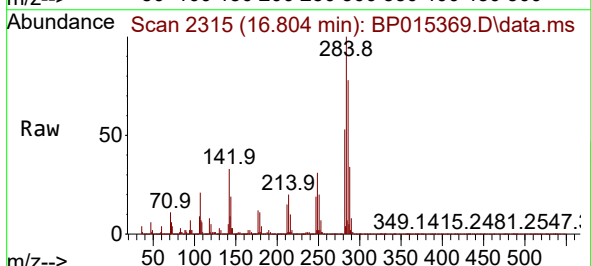
Instrument :
BNA_P
ClientSampleId :
SLCS064

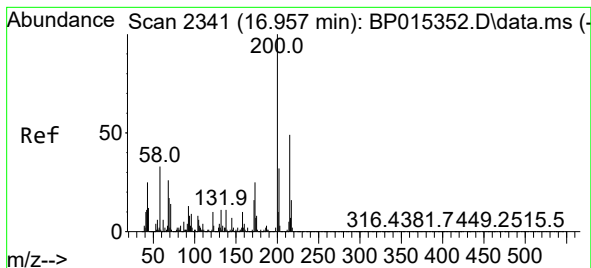
Tgt Ion:248 Resp: 394939
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.4
141 78.6 58.6 87.8



#69
Hexachlorobenzene
Concen: 41.864 ng/ul
RT: 16.804 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:284 Resp: 466957
Ion Ratio Lower Upper
284 100
142 33.2 27.3 40.9
249 31.0 24.6 36.8





#70

Atrazine

Concen: 38.306 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

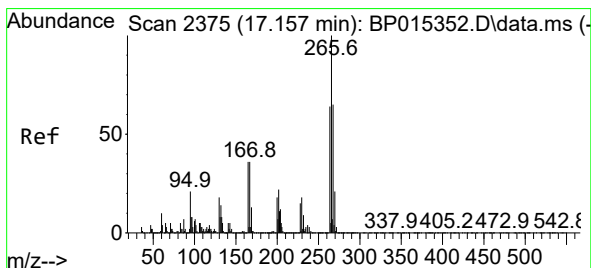
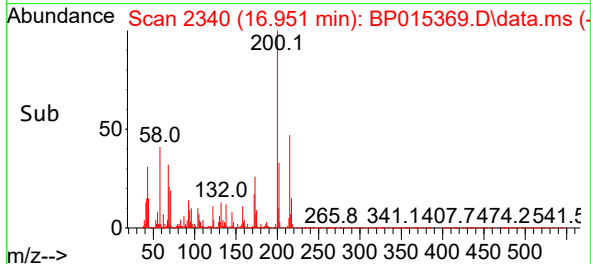
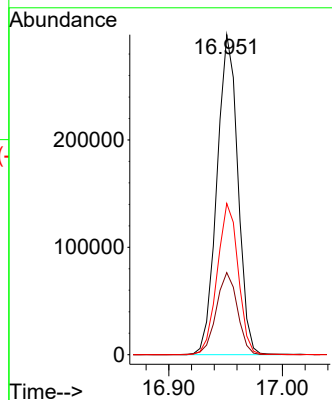
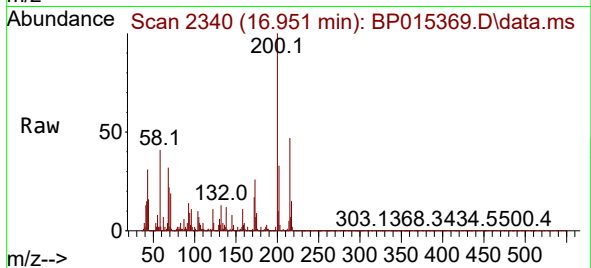
Tgt Ion:200 Resp: 381499

Ion Ratio Lower Upper

200 100

173 25.6 21.4 32.2

215 47.2 38.1 57.1



#71

Pentachlorophenol

Concen: 41.559 ng/ul

RT: 17.151 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

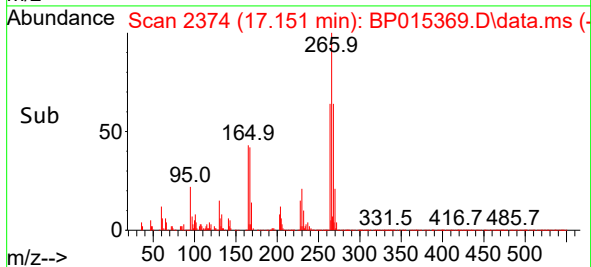
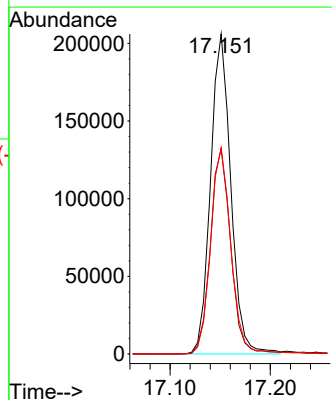
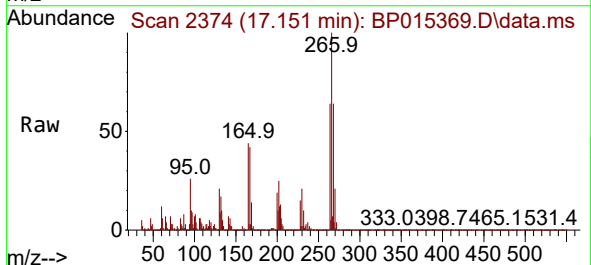
Tgt Ion:266 Resp: 289962

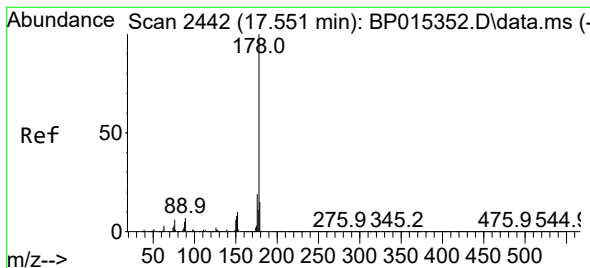
Ion Ratio Lower Upper

266 100

264 64.1 51.0 76.4

268 64.4 51.8 77.6





#72

Phenanthrene

Concen: 38.629 ng/ul

RT: 17.545 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

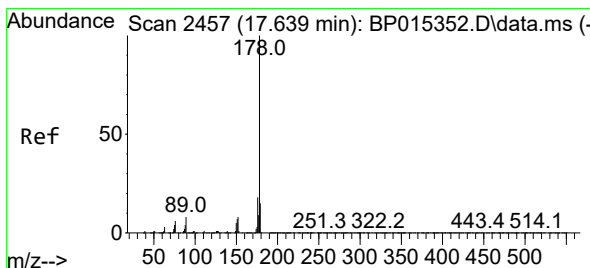
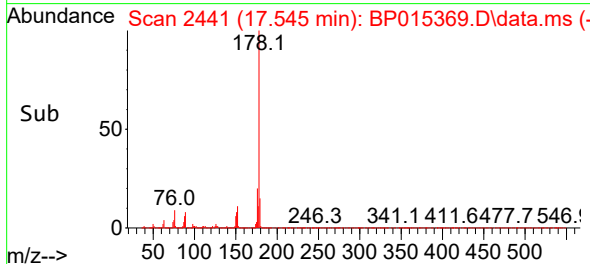
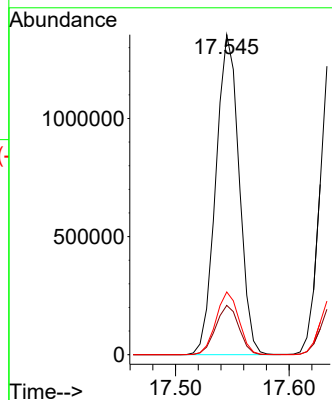
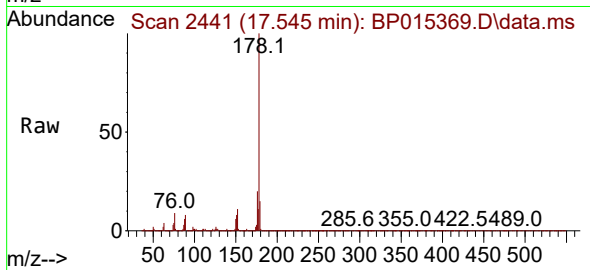
Tgt Ion:178 Resp: 1927589

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.6 15.6 23.4



#74

Anthracene

Concen: 38.563 ng/ul

RT: 17.639 min Scan# 2457

Delta R.T. -0.000 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

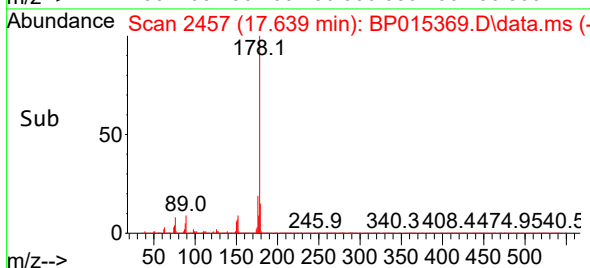
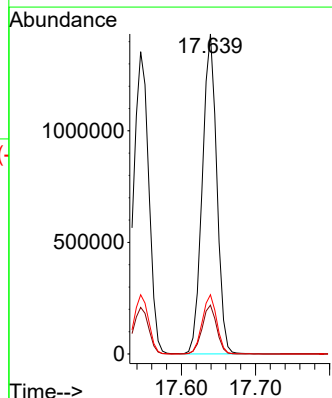
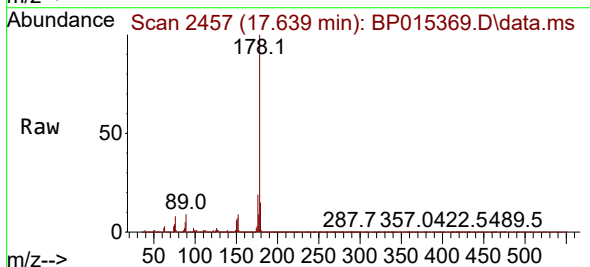
Tgt Ion:178 Resp: 1945850

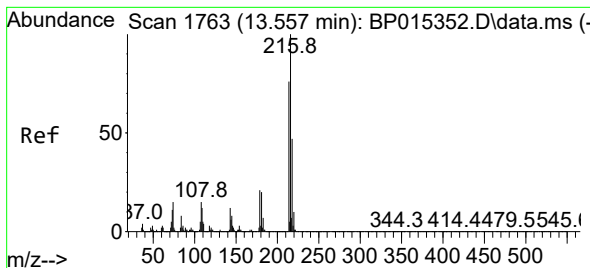
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 18.5 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 38.817 ng/uL

RT: 13.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

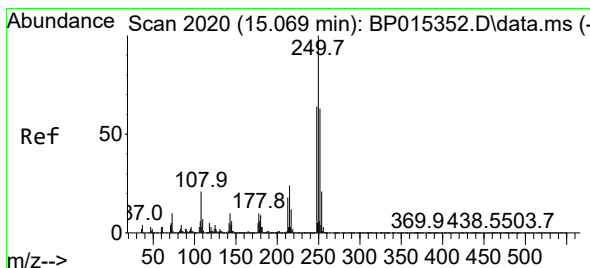
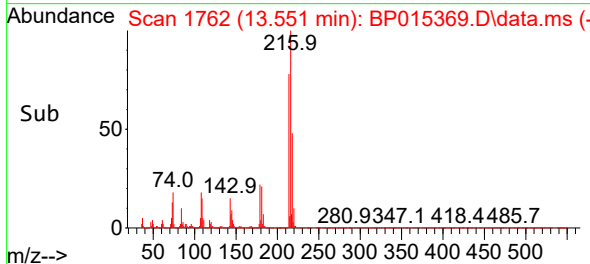
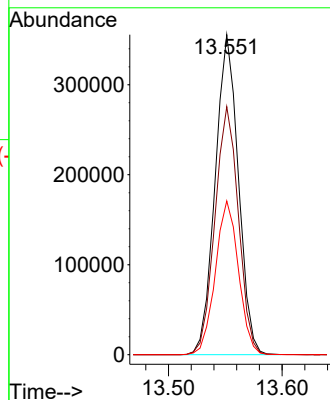
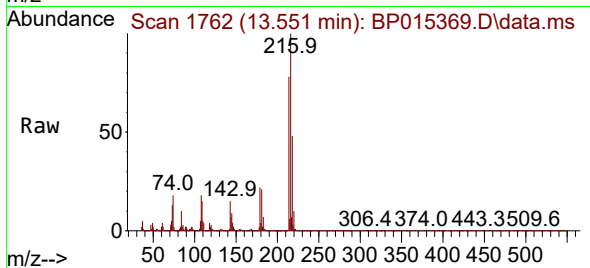
Tgt Ion:216 Resp: 504340

Ion Ratio Lower Upper

216 100

214 77.5 62.2 93.4

218 48.0 38.2 57.2



#76

Pentachlorobenzene

Concen: 38.437 ng/uL

RT: 15.063 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

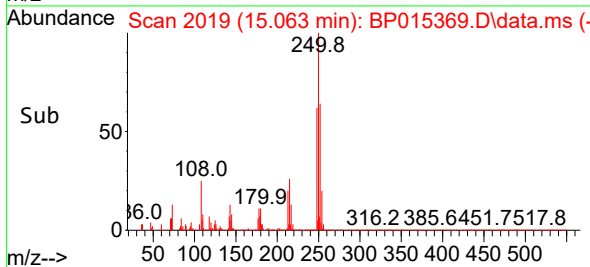
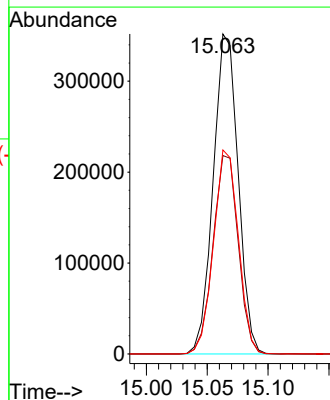
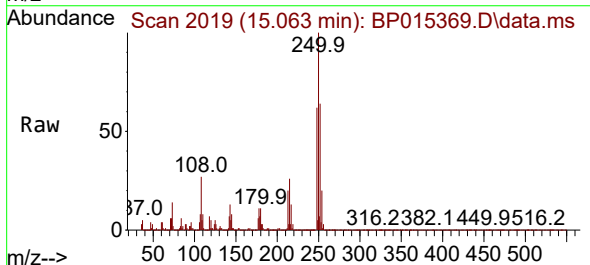
Tgt Ion:250 Resp: 501442

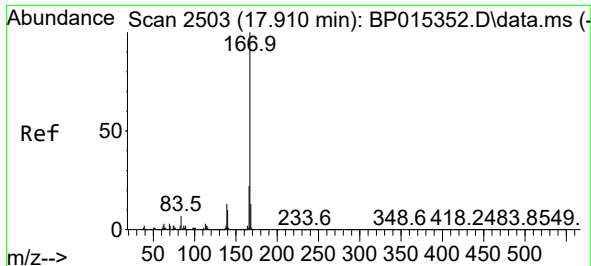
Ion Ratio Lower Upper

250 100

248 62.0 49.8 74.6

252 63.7 51.6 77.4

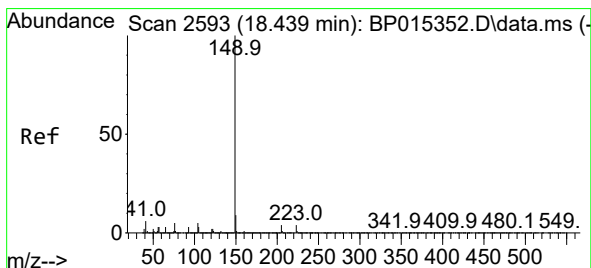
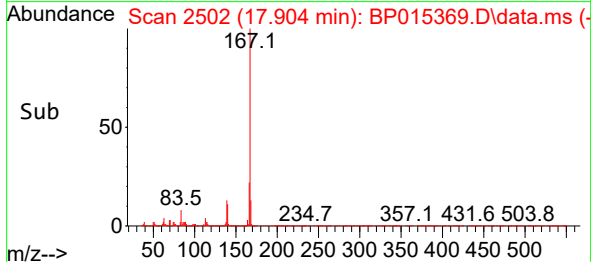
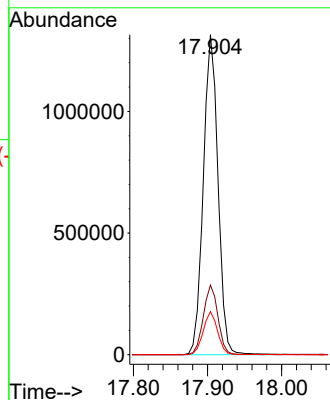
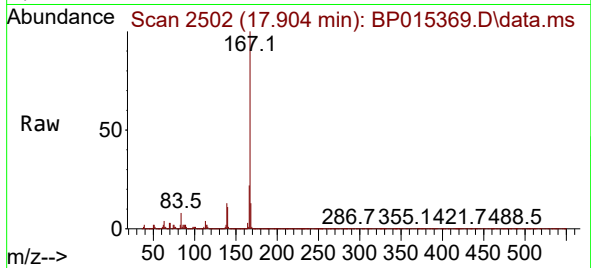




#77
 Carbazole
 Concen: 40.892 ng/ul
 RT: 17.904 min Scan# 2503
 Delta R.T. -0.006 min
 Lab File: BP015369.D
 Acq: 31 May 2023 20:30

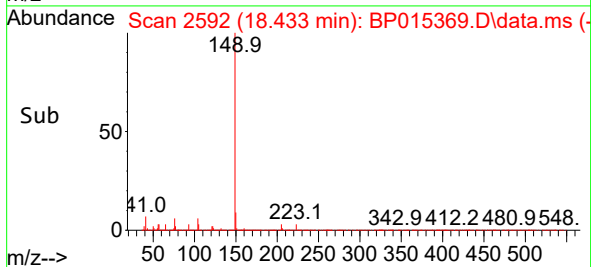
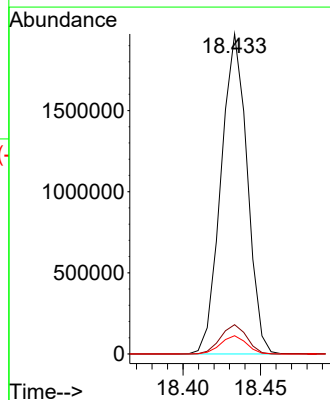
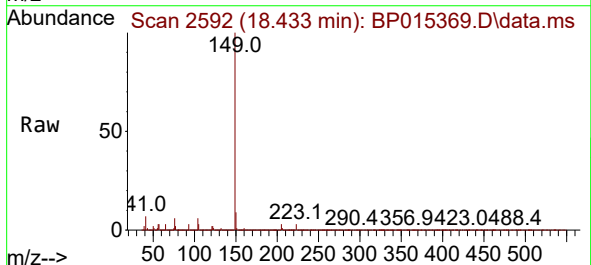
Instrument :
 BNA_P
 ClientSampleId :
 SLCS064

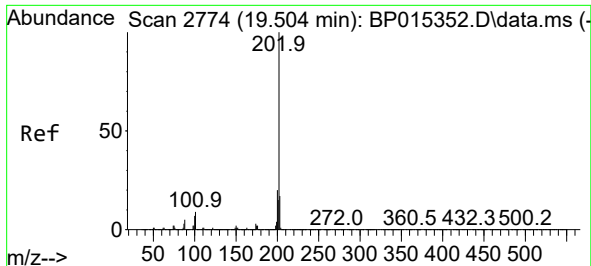
Tgt Ion:167 Resp: 1809322
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.4 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 40.639 ng/ul
 RT: 18.433 min Scan# 2592
 Delta R.T. -0.006 min
 Lab File: BP015369.D
 Acq: 31 May 2023 20:30

Tgt Ion:149 Resp: 2315619
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.7 3.9 5.9

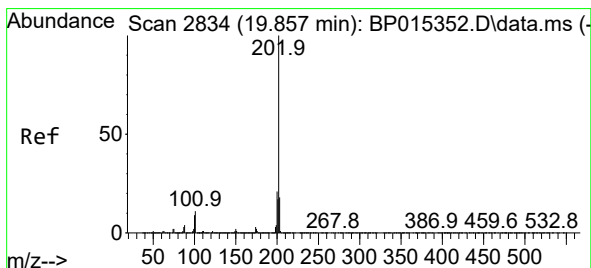
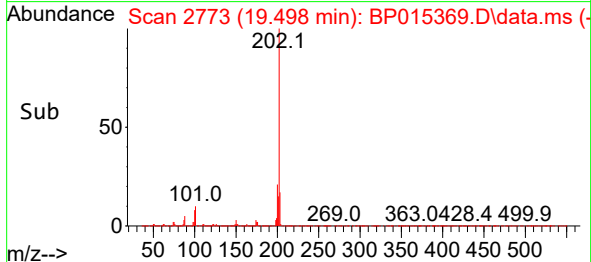
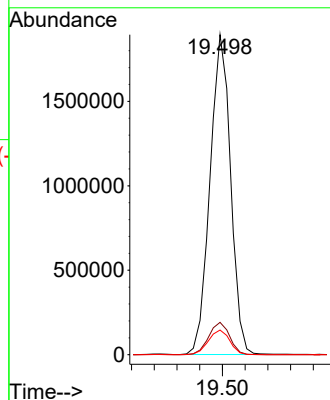
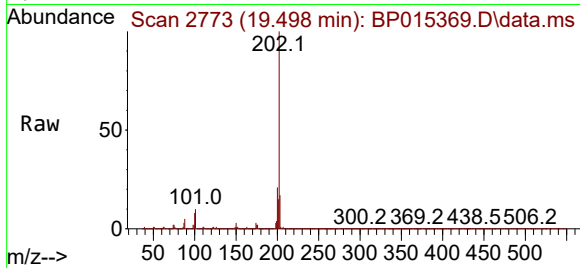




#80
Fluoranthene
Concen: 39.833 ng/ul
RT: 19.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

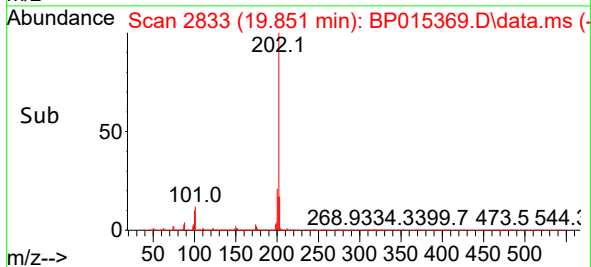
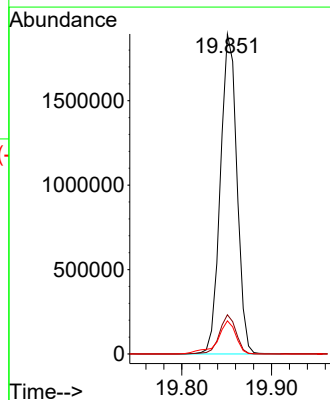
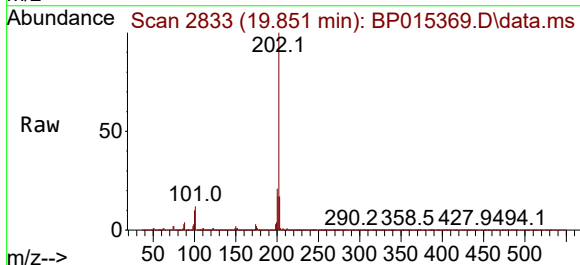
Instrument :
BNA_P
ClientSampleId :
SLCS064

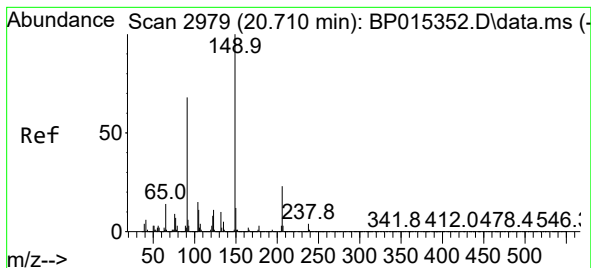
Tgt Ion:202 Resp: 2389035
Ion Ratio Lower Upper
202 100
101 10.1 9.5 14.3
100 7.7 7.3 10.9



#82
Pyrene
Concen: 39.219 ng/ul
RT: 19.851 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:202 Resp: 2429078
Ion Ratio Lower Upper
202 100
101 12.3 11.2 16.8
100 10.4 9.0 13.6





#83

Butylbenzylphthalate

Concen: 40.578 ng/ul

RT: 20.704 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

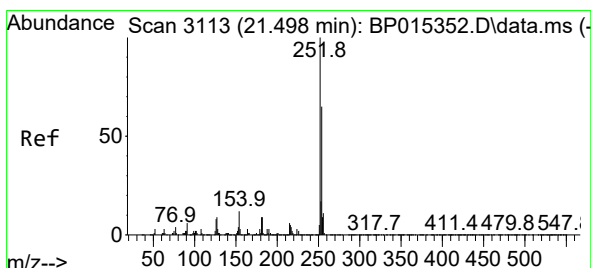
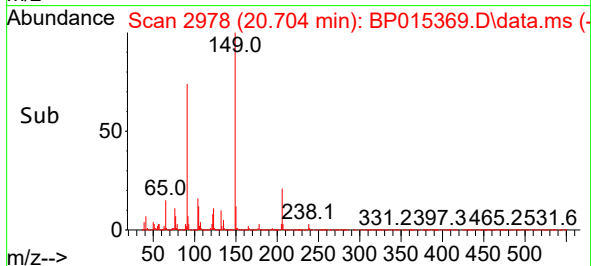
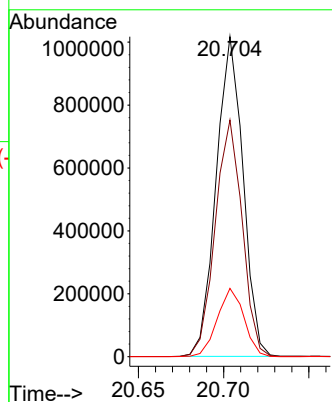
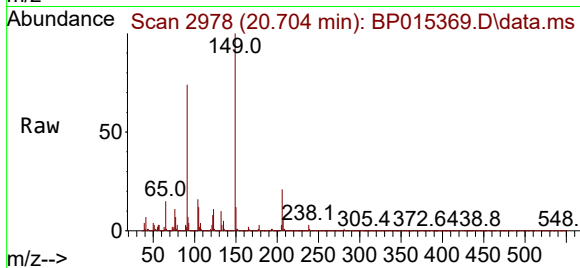
Tgt Ion:149 Resp: 1114189

Ion Ratio Lower Upper

149 100

91 73.9 57.4 86.2

206 21.4 16.6 25.0



#84

3,3'-Dichlorobenzidine

Concen: 48.901 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

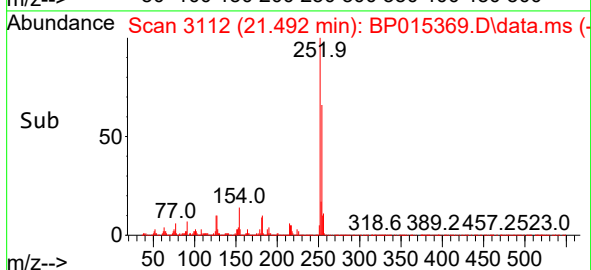
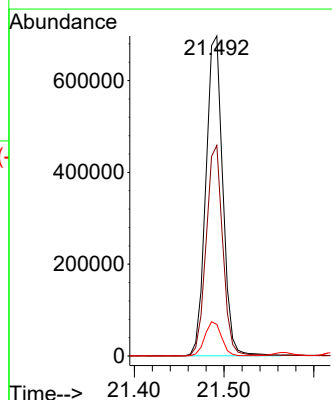
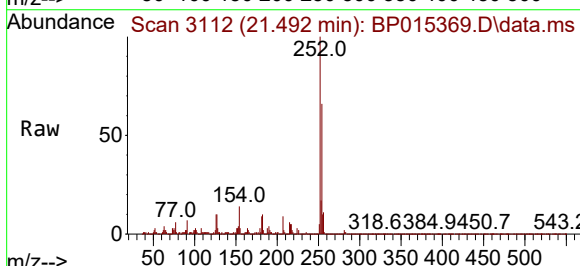
Tgt Ion:252 Resp: 911202

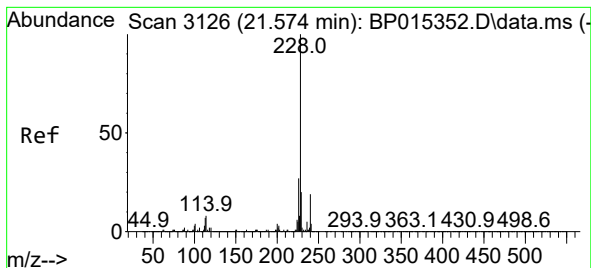
Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

126 9.8 9.8 14.8#





#85

Benzo(a)anthracene

Concen: 41.354 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

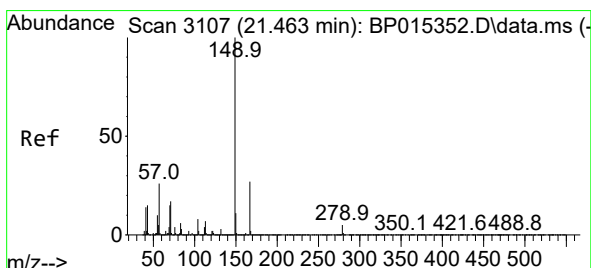
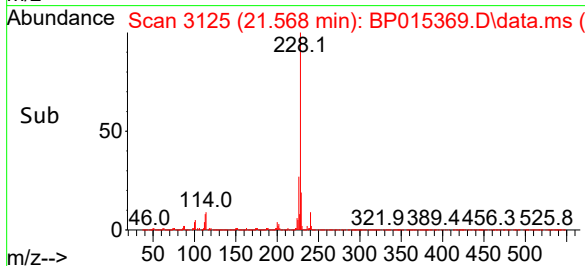
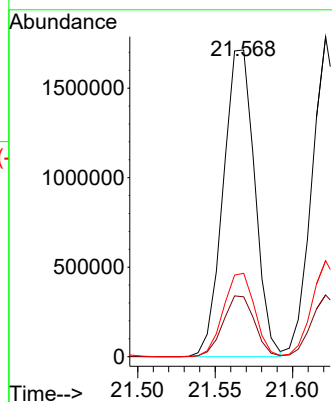
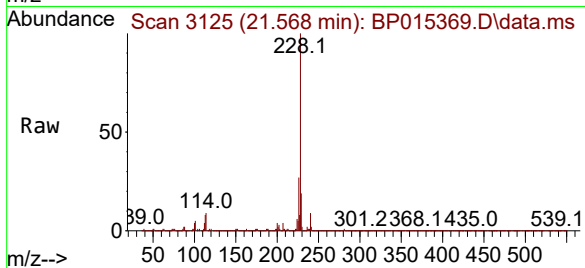
Tgt Ion:228 Resp: 2426023

Ion Ratio Lower Upper

228 100

229 19.5 16.1 24.1

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 41.028 ng/ul

RT: 21.457 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

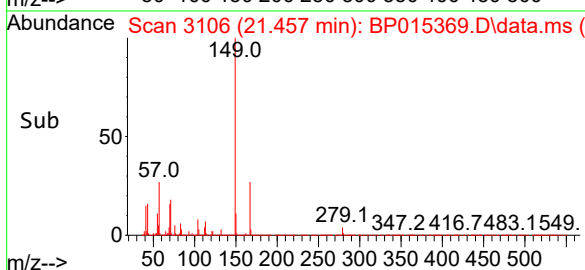
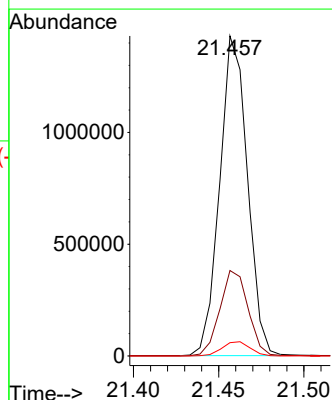
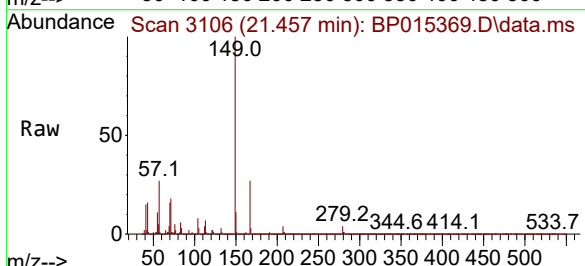
Tgt Ion:149 Resp: 1621861

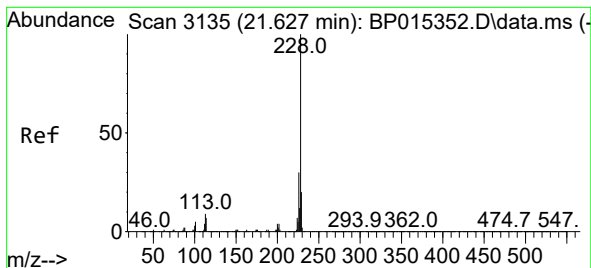
Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.6

279 4.2 3.2 4.8





#87

Chrysene

Concen: 40.518 ng/ul

RT: 21.621 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

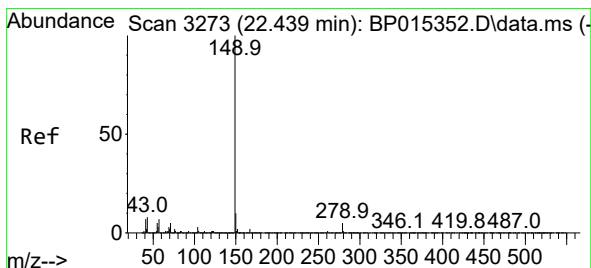
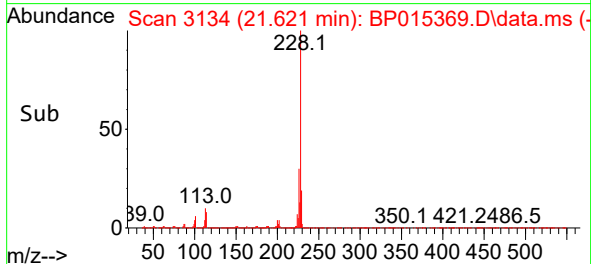
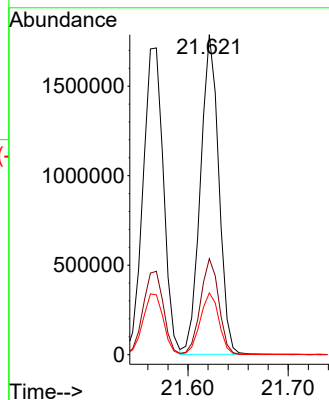
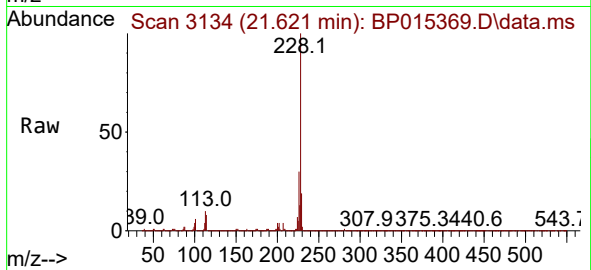
Tgt Ion:228 Resp: 2272218

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 19.3 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 44.468 ng/ul

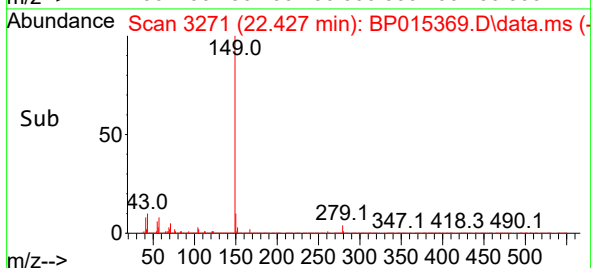
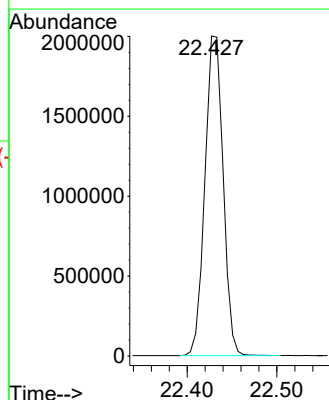
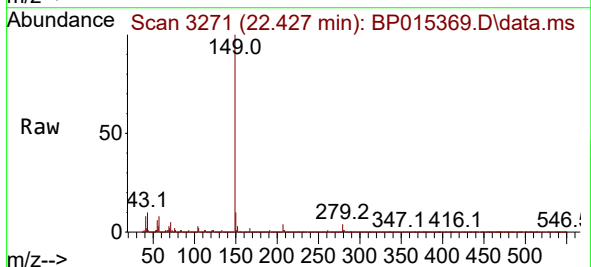
RT: 22.427 min Scan# 3271

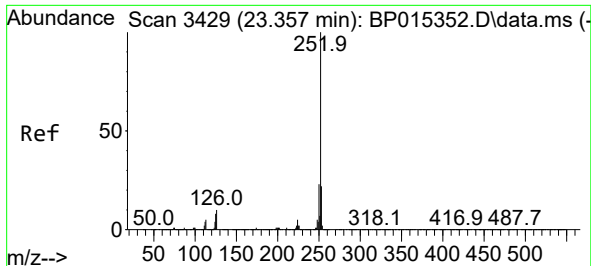
Delta R.T. -0.012 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Tgt Ion:149 Resp: 2824019

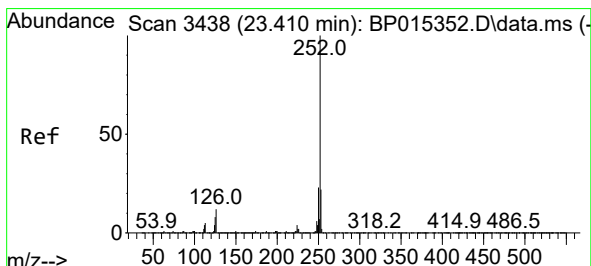
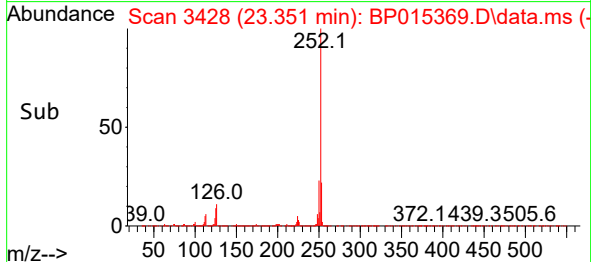
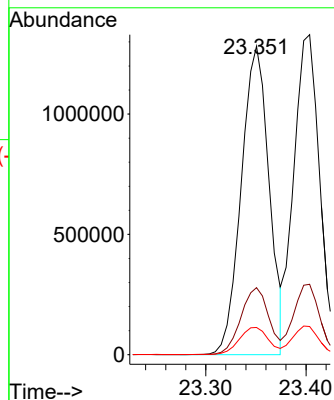
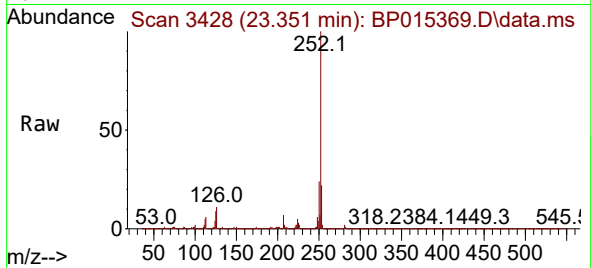




#90
Benzo(b)fluoranthene
Concen: 42.155 ng/ul
RT: 23.351 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

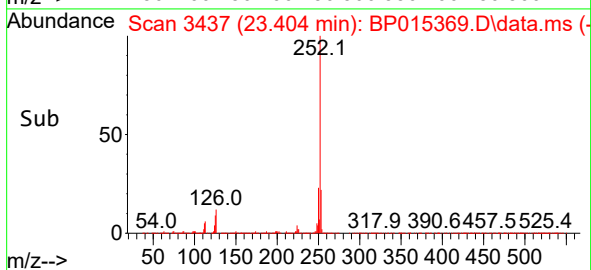
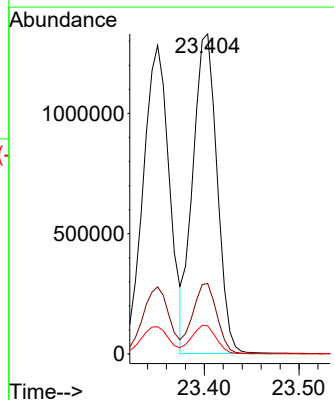
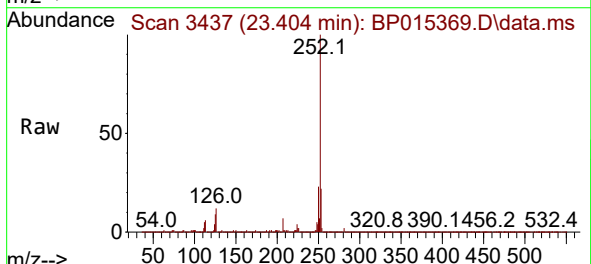
Instrument :
BNA_P
ClientSampleId :
SLCS064

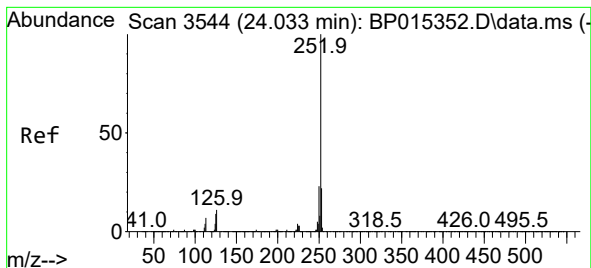
Tgt Ion:252 Resp: 2478056
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.8 8.3 12.5



#91
Benzo(k)fluoranthene
Concen: 41.873 ng/ul
RT: 23.404 min Scan# 3437
Delta R.T. -0.006 min
Lab File: BP015369.D
Acq: 31 May 2023 20:30

Tgt Ion:252 Resp: 2363545
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.8 8.5 12.7





#93

Benzo(a)pyrene

Concen: 40.483 ng/ul

RT: 24.027 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

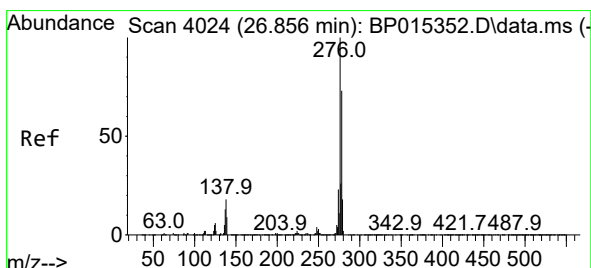
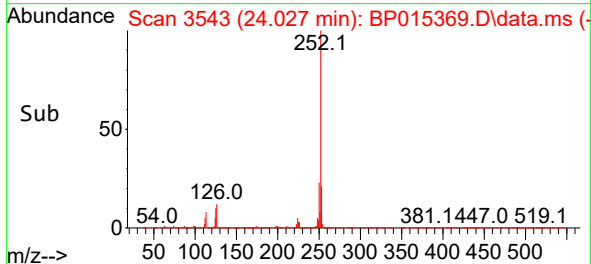
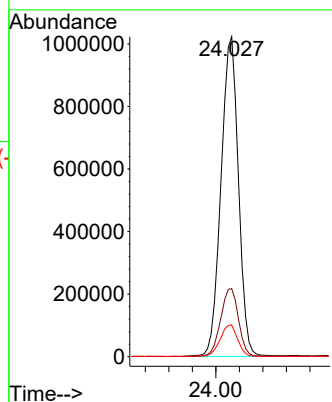
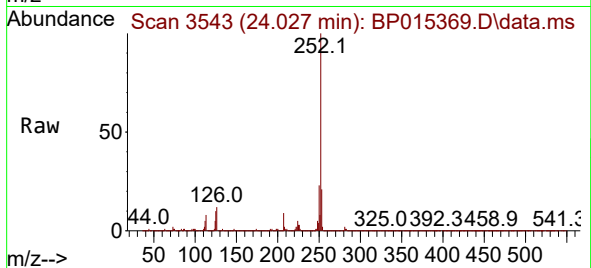
Tgt Ion:252 Resp: 2103467

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 10.0 9.1 13.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 37.159 ng/ul

RT: 26.845 min Scan# 4022

Delta R.T. -0.012 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

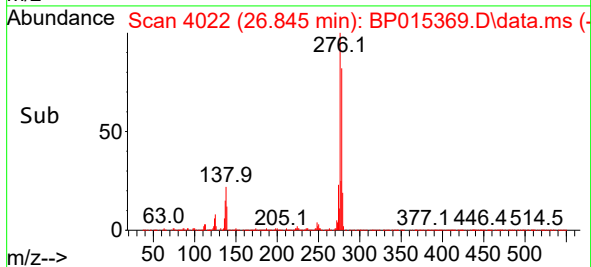
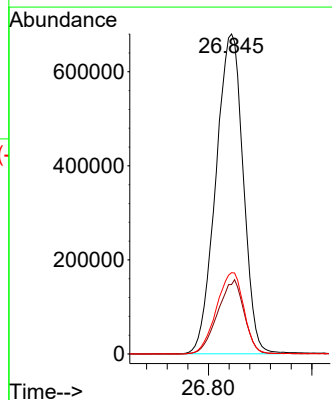
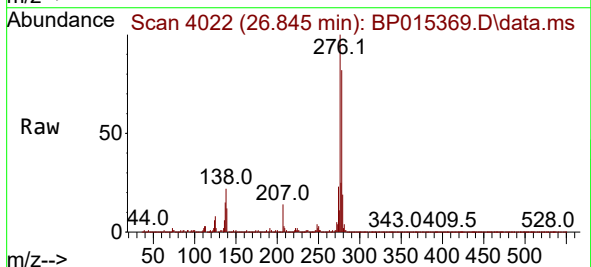
Tgt Ion:276 Resp: 2499954

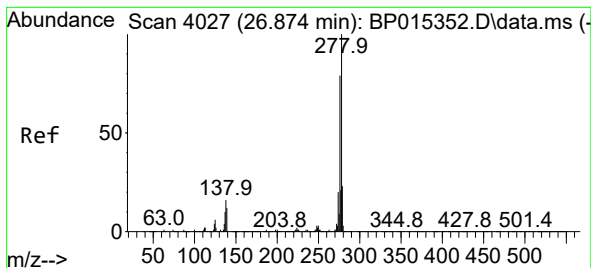
Ion Ratio Lower Upper

276 100

138 21.7 20.1 30.1

277 25.4 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 37.809 ng/ul

RT: 26.856 min Scan# 4027

Delta R.T. -0.018 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Instrument :

BNA_P

ClientSampleId :

SLCS064

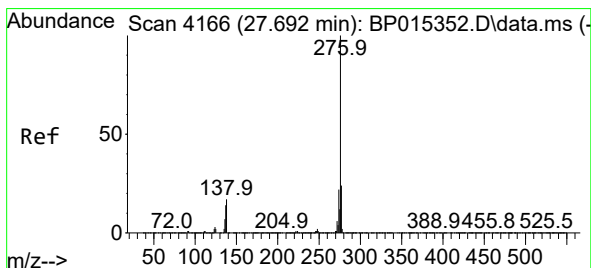
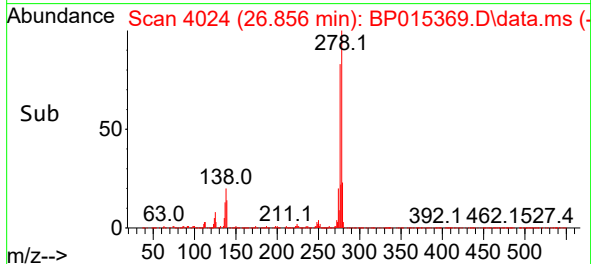
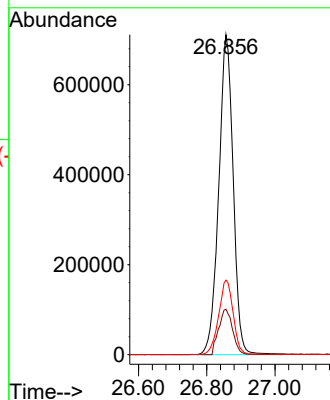
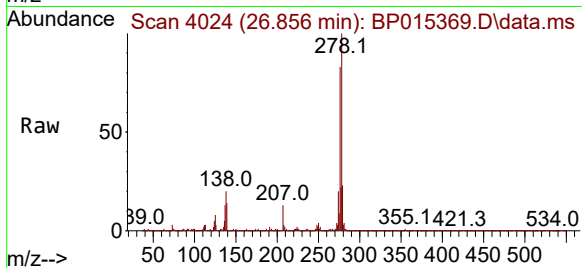
Tgt Ion:278 Resp: 2088052

Ion Ratio Lower Upper

278 100

139 14.2 13.3 19.9

279 23.3 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 36.762 ng/ul

RT: 27.680 min Scan# 4164

Delta R.T. -0.012 min

Lab File: BP015369.D

Acq: 31 May 2023 20:30

Tgt Ion:276 Resp: 2016799

Ion Ratio Lower Upper

276 100

138 19.1 17.7 26.5

277 23.6 18.8 28.2

