

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
 Data File : BP012368.D
 Acq On : 28 Oct 2022 09:32
 Operator : CG/JU
 Sample : PB148502BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 28 23:19:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 06:05:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	205356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	956281	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	645228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1471756	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1769700	20.000	ng/ul	0.00
88) Perylene-d12	23.710	264	1865470	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	30934	6.065	ng/uL	0.00
4) Pyridine-d5	3.675	84	92924	6.343	ng/ul	0.00
7) Phenol-d5	6.975	99	648273	35.196	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	362432	32.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	489617	36.401	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	518083	35.564	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	244956	39.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	272461	42.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	517449	37.096	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	84135	4.051	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	1579094	35.751	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1837957	36.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	349615	41.822	ng/ul	0.00
60) Fluorene-d10	15.457	176	1402891	37.097	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	285068	37.203	ng/ul	0.00
73) Anthracene-d10	17.316	188	2315708	36.517	ng/ul	0.00
81) Pyrene-d10	19.557	212	2954490	33.252	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	3368443	36.955	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	62168	11.466	ng/uL	96
5) Pyridine	3.687	79	405930	28.193	ng/ul	96
6) Benzaldehyde	6.952	77	317957	36.602	ng/ul	99
8) Phenol	7.005	94	631848	32.992	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	482008	31.360	ng/ul	99
12) 2-Chlorophenol	7.369	128	488067	33.333	ng/ul	99
13) 2-Methylphenol	8.257	108	474417	32.212	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	611366	29.660	ng/ul	100
16) Acetophenone	8.640	105	743159	32.846	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.622	70	361545	33.192	ng/ul	100
18) 4-Methylphenol	8.587	108	535724	33.281	ng/ul	98
19) Hexachloroethane	8.875	117	183948	32.664	ng/ul	98
22) Nitrobenzene	9.016	77	555847	34.355	ng/ul	99
23) Isophorone	9.546	82	1070855	31.628	ng/ul	99
25) 2-Nitrophenol	9.728	139	287397	37.238	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	558313	32.946	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.028	93	680035	31.387	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	495242	34.200	ng/ul	100
30) Naphthalene	10.657	128	1635654	32.273	ng/ul	99
32) 4-Chloroaniline	10.781	127	504331	23.599	ng/ul	99
33) Hexachlorobutadiene	10.934	225	284185	31.545	ng/ul	99
34) Caprolactam	11.581	113	175299	35.578	ng/ul	95
35) 4-Chloro-3-methylphenol	11.910	107	562798	35.371	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	1136043	32.696	ng/ul	100

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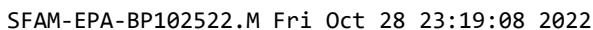
Instrument :
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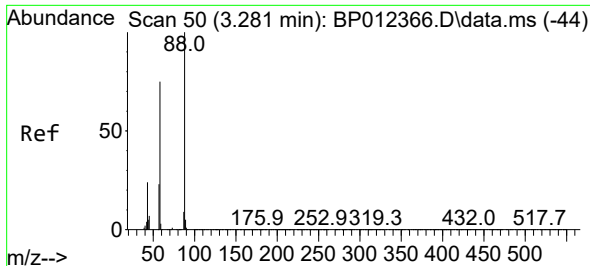
Quant Time: Oct 28 23:19:03 2022
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	1140663	32.872	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.640	216	601767	31.752	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	208082	23.731	ng/ul	100
41) 2,4,6-Trichlorophenol	12.887	196	406347	33.542	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	462463	35.001	ng/ul	99
43) 1,1'-Biphenyl	13.287	154	1516875	31.972	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	1205114	32.324	ng/ul	99
45) 2-Nitroaniline	13.545	65	349878	40.490	ng/ul	98
47) Dimethylphthalate	13.922	163	1541191	33.118	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	314089	40.648	ng/ul	98
50) Acenaphthylene	14.181	152	1905344	33.659	ng/ul	99
51) 3-Nitroaniline	14.375	138	357638	37.800	ng/ul	97
52) Acenaphthene	14.522	153	1304573	32.793	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	185255	35.502	ng/ul	98
55) 4-Nitrophenol	14.692	109	239008	37.786	ng/ul	96
56) Dibenzofuran	14.857	168	1827744	33.654	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	474169	40.742	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.086	232	394785	35.202	ng/ul	99
59) Diethylphthalate	15.286	149	1570689	34.687	ng/ul	99
61) Fluorene	15.510	166	1492642	34.590	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	713264	33.698	ng/ul	99
63) 4-Nitroaniline	15.545	138	383534	44.869	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.604	198	282664	34.622	ng/ul	99
67) N-Nitrosodiphenylamine	15.722	169	1312548	31.665	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	478338	32.357	ng/ul	99
69) Hexachlorobenzene	16.516	284	585802	33.040	ng/ul	98
70) Atrazine	16.681	200	159467	11.105	ng/ul	98
71) Pentachlorophenol	16.869	266	350157	32.157	ng/ul	99
72) Phenanthrene	17.263	178	2612134	33.596	ng/ul	99
74) Anthracene	17.351	178	2616634	33.876	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	640974	30.445	ng/ul	99
76) Pentachlorobenzene	14.775	250	634766	28.552	ng/ul	99
77) Carbazole	17.628	167	2511706	36.510	ng/ul	100
78) Di-n-butylphthalate	18.175	149	2874015	35.960	ng/ul	99
80) Fluoranthene	19.233	202	3333925	30.391	ng/ul	100
82) Pyrene	19.586	202	3470595	30.544	ng/ul	100
83) Butylbenzylphthalate	20.463	149	1489378	35.158	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	1225948	31.891	ng/ul	99
85) Benzo(a)anthracene	21.298	228	3745246	33.172	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	2186402	33.753	ng/ul	99
87) Chrysene	21.351	228	3545951	33.596	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	4027538	36.196	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	4113447	34.822	ng/ul	100
91) Benzo(k)fluoranthene	23.027	252	3853192	34.227	ng/ul	99
93) Benzo(a)pyrene	23.604	252	3493562	33.867	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.204	276	4192480	32.616	ng/ul	100
95) Dibenzo(a,h)anthracene	26.215	278	3633489	31.569	ng/ul	99
96) Benzo(g,h,i)perylene	26.968	276	3482730	30.650	ng/ul	100

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

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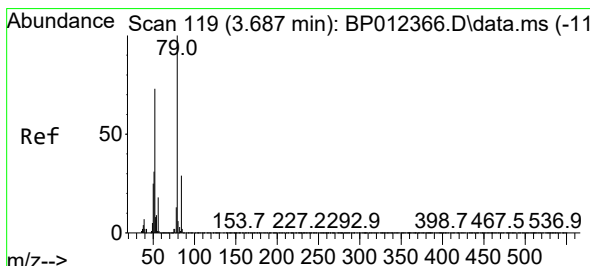
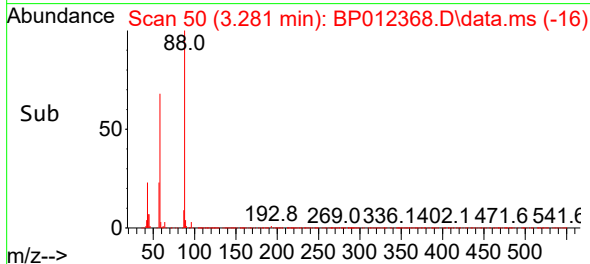
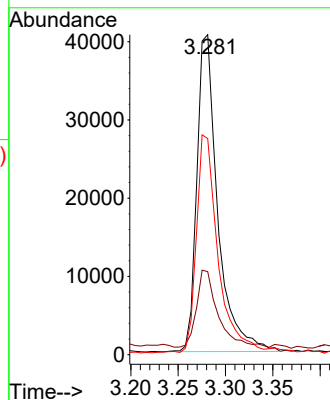
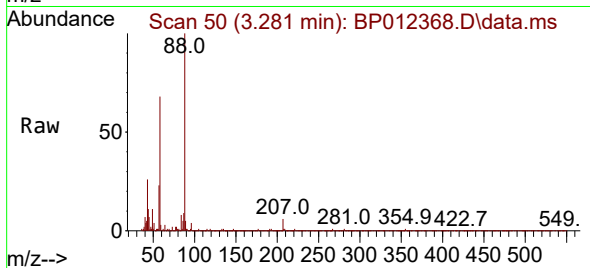




#2
1,4-Dioxane
Concen: 11.466 ng/uL
RT: 3.281 min Scan# 50
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

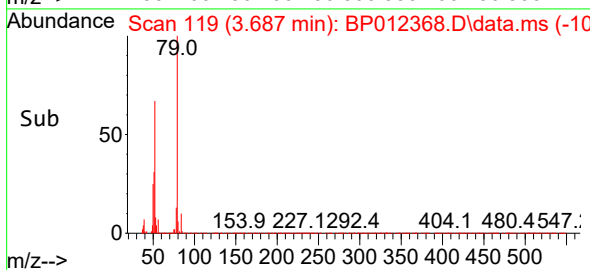
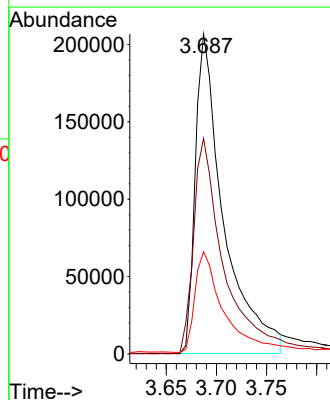
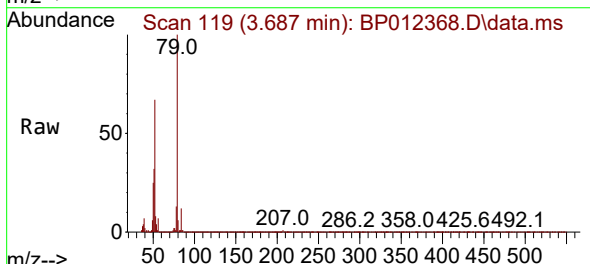
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BNA_P
ClientSampleId :

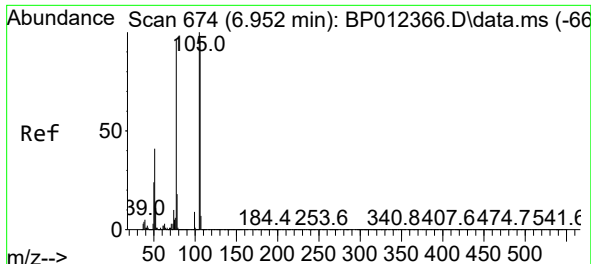
Tgt Ion: 88 Resp: 62168
Ion Ratio Lower Upper
88 100
43 25.9 20.6 31.0
58 67.5 58.0 87.0



#5
Pyridine
Concen: 28.193 ng/uL
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion: 79 Resp: 405930
Ion Ratio Lower Upper
79 100
52 67.3 57.4 86.0
51 31.9 25.7 38.5

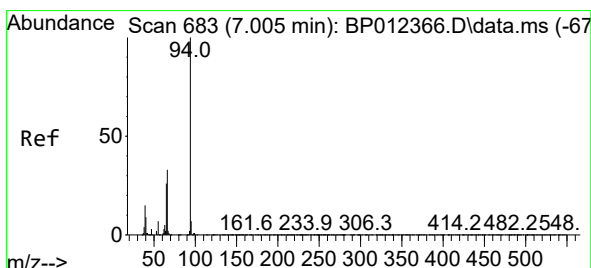
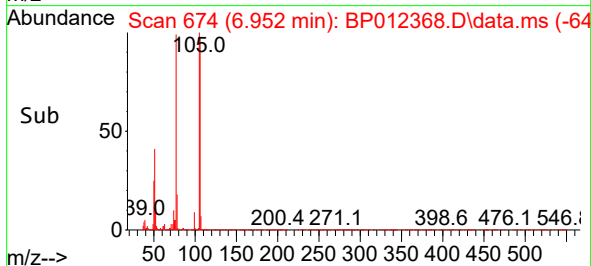
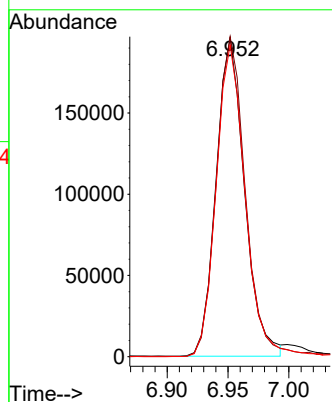
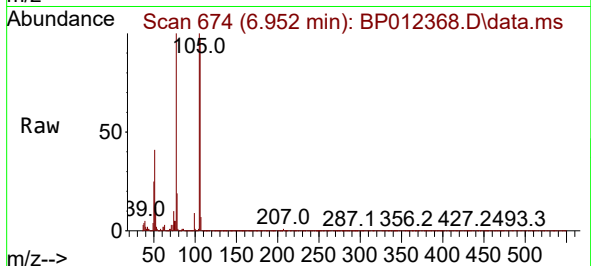




#6
Benzaldehyde
Concen: 36.602 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

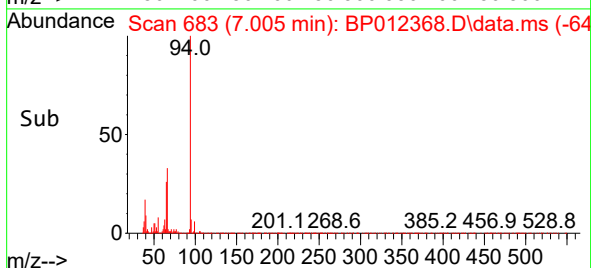
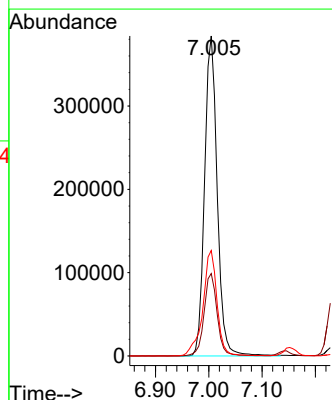
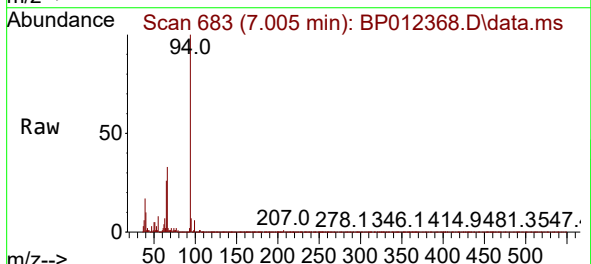
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BNA_P
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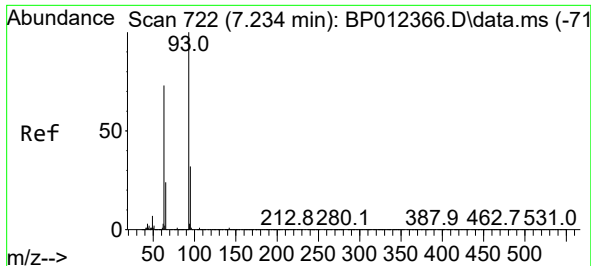
Tgt Ion: 77 Resp: 317957
Ion Ratio Lower Upper
77 100
105 100.5 81.0 121.6
106 97.8 79.2 118.8



#8
Phenol
Concen: 32.992 ng/ul
RT: 7.005 min Scan# 683
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

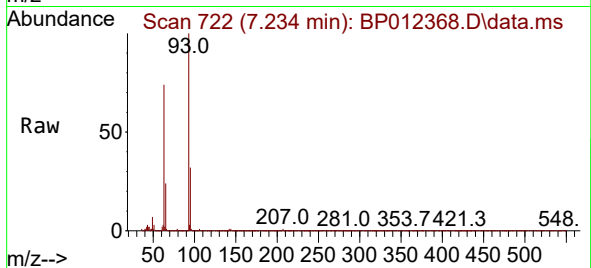
Tgt Ion: 94 Resp: 631848
Ion Ratio Lower Upper
94 100
65 25.8 20.8 31.2
66 33.0 26.2 39.2





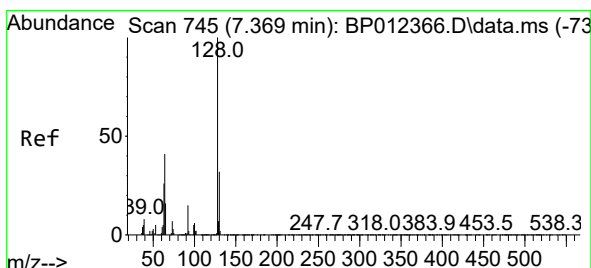
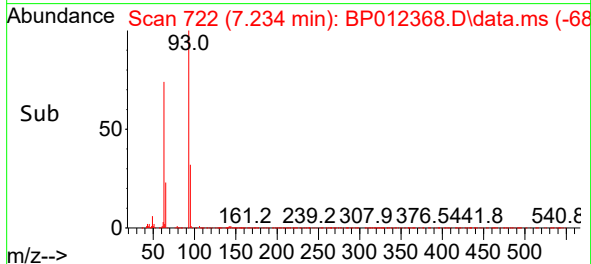
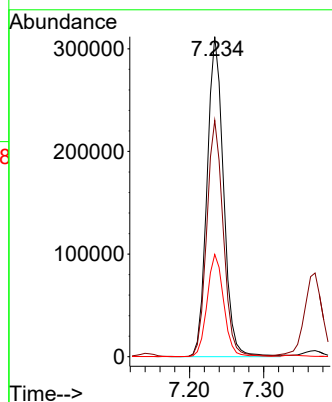
#10
 Bis(2-Chloroethyl)ether
 Concen: 31.360 ng/ul
 RT: 7.234 min Scan# 722
 Delta R.T. -0.000 min
 Lab File: BP012368.D
 Acq: 28 Oct 2022 09:32

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 93 Resp: 482008

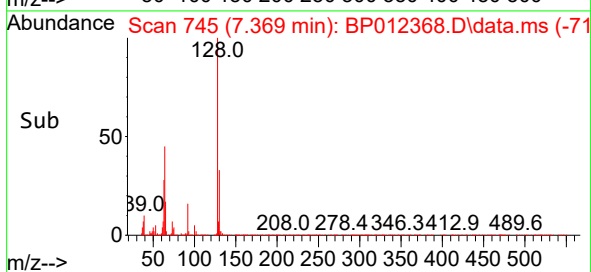
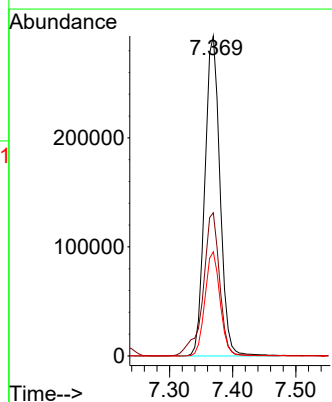
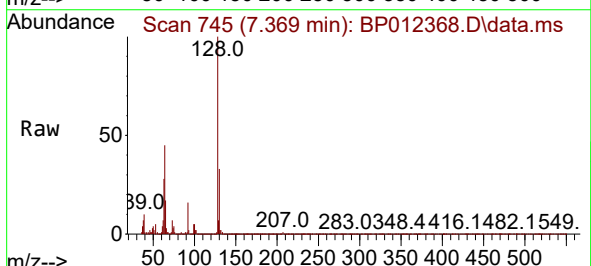
Ion	Ratio	Lower	Upper
93	100		
63	73.8	59.9	89.9
95	32.0	25.7	38.5

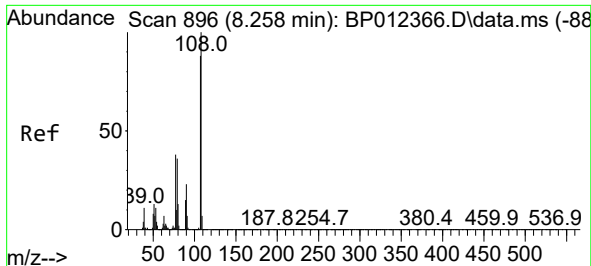


#12
 2-Chlorophenol
 Concen: 33.333 ng/ul
 RT: 7.369 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: BP012368.D
 Acq: 28 Oct 2022 09:32

Tgt Ion:128 Resp: 488067

Ion	Ratio	Lower	Upper
128	100		
64	44.8	35.1	52.7
130	32.6	25.8	38.6





#13

2-Methylphenol

Concen: 32.212 ng/ul

RT: 8.257 min Scan# 896

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

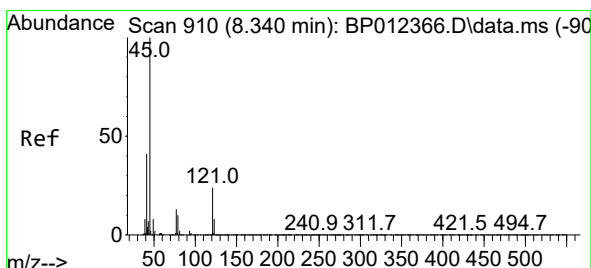
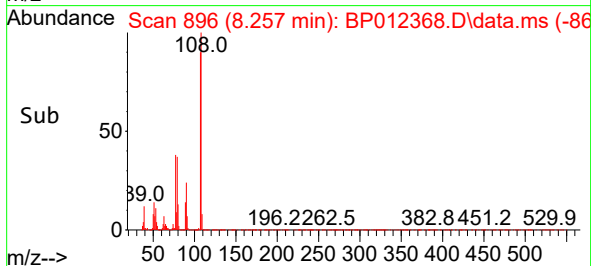
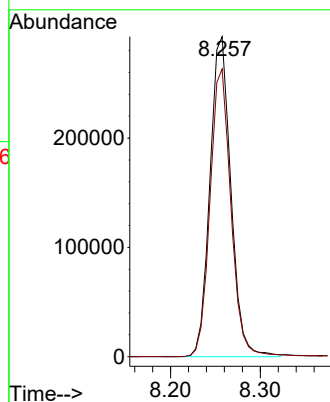
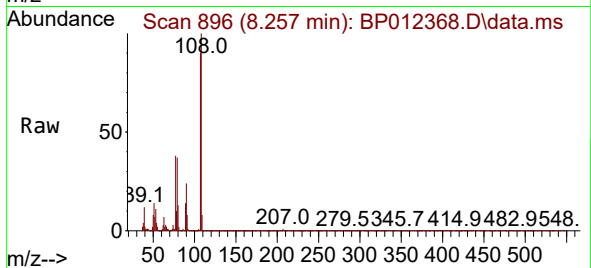
ClientSampleId :

Tgt Ion:108 Resp: 474417

Ion Ratio Lower Upper

108 100

107 89.9 70.8 106.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.660 ng/ul

RT: 8.334 min Scan# 909

Delta R.T. -0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

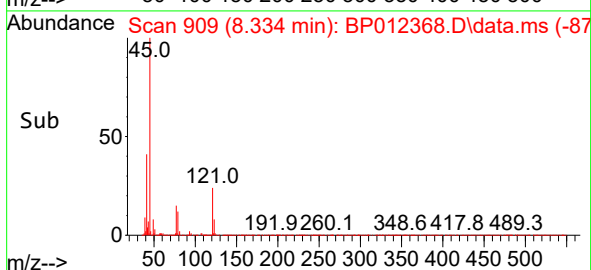
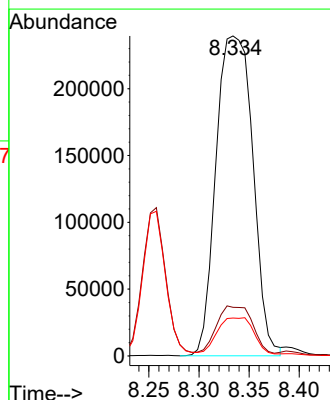
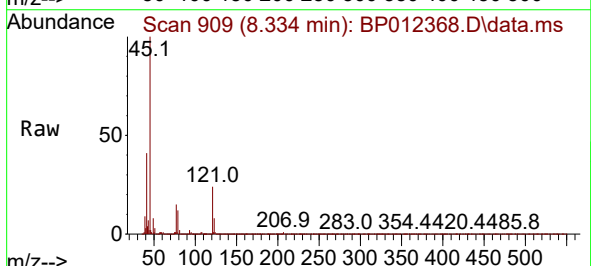
Tgt Ion: 45 Resp: 611366

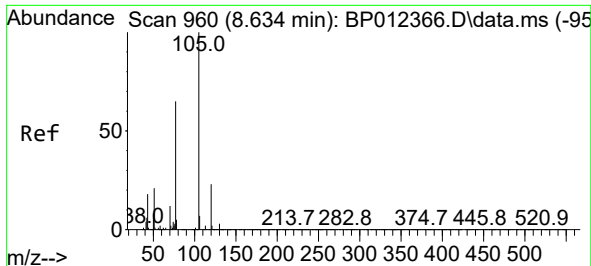
Ion Ratio Lower Upper

45 100

77 15.2 12.1 18.1

79 11.9 9.7 14.5

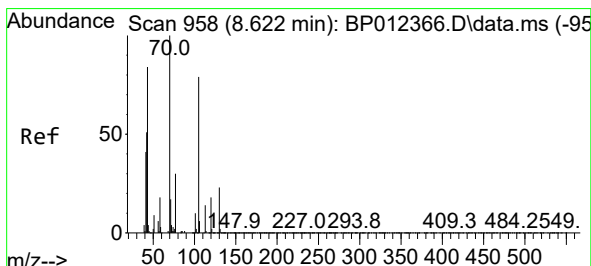
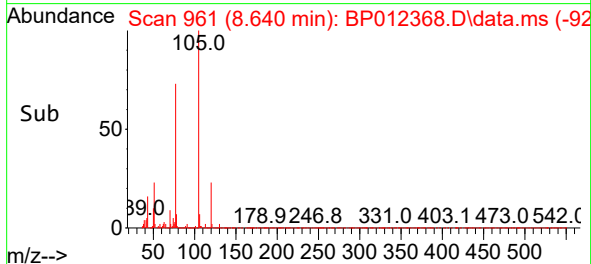
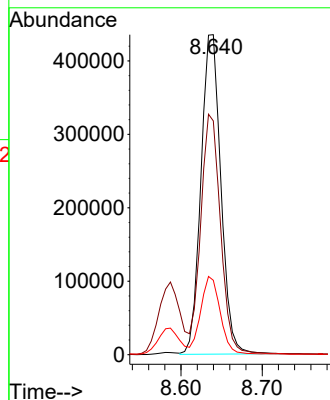
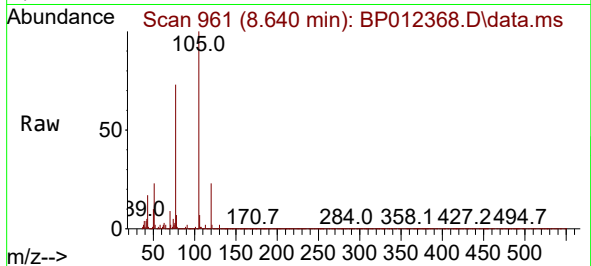




#16
Acetophenone
Concen: 32.846 ng/ul
RT: 8.640 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

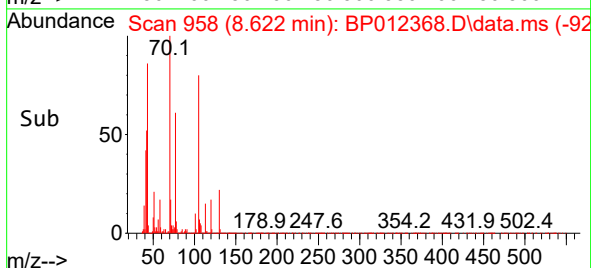
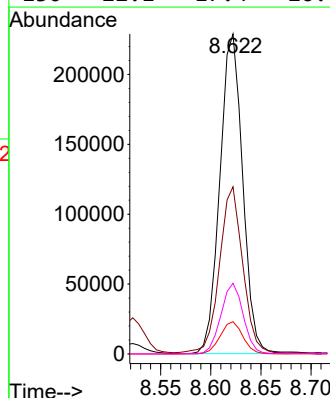
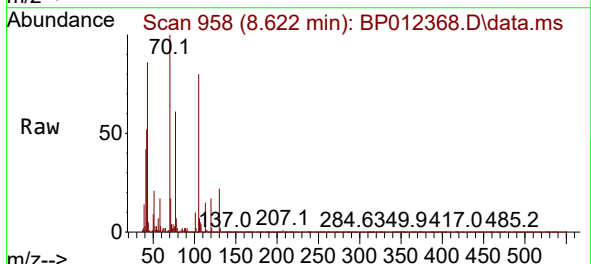
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BNA_P
ClientSampleId :

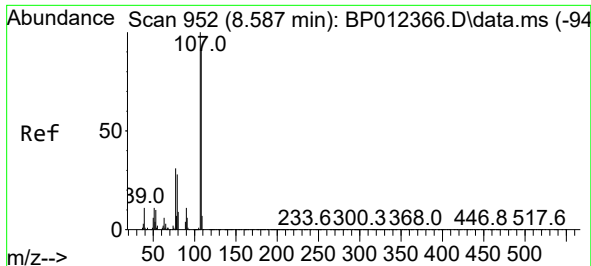
Tgt Ion:105 Resp: 743159
Ion Ratio Lower Upper
105 100
77 73.0 60.3 90.5
51 23.2 19.9 29.9



#17
N-Nitroso-di-n-propylamine
Concen: 33.192 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion: 70 Resp: 361545
Ion Ratio Lower Upper
70 100
42 52.2 41.7 62.5
101 10.1 7.8 11.8
130 22.1 17.4 26.0

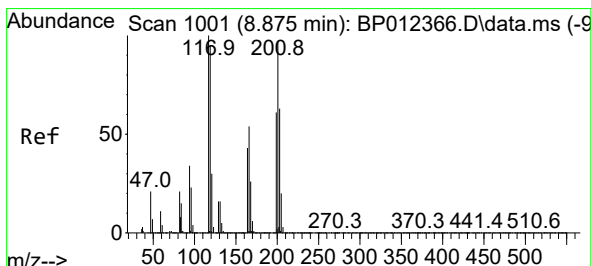
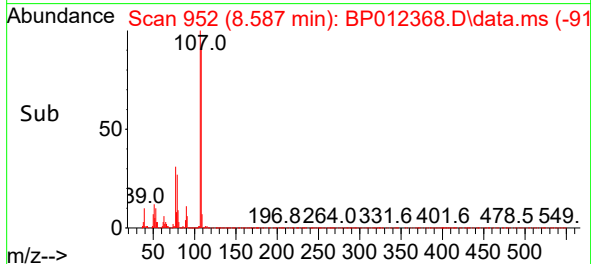
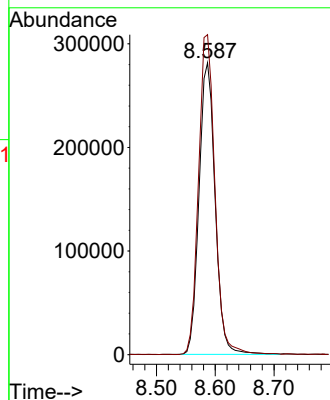
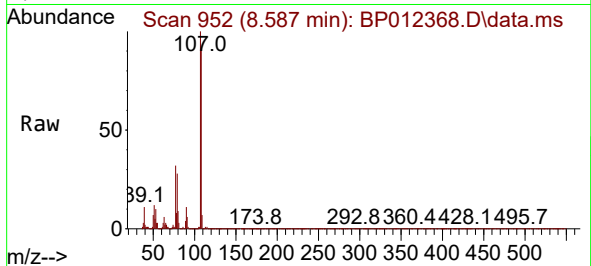




#18
4-Methylphenol
Concen: 33.281 ng/ul
RT: 8.587 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

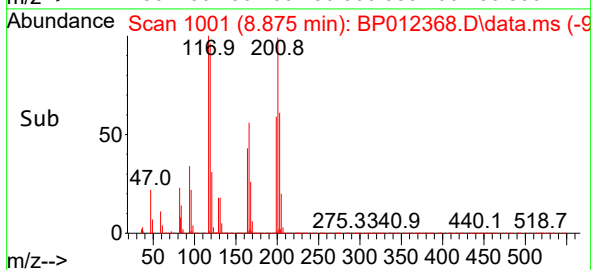
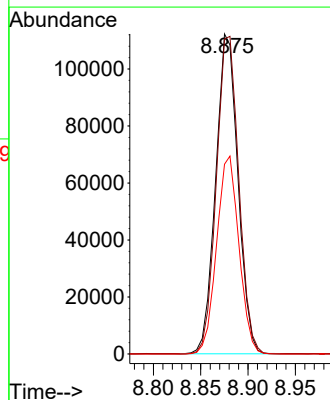
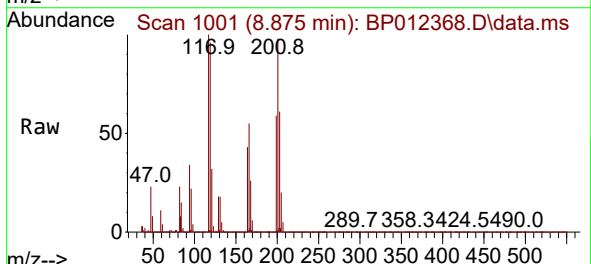
Instrument :
BNA_P
ClientSampleId :

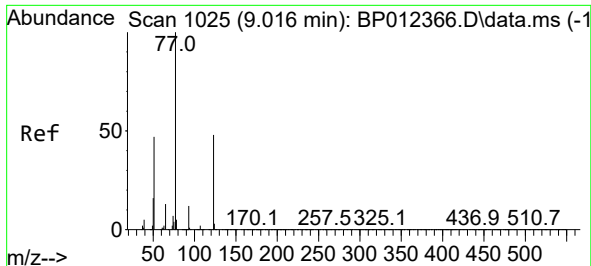
Tgt Ion:108 Resp: 535724
Ion Ratio Lower Upper
108 100
107 109.7 89.1 133.7



#19
Hexachloroethane
Concen: 32.664 ng/ul
RT: 8.875 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:117 Resp: 183948
Ion Ratio Lower Upper
117 100
201 98.5 78.5 117.7
199 59.3 49.9 74.9





#22

Nitrobenzene

Concen: 34.355 ng/ul

RT: 9.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

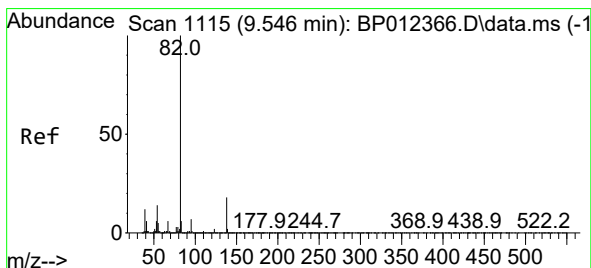
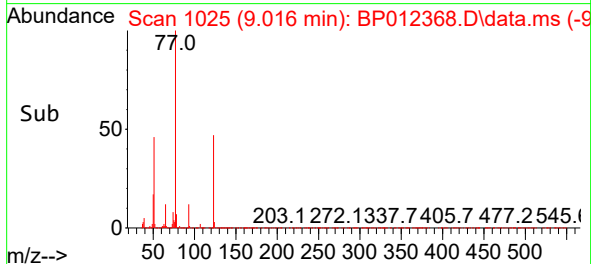
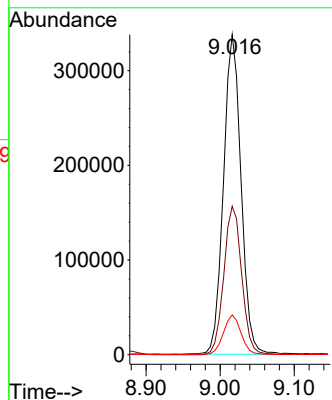
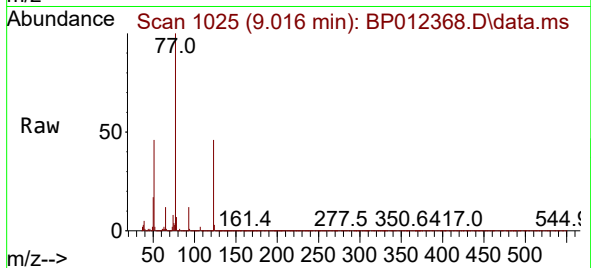
Tgt Ion: 77 Resp: 555847

Ion Ratio Lower Upper

77 100

123 46.4 37.4 56.2

65 12.5 10.2 15.2



#23

Isophorone

Concen: 31.628 ng/ul

RT: 9.546 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

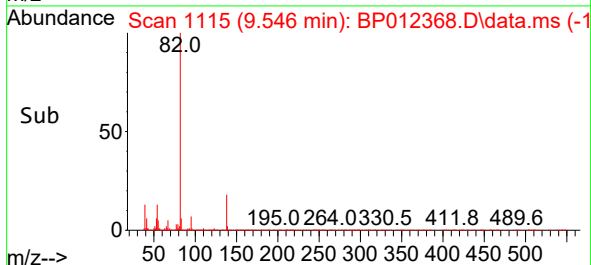
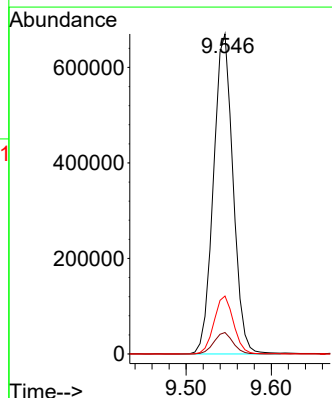
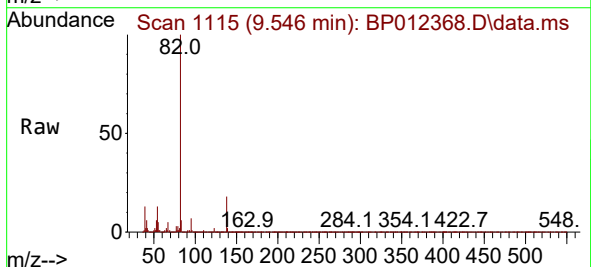
Tgt Ion: 82 Resp: 1070855

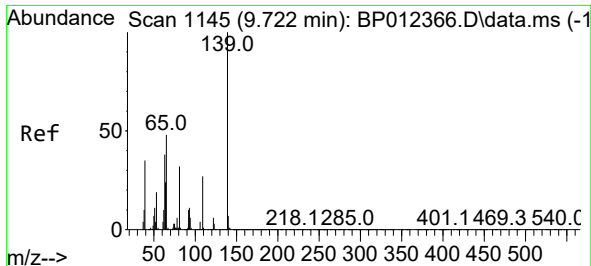
Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.1 14.2 21.2

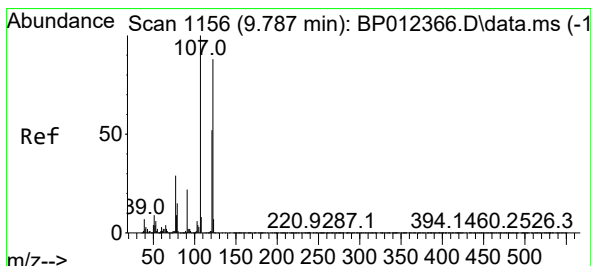
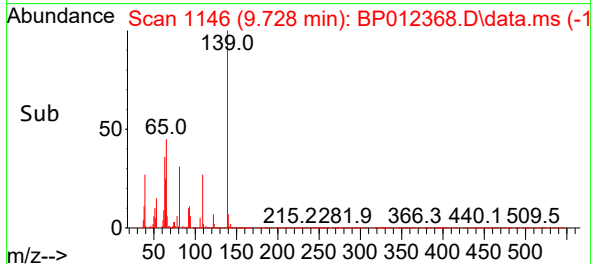
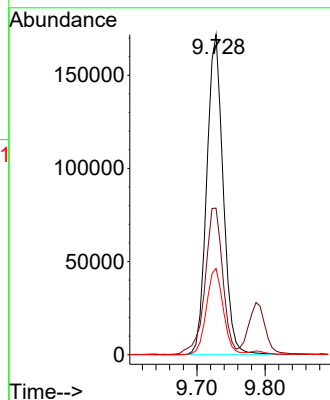
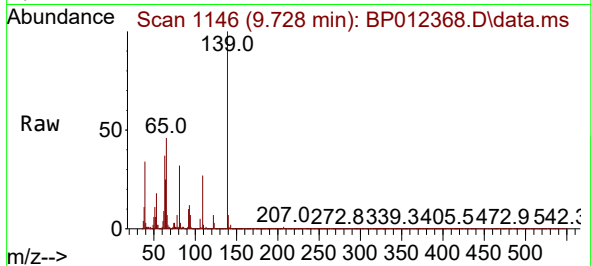




#25
2-Nitrophenol
Concen: 37.238 ng/ul
RT: 9.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

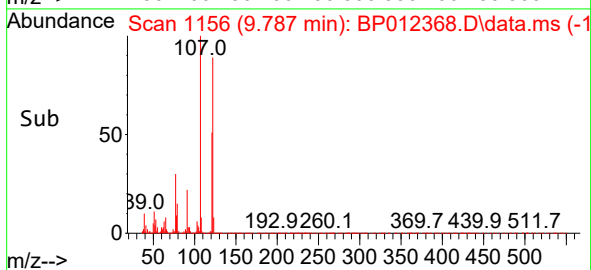
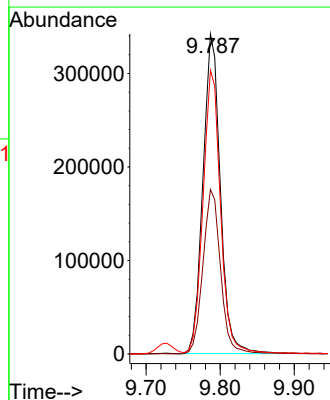
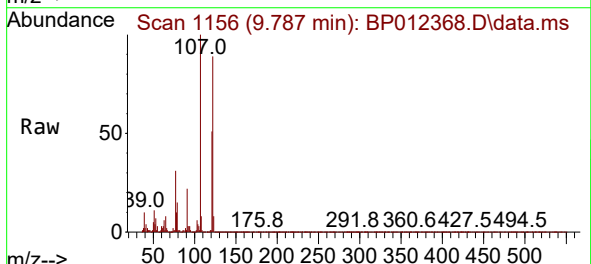
Instrument :
BNA_P
ClientSampleId :

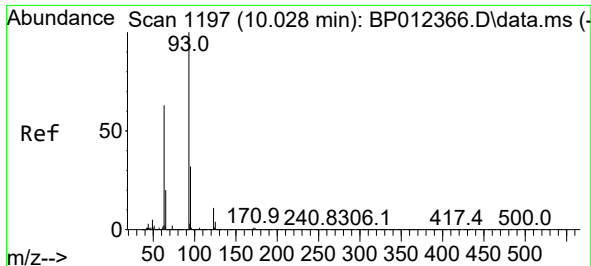
Tgt Ion:139 Resp: 287397
Ion Ratio Lower Upper
139 100
65 45.8 37.8 56.8
109 26.9 21.4 32.2



#26
2,4-Dimethylphenol
Concen: 32.946 ng/ul
RT: 9.787 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:107 Resp: 558313
Ion Ratio Lower Upper
107 100
121 51.4 40.9 61.3
122 88.6 70.6 105.8

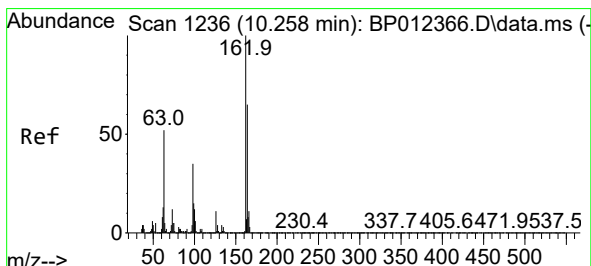
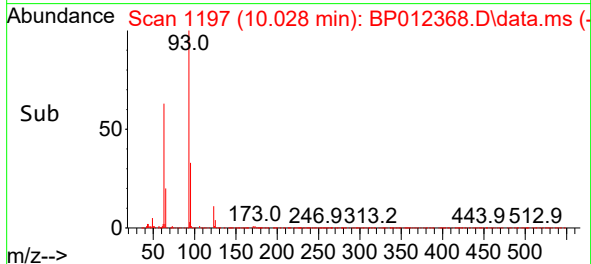
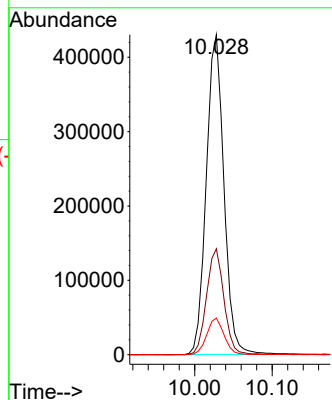
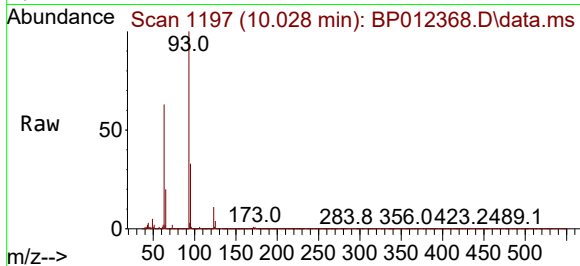




#27
 Bis(2-Chloroethoxy)methane
 Concen: 31.387 ng/ul
 RT: 10.028 min Scan# 1197
 Delta R.T. -0.000 min
 Lab File: BP012368.D
 Acq: 28 Oct 2022 09:32

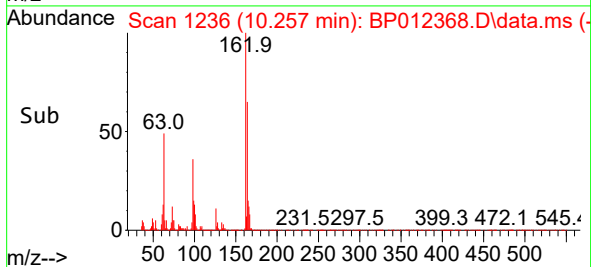
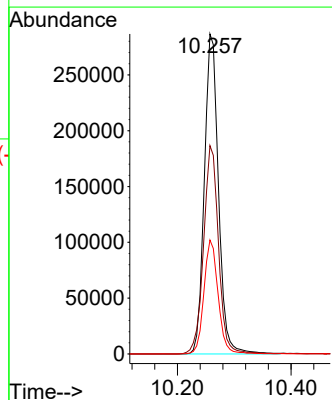
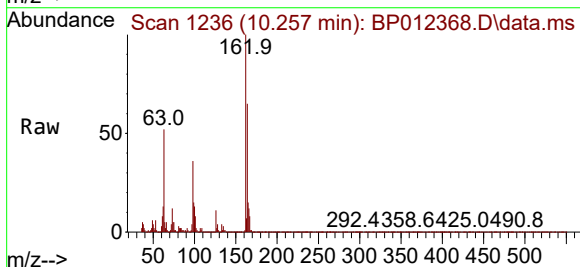
Instrument :
 BNA_P
 ClientSampleId :

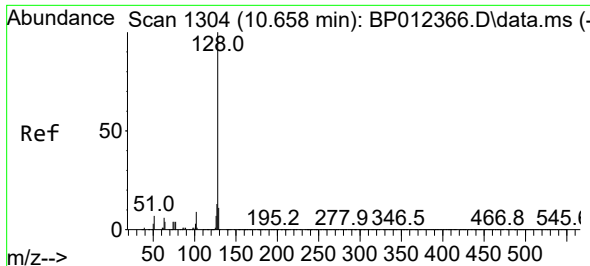
Tgt Ion: 93 Resp: 680035
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.4 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 34.200 ng/ul
 RT: 10.257 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: BP012368.D
 Acq: 28 Oct 2022 09:32

Tgt Ion: 162 Resp: 495242
 Ion Ratio Lower Upper
 162 100
 164 65.1 51.9 77.9
 98 35.6 28.6 43.0

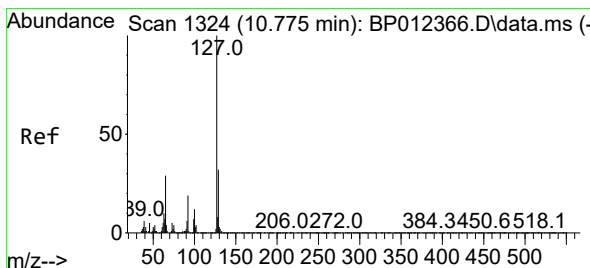
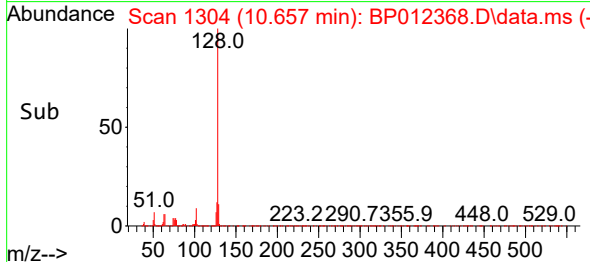
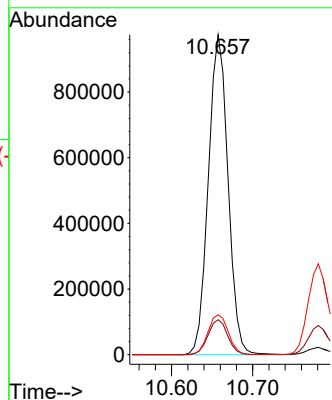
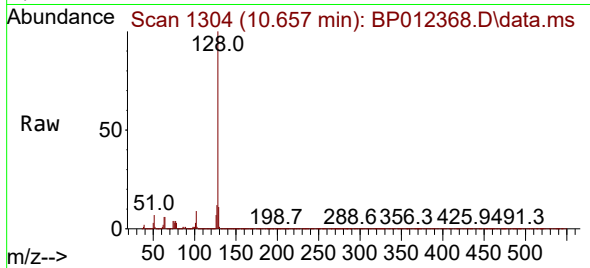




#30
Naphthalene
Concen: 32.273 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

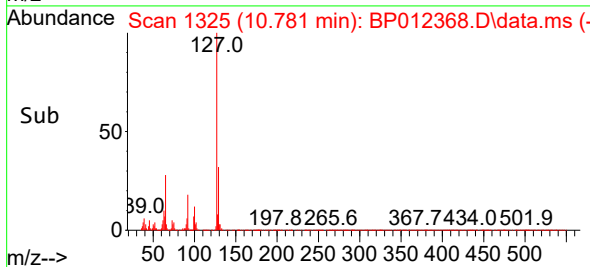
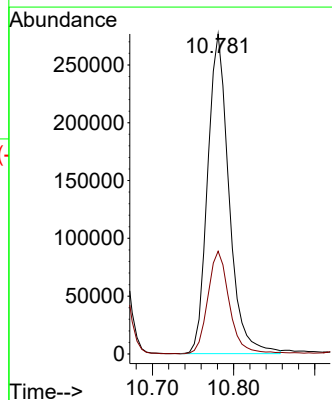
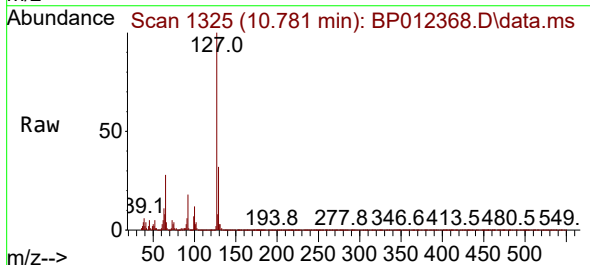
Instrument :
BNA_P
ClientSampleId :

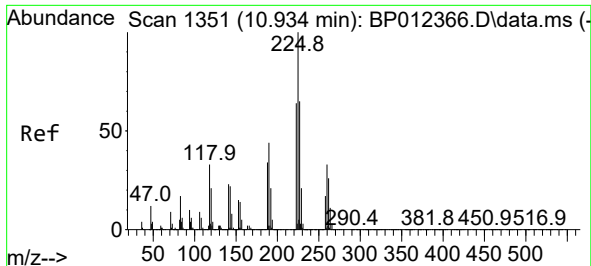
Tgt Ion:128 Resp: 1635654
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.5 10.5 15.7



#32
4-Chloroaniline
Concen: 23.599 ng/ul
RT: 10.781 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:127 Resp: 504331
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0

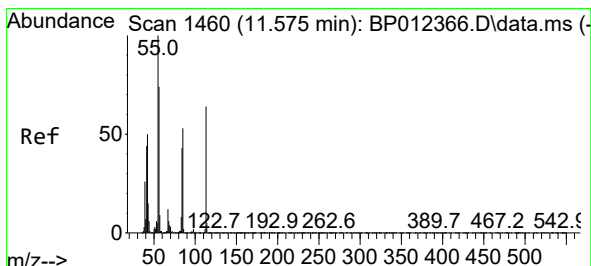
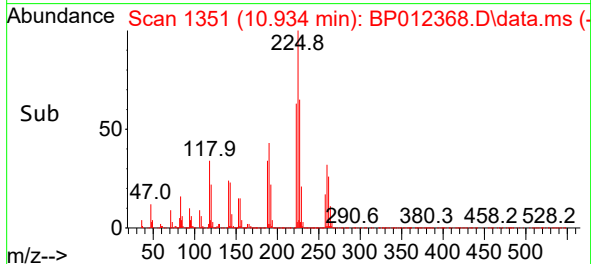
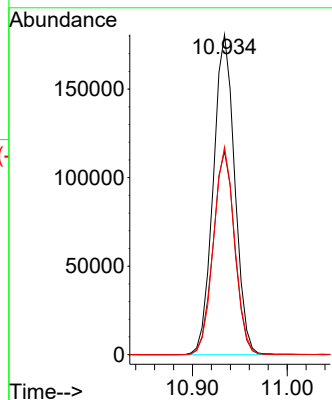
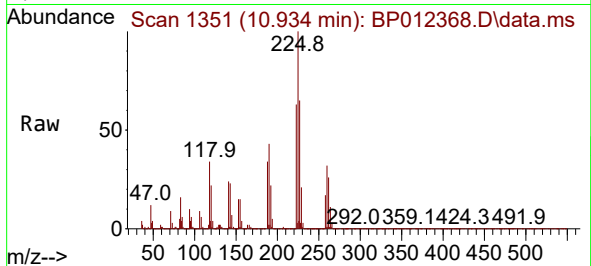




#33
Hexachlorobutadiene
Concen: 31.545 ng/ul
RT: 10.934 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

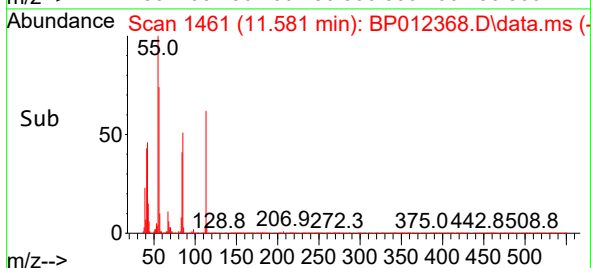
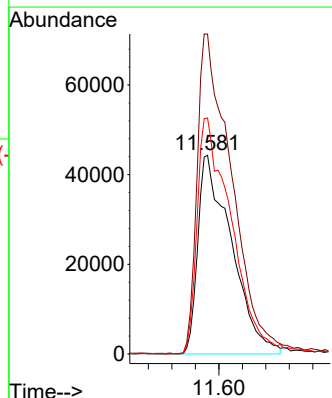
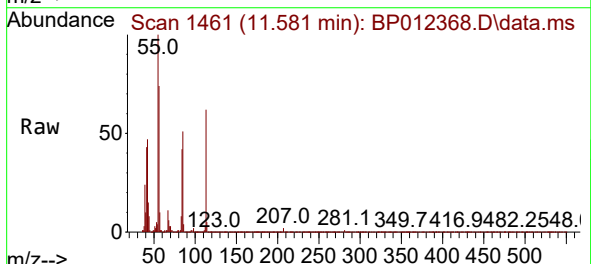
Instrument :
BNA_P
ClientSampleId :

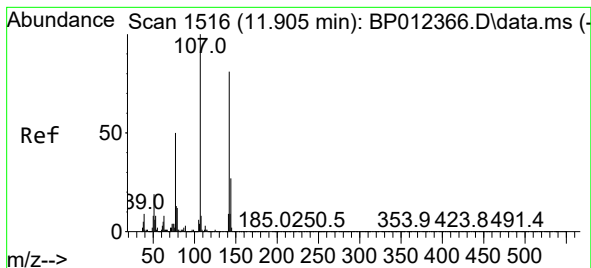
Tgt Ion:225 Resp: 284185
Ion Ratio Lower Upper
225 100
223 63.5 49.0 73.6
227 64.9 51.9 77.9



#34
Caprolactam
Concen: 35.578 ng/ul
RT: 11.581 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:113 Resp: 175299
Ion Ratio Lower Upper
113 100
55 160.9 135.6 203.4
56 118.7 98.9 148.3

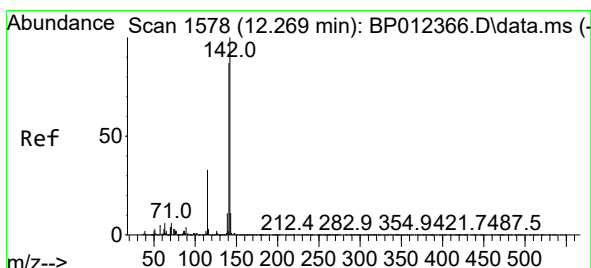
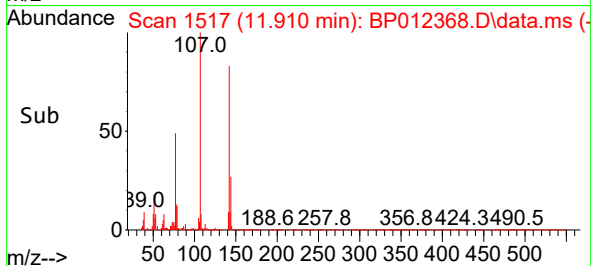
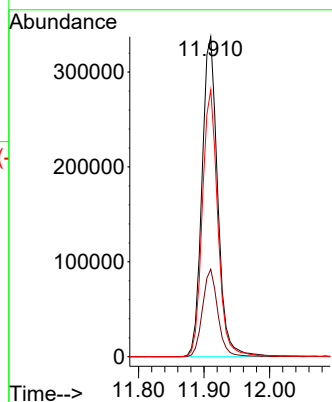
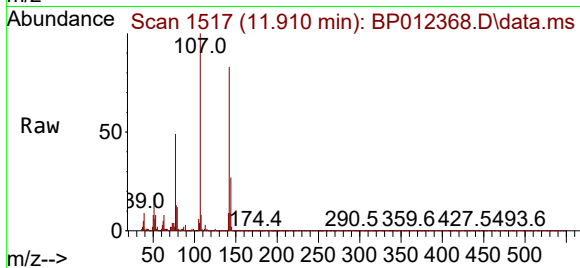




#35
4-Chloro-3-methylphenol
Concen: 35.371 ng/ul
RT: 11.910 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

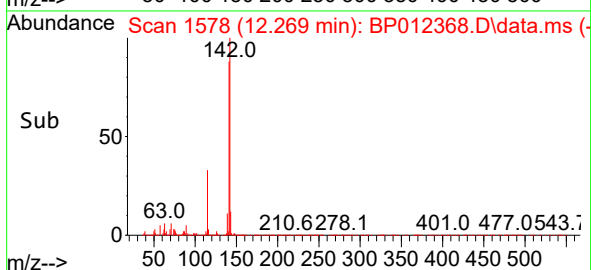
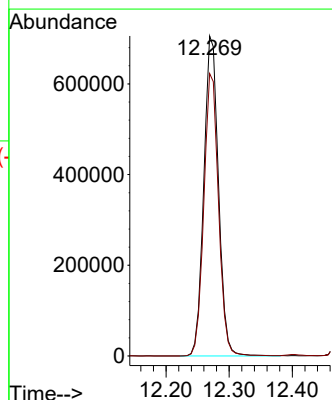
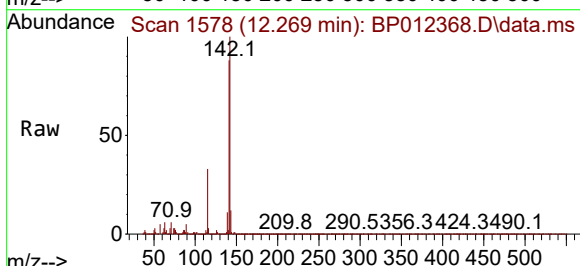
Instrument :
BNA_P
ClientSampleId :

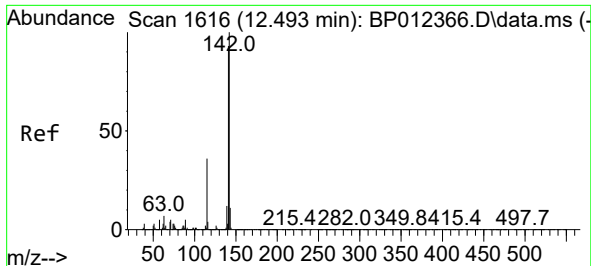
Tgt Ion:107 Resp: 562798
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.4
142 83.4 65.4 98.2



#36
2-Methylnaphthalene
Concen: 32.696 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:142 Resp: 1136043
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0

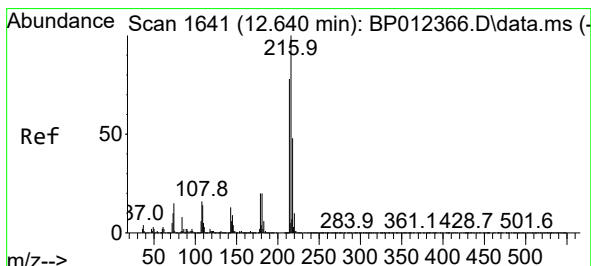
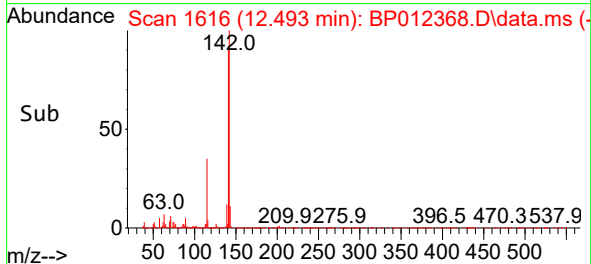
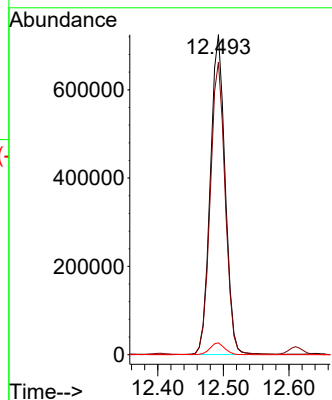
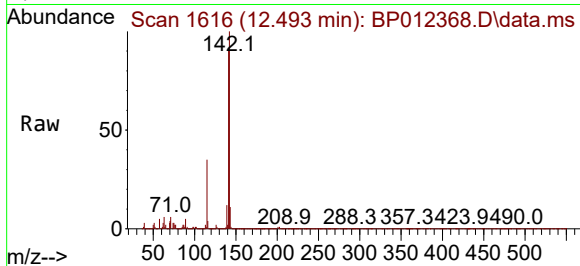




#37
1-Methylnaphthalene
Concen: 32.872 ng/ul
RT: 12.493 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

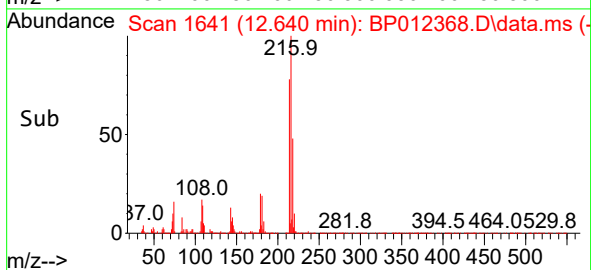
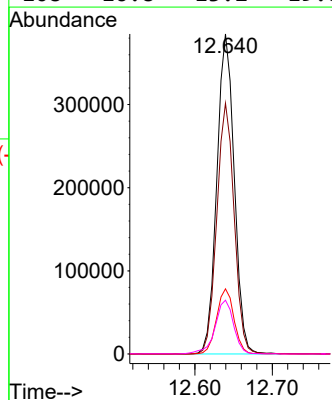
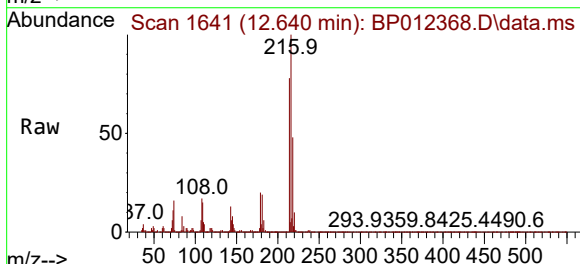
Instrument :
BNA_P
ClientSampleId :

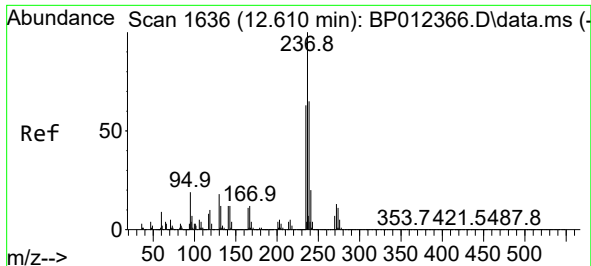
Tgt Ion:142 Resp: 1140663
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7
116 3.7 3.0 4.6



#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.752 ng/ul
RT: 12.640 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:216 Resp: 601767
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 20.4 16.6 24.8
108 16.8 13.2 19.8

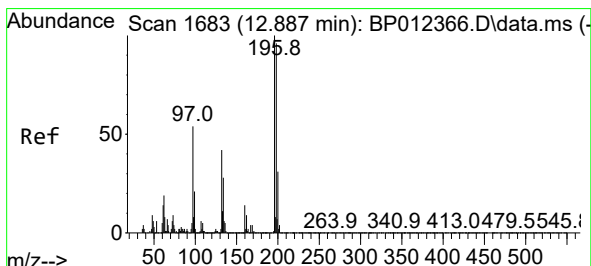
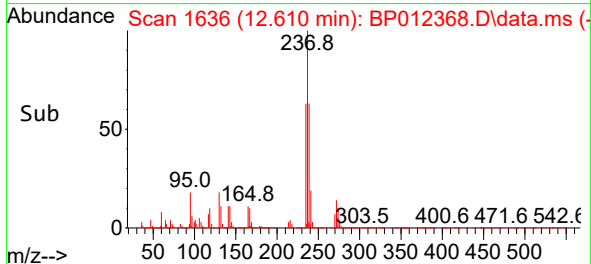
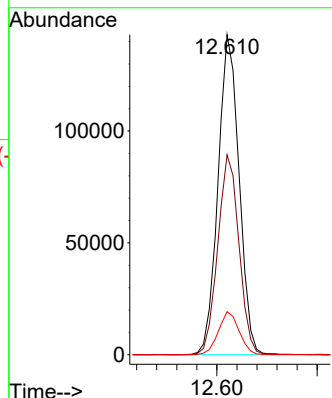
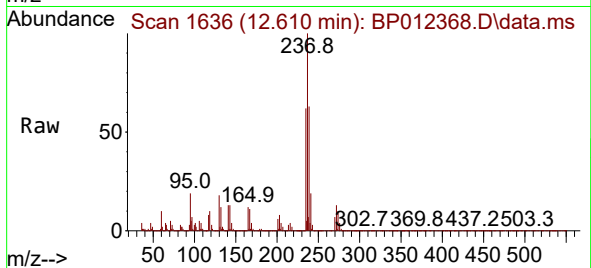




#40
Hexachlorocyclopentadiene
Concen: 23.731 ng/ul
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

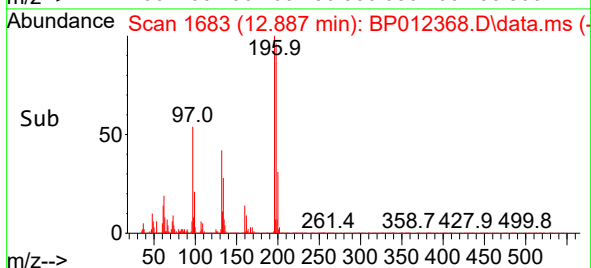
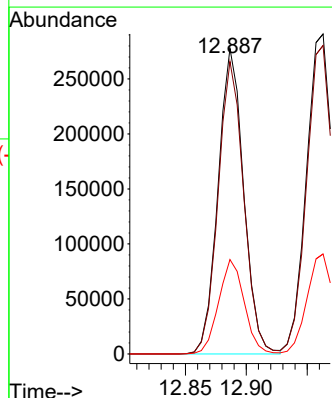
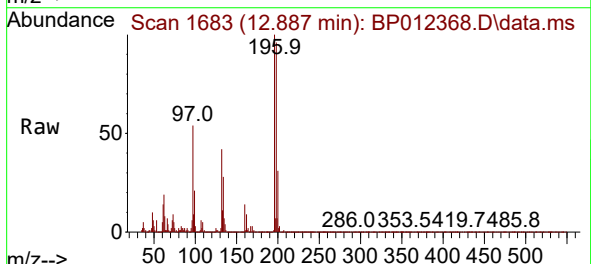
Instrument :
BNA_P
ClientSampleId :

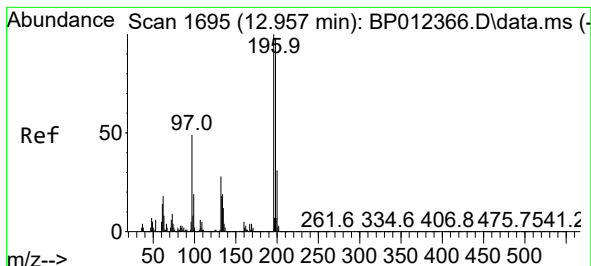
Tgt Ion:237 Resp: 208082
Ion Ratio Lower Upper
237 100
235 62.5 50.1 75.1
272 13.5 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 33.542 ng/ul
RT: 12.887 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:196 Resp: 406347
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
200 30.9 25.1 37.7





#42

2,4,5-Trichlorophenol

Concen: 35.001 ng/ul

RT: 12.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

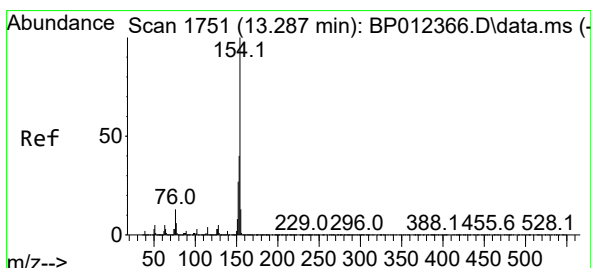
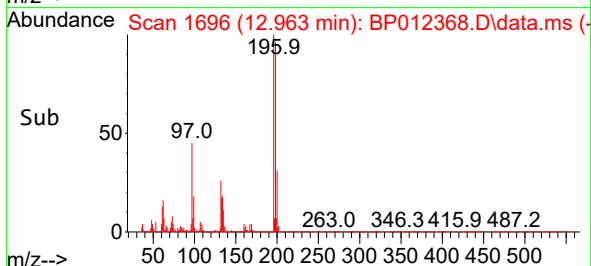
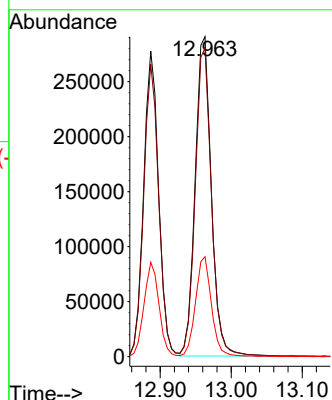
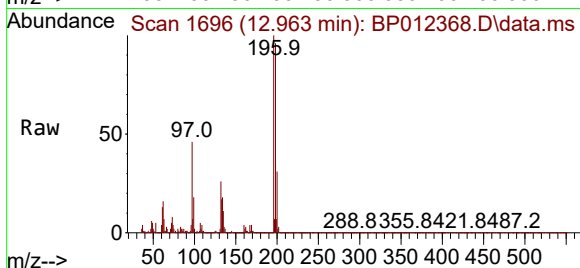
Tgt Ion:196 Resp: 462463

Ion Ratio Lower Upper

196 100

198 96.4 77.8 116.8

200 31.3 25.0 37.4



#43

1,1'-Biphenyl

Concen: 31.972 ng/ul

RT: 13.287 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

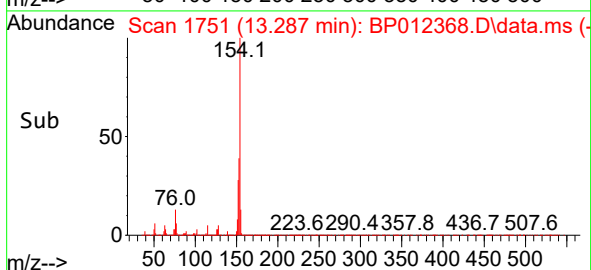
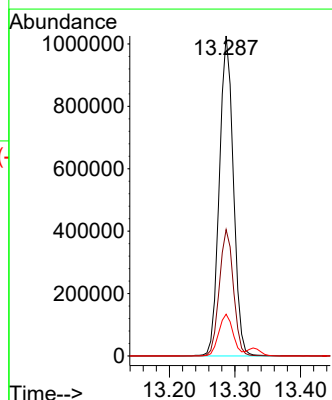
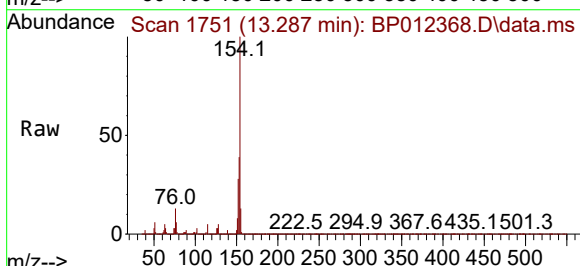
Tgt Ion:154 Resp: 1516875

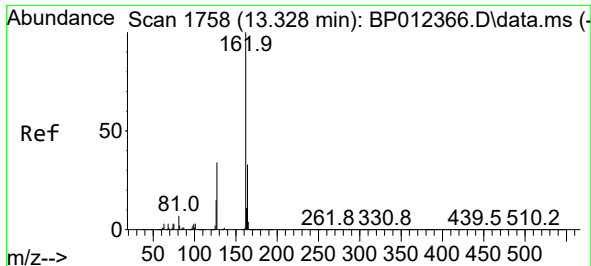
Ion Ratio Lower Upper

154 100

153 39.5 31.9 47.9

76 13.1 10.6 16.0

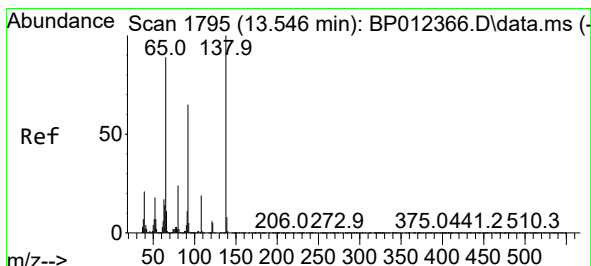
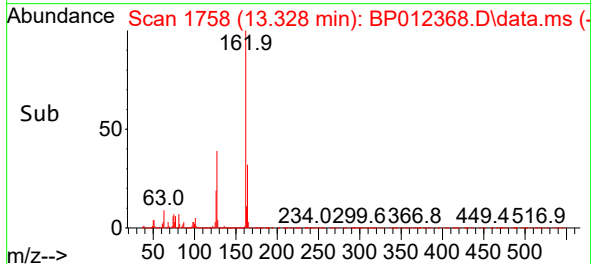
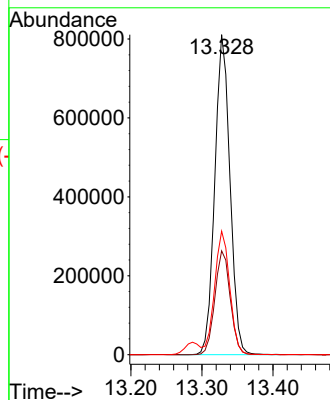
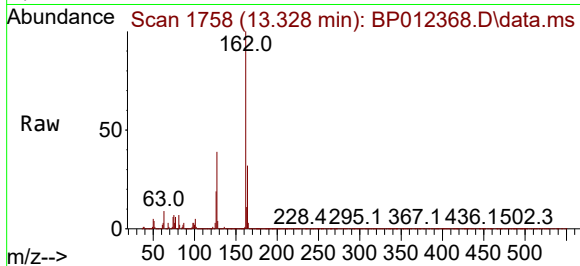




#44
2-Chloronaphthalene
Concen: 32.324 ng/ul
RT: 13.328 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

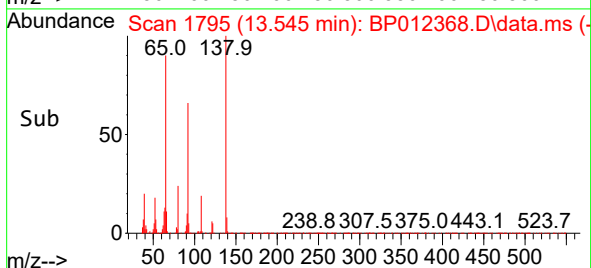
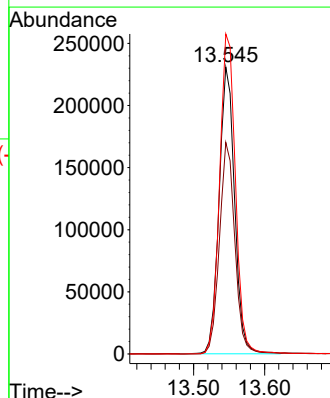
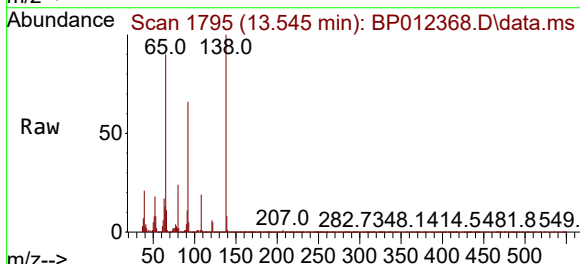
Instrument :
BNA_P
ClientSampleId :

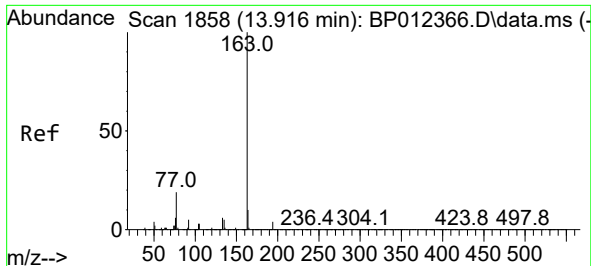
Tgt Ion:162 Resp: 1205114
Ion Ratio Lower Upper
162 100
164 32.4 26.6 39.8
127 38.6 30.9 46.3



#45
2-Nitroaniline
Concen: 40.490 ng/ul
RT: 13.545 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion: 65 Resp: 349878
Ion Ratio Lower Upper
65 100
92 73.7 58.5 87.7
138 111.6 91.1 136.7

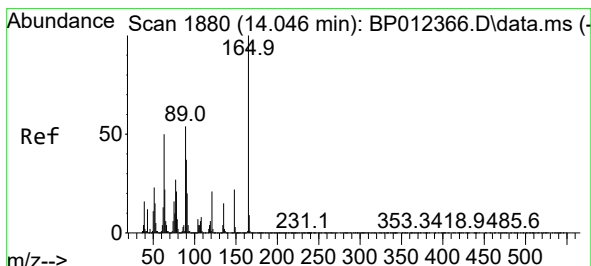
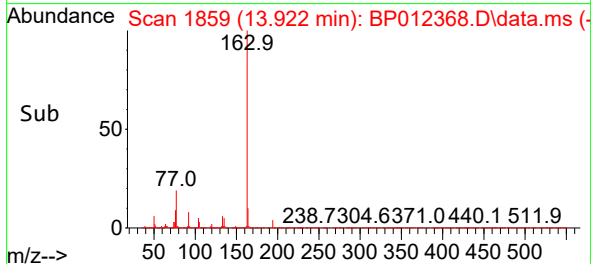
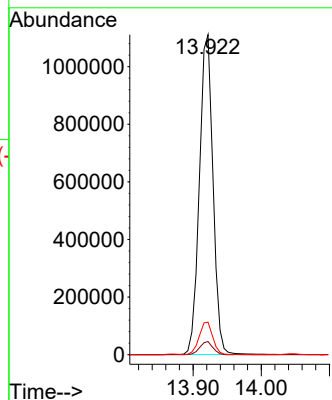
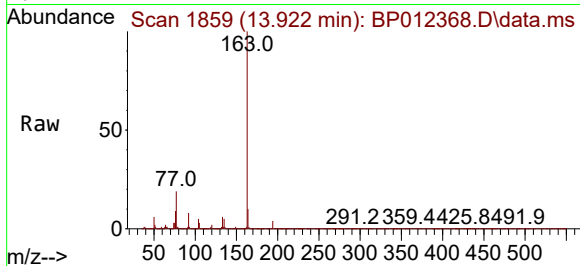




#47
Dimethylphthalate
Concen: 33.118 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

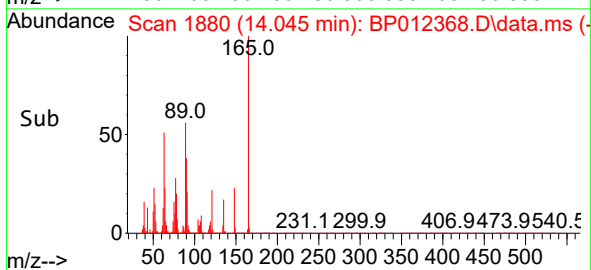
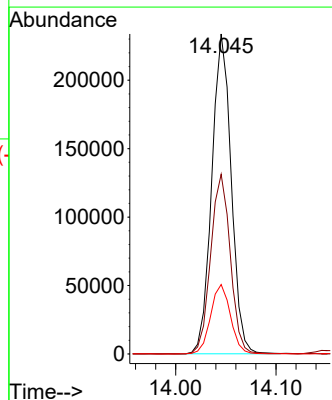
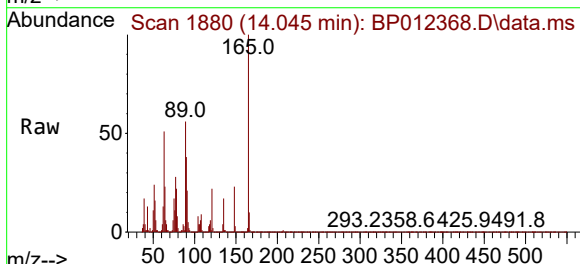
Instrument :
BNA_P
ClientSampleId :

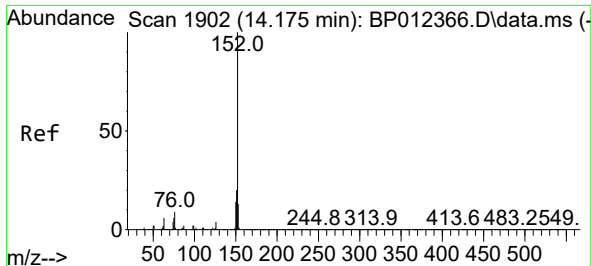
Tgt Ion:163 Resp: 1541191
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 40.648 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:165 Resp: 314089
Ion Ratio Lower Upper
165 100
89 56.1 43.4 65.2
121 21.7 17.1 25.7

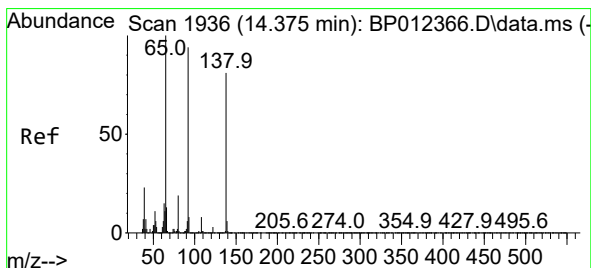
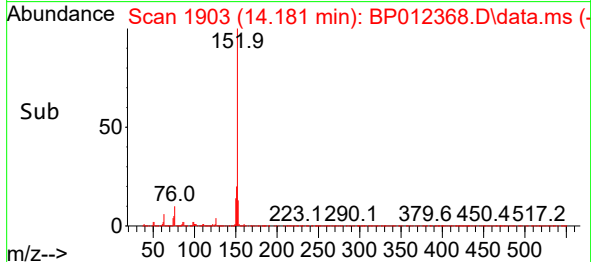
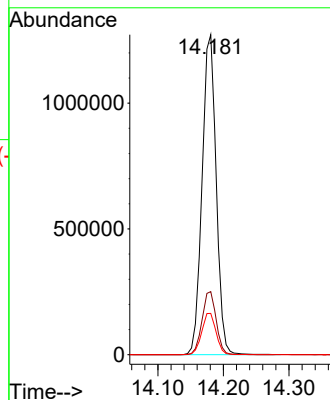
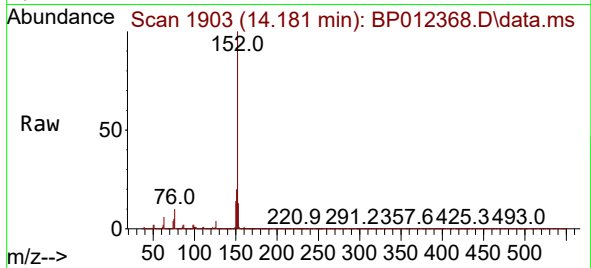




#50
Acenaphthylene
Concen: 33.659 ng/ul
RT: 14.181 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

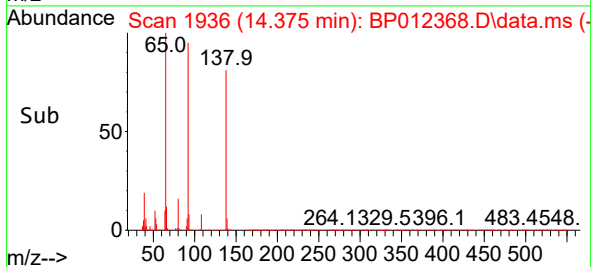
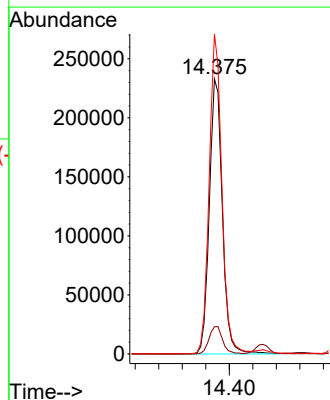
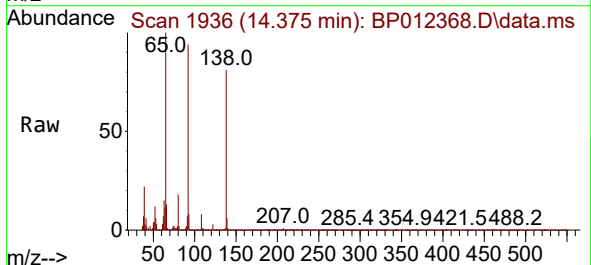
Instrument :
BNA_P
ClientSampleId :

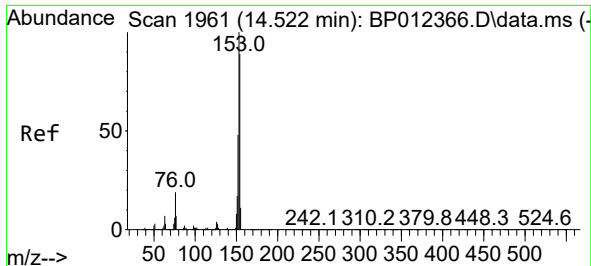
Tgt Ion:152 Resp: 1905344
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 12.9 10.8 16.2



#51
3-Nitroaniline
Concen: 37.800 ng/ul
RT: 14.375 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:138 Resp: 357638
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 116.3 90.6 135.8

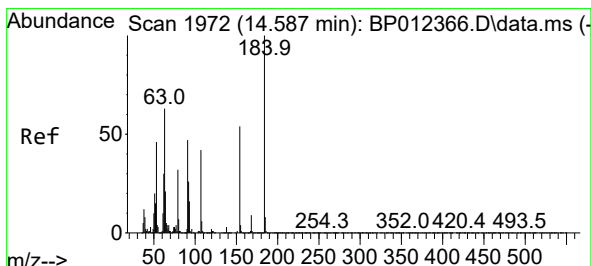
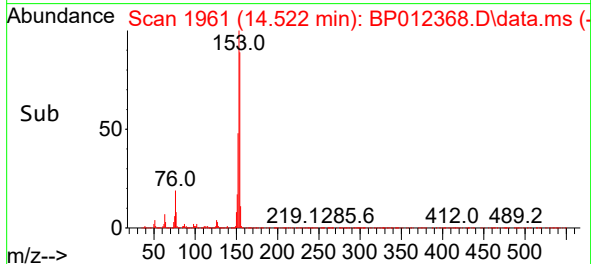
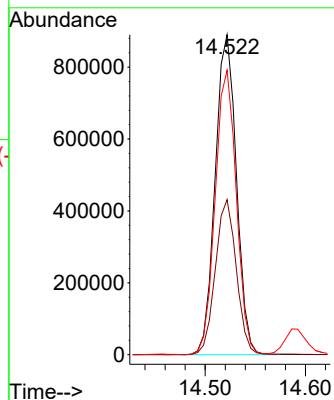
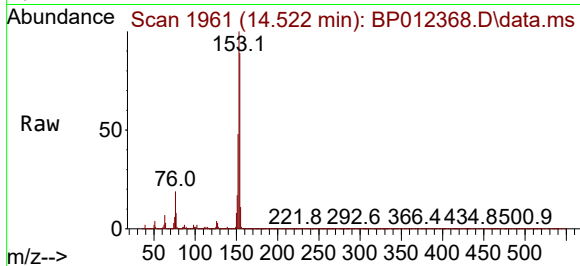




#52
Acenaphthene
Concen: 32.793 ng/ul
RT: 14.522 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

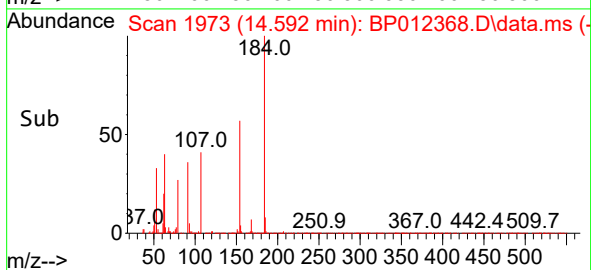
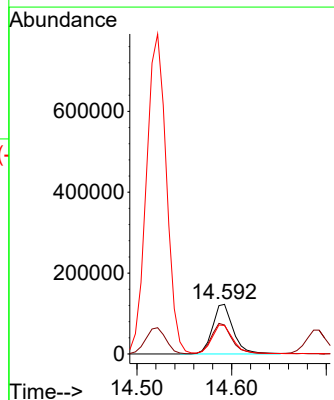
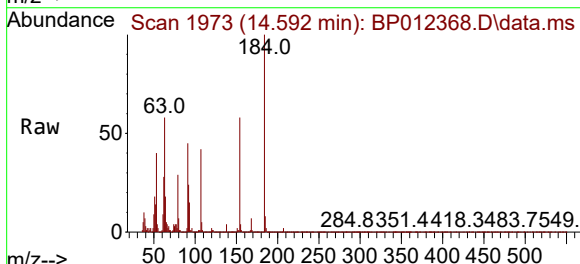
Instrument :
BNA_P
ClientSampleId :

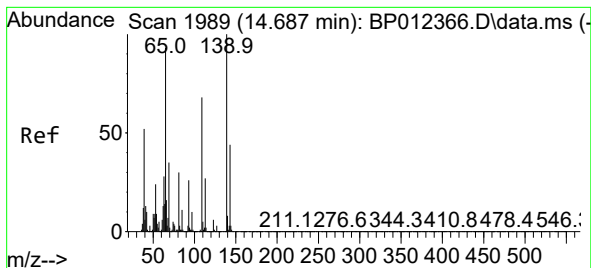
Tgt Ion:153 Resp: 1304573
Ion Ratio Lower Upper
153 100
152 48.4 38.6 58.0
154 88.9 71.6 107.4



#53
2,4-Dinitrophenol
Concen: 35.502 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:184 Resp: 185255
Ion Ratio Lower Upper
184 100
63 58.3 47.9 71.9
154 57.5 46.9 70.3

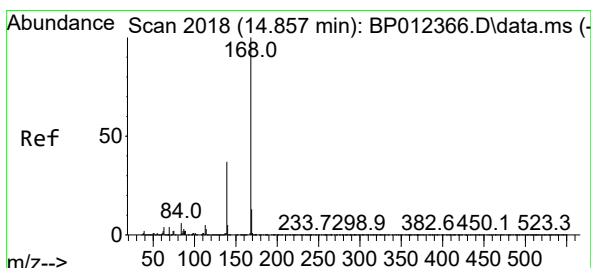
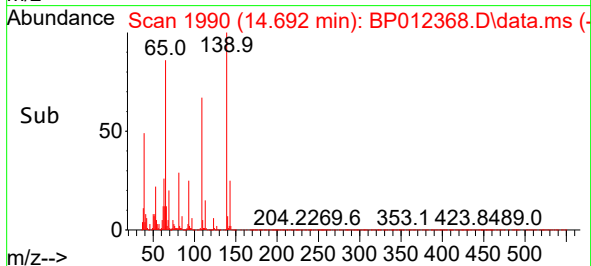
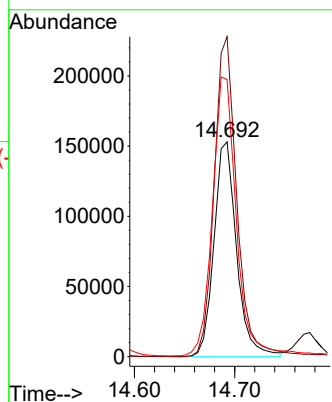
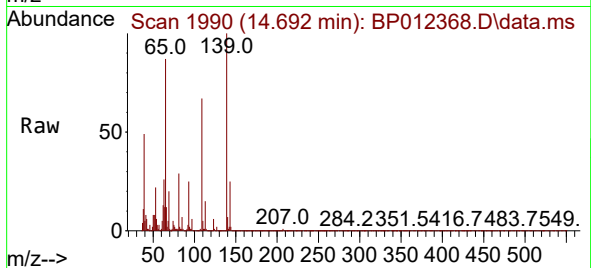




#55
4-Nitrophenol
Concen: 37.786 ng/ul
RT: 14.692 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

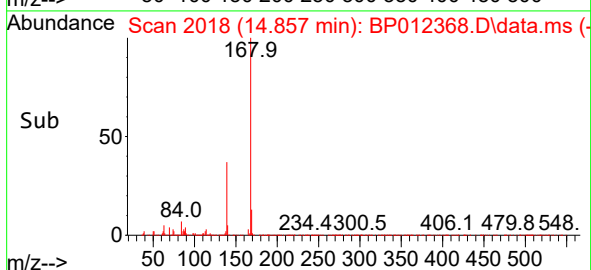
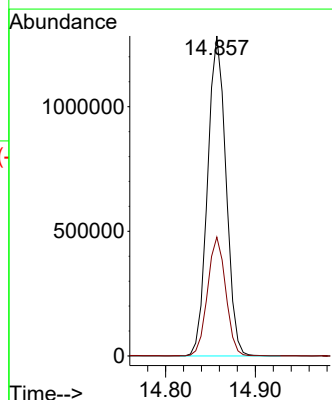
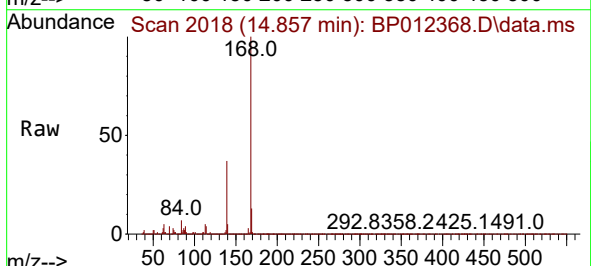
Instrument :
BNA_P
ClientSampleId :

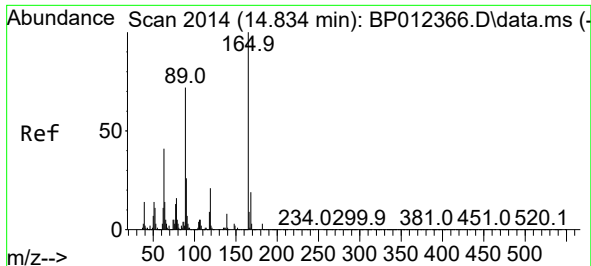
Tgt Ion:109 Resp: 239008
Ion Ratio Lower Upper
109 100
139 148.9 123.1 184.7
65 129.0 107.9 161.9



#56
Dibenzofuran
Concen: 33.654 ng/ul
RT: 14.857 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:168 Resp: 1827744
Ion Ratio Lower Upper
168 100
139 37.2 29.1 43.7

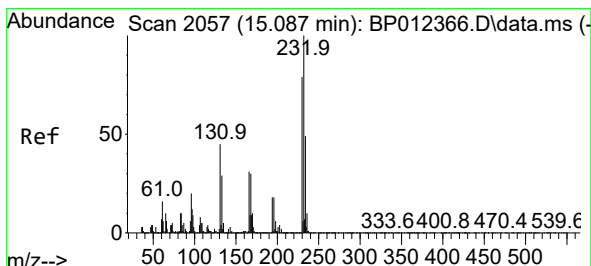
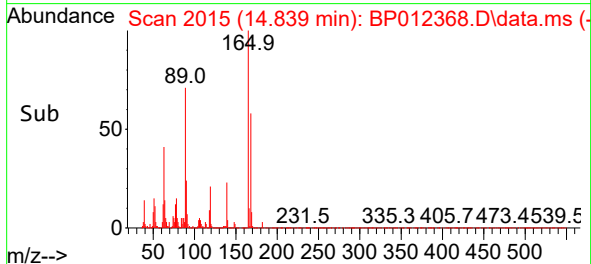
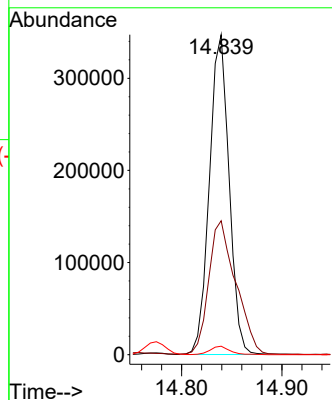
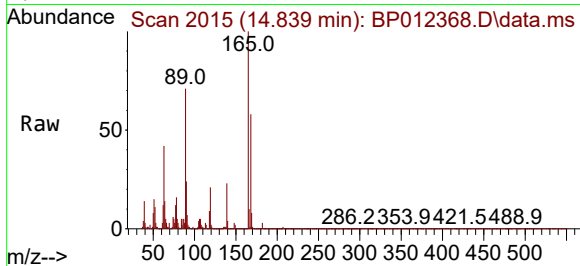




#57
2,4-Dinitrotoluene
Concen: 40.742 ng/ul
RT: 14.839 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

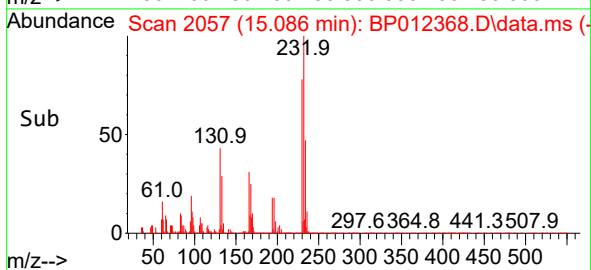
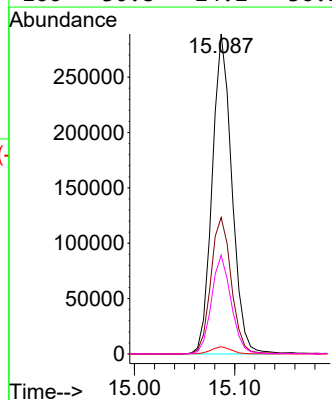
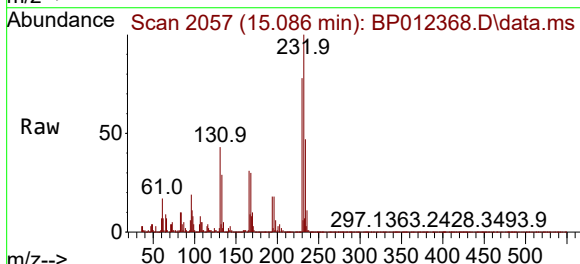
Instrument :
BNA_P
ClientSampleId :

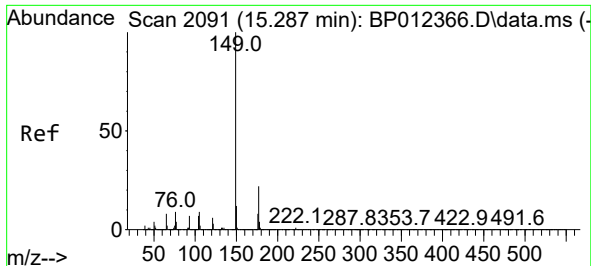
Tgt Ion:165 Resp: 474169
Ion Ratio Lower Upper
165 100
63 41.9 33.1 49.7
182 2.6 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.202 ng/ul
RT: 15.086 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:232 Resp: 394785
Ion Ratio Lower Upper
232 100
131 42.6 33.6 50.4
130 2.3 1.8 2.6
166 30.8 24.2 36.2

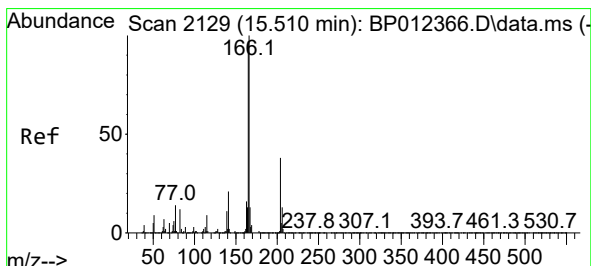
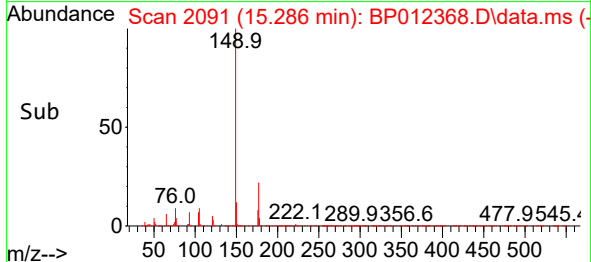
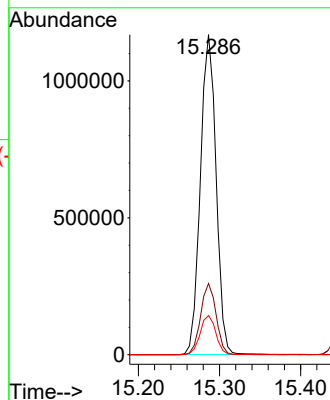
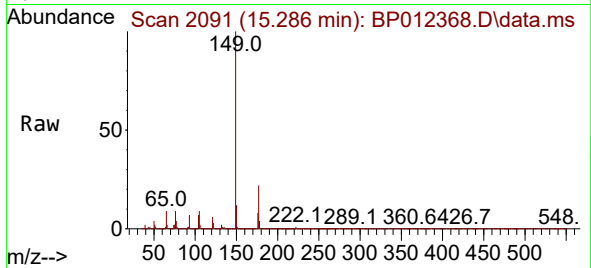




#59
Diethylphthalate
Concen: 34.687 ng/ul
RT: 15.286 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

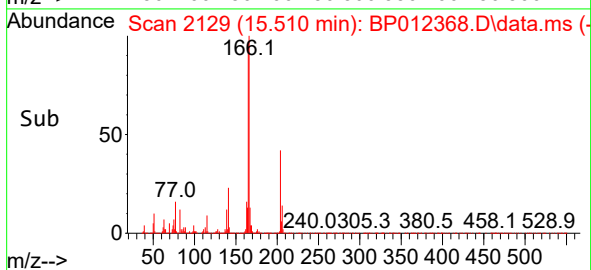
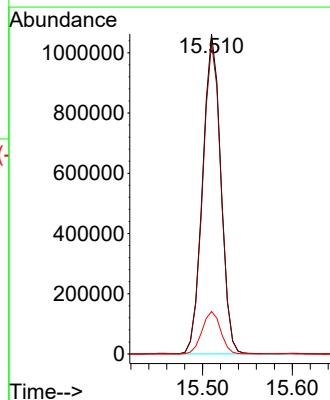
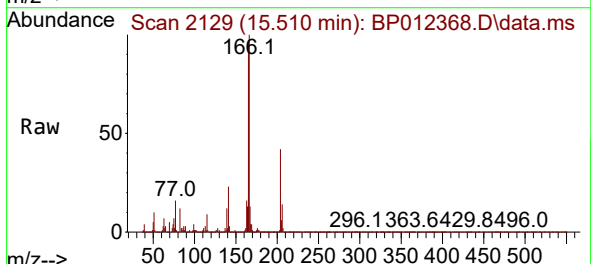
Instrument :
BNA_P
ClientSampleId :

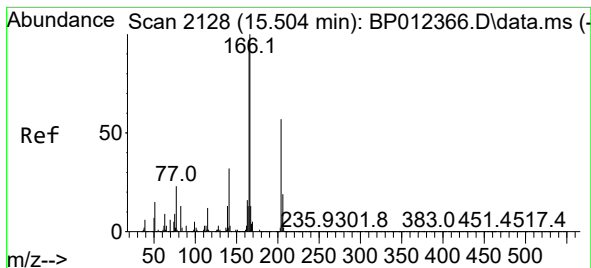
Tgt Ion:149 Resp: 1570689
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.2
150 12.3 9.8 14.6



#61
Fluorene
Concen: 34.590 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:166 Resp: 1492642
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.8
167 13.3 10.6 15.8

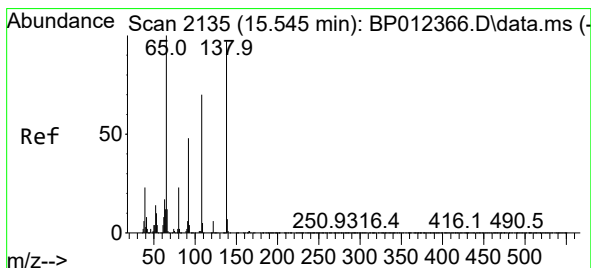
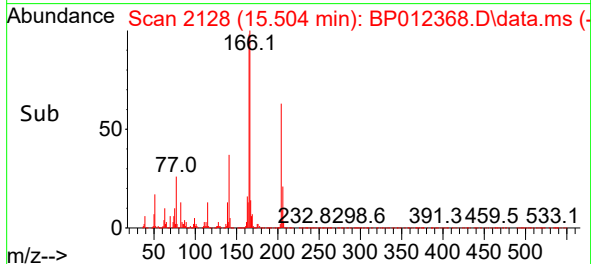
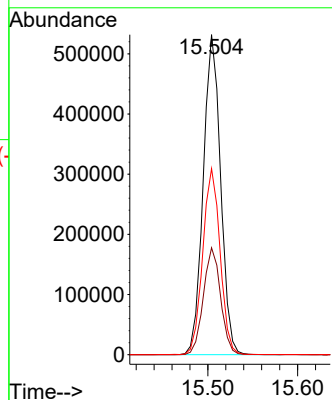
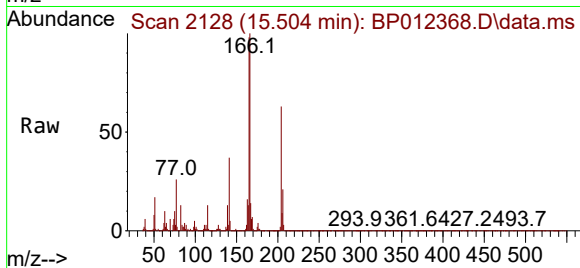




#62
4-Chlorophenyl-phenylether
Concen: 33.698 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

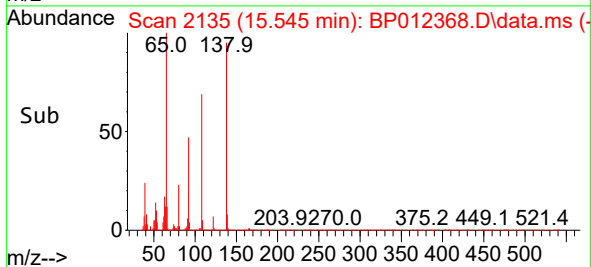
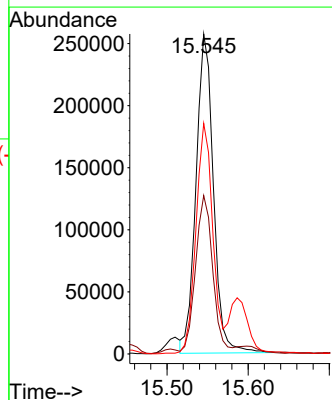
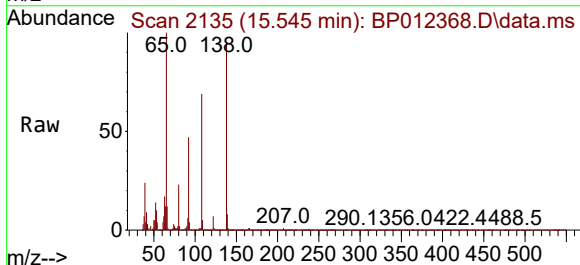
Instrument :
BNA_P
ClientSampleId :

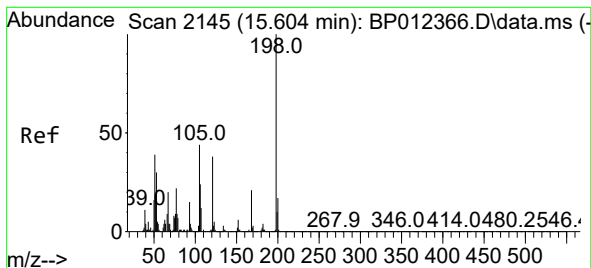
Tgt Ion:204 Resp: 713264
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 58.2 47.3 70.9



#63
4-Nitroaniline
Concen: 44.869 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:138 Resp: 383534
Ion Ratio Lower Upper
138 100
92 49.5 40.6 61.0
108 72.0 56.6 85.0

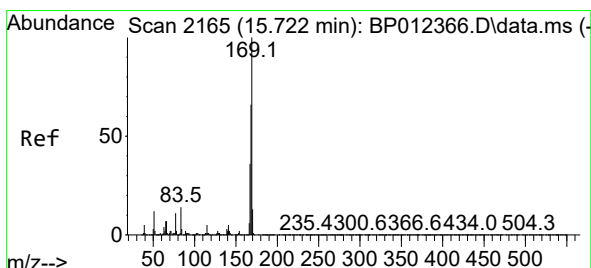
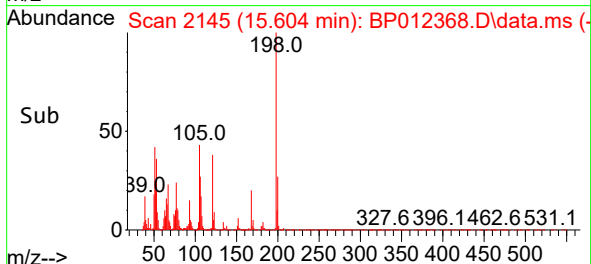
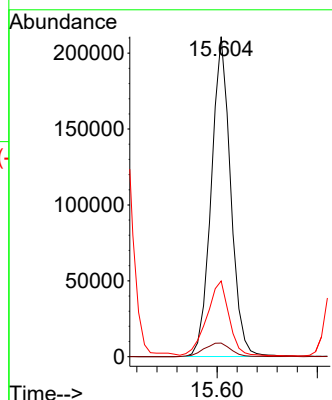
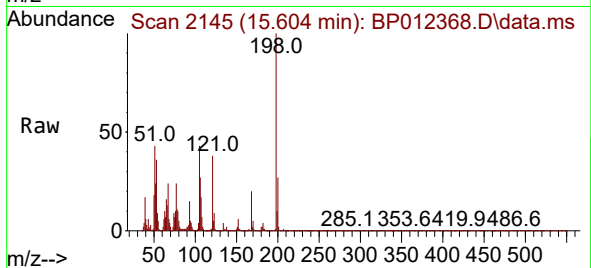




#66
4,6-Dinitro-2-methylphenol
Concen: 34.622 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

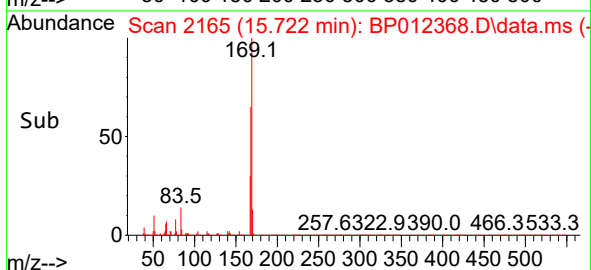
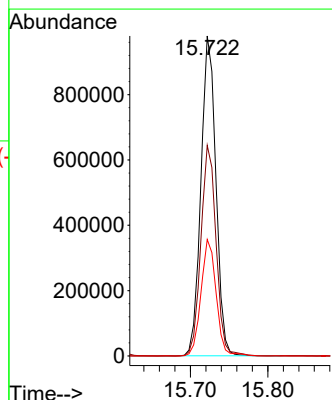
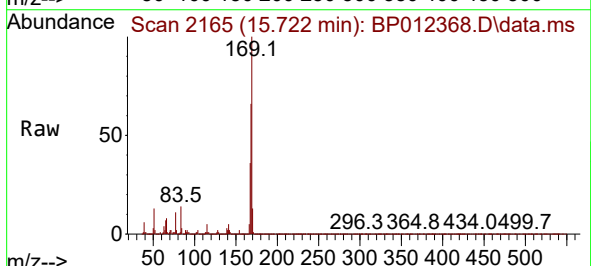
Instrument :
BNA_P
ClientSampleId :

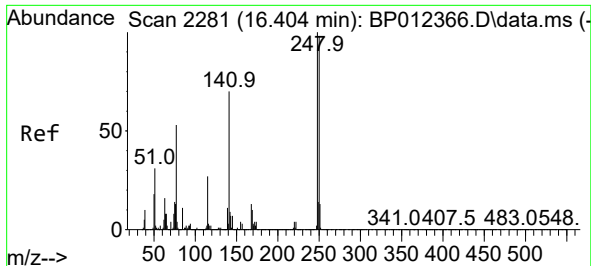
Tgt Ion:198 Resp: 282664
Ion Ratio Lower Upper
198 100
182 4.3 3.8 5.6
77 23.7 19.5 29.3



#67
N-Nitrosodiphenylamine
Concen: 31.665 ng/ul
RT: 15.722 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:169 Resp: 1312548
Ion Ratio Lower Upper
169 100
168 65.8 52.9 79.3
167 36.4 29.1 43.7

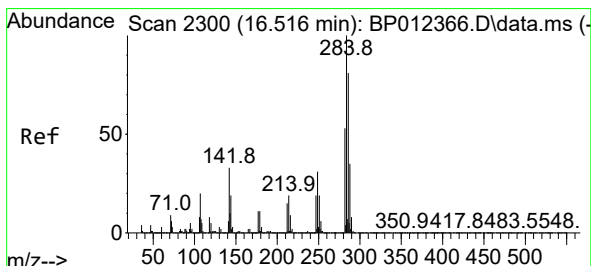
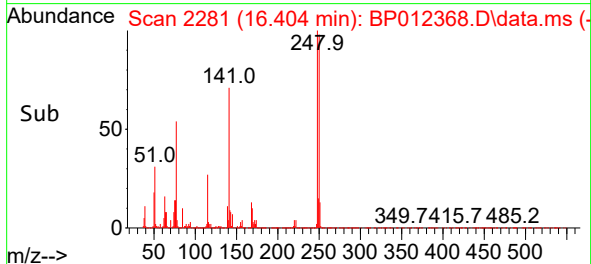
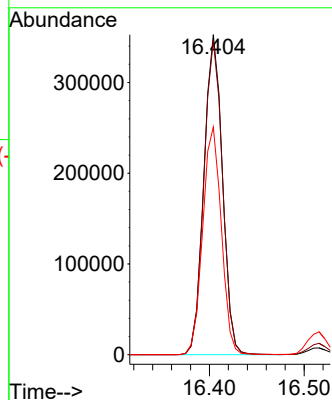
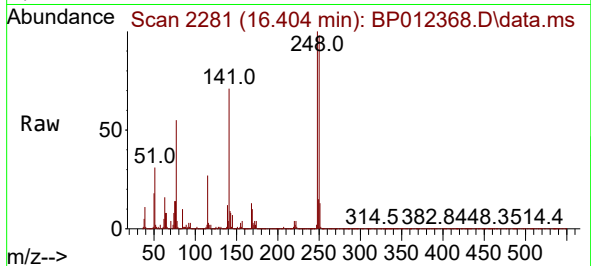




#68
4-Bromophenyl-phenylether
Concen: 32.357 ng/ul
RT: 16.404 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

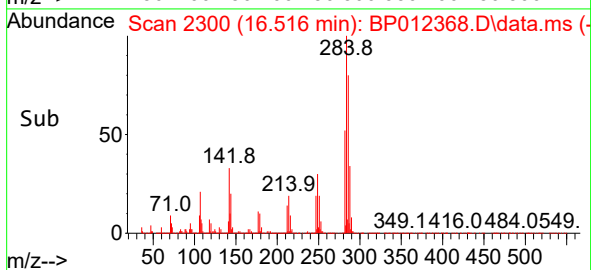
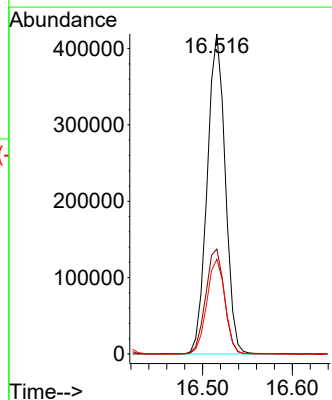
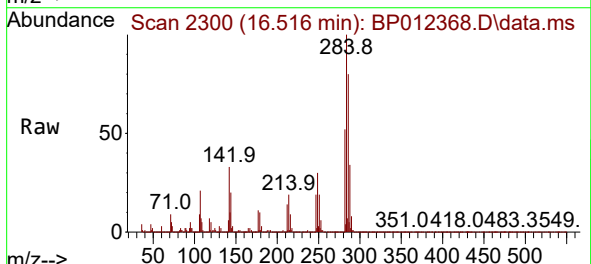
Instrument :
BNA_P
ClientSampleId :

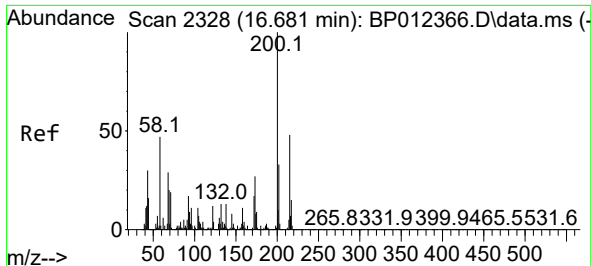
Tgt Ion:248 Resp: 478338
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.2
141 71.1 56.2 84.2



#69
Hexachlorobenzene
Concen: 33.040 ng/ul
RT: 16.516 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:284 Resp: 585802
Ion Ratio Lower Upper
284 100
142 32.8 27.1 40.7
249 29.6 24.5 36.7

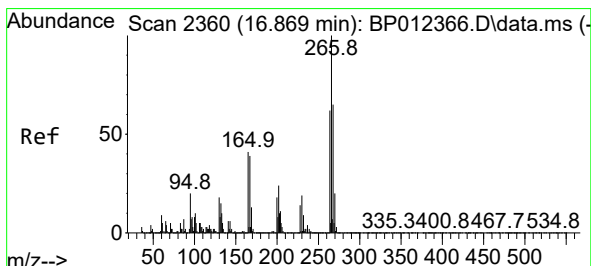
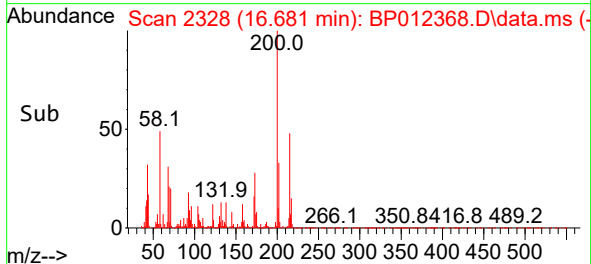
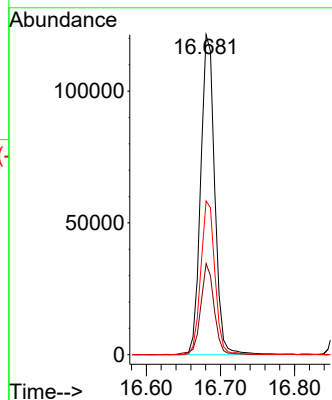
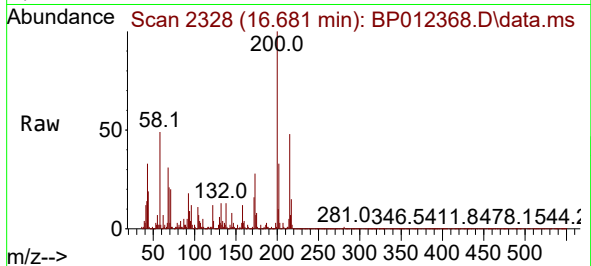




#70
Atrazine
Concen: 11.105 ng/ul
RT: 16.681 min Scan# 2328
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

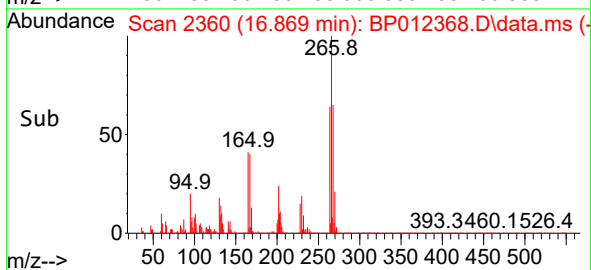
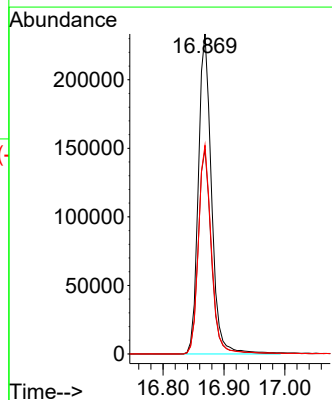
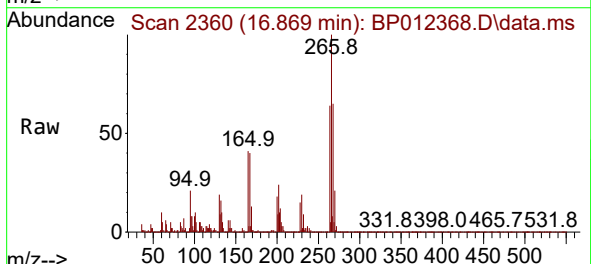
Instrument :
BNA_P
ClientSampleId :

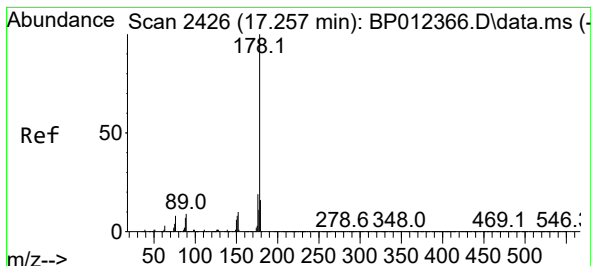
Tgt Ion:200 Resp: 159467
Ion Ratio Lower Upper
200 100
173 28.4 21.8 32.6
215 48.1 39.0 58.6



#71
Pentachlorophenol
Concen: 32.157 ng/ul
RT: 16.869 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:266 Resp: 350157
Ion Ratio Lower Upper
266 100
264 63.9 50.3 75.5
268 65.2 51.4 77.0





#72

Phenanthrene

Concen: 33.596 ng/ul

RT: 17.263 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

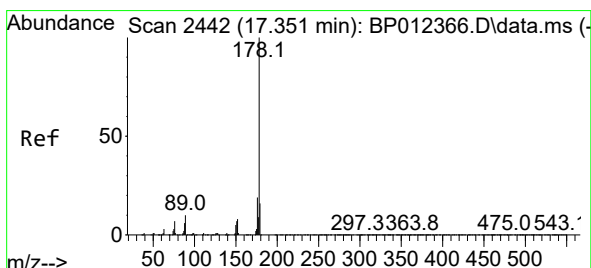
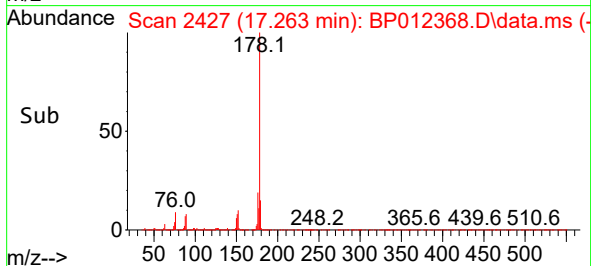
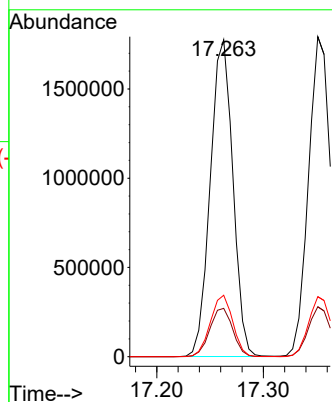
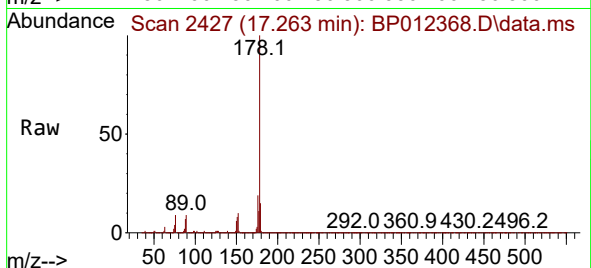
Tgt Ion:178 Resp: 2612134

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

176 19.4 15.8 23.6



#74

Anthracene

Concen: 33.876 ng/ul

RT: 17.351 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

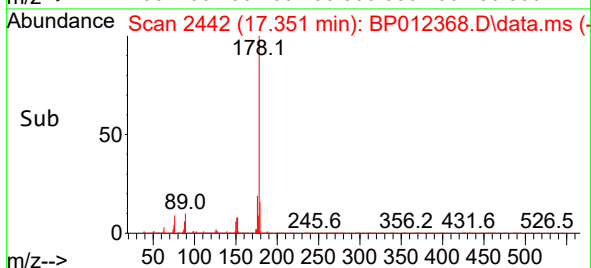
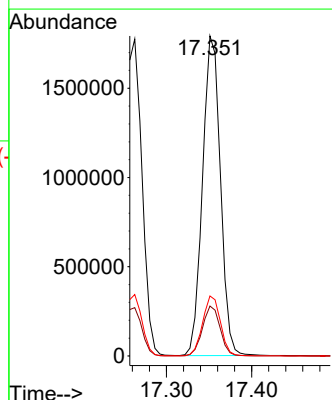
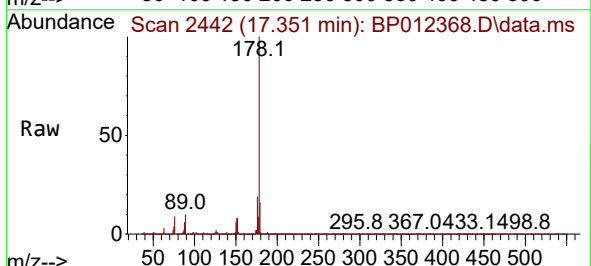
Tgt Ion:178 Resp: 2616634

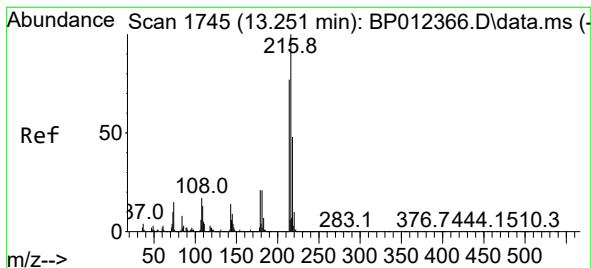
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.8 15.3 22.9

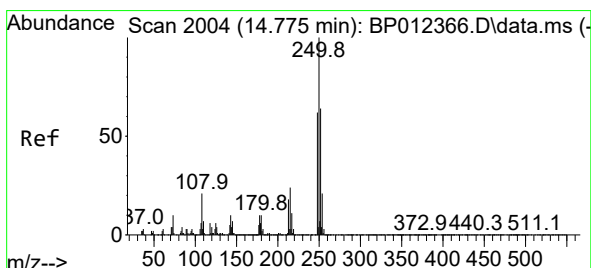
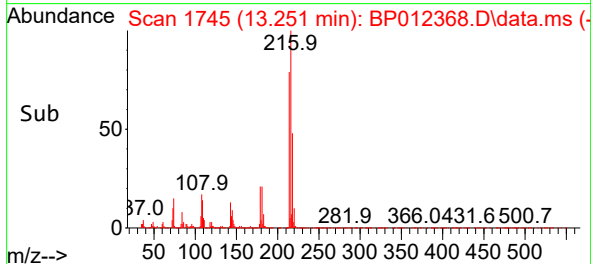
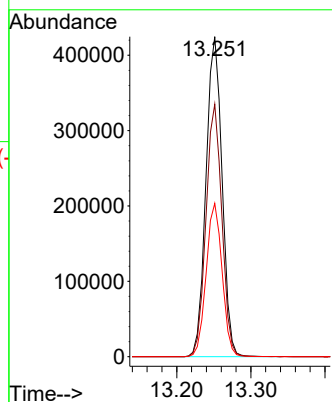
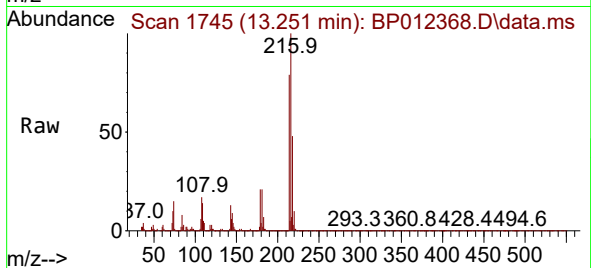




#75
1,2,3,4-Tetrachlorobenzene
Concen: 30.445 ng/uL
RT: 13.251 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

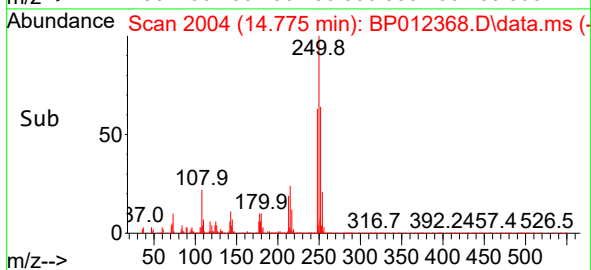
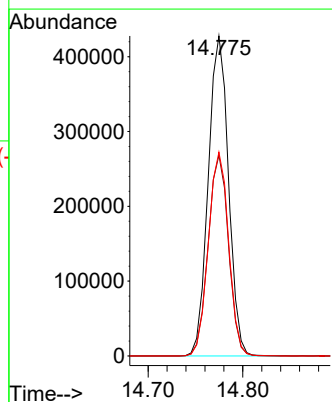
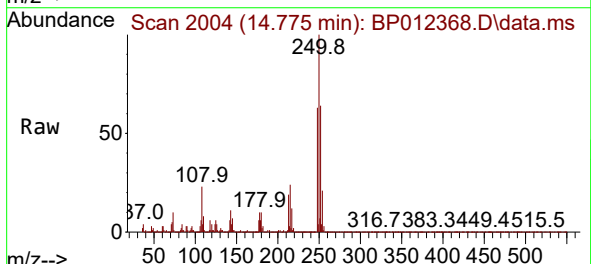
Instrument :
BNA_P
ClientSampleId :

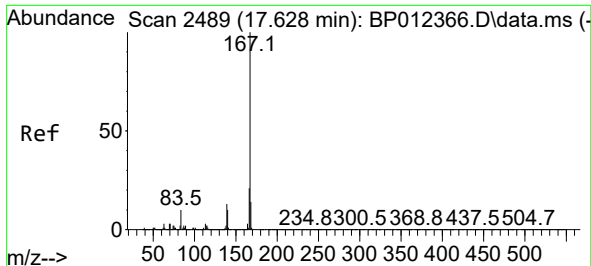
Tgt Ion:216 Resp: 640974
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
218 47.9 38.6 58.0



#76
Pentachlorobenzene
Concen: 28.552 ng/uL
RT: 14.775 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

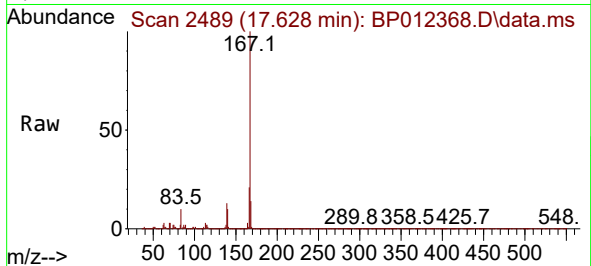
Tgt Ion:250 Resp: 634766
Ion Ratio Lower Upper
250 100
248 62.7 50.6 75.8
252 63.7 50.7 76.1



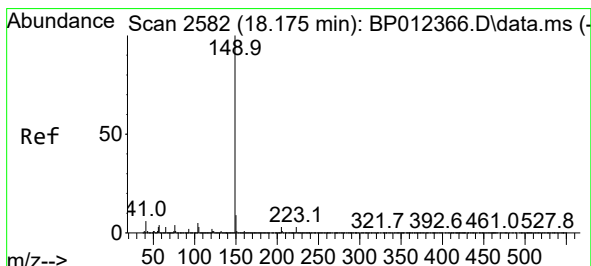
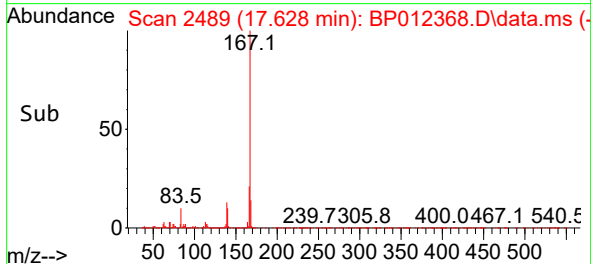
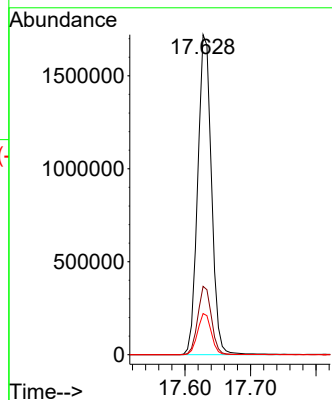


#77
 Carbazole
 Concen: 36.510 ng/ul
 RT: 17.628 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BP012368.D
 Acq: 28 Oct 2022 09:32

Instrument :
 BNA_P
 ClientSampleId :

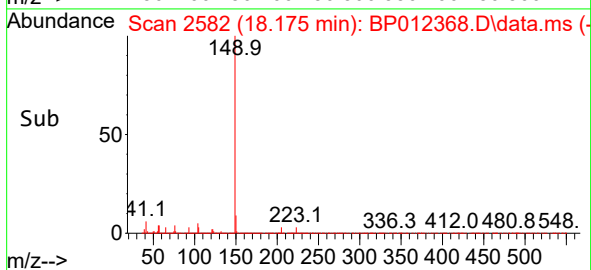
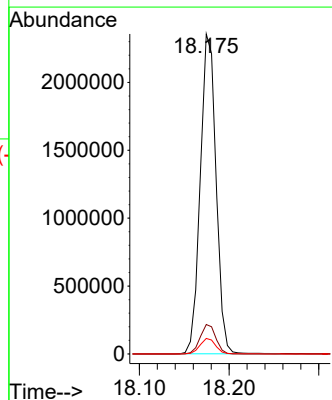
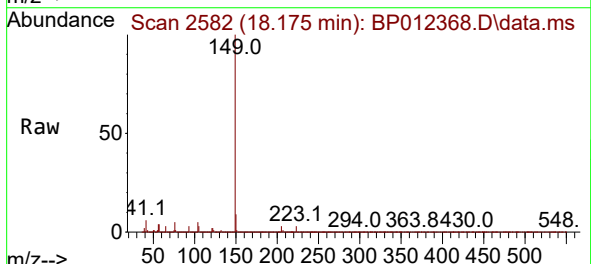


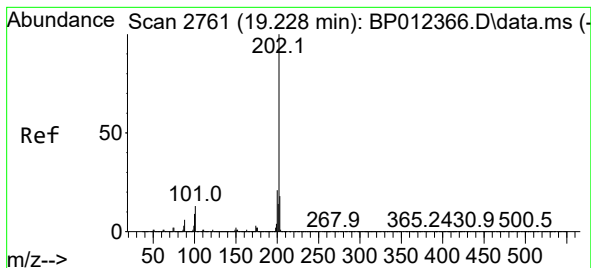
Tgt Ion:167 Resp: 2511706
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.8 10.4 15.6



#78
 Di-n-butylphthalate
 Concen: 35.960 ng/ul
 RT: 18.175 min Scan# 2582
 Delta R.T. -0.000 min
 Lab File: BP012368.D
 Acq: 28 Oct 2022 09:32

Tgt Ion:149 Resp: 2874015
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.8 4.0 6.0





#80

Fluoranthene

Concen: 30.391 ng/ul

RT: 19.233 min Scan# 2761

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

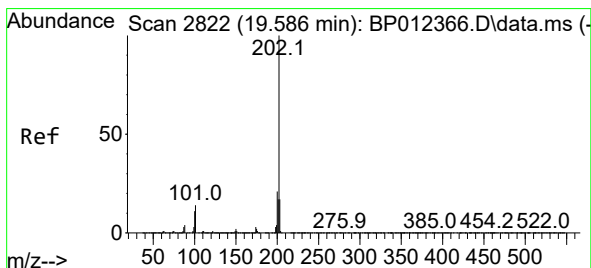
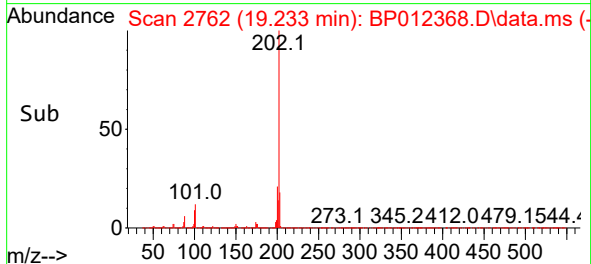
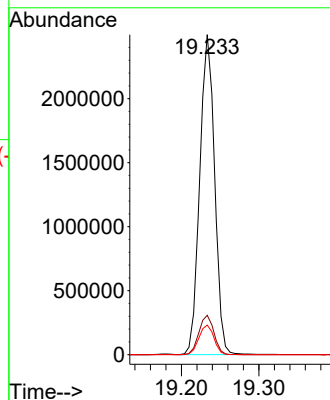
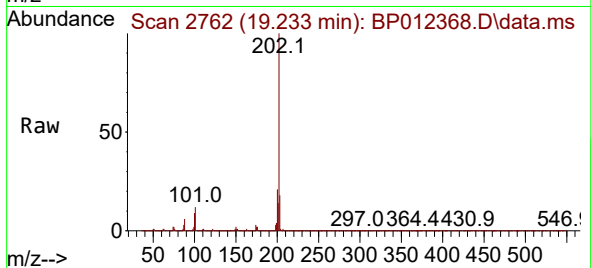
Tgt Ion:202 Resp: 3333925

Ion Ratio Lower Upper

202 100

101 12.3 9.9 14.9

100 9.3 7.4 11.2



#82

Pyrene

Concen: 30.544 ng/ul

RT: 19.586 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

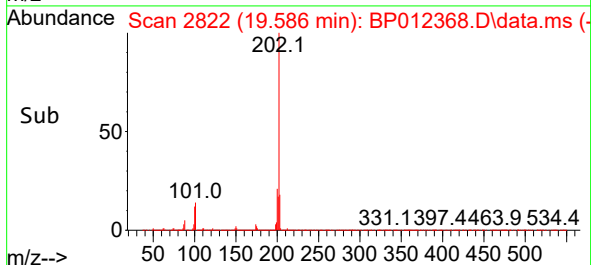
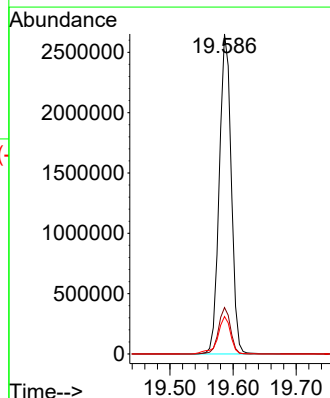
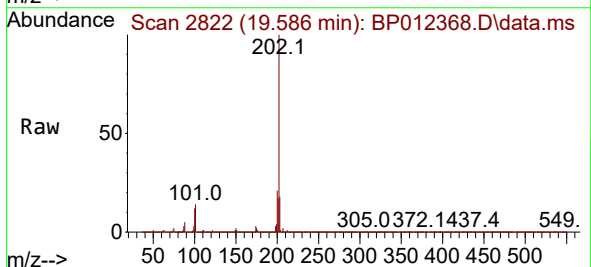
Tgt Ion:202 Resp: 3470595

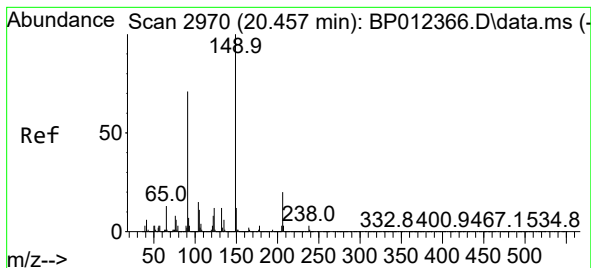
Ion Ratio Lower Upper

202 100

101 14.5 11.8 17.6

100 11.7 9.3 13.9





#83

Butylbenzylphthalate

Concen: 35.158 ng/ul

RT: 20.463 min Scan# 2970

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

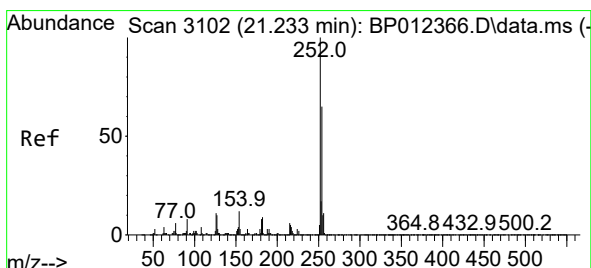
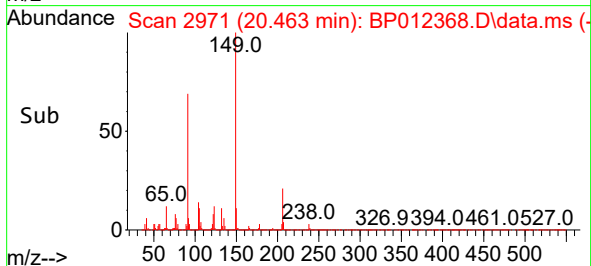
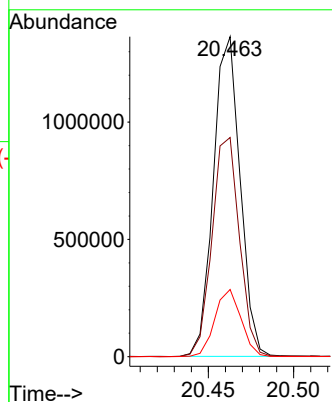
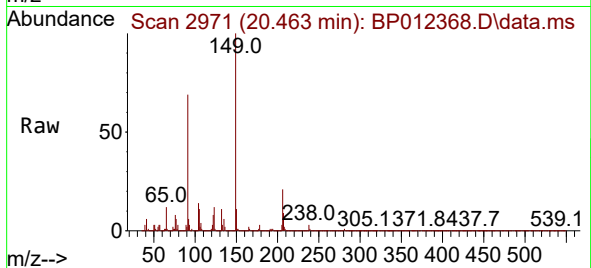
Tgt Ion:149 Resp: 1489378

Ion Ratio Lower Upper

149 100

91 68.5 56.9 85.3

206 21.0 16.2 24.4



#84

3,3'-Dichlorobenzidine

Concen: 31.891 ng/ul

RT: 21.233 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

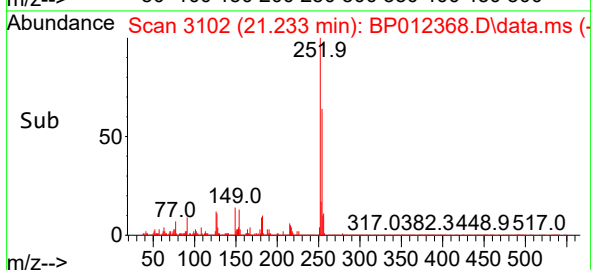
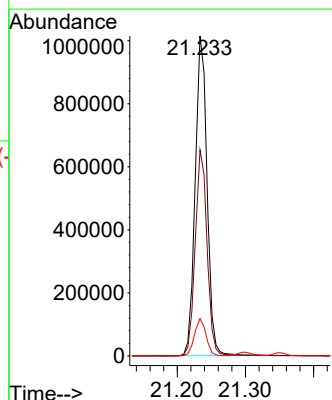
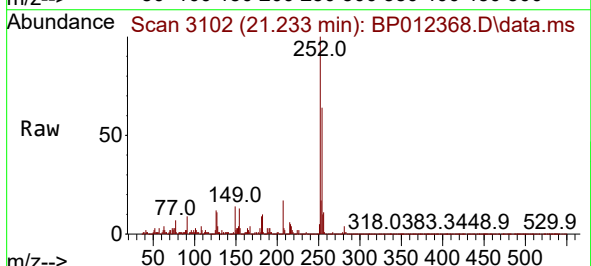
Tgt Ion:252 Resp: 1225948

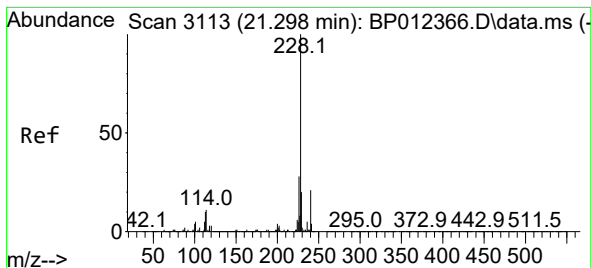
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 11.7 9.0 13.4





#85

Benzo(a)anthracene

Concen: 33.172 ng/ul

RT: 21.298 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

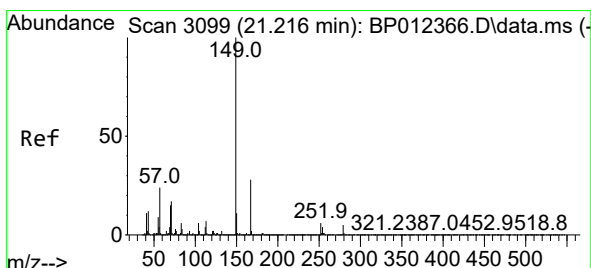
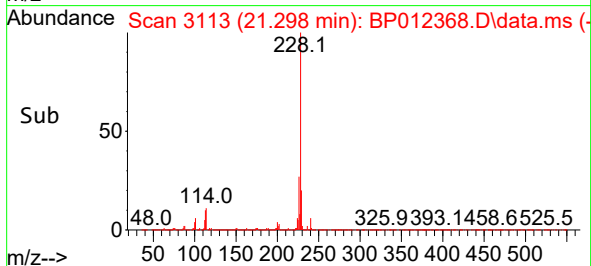
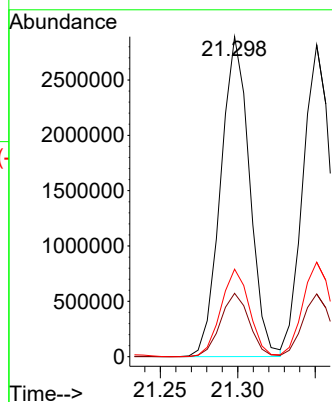
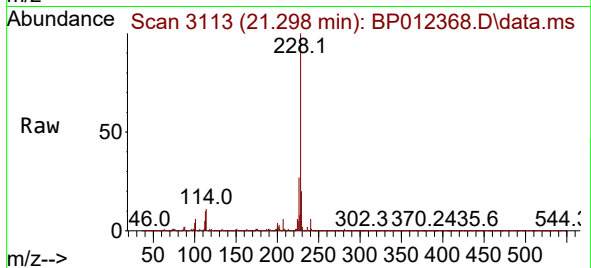
Tgt Ion:228 Resp: 3745246

Ion Ratio Lower Upper

228 100

229 19.8 16.2 24.2

226 27.4 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.753 ng/ul

RT: 21.216 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

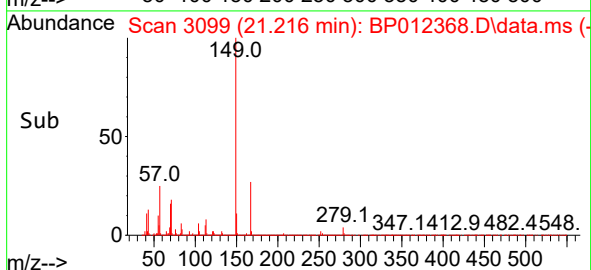
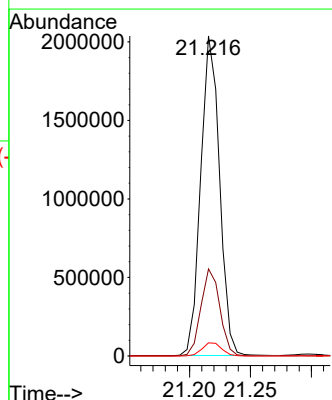
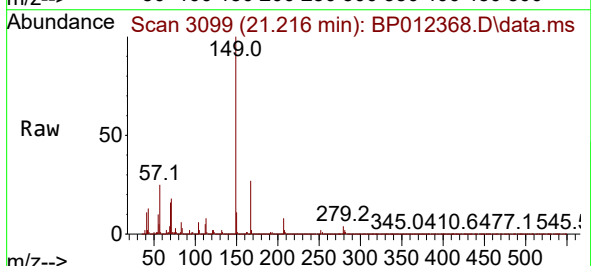
Tgt Ion:149 Resp: 2186402

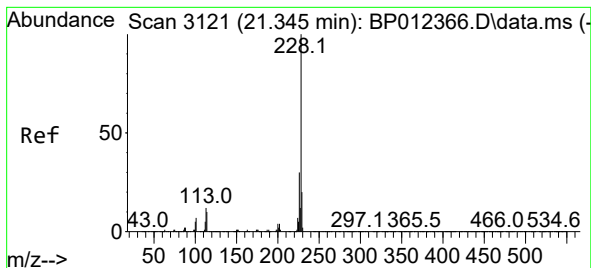
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 4.1 3.7 5.5





#87

Chrysene

Concen: 33.596 ng/ul

RT: 21.351 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

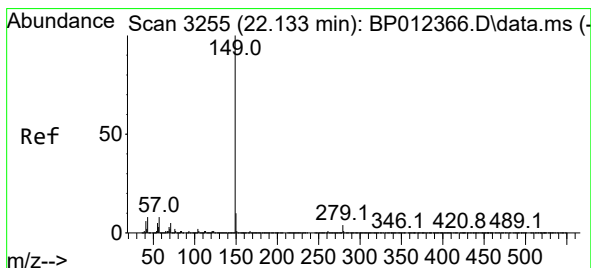
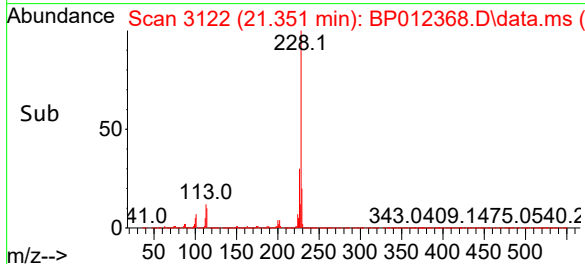
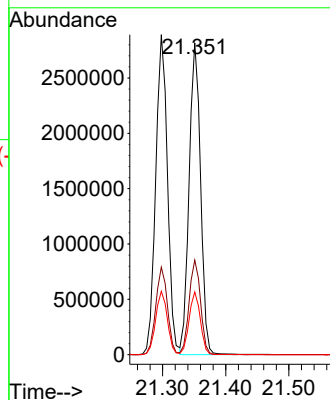
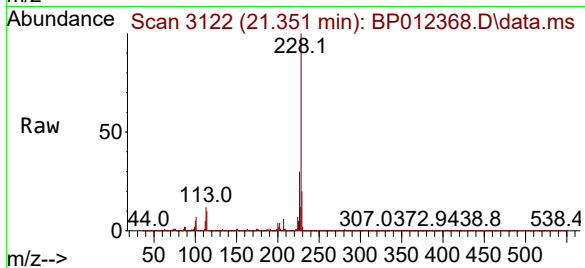
Tgt Ion:228 Resp: 3545951

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 36.196 ng/ul

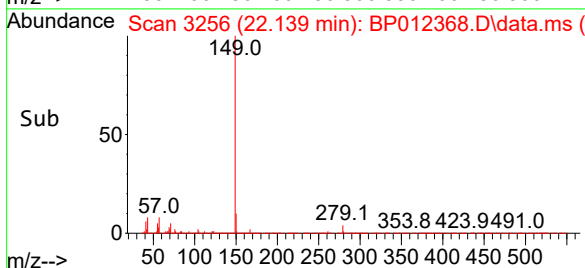
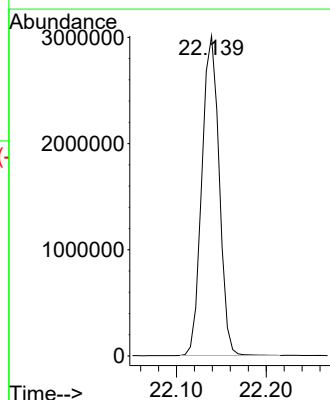
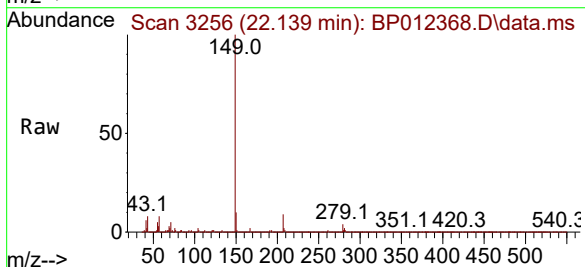
RT: 22.139 min Scan# 3256

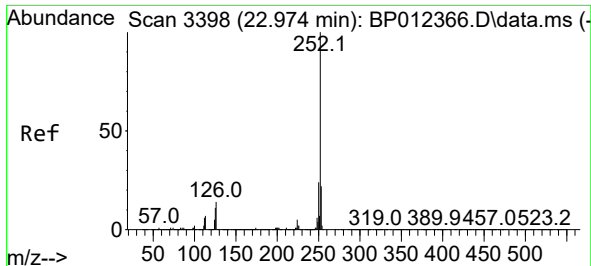
Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Tgt Ion:149 Resp: 4027538

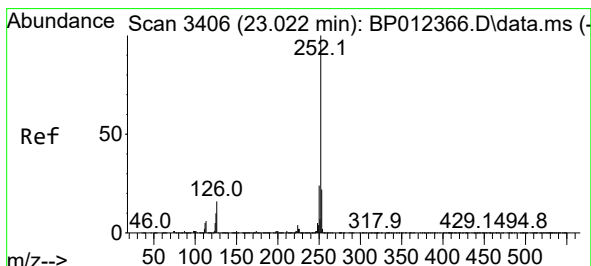
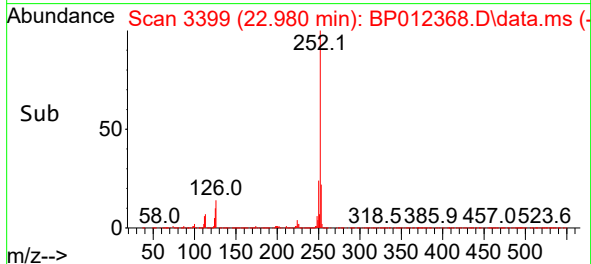
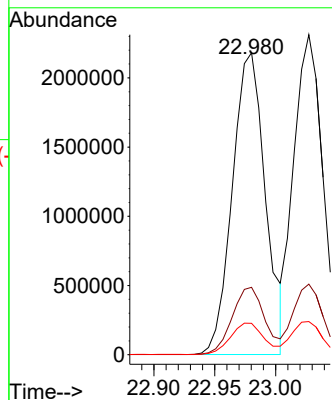
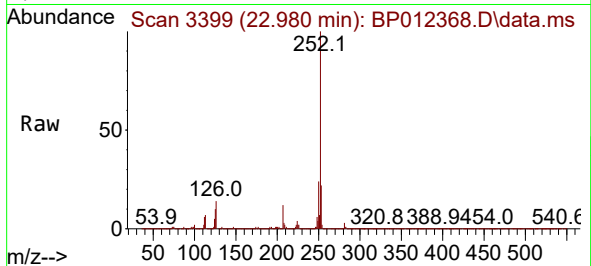




#90
Benzo(b)fluoranthene
Concen: 34.822 ng/ul
RT: 22.980 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

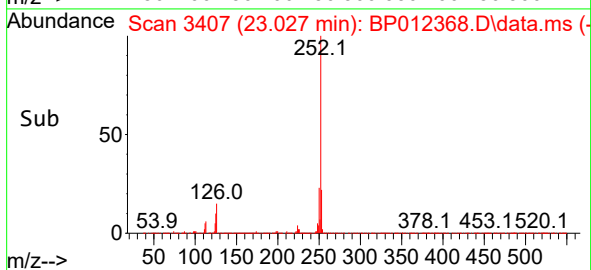
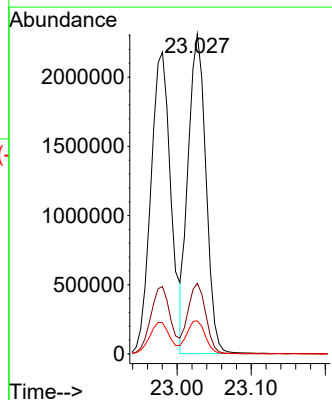
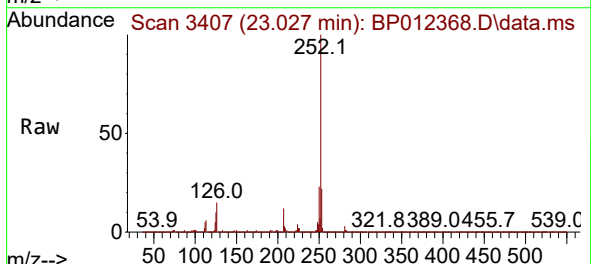
Instrument :
BNA_P
ClientSampleId :

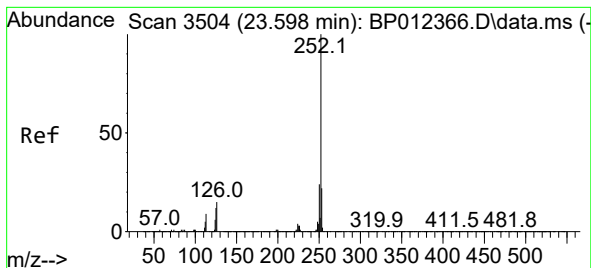
Tgt Ion:252 Resp: 4113447
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.4 8.7 13.1



#91
Benzo(k)fluoranthene
Concen: 34.227 ng/ul
RT: 23.027 min Scan# 3407
Delta R.T. 0.006 min
Lab File: BP012368.D
Acq: 28 Oct 2022 09:32

Tgt Ion:252 Resp: 3853192
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.4 8.7 13.1





#93

Benzo(a)pyrene

Concen: 33.867 ng/ul

RT: 23.604 min Scan# 3

Delta R.T. 0.006 min

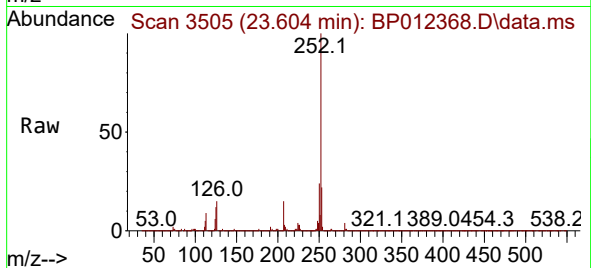
Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :



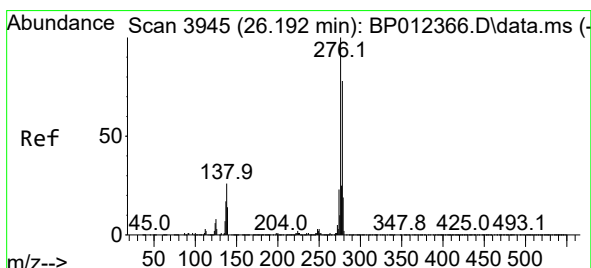
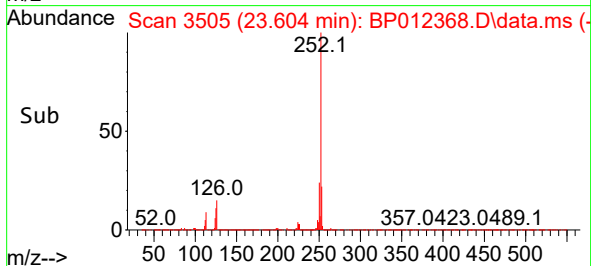
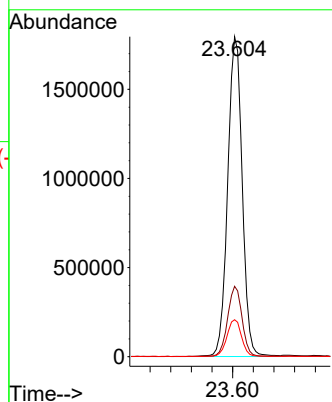
Tgt Ion:252 Resp: 3493562

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 11.6 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.616 ng/ul

RT: 26.204 min Scan# 3947

Delta R.T. 0.012 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

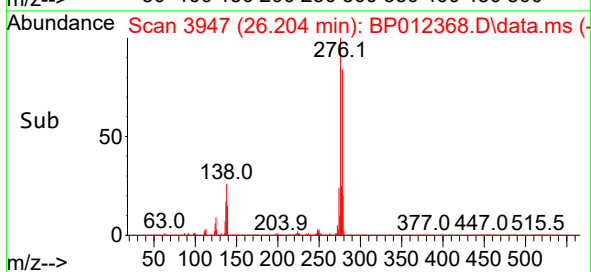
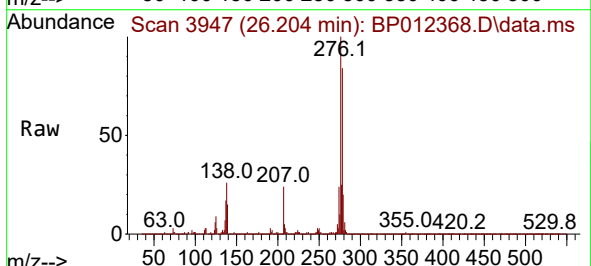
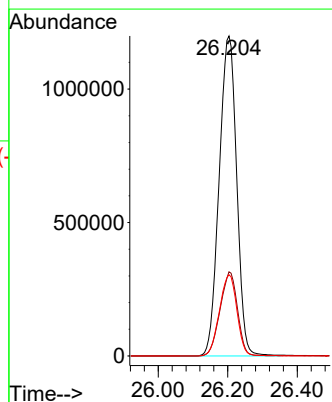
Tgt Ion:276 Resp: 4192480

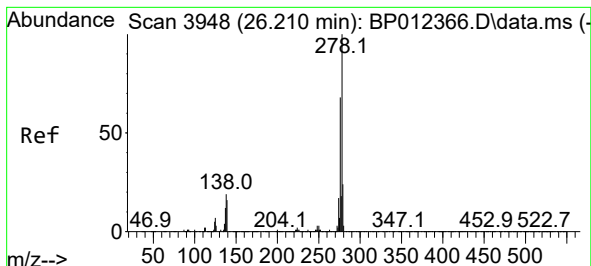
Ion Ratio Lower Upper

276 100

138 26.3 20.7 31.1

277 25.4 20.2 30.4





#95

Dibenzo(a,h)anthracene

Concen: 31.569 ng/ul

RT: 26.215 min Scan# 3948

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Instrument :

BNA_P

ClientSampleId :

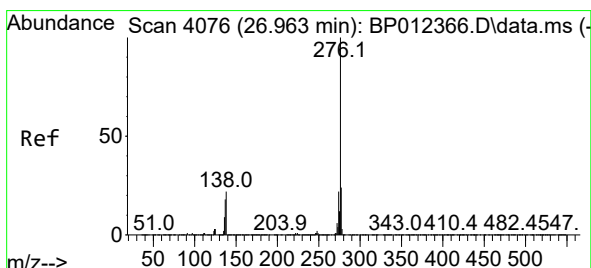
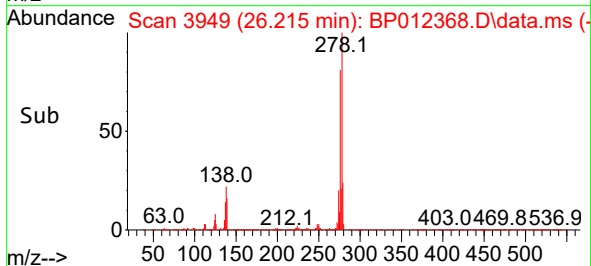
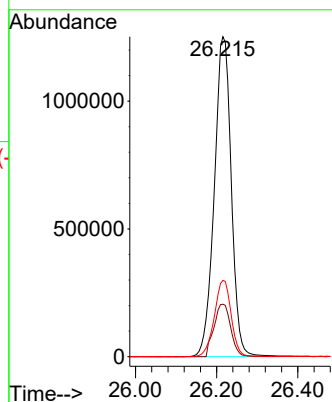
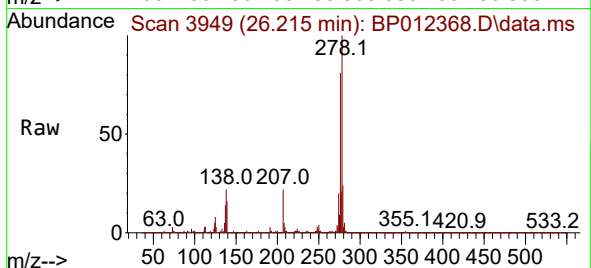
Tgt Ion:278 Resp: 3633489

Ion Ratio Lower Upper

278 100

139 16.4 13.2 19.8

279 23.9 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 30.650 ng/ul

RT: 26.968 min Scan# 4077

Delta R.T. 0.006 min

Lab File: BP012368.D

Acq: 28 Oct 2022 09:32

Tgt Ion:276 Resp: 3482730

Ion Ratio Lower Upper

276 100

138 22.3 17.8 26.8

277 24.5 19.5 29.3

