

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013308.D
 Acq On : 24 Dec 2022 19:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 00:24:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	605658	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2512907	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	1421441	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2382986	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2214739	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	2603899	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	102673	7.248	ng/uL	0.00
4) Pyridine-d5	3.758	84	793931	19.730	ng/ul	0.00
7) Phenol-d5	7.105	99	976628	19.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	598927	20.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	786855	20.262	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	774021	19.149	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	385693	20.890	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	433853	20.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	816099	20.214	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	957467	16.799	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	2073249	18.978	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2387047	19.885	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	273697	13.928	ng/ul	0.00
60) Fluorene-d10	15.581	176	1648476	17.837	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	228196	14.881	ng/ul	0.00
73) Anthracene-d10	17.439	188	2121658	19.735	ng/ul	0.00
81) Pyrene-d10	19.675	212	2295640	18.058	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2527284	19.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	107264	7.254	ng/uL#	93
5) Pyridine	3.775	79	798077	19.956	ng/ul	93
6) Benzaldehyde	7.075	77	383572	19.857	ng/ul	95
8) Phenol	7.128	94	1001072	20.070	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.358	93	790427	19.307	ng/ul	96
12) 2-Chlorophenol	7.505	128	797706	20.031	ng/ul	96
13) 2-Methylphenol	8.387	108	760093	19.546	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1185957	21.111	ng/ul	97
16) Acetophenone	8.769	105	1211520	19.547	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.752	70	615764	19.757	ng/ul	94
18) 4-Methylphenol	8.716	108	829130	19.250	ng/ul	96
19) Hexachloroethane	9.022	117	311482	19.572	ng/ul	97
22) Nitrobenzene	9.152	77	926116	21.376	ng/ul	97
23) Isophorone	9.681	82	1681067	19.189	ng/ul	98
25) 2-Nitrophenol	9.863	139	455175	20.210	ng/ul	91
26) 2,4-Dimethylphenol	9.922	107	885316	20.147	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.157	93	1065828	19.027	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	799819	20.224	ng/ul	99
30) Naphthalene	10.804	128	2585957	19.677	ng/ul	100
32) 4-Chloroaniline	10.916	127	968081	17.164	ng/ul	99
33) Hexachlorobutadiene	11.087	225	565136	20.812	ng/ul	99
34) Caprolactam	11.704	113	204068	15.133	ng/ul	93
35) 4-Chloro-3-methylphenol	12.040	107	742470	18.396	ng/ul	99
36) 2-Methylnaphthalene	12.410	142	1691330	18.759	ng/ul	99

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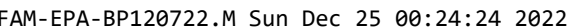
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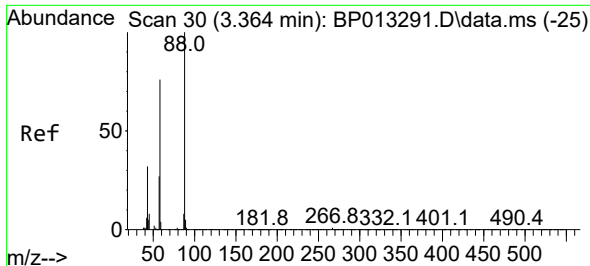
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1716302	18.511	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	1027796	22.455	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	226779	7.614	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	624712	21.238	ng/ul	98
42) 2,4,5-Trichlorophenol	13.093	196	650398	20.585	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	2229202	20.881	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1758184	20.926	ng/ul	99
45) 2-Nitroaniline	13.669	65	445798	21.884	ng/ul	93
47) Dimethylphthalate	14.040	163	2075195	19.166	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	394357	19.598	ng/ul	99
50) Acenaphthylene	14.304	152	2566321	19.886	ng/ul	100
51) 3-Nitroaniline	14.493	138	334809	17.621	ng/ul	98
52) Acenaphthene	14.651	153	1734819	19.398	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	132086	9.603	ng/ul	96
55) 4-Nitrophenol	14.804	109	205803	15.349	ng/ul	94
56) Dibenzofuran	14.981	168	2390074	18.797	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	506908	17.343	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	496845	17.231	ng/ul	99
59) Diethylphthalate	15.398	149	1877760	17.840	ng/ul	99
61) Fluorene	15.634	166	1856838	18.209	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	1028340	19.069	ng/ul	99
63) 4-Nitroaniline	15.657	138	272822	16.318	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.716	198	227939	15.210	ng/ul	97
67) N-Nitrosodiphenylamine	15.839	169	1529434	23.150	ng/ul	100
68) 4-Bromophenyl-phenylether	16.522	248	584316	22.579	ng/ul	98
69) Hexachlorobenzene	16.639	284	643835	20.953	ng/ul	97
70) Atrazine	16.798	200	517067	20.084	ng/ul	100
71) Pentachlorophenol	16.992	266	332395	17.862	ng/ul	98
72) Phenanthrene	17.386	178	2446178	19.708	ng/ul	99
74) Anthracene	17.475	178	2473626	19.959	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	985637	28.990	ng/uL	99
76) Pentachlorobenzene	14.904	250	888496	25.632	ng/uL	99
77) Carbazole	17.751	167	2037420	19.521	ng/ul	100
78) Di-n-butylphthalate	18.286	149	2450221	19.281	ng/ul	99
80) Fluoranthene	19.351	202	2649159	18.360	ng/ul	98
82) Pyrene	19.704	202	2783126	18.699	ng/ul	99
83) Butylbenzylphthalate	20.569	149	961786	16.727	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	868578	17.360	ng/ul	99
85) Benzo(a)anthracene	21.416	228	2920017	19.861	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1373537	16.934	ng/ul	99
87) Chrysene	21.474	228	2744806	19.741	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2494473	17.100	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	3194614	19.240	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	2996006	18.196	ng/ul	100
93) Benzo(a)pyrene	23.804	252	2798696	19.358	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.510	276	3765119	20.907	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	3139568	21.056	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	3065162	21.201	ng/ul	97

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

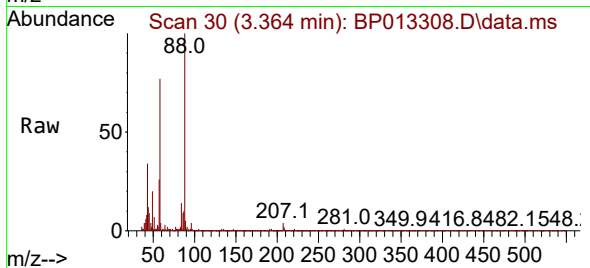
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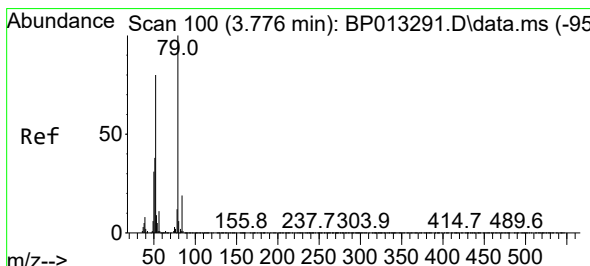
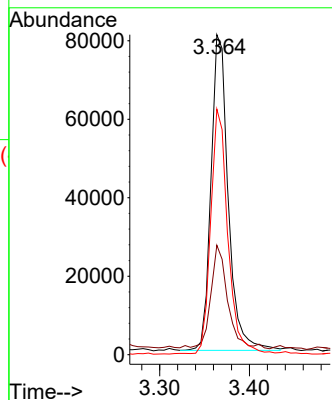
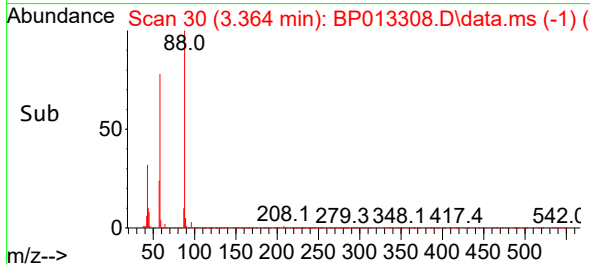


#2
 1,4-Dioxane
 Concen: 7.254 ng/uL
 RT: 3.364 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BP013308.D
 Acq: 24 Dec 2022 19:46

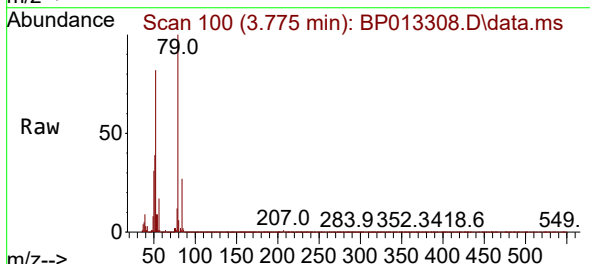
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 BNA_P
 ClientSampleId :



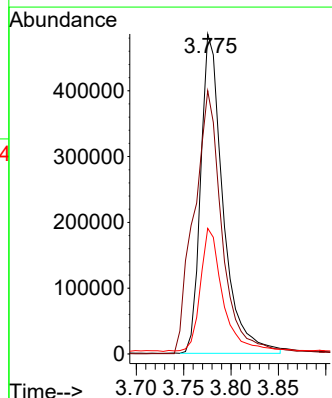
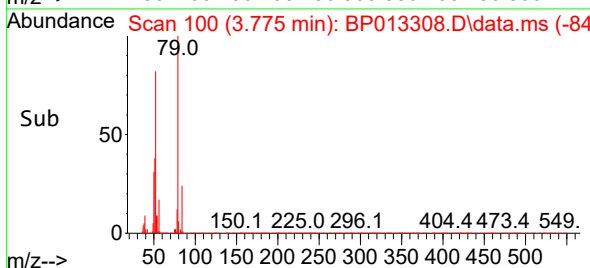
Tgt Ion: 88 Resp: 107264
 Ion Ratio Lower Upper
 88 100
 43 34.2 22.4 33.6#
 58 76.8 58.2 87.4

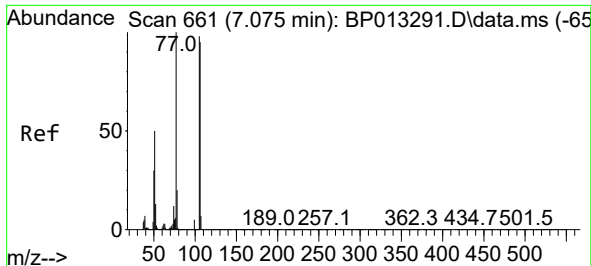


#5
 Pyridine
 Concen: 19.956 ng/uL
 RT: 3.775 min Scan# 100
 Delta R.T. -0.006 min
 Lab File: BP013308.D
 Acq: 24 Dec 2022 19:46



Tgt Ion: 79 Resp: 798077
 Ion Ratio Lower Upper
 79 100
 52 82.2 60.7 91.1
 51 39.3 28.9 43.3

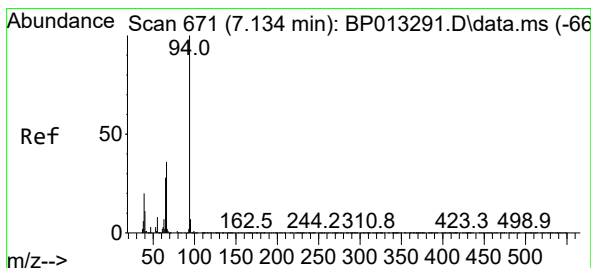
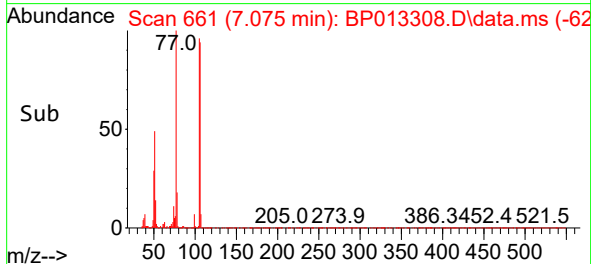
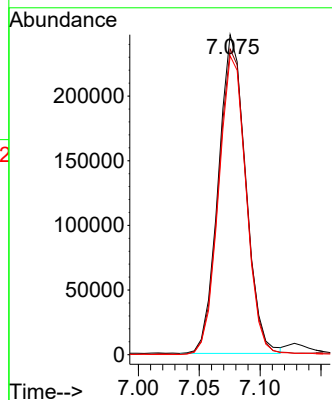
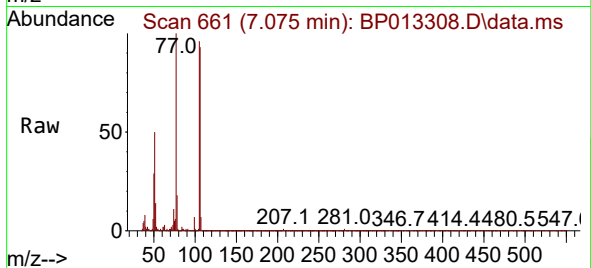




#6
Benzaldehyde
Concen: 19.857 ng/ul
RT: 7.075 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

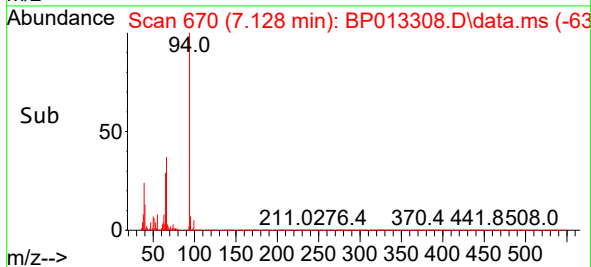
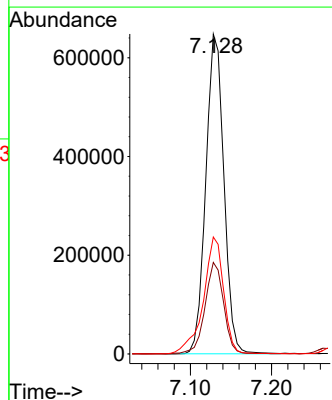
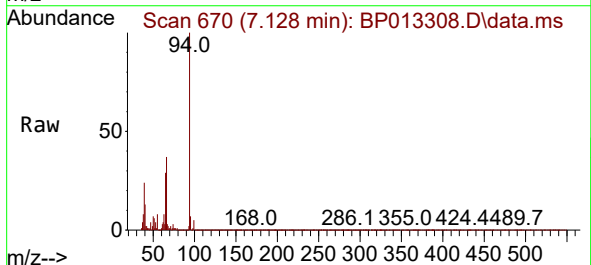
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ClientSampleId :

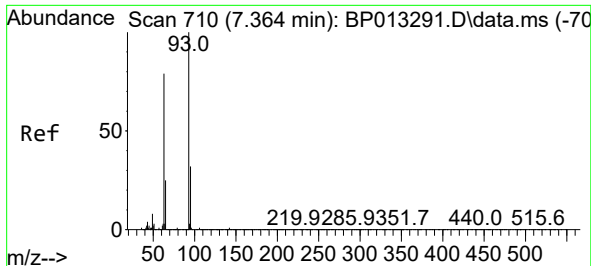
Tgt Ion: 77 Resp: 383572
Ion Ratio Lower Upper
77 100
105 95.5 81.5 122.3
106 93.4 76.9 115.3



#8
Phenol
Concen: 20.070 ng/ul
RT: 7.128 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion: 94 Resp: 1001072
Ion Ratio Lower Upper
94 100
65 28.6 21.1 31.7
66 36.6 27.0 40.6

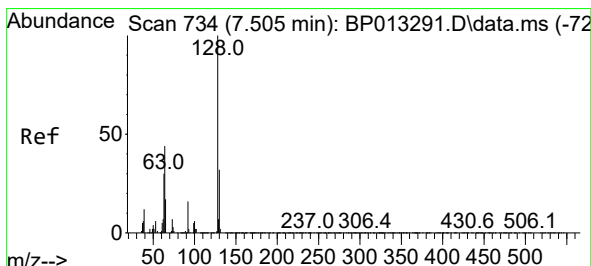
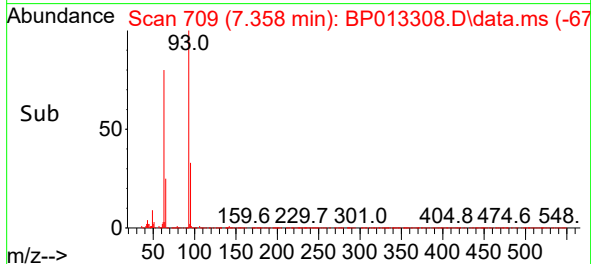
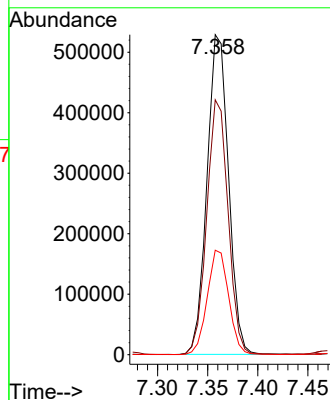
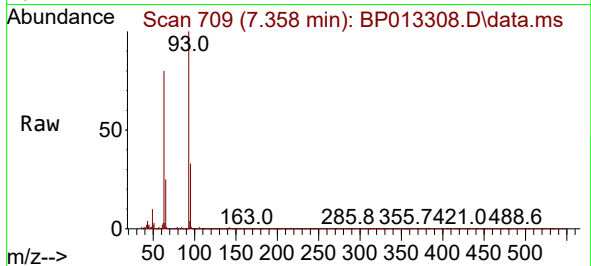




#10
 Bis(2-Chloroethyl)ether
 Concen: 19.307 ng/ul
 RT: 7.358 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: BP013308.D
 Acq: 24 Dec 2022 19:46

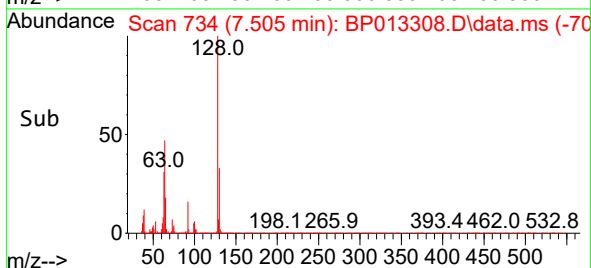
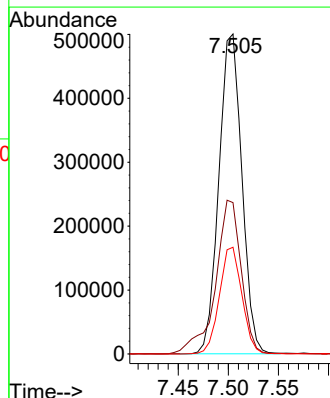
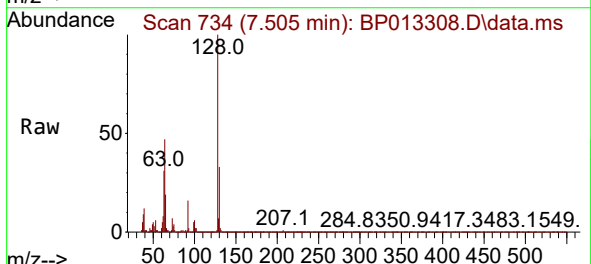
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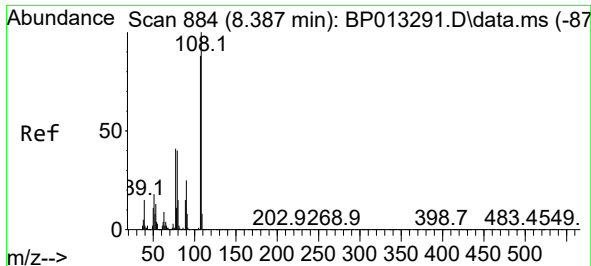
Tgt Ion: 93 Resp: 790427
 Ion Ratio Lower Upper
 93 100
 63 79.6 59.8 89.8
 95 32.7 26.4 39.6



#12
 2-Chlorophenol
 Concen: 20.031 ng/ul
 RT: 7.505 min Scan# 734
 Delta R.T. 0.000 min
 Lab File: BP013308.D
 Acq: 24 Dec 2022 19:46

Tgt Ion:128 Resp: 797706
 Ion Ratio Lower Upper
 128 100
 64 47.3 34.9 52.3
 130 33.4 25.8 38.6





#13

2-Methylphenol

Concen: 19.546 ng/ul

RT: 8.387 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

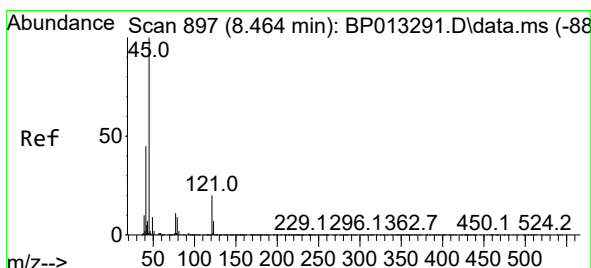
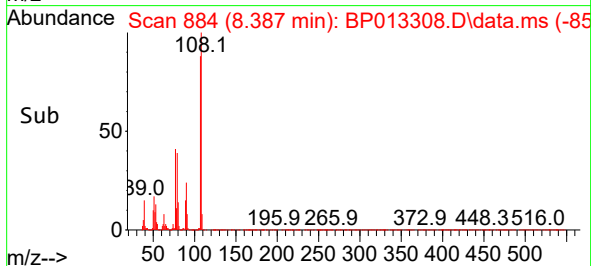
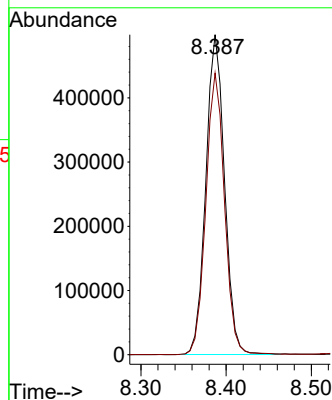
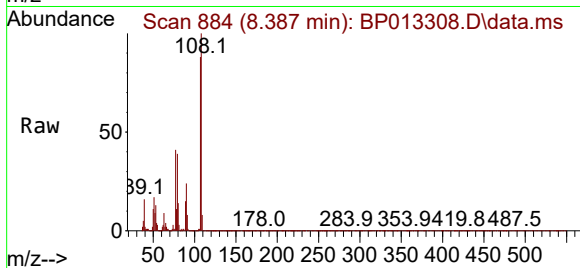
ClientSampleId :

Tgt Ion:108 Resp: 760093

Ion Ratio Lower Upper

108 100

107 88.0 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.111 ng/ul

RT: 8.469 min Scan# 898

Delta R.T. -0.012 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

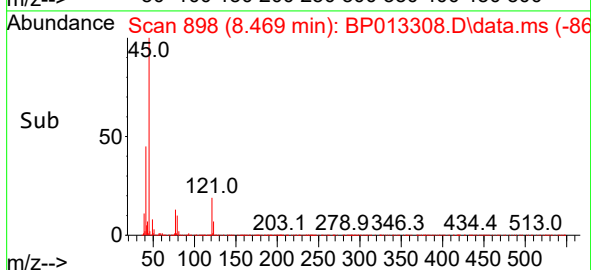
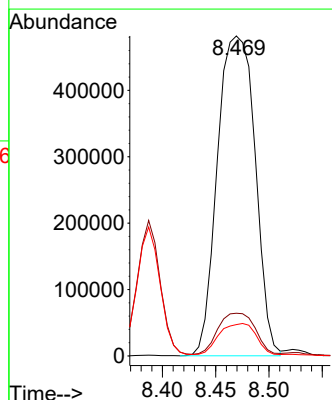
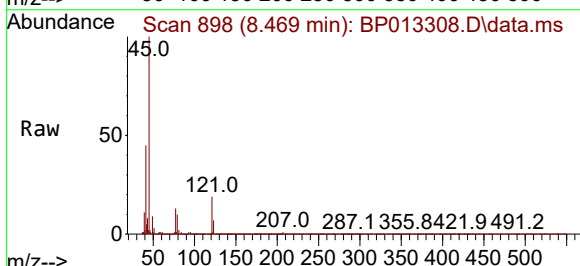
Tgt Ion: 45 Resp: 1185957

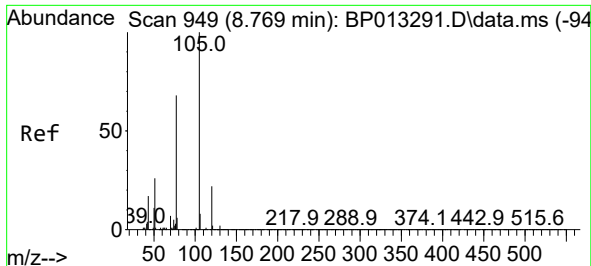
Ion Ratio Lower Upper

45 100

77 13.4 11.0 16.6

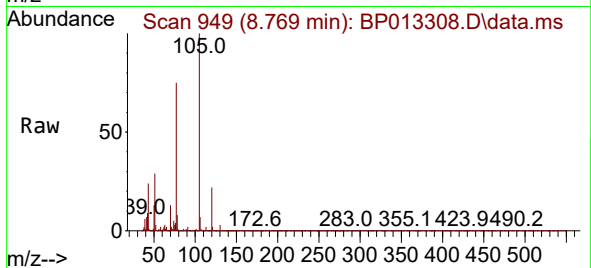
79 9.8 9.3 13.9



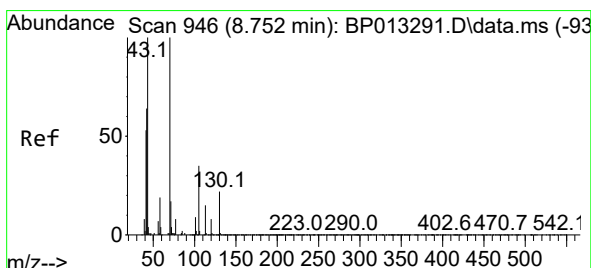
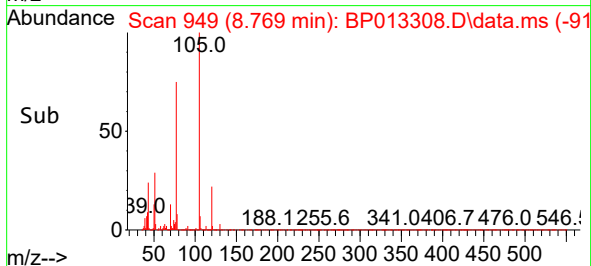
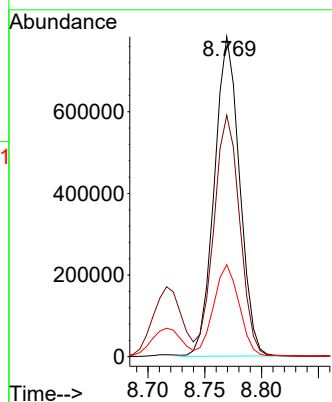


#16
Acetophenone
Concen: 19.547 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Instrument :
BNA_P
ClientSampleId :

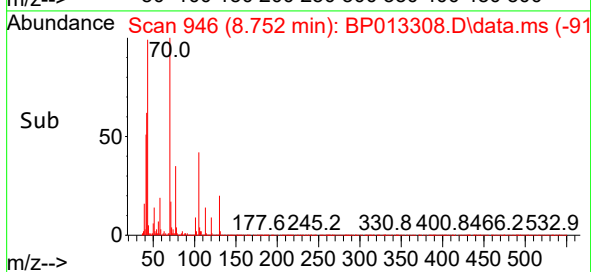
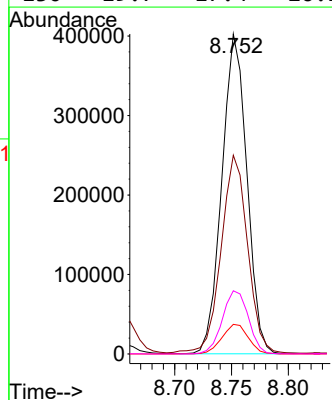
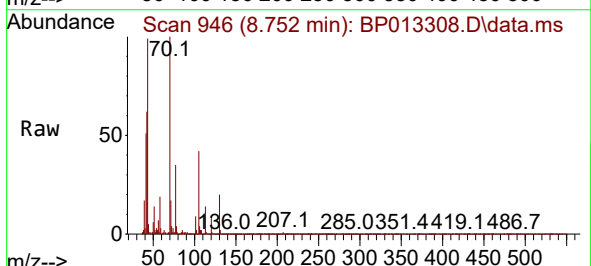


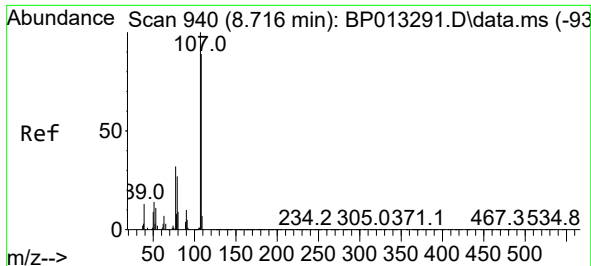
Tgt Ion:105 Resp: 1211520
Ion Ratio Lower Upper
105 100
77 75.4 59.3 88.9
51 28.8 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.757 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion: 70 Resp: 615764
Ion Ratio Lower Upper
70 100
42 62.1 45.5 68.3
101 9.3 7.9 11.9
130 19.7 17.4 26.2

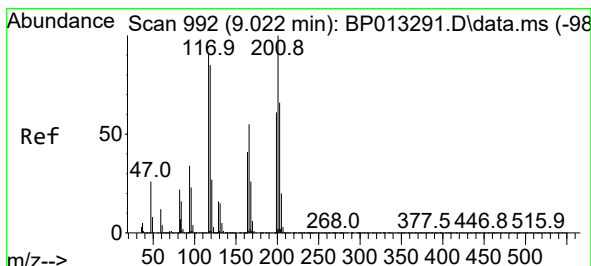
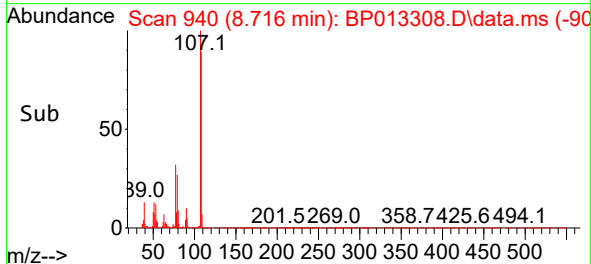
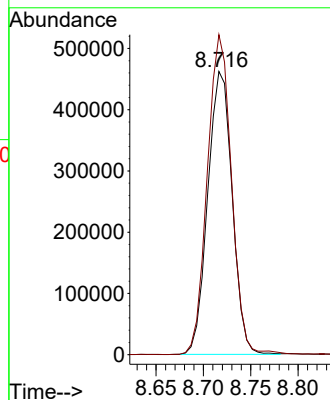
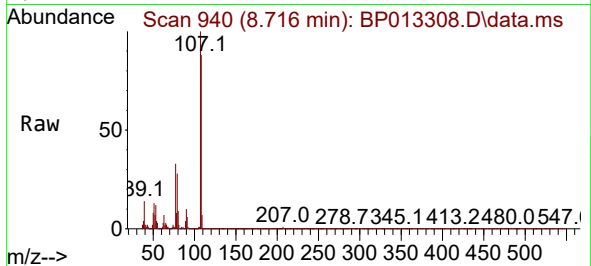




#18
4-Methylphenol
Concen: 19.250 ng/ul
RT: 8.716 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

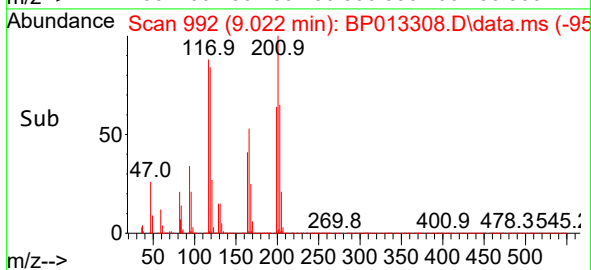
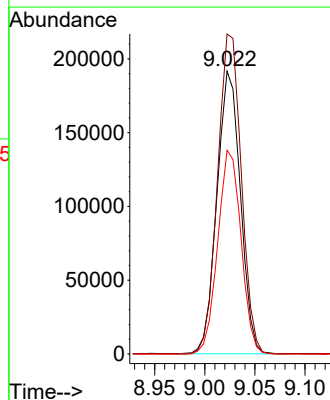
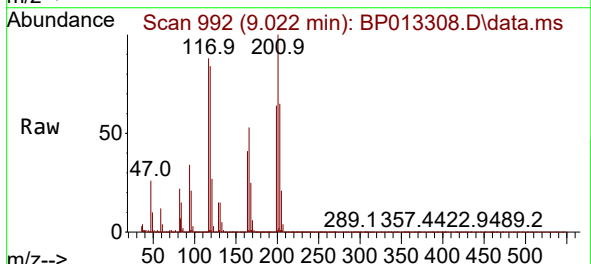
Instrument :
BNA_P
ClientSampleId :

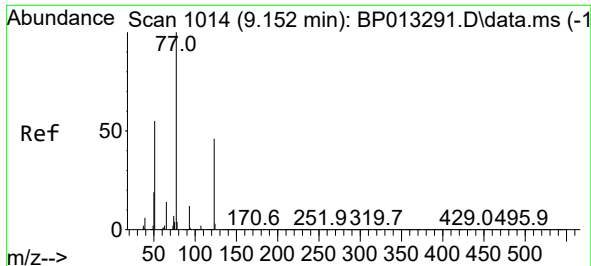
Tgt Ion:108 Resp: 829130
Ion Ratio Lower Upper
108 100
107 113.0 87.4 131.2



#19
Hexachloroethane
Concen: 19.572 ng/ul
RT: 9.022 min Scan# 992
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:117 Resp: 311482
Ion Ratio Lower Upper
117 100
201 113.2 93.7 140.5
199 72.0 58.6 88.0

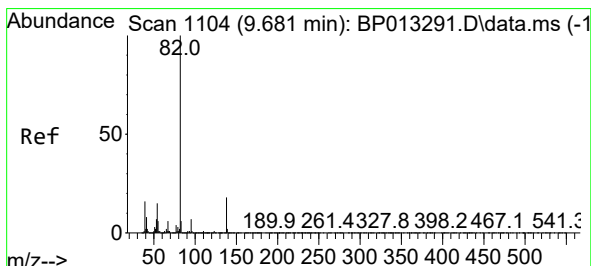
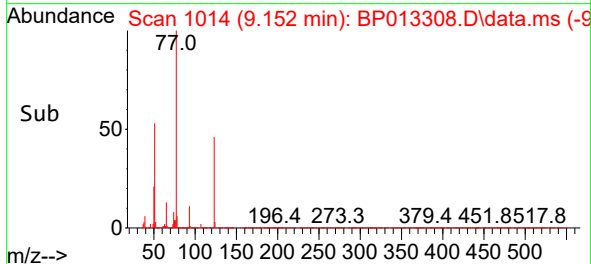
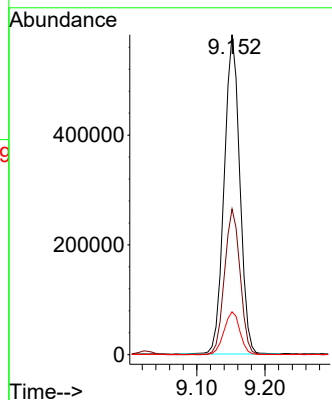
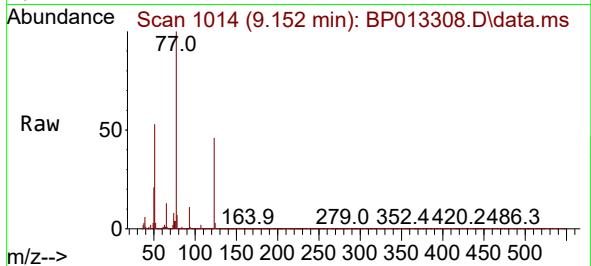




#22
Nitrobenzene
Concen: 21.376 ng/ul
RT: 9.152 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

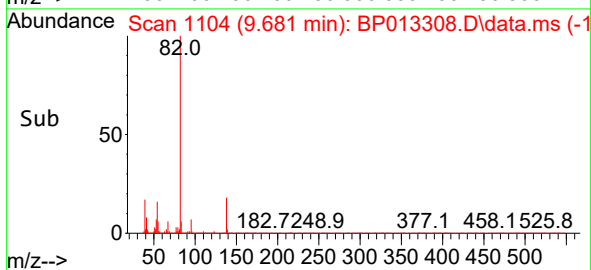
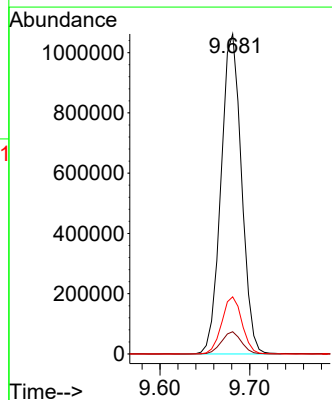
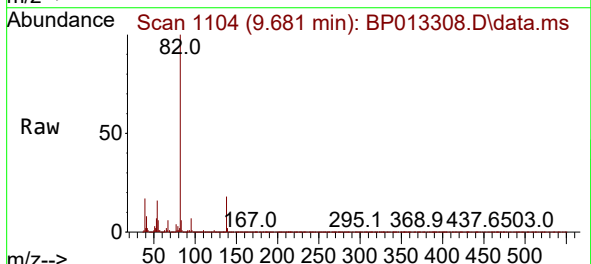
Instrument :
BNA_P
ClientSampleId :

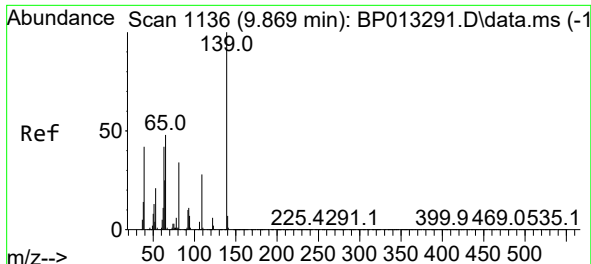
Tgt Ion: 77 Resp: 926116
Ion Ratio Lower Upper
77 100
123 45.5 38.3 57.5
65 13.4 10.3 15.5



#23
Isophorone
Concen: 19.189 ng/ul
RT: 9.681 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion: 82 Resp: 1681067
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.9 15.3 22.9

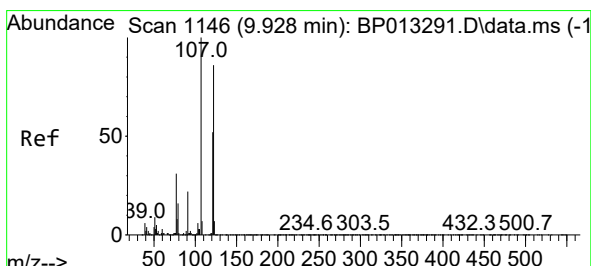
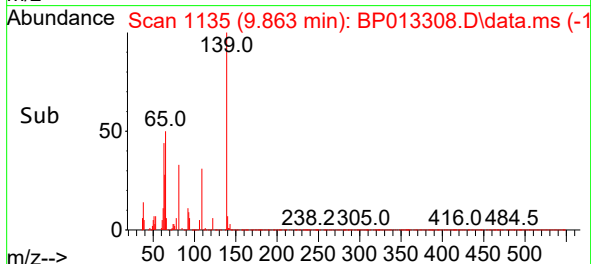
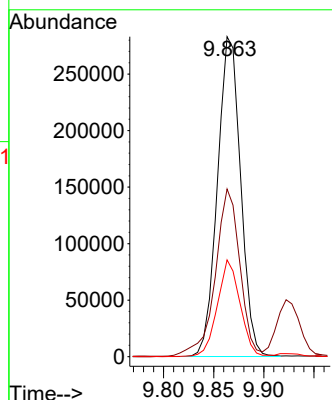
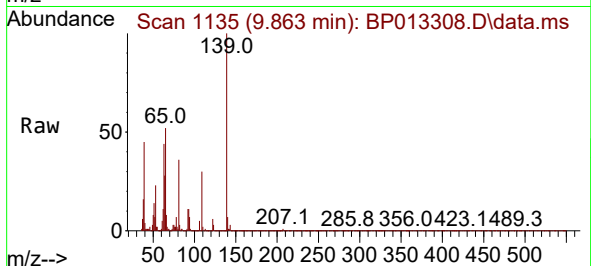




#25
2-Nitrophenol
Concen: 20.210 ng/ul
RT: 9.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

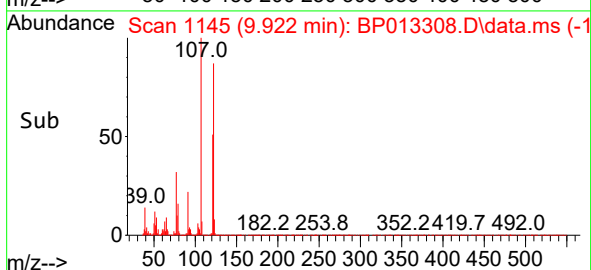
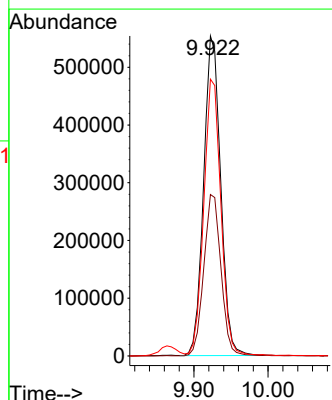
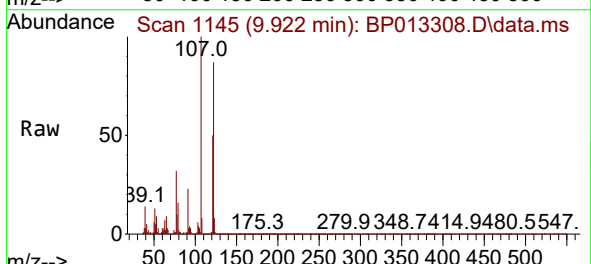
Instrument :
BNA_P
ClientSampleId :

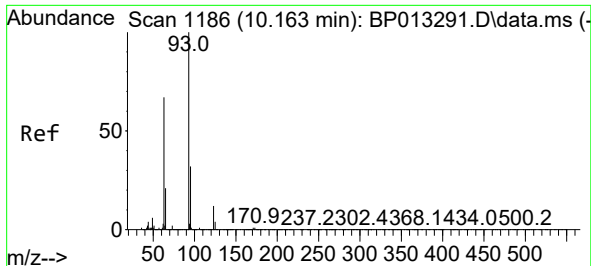
Tgt Ion:139 Resp: 455175
Ion Ratio Lower Upper
139 100
65 52.4 36.6 54.8
109 30.3 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 20.147 ng/ul
RT: 9.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:107 Resp: 885316
Ion Ratio Lower Upper
107 100
121 50.5 41.8 62.6
122 86.5 72.6 108.8

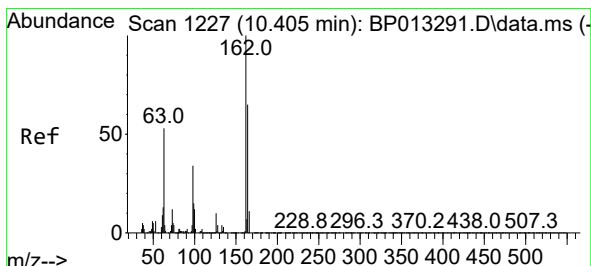
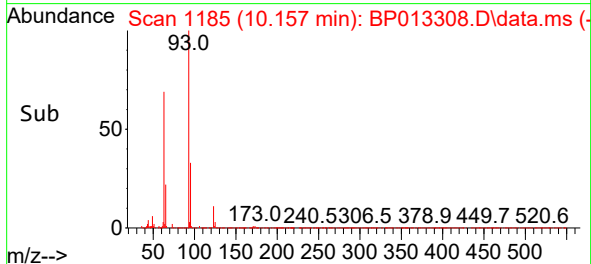
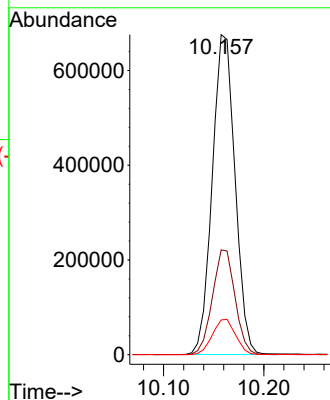
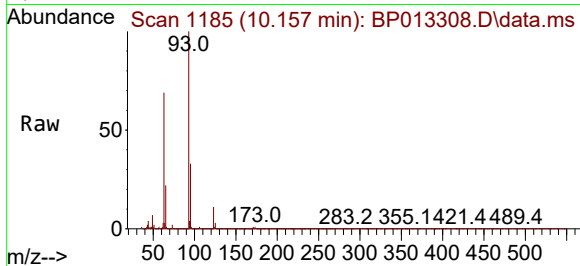




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.027 ng/ul
 RT: 10.157 min Scan# 1185
 Delta R.T. -0.006 min
 Lab File: BP013308.D
 Acq: 24 Dec 2022 19:46

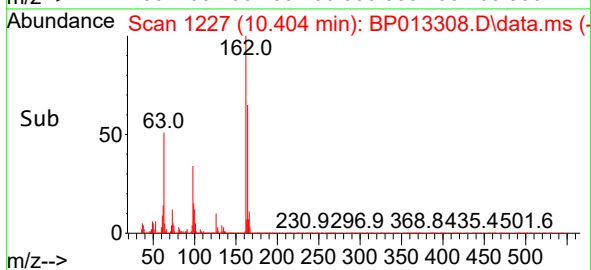
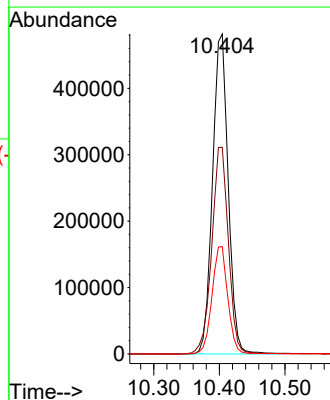
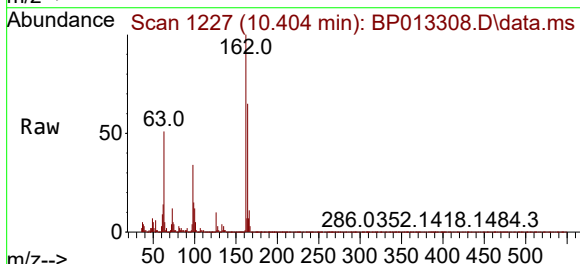
Instrument :
 BNA_P
 ClientSampleId :

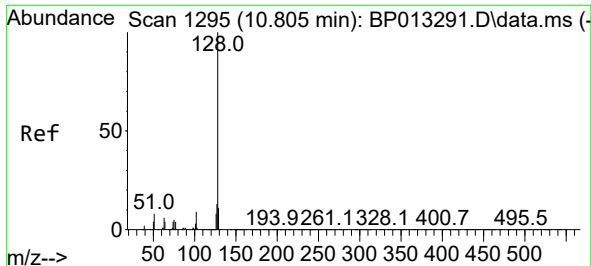
Tgt Ion: 93 Resp: 1065828
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 10.8 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 20.224 ng/ul
 RT: 10.404 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: BP013308.D
 Acq: 24 Dec 2022 19:46

Tgt Ion:162 Resp: 799819
 Ion Ratio Lower Upper
 162 100
 164 64.6 52.5 78.7
 98 33.6 26.6 39.8

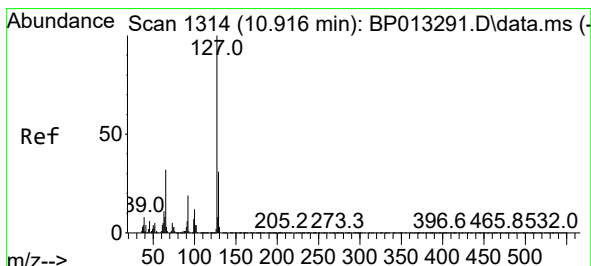
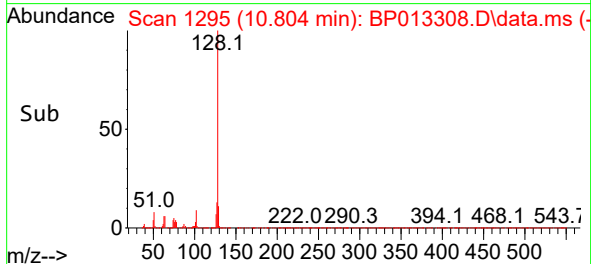
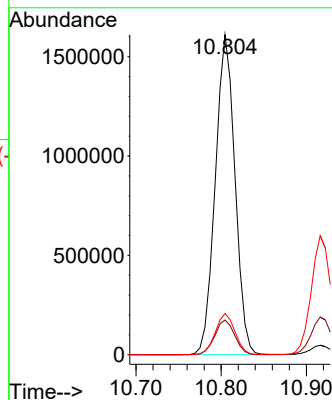
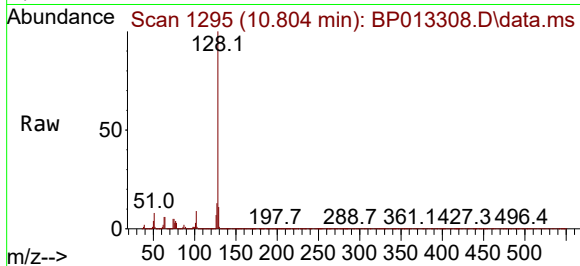




#30
Naphthalene
Concen: 19.677 ng/ul
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

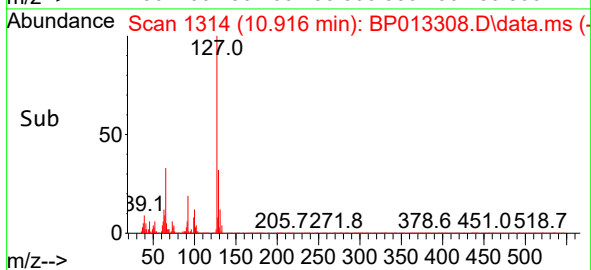
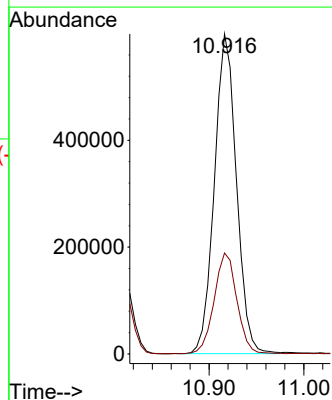
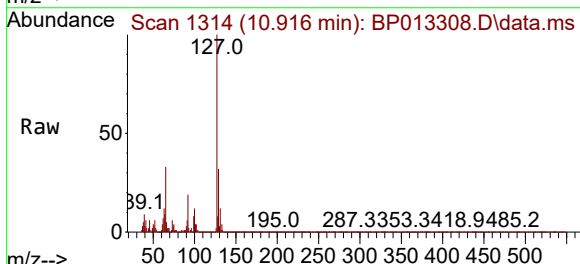
Instrument :
BNA_P
ClientSampleId :

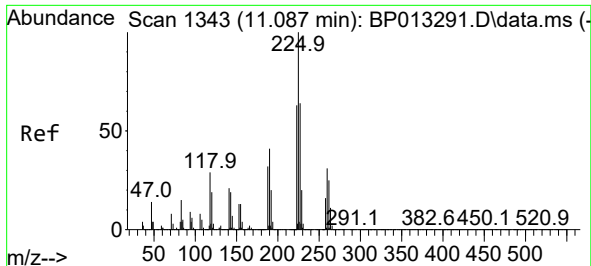
Tgt Ion:128 Resp: 2585957
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 17.164 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:127 Resp: 968081
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4

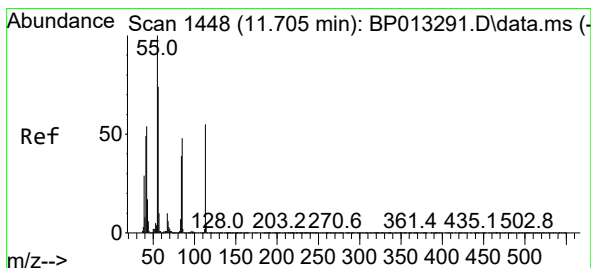
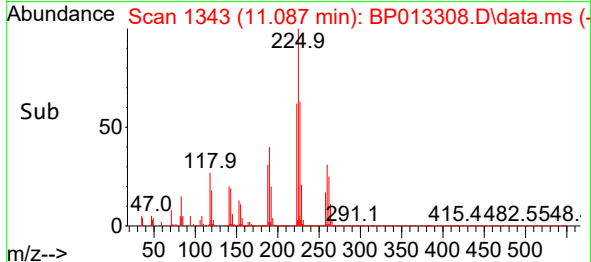
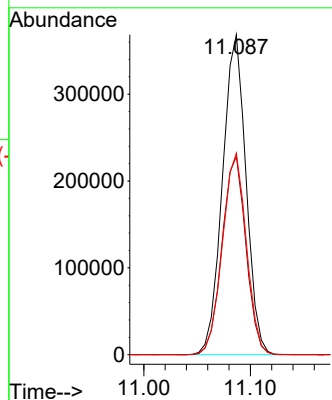
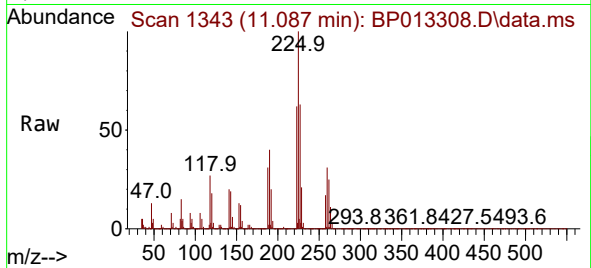




#33
Hexachlorobutadiene
Concen: 20.812 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

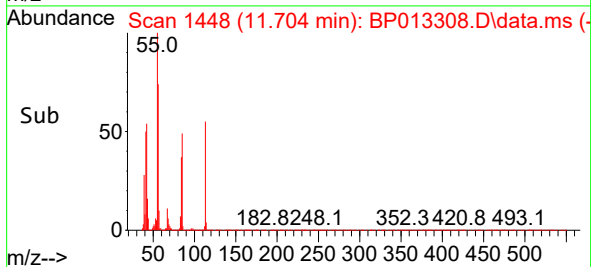
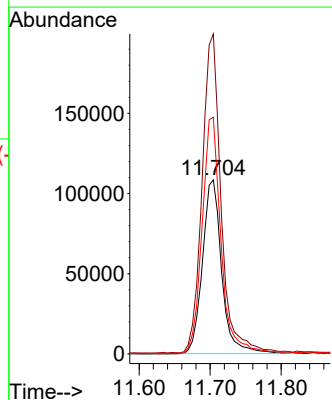
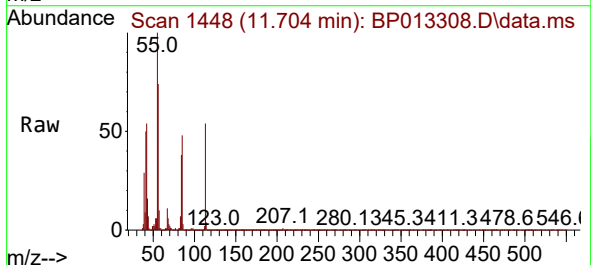
Instrument :
BNA_P
ClientSampleId :

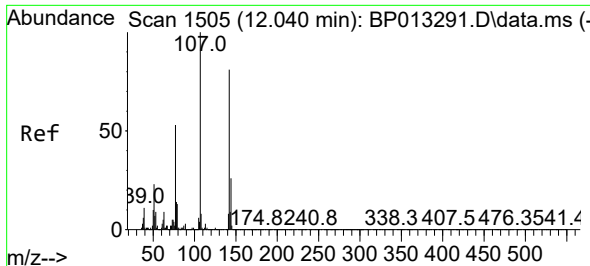
Tgt Ion:225 Resp: 565136
Ion Ratio Lower Upper
225 100
223 61.9 49.2 73.8
227 63.0 50.2 75.2



#34
Caprolactam
Concen: 15.133 ng/ul
RT: 11.704 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:113 Resp: 204068
Ion Ratio Lower Upper
113 100
55 183.8 141.9 212.9
56 135.9 99.6 149.4

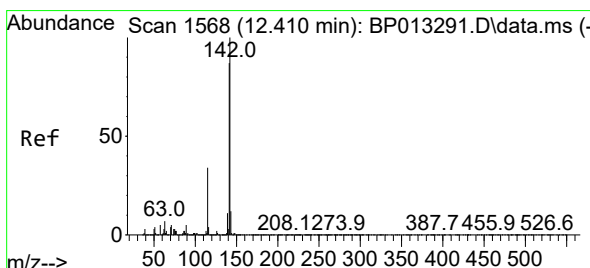
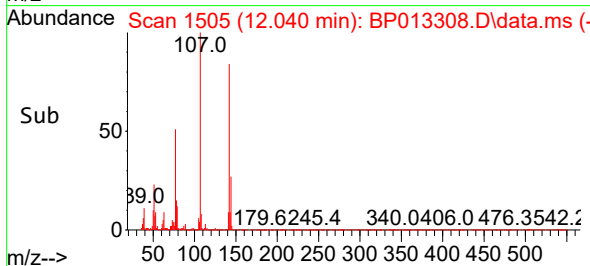
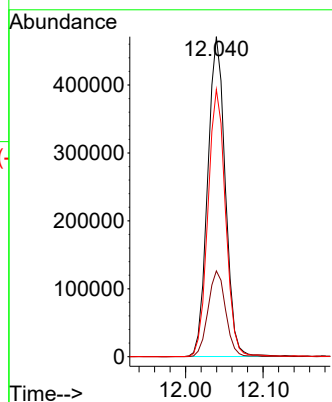
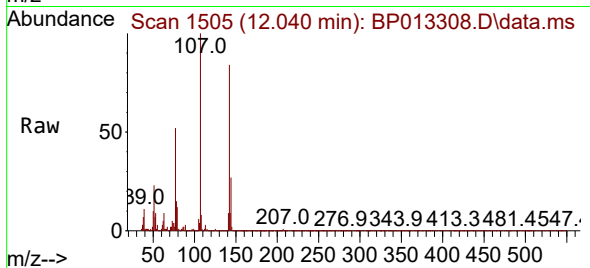




#35
4-Chloro-3-methylphenol
Concen: 18.396 ng/ul
RT: 12.040 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

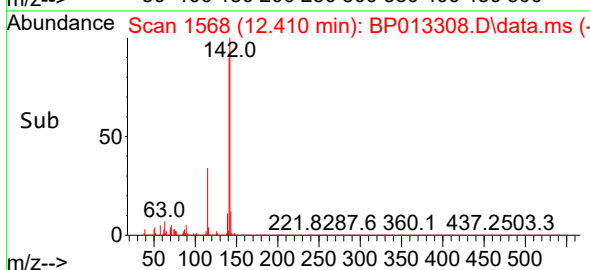
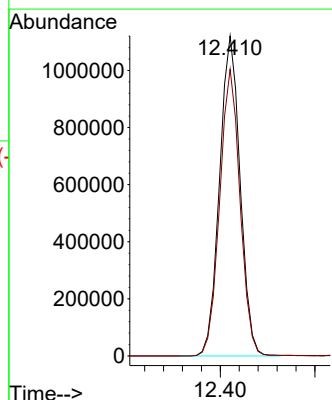
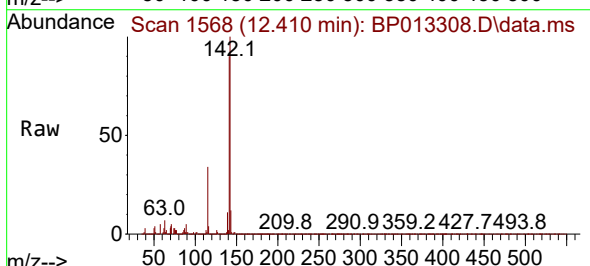
Instrument :
BNA_P
ClientSampleId :

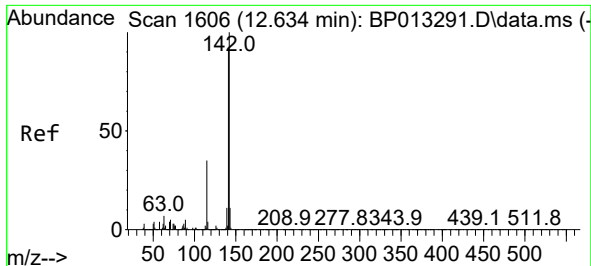
Tgt Ion:107 Resp: 742470
Ion Ratio Lower Upper
107 100
144 26.8 21.4 32.2
142 83.5 65.8 98.6



#36
2-Methylnaphthalene
Concen: 18.759 ng/ul
RT: 12.410 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:142 Resp: 1691330
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2

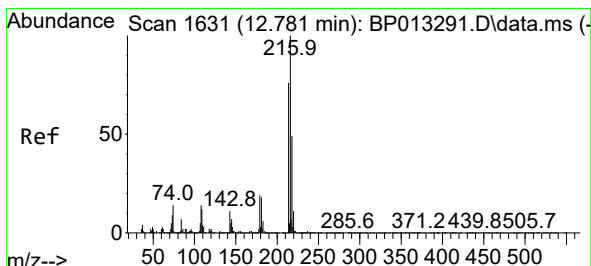
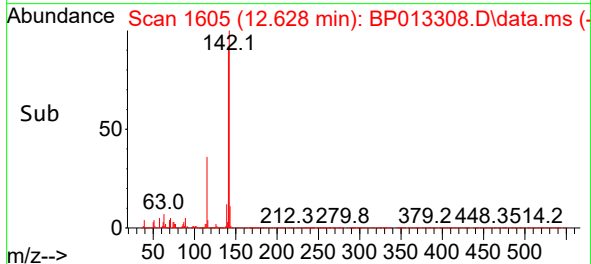
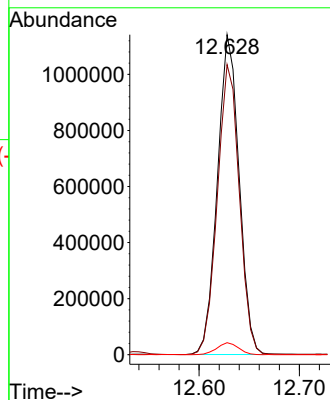
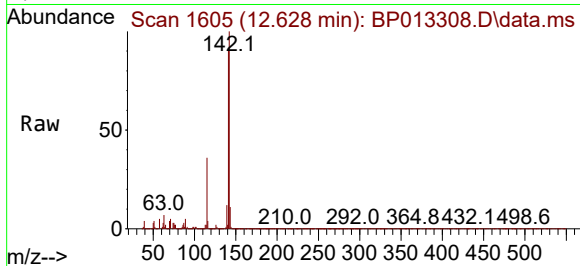




#37
1-Methylnaphthalene
Concen: 18.511 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

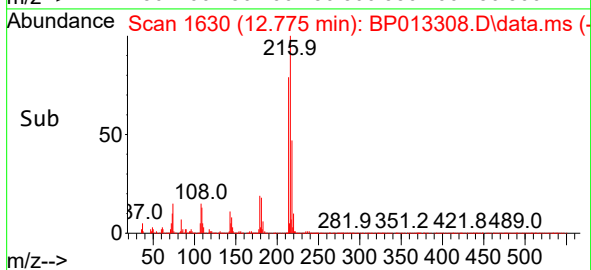
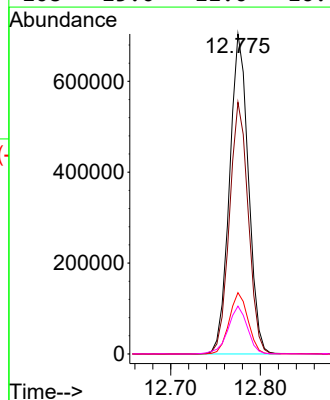
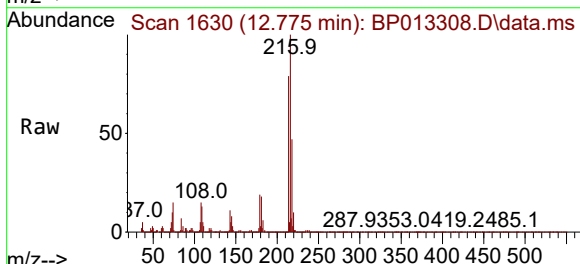
Instrument :
BNA_P
ClientSampleId :

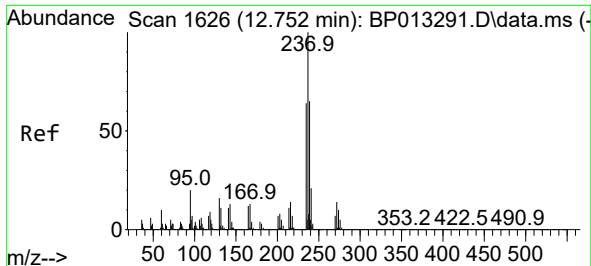
Tgt Ion:142 Resp: 1716302
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1
116 3.8 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.455 ng/ul
RT: 12.775 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:216 Resp: 1027796
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 19.2 15.0 22.6
108 15.0 11.0 16.4

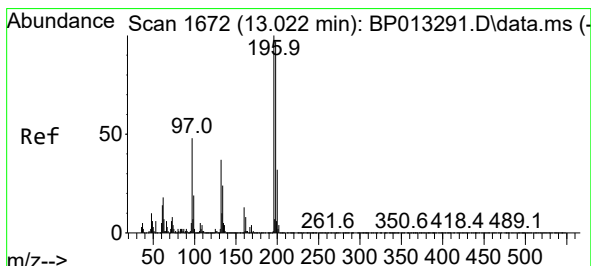
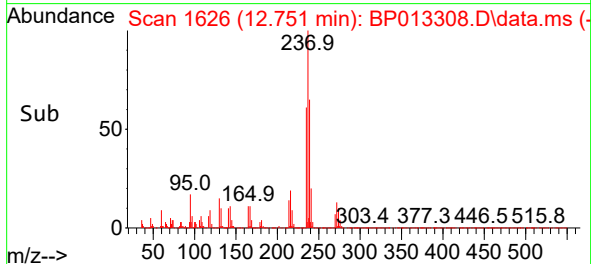
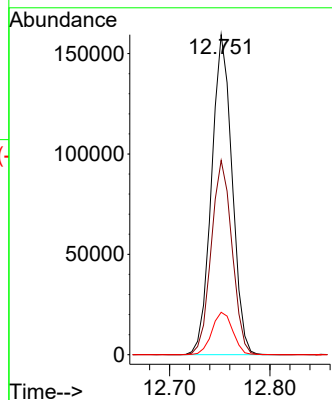
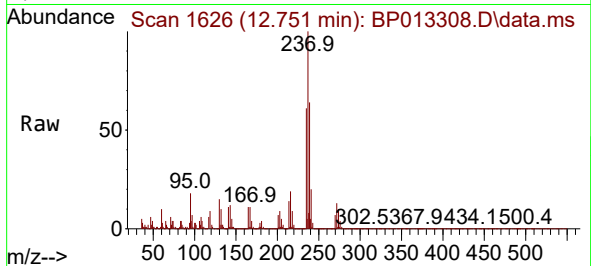




#40
Hexachlorocyclopentadiene
Concen: 7.614 ng/ul
RT: 12.751 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

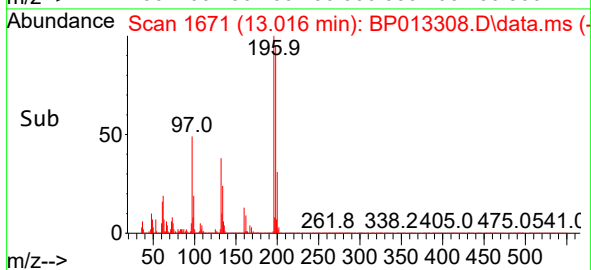
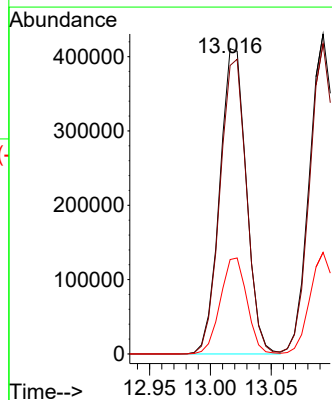
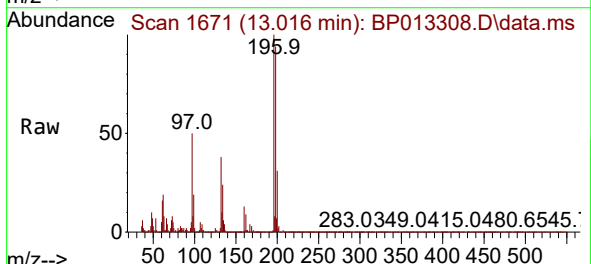
Instrument :
BNA_P
ClientSampleId :

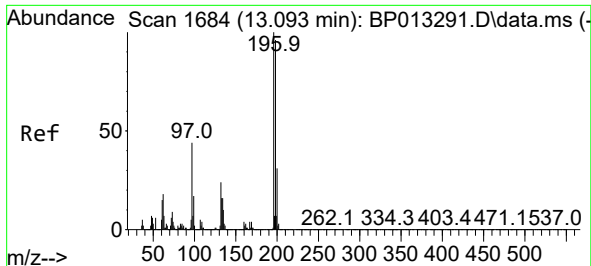
Tgt Ion:237 Resp: 226779
Ion Ratio Lower Upper
237 100
235 60.7 49.7 74.5
272 13.3 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 21.238 ng/ul
RT: 13.016 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:196 Resp: 624712
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
200 30.9 25.3 37.9

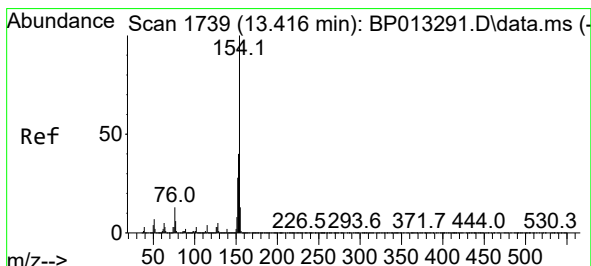
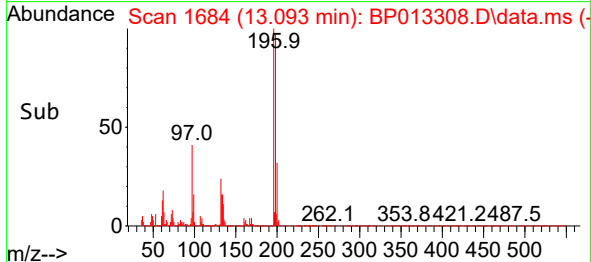
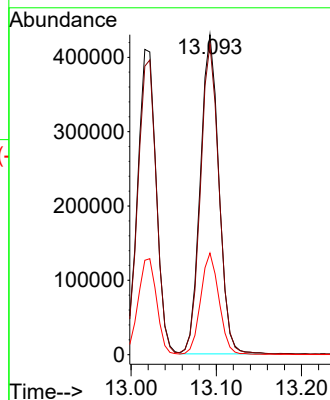
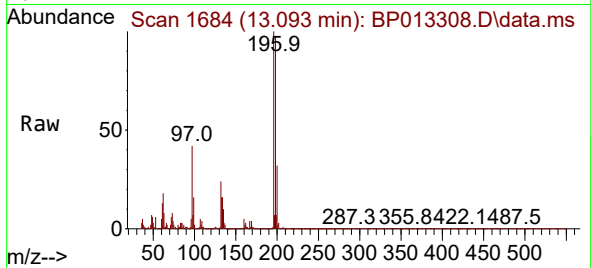




#42
2,4,5-Trichlorophenol
Concen: 20.585 ng/ul
RT: 13.093 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

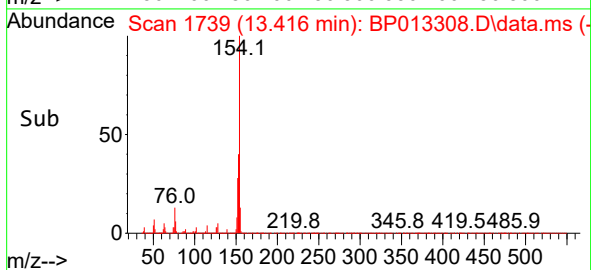
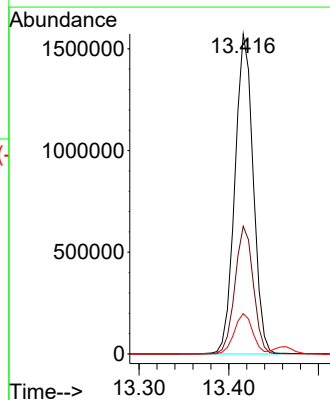
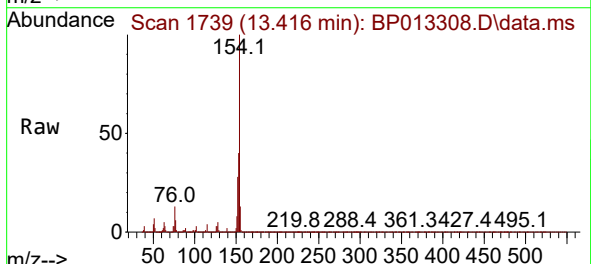
Instrument :
BNA_P
ClientSampleId :

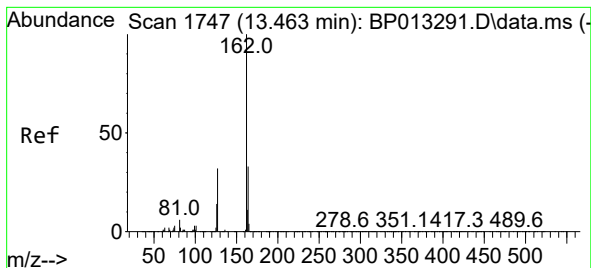
Tgt Ion:196 Resp: 650398
Ion Ratio Lower Upper
196 100
198 97.0 77.1 115.7
200 31.8 25.4 38.2



#43
1,1'-Biphenyl
Concen: 20.881 ng/ul
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:154 Resp: 2229202
Ion Ratio Lower Upper
154 100
153 39.9 31.5 47.3
76 12.6 9.6 14.4

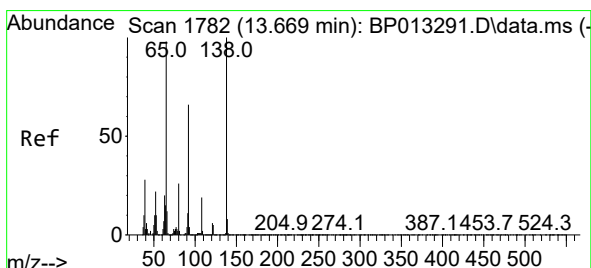
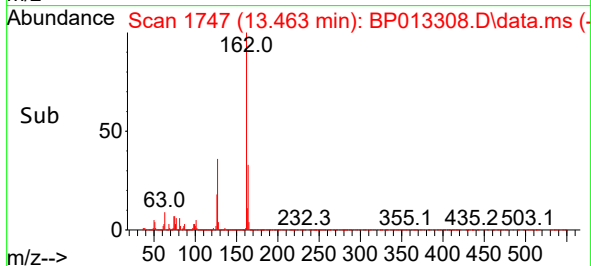
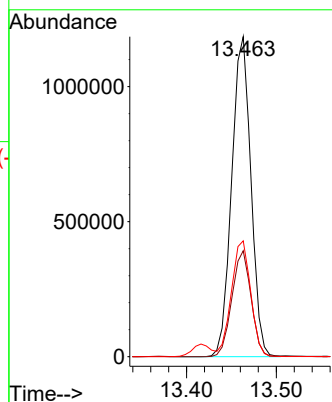
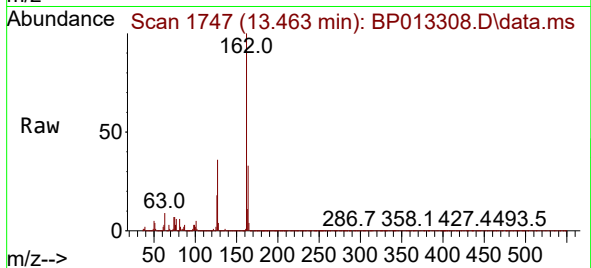




#44
2-Chloronaphthalene
Concen: 20.926 ng/ul
RT: 13.463 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

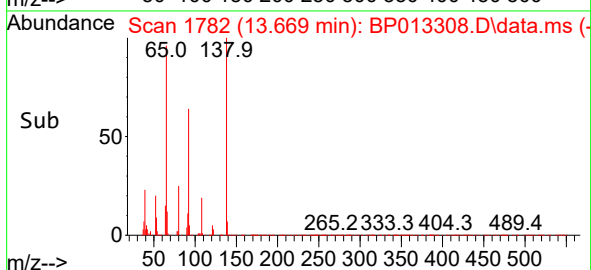
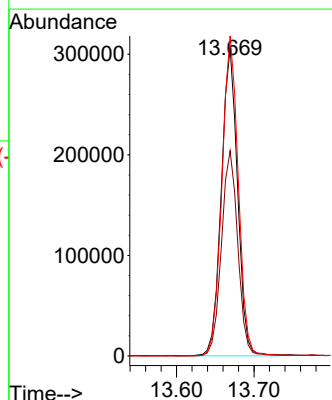
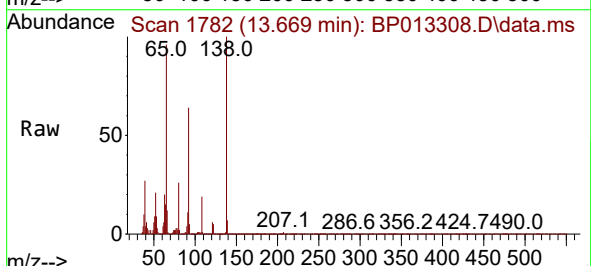
Instrument :
BNA_P
ClientSampleId :

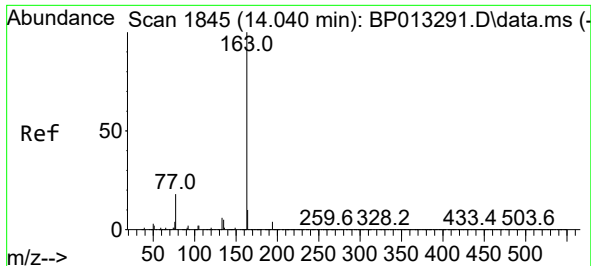
Tgt Ion:162 Resp: 1758184
Ion Ratio Lower Upper
162 100
164 33.1 26.3 39.5
127 36.2 29.3 43.9



#45
2-Nitroaniline
Concen: 21.884 ng/ul
RT: 13.669 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion: 65 Resp: 445798
Ion Ratio Lower Upper
65 100
92 66.7 56.4 84.6
138 103.9 90.3 135.5

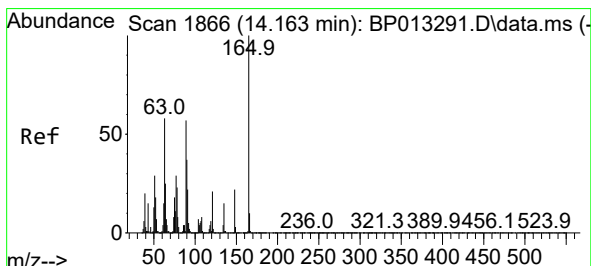
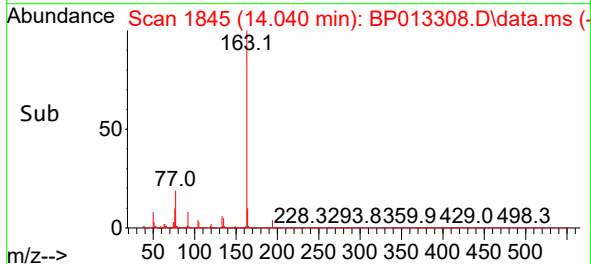
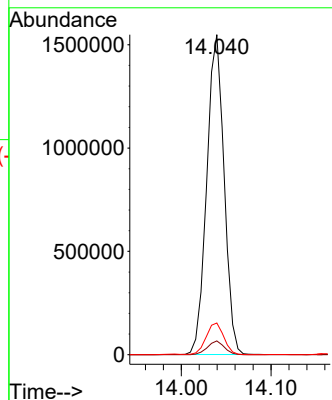
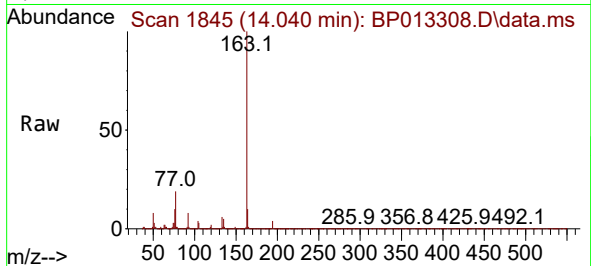




#47
Dimethylphthalate
Concen: 19.166 ng/ul
RT: 14.040 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

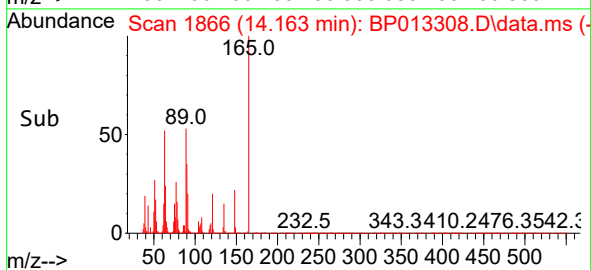
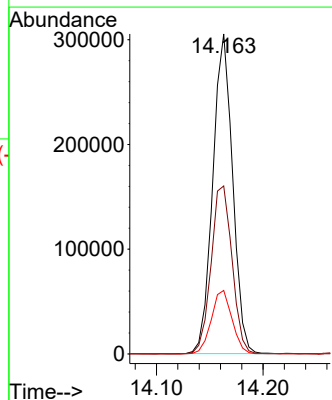
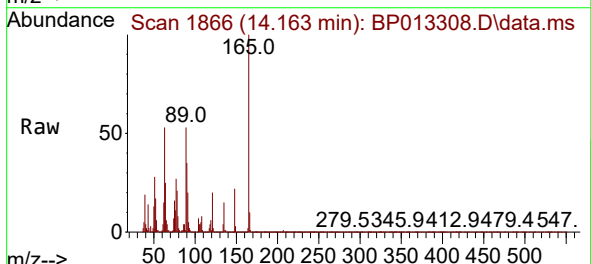
Instrument :
BNA_P
ClientSampleId :

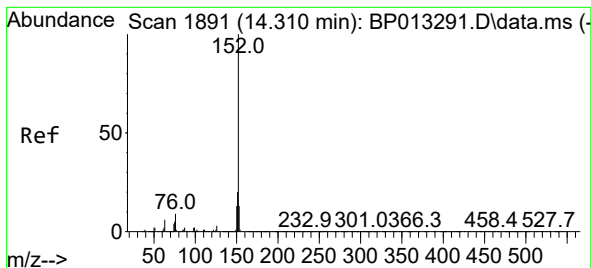
Tgt Ion:163 Resp: 2075195
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.9 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.598 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:165 Resp: 394357
Ion Ratio Lower Upper
165 100
89 52.5 43.0 64.4
121 19.8 16.1 24.1





#50

Acenaphthylene

Concen: 19.886 ng/ul

RT: 14.304 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

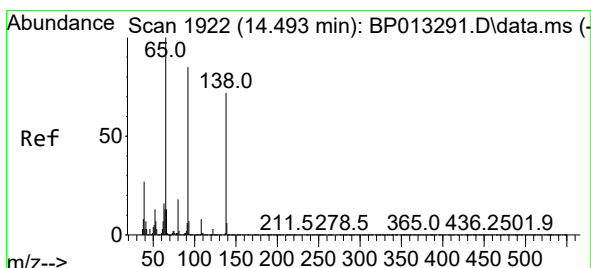
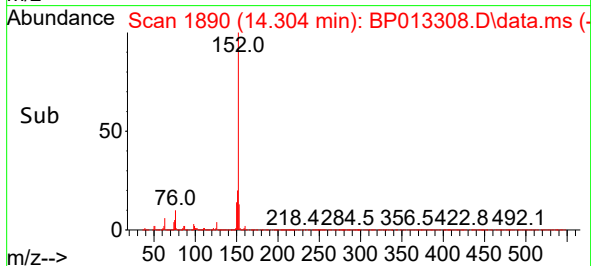
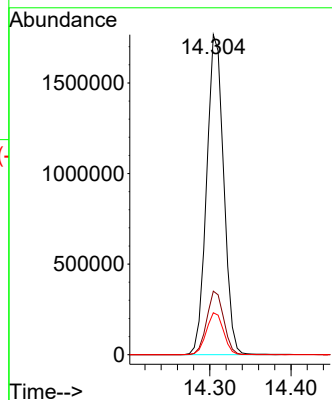
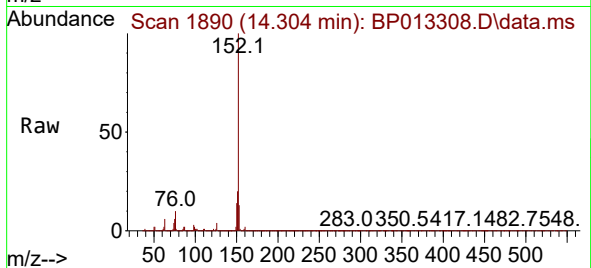
Tgt Ion:152 Resp: 2566321

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.1 10.6 16.0



#51

3-Nitroaniline

Concen: 17.621 ng/ul

RT: 14.493 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

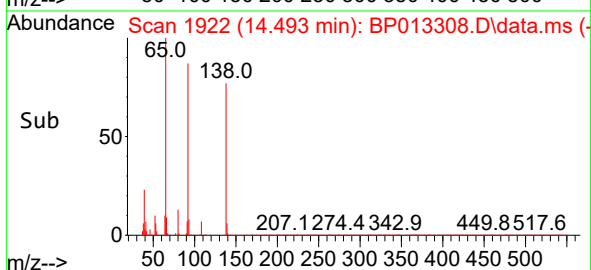
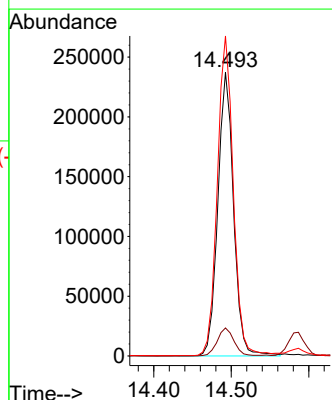
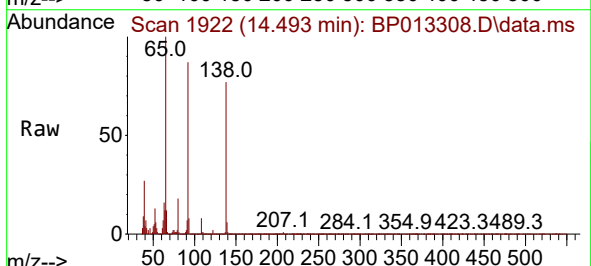
Tgt Ion:138 Resp: 334809

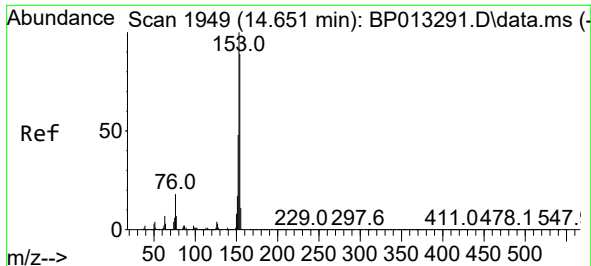
Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

92 112.8 88.4 132.6

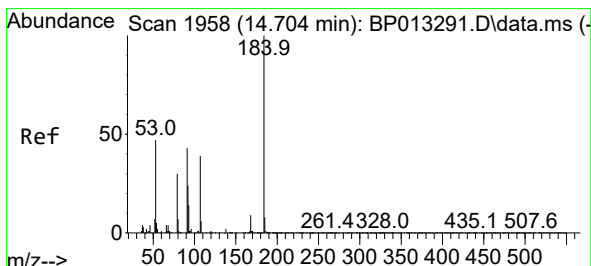
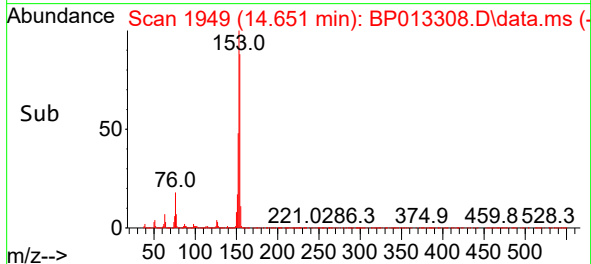
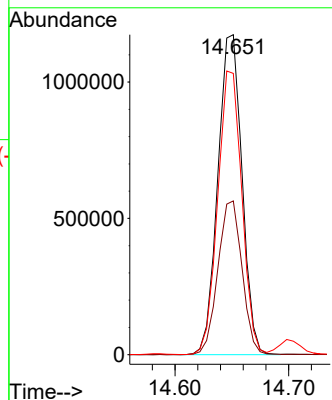
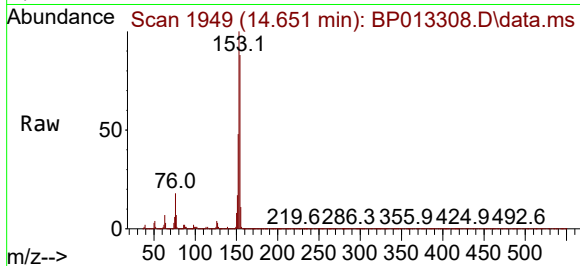




#52
Acenaphthene
Concen: 19.398 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

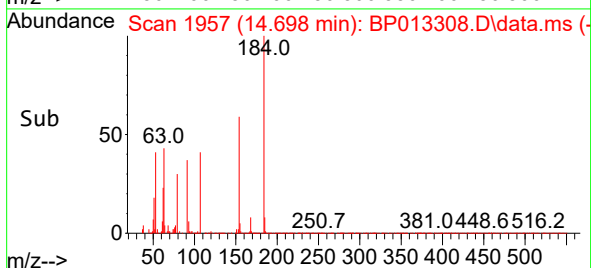
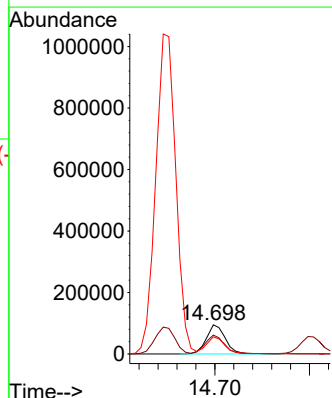
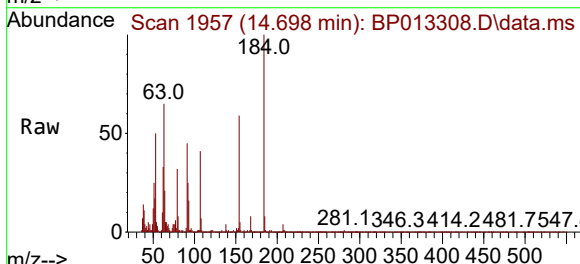
Instrument :
BNA_P
ClientSampleId :

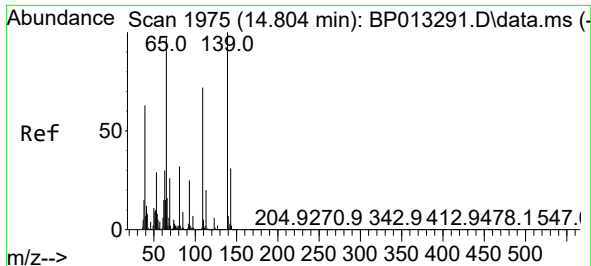
Tgt Ion:153 Resp: 1734819
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 87.9 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 9.603 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:184 Resp: 132086
Ion Ratio Lower Upper
184 100
63 64.9 48.4 72.6
154 58.8 45.5 68.3

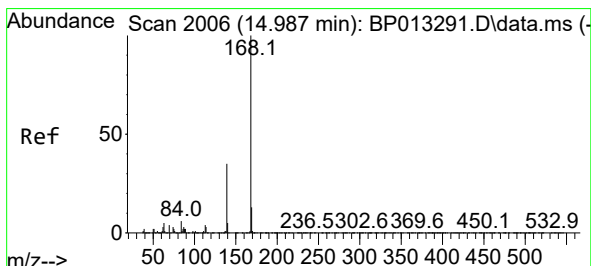
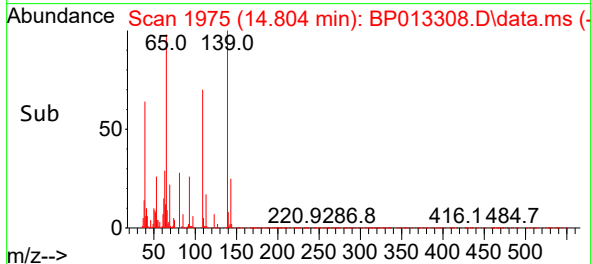
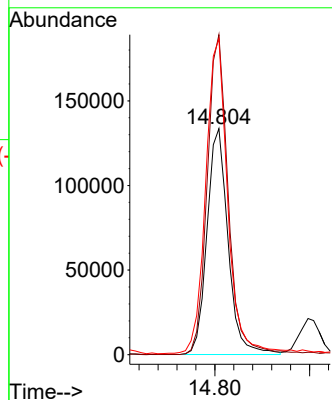
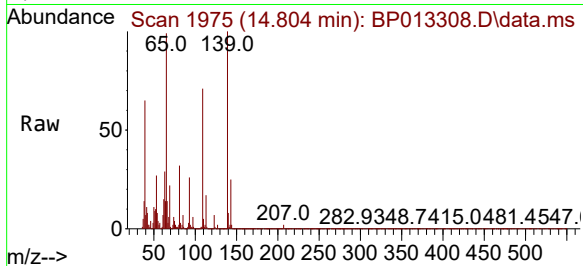




#55
4-Nitrophenol
Concen: 15.349 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

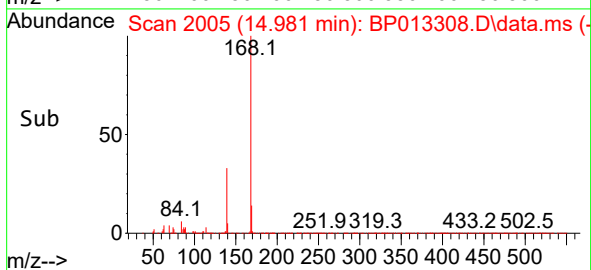
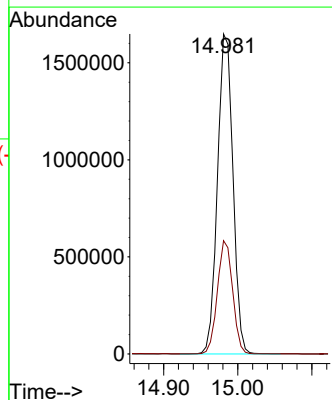
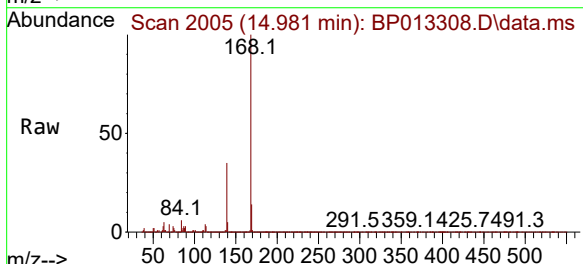
Instrument :
BNA_P
ClientSampleId :

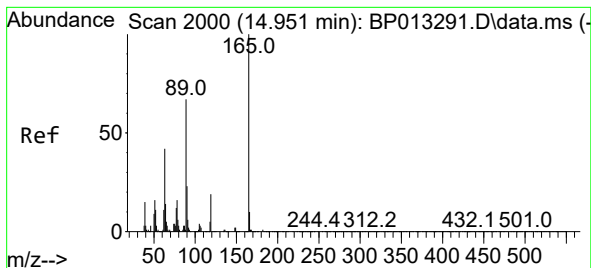
Tgt Ion:109 Resp: 205803
Ion Ratio Lower Upper
109 100
139 141.5 120.8 181.2
65 139.8 107.9 161.9



#56
Dibenzofuran
Concen: 18.797 ng/ul
RT: 14.981 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:168 Resp: 2390074
Ion Ratio Lower Upper
168 100
139 35.4 27.9 41.9

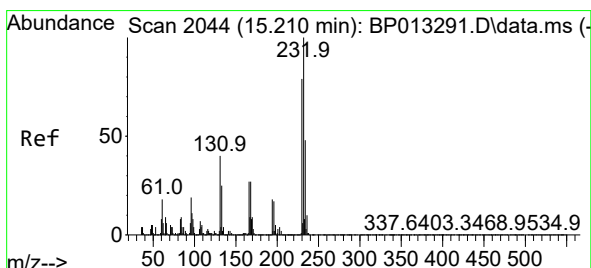
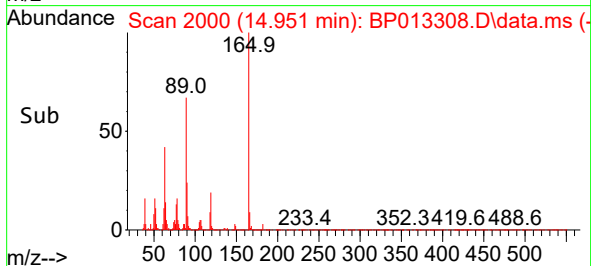
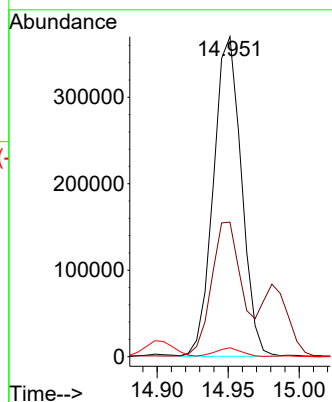
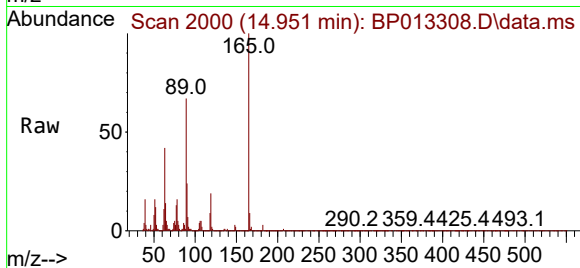




#57
2,4-Dinitrotoluene
Concen: 17.343 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

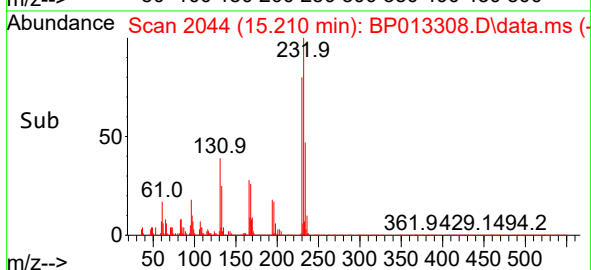
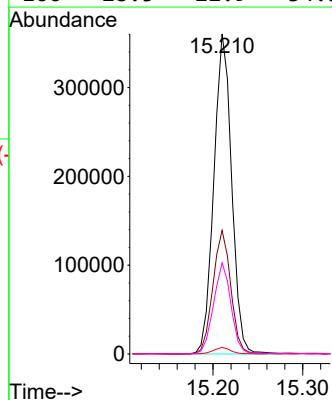
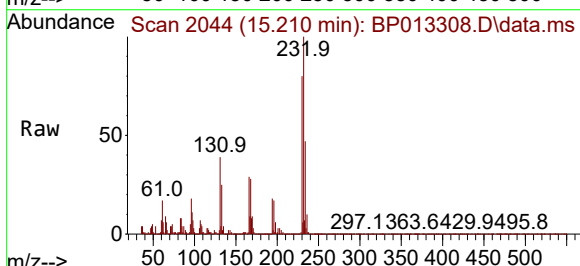
Instrument :
BNA_P
ClientSampleId :

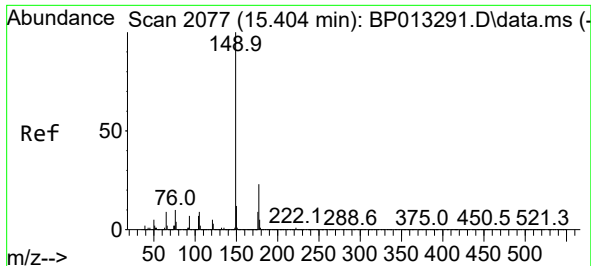
Tgt Ion:165 Resp: 506908
Ion Ratio Lower Upper
165 100
63 42.1 31.8 47.6
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 17.231 ng/ul
RT: 15.210 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:232 Resp: 496845
Ion Ratio Lower Upper
232 100
131 38.6 31.8 47.6
130 2.1 1.8 2.6
166 28.5 22.9 34.3

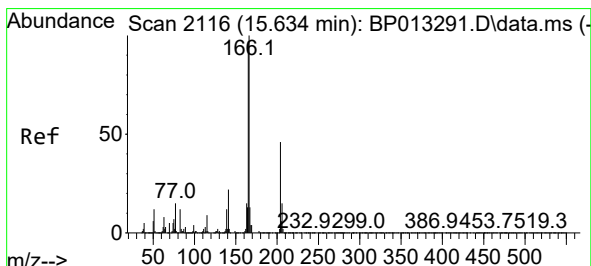
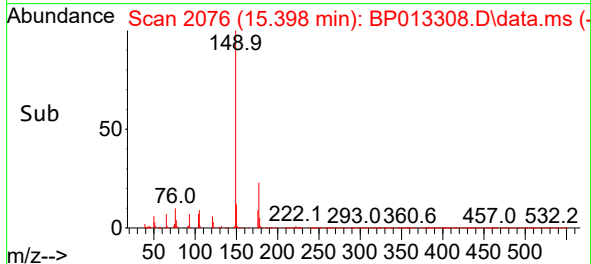
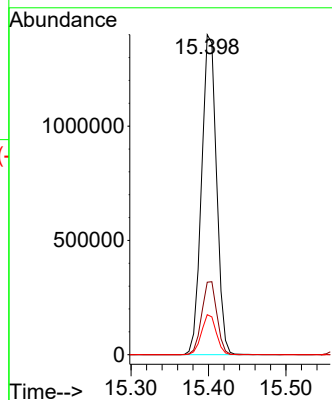
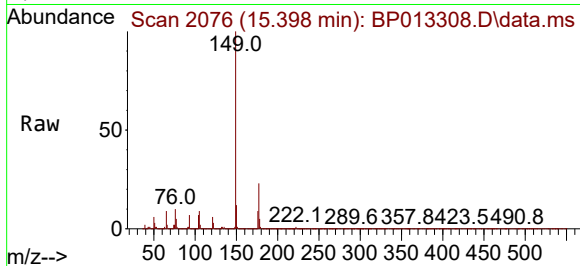




#59
Diethylphthalate
Concen: 17.840 ng/ul
RT: 15.398 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

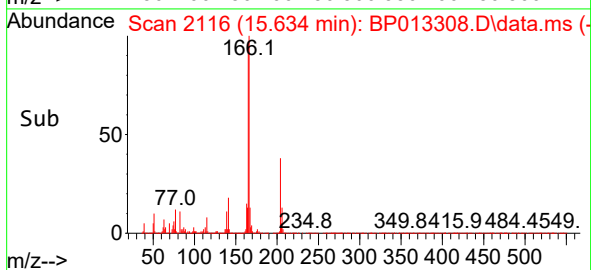
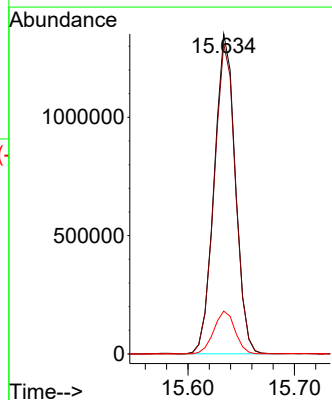
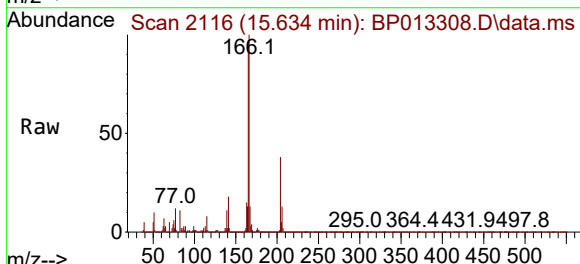
Instrument :
BNA_P
ClientSampleId :

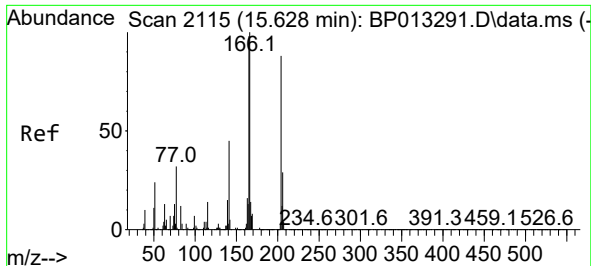
Tgt Ion:149 Resp: 1877760
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.5 9.9 14.9



#61
Fluorene
Concen: 18.209 ng/ul
RT: 15.634 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:166 Resp: 1856838
Ion Ratio Lower Upper
166 100
165 96.9 77.4 116.2
167 13.4 10.6 16.0

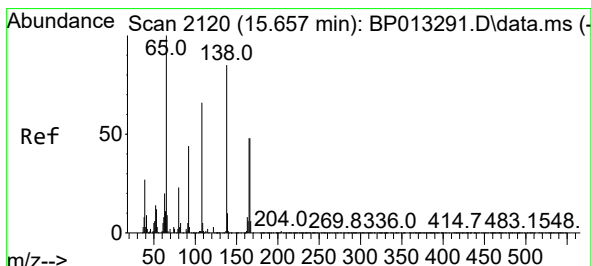
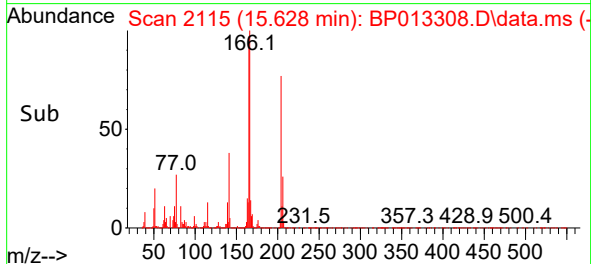
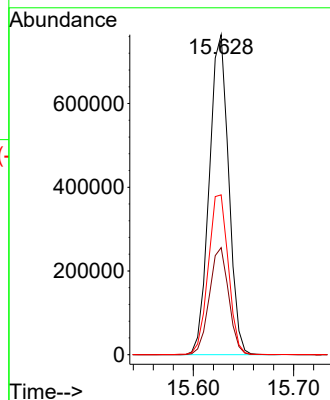
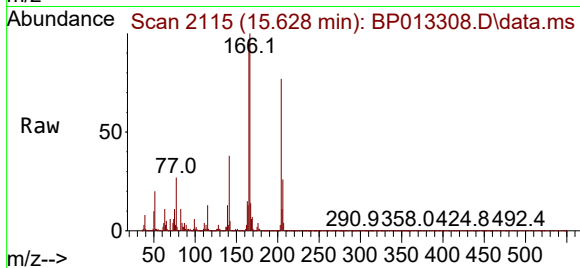




#62
4-Chlorophenyl-phenylether
Concen: 19.069 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

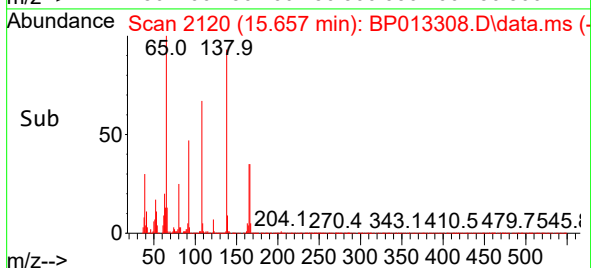
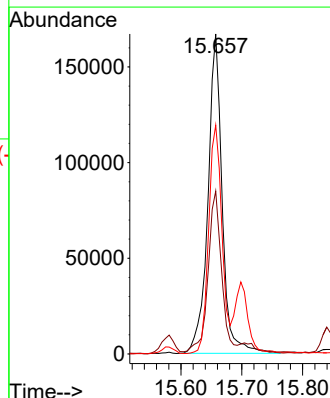
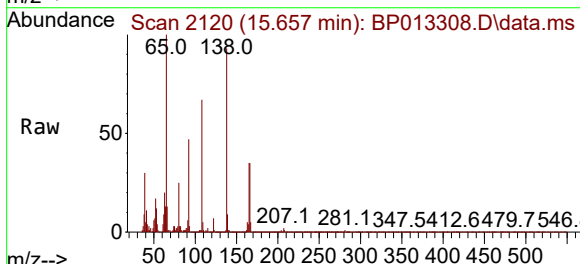
Instrument :
BNA_P
ClientSampleId :

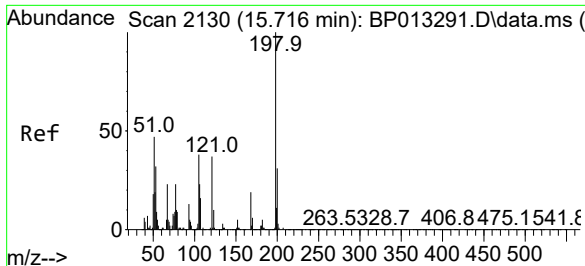
Tgt Ion:204 Resp: 1028340
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 50.0 40.4 60.6



#63
4-Nitroaniline
Concen: 16.318 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:138 Resp: 272822
Ion Ratio Lower Upper
138 100
92 50.9 39.0 58.4
108 71.5 55.1 82.7

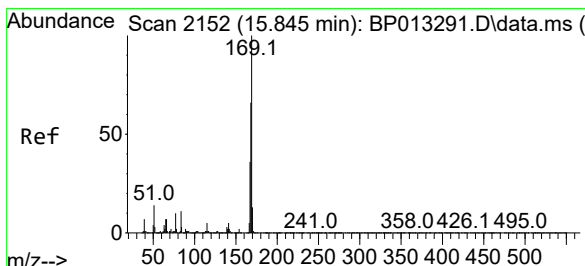
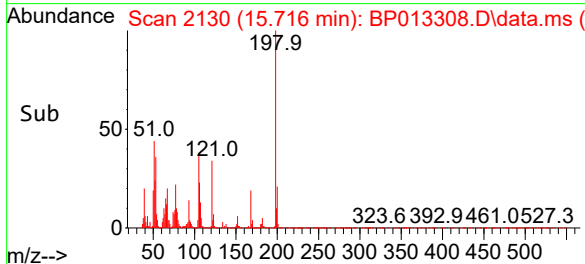
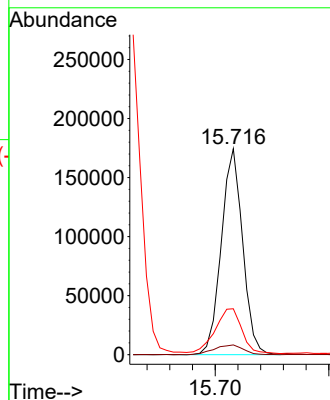
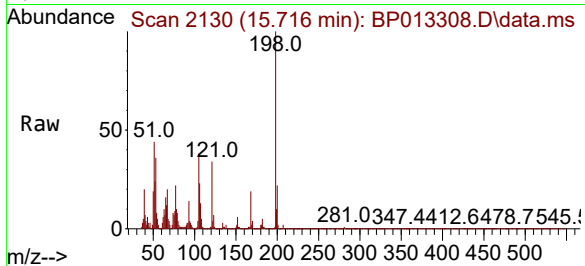




#66
4,6-Dinitro-2-methylphenol
Concen: 15.210 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

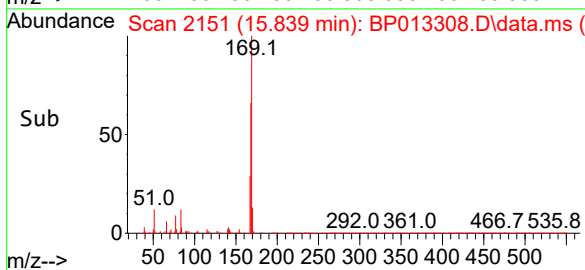
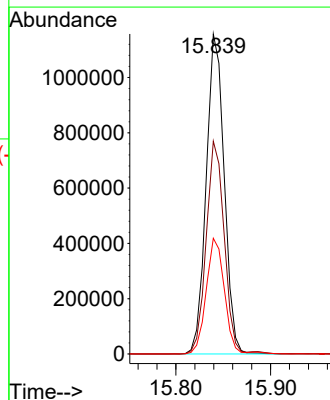
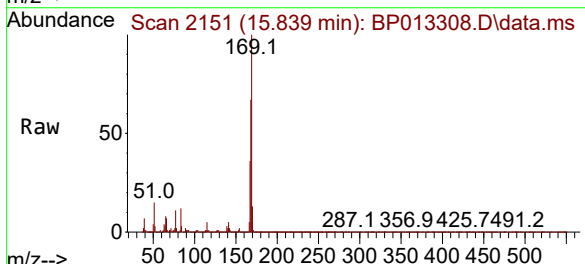
Instrument :
BNA_P
ClientSampleId :

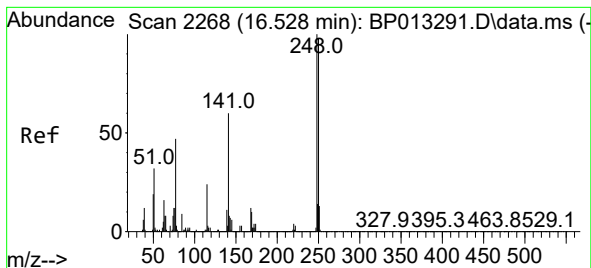
Tgt Ion:198 Resp: 227939
Ion Ratio Lower Upper
198 100
182 4.7 3.3 4.9
77 22.3 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 23.150 ng/ul
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:169 Resp: 1529434
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.1 29.1 43.7

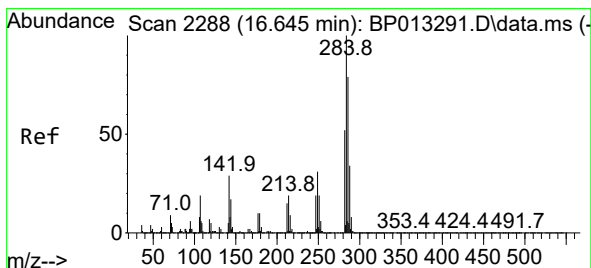
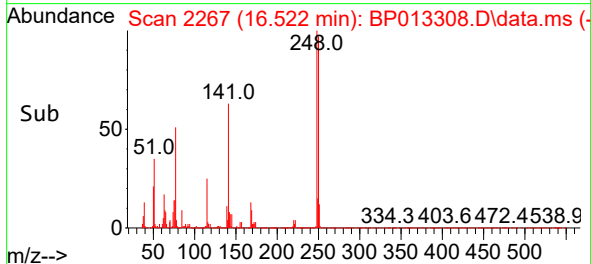
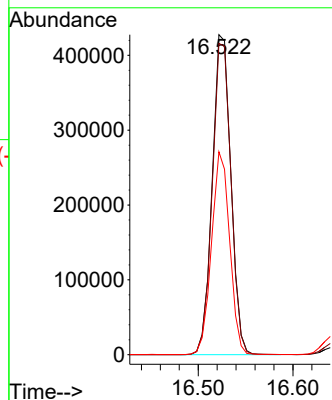
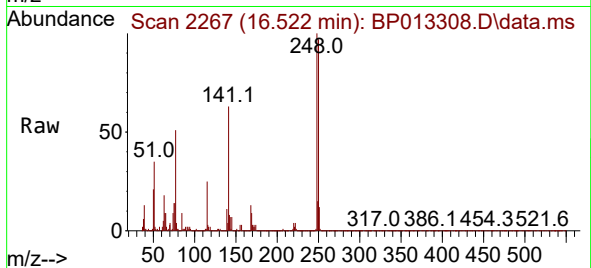




#68
4-Bromophenyl-phenylether
Concen: 22.579 ng/ul
RT: 16.522 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

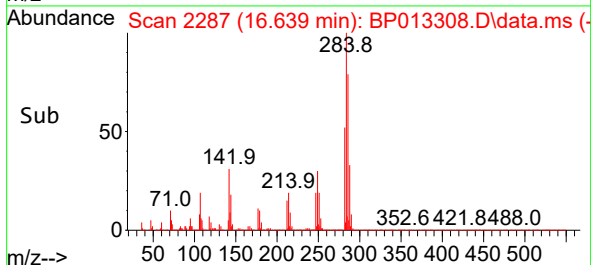
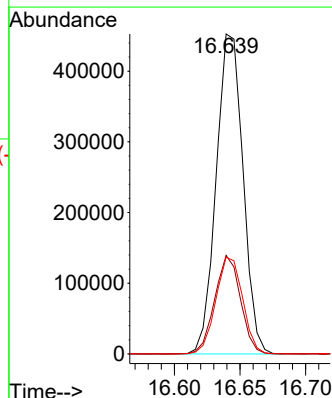
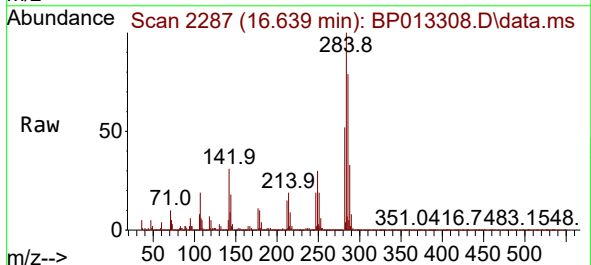
Instrument :
BNA_P
ClientSampleId :

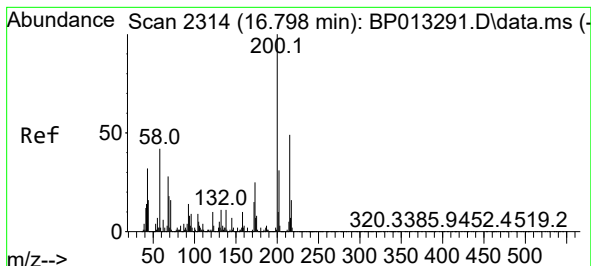
Tgt Ion:248 Resp: 584316
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 63.4 48.3 72.5



#69
Hexachlorobenzene
Concen: 20.953 ng/ul
RT: 16.639 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:284 Resp: 643835
Ion Ratio Lower Upper
284 100
142 30.8 22.6 34.0
249 30.3 24.6 37.0





#70

Atrazine

Concen: 20.084 ng/ul

RT: 16.798 min Scan# 2314

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

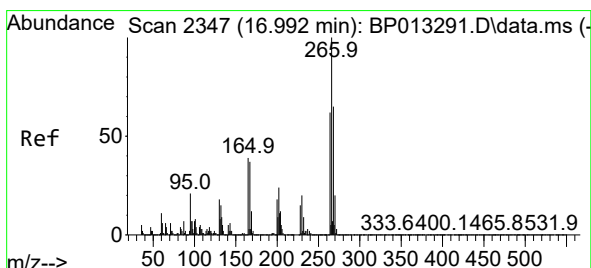
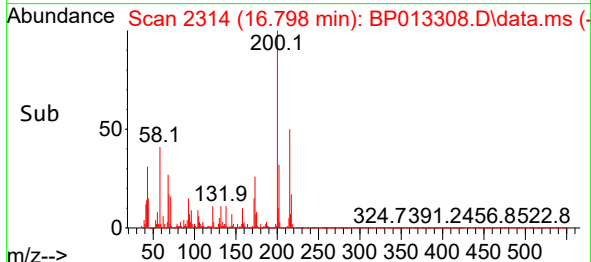
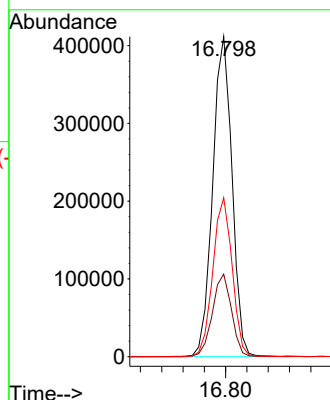
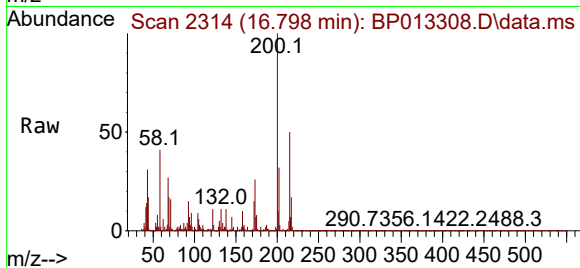
Tgt Ion:200 Resp: 517067

Ion Ratio Lower Upper

200 100

173 25.8 20.5 30.7

215 49.6 39.9 59.9



#71

Pentachlorophenol

Concen: 17.862 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

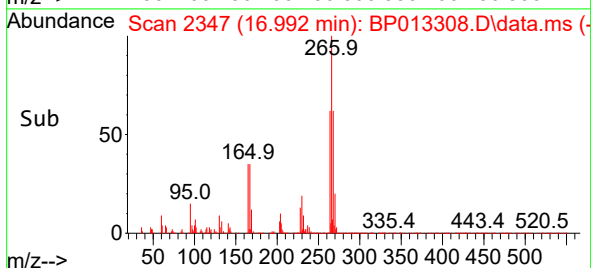
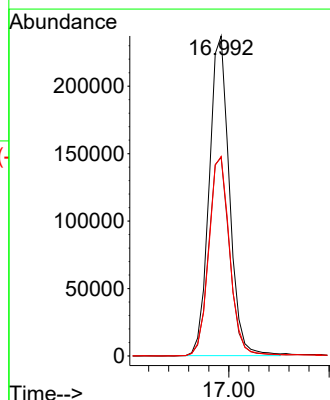
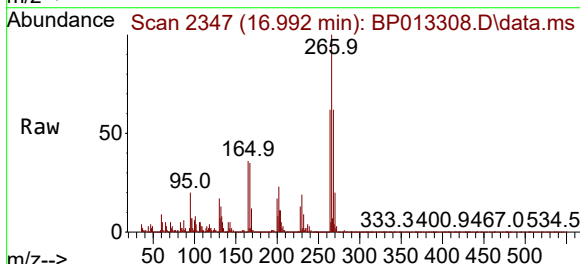
Tgt Ion:266 Resp: 332395

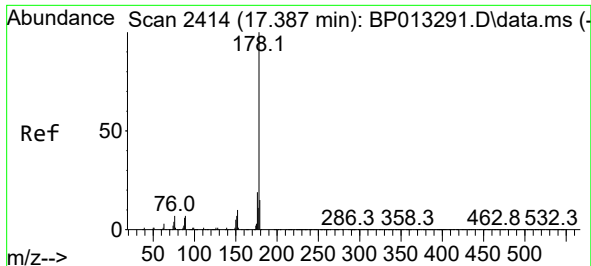
Ion Ratio Lower Upper

266 100

264 62.0 50.9 76.3

268 62.3 51.4 77.2

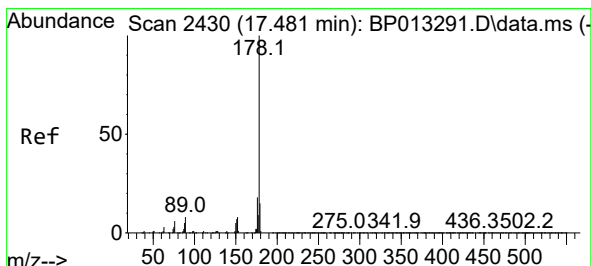
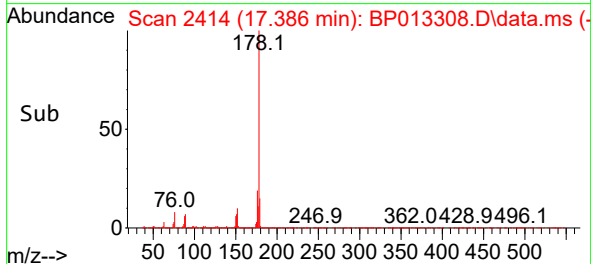
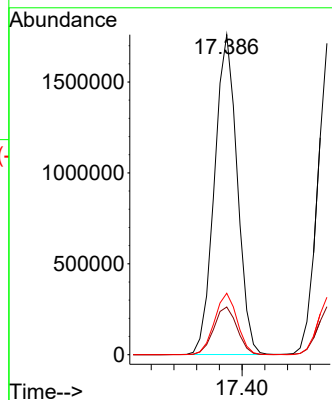
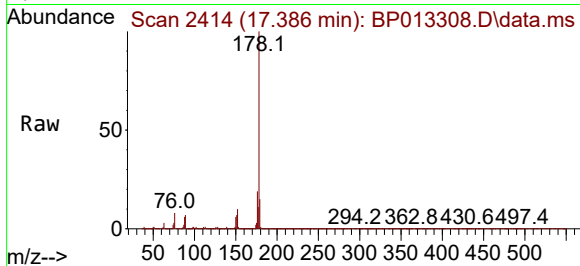




#72
Phenanthrene
Concen: 19.708 ng/ul
RT: 17.386 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

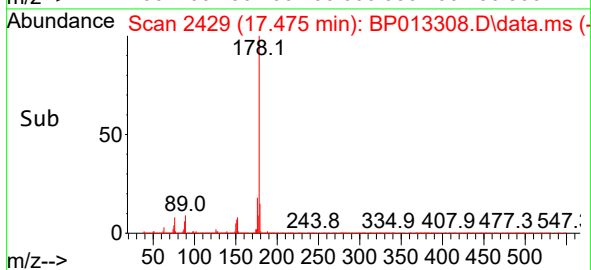
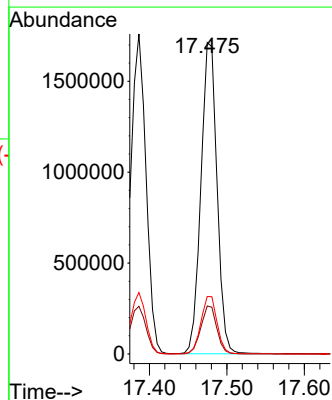
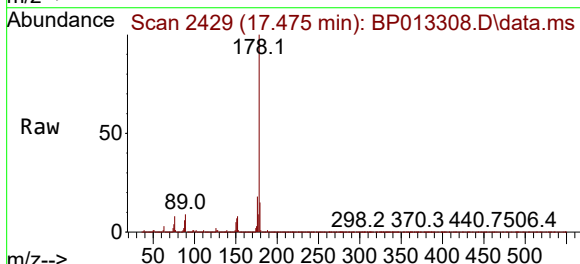
Instrument :
BNA_P
ClientSampleId :

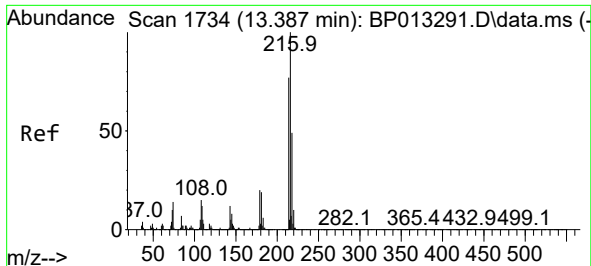
Tgt Ion:178 Resp: 2446178
Ion Ratio Lower Upper
178 100
179 14.9 12.5 18.7
176 19.2 15.4 23.0



#74
Anthracene
Concen: 19.959 ng/ul
RT: 17.475 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:178 Resp: 2473626
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.5 14.8 22.2

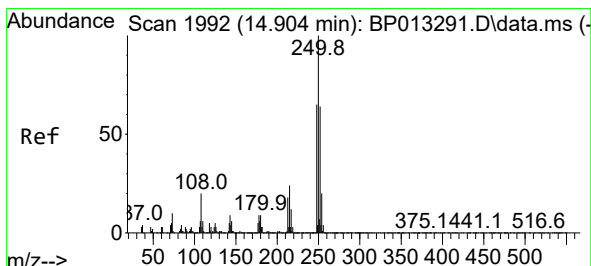
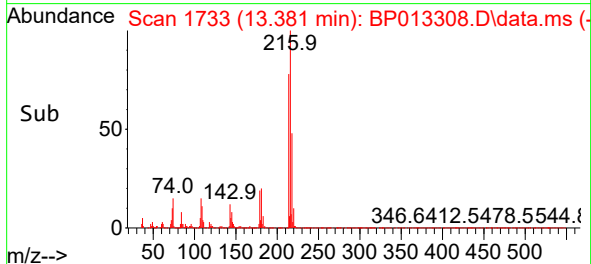
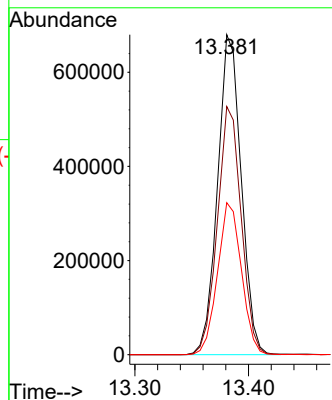
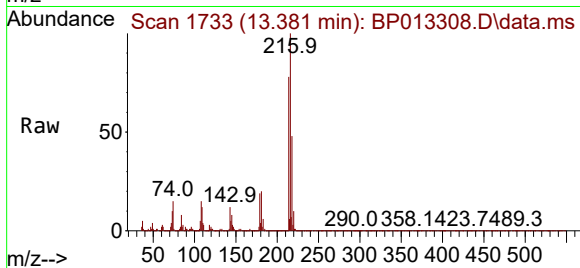




#75
1,2,3,4-Tetrachlorobenzene
Concen: 28.990 ng/uL
RT: 13.381 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

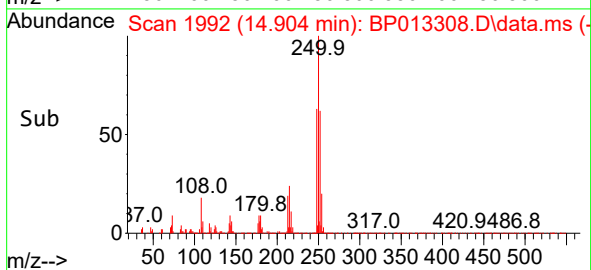
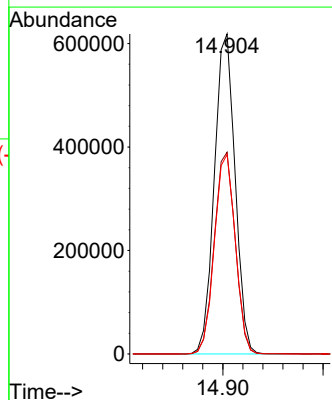
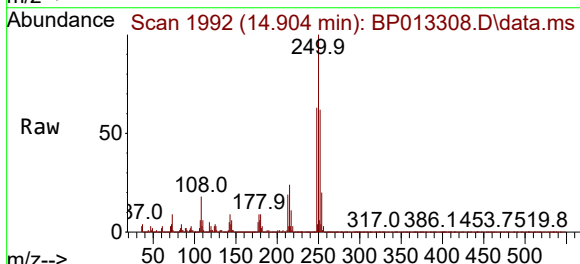
Instrument :
BNA_P
ClientSampleId :

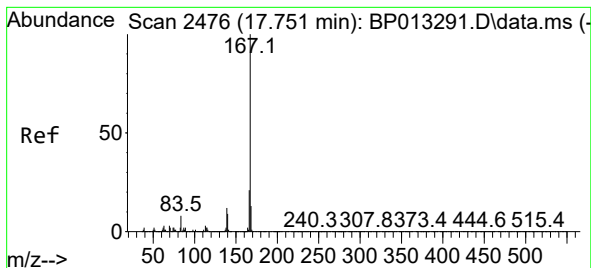
Tgt Ion:216 Resp: 985637
Ion Ratio Lower Upper
216 100
214 77.5 62.2 93.2
218 47.5 38.9 58.3



#76
Pentachlorobenzene
Concen: 25.632 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:250 Resp: 888496
Ion Ratio Lower Upper
250 100
248 63.0 50.6 76.0
252 62.4 51.1 76.7





#77

Carbazole

Concen: 19.521 ng/ul

RT: 17.751 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

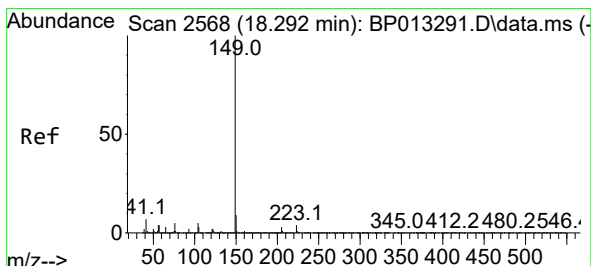
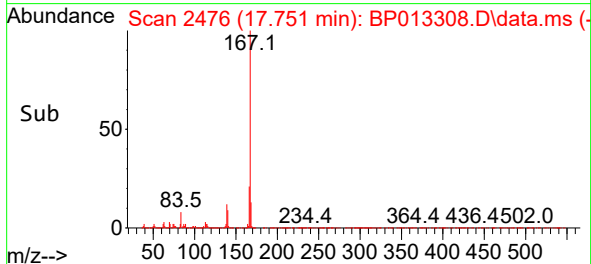
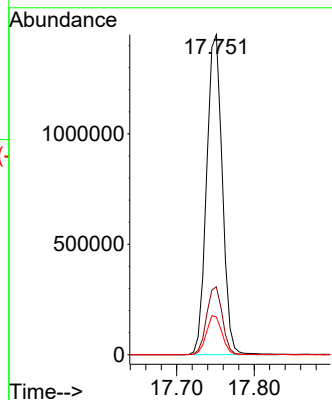
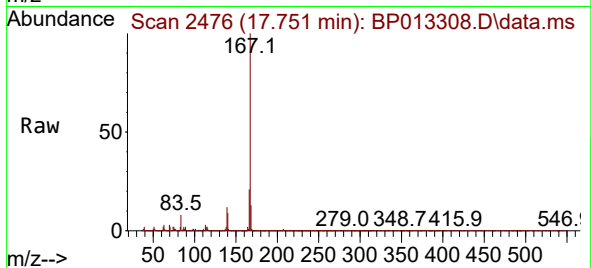
Tgt Ion:167 Resp: 2037420

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 11.8 9.4 14.2



#78

Di-n-butylphthalate

Concen: 19.281 ng/ul

RT: 18.286 min Scan# 2567

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

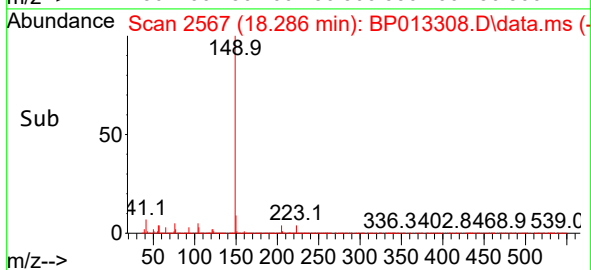
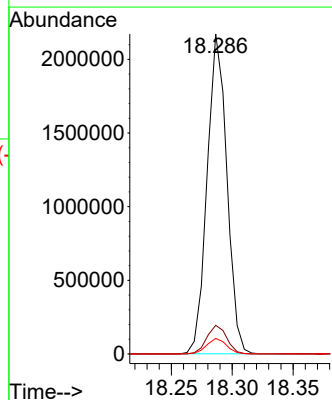
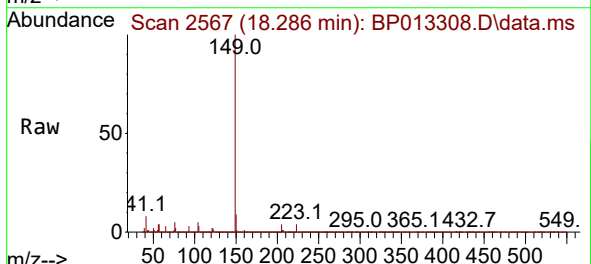
Tgt Ion:149 Resp: 2450221

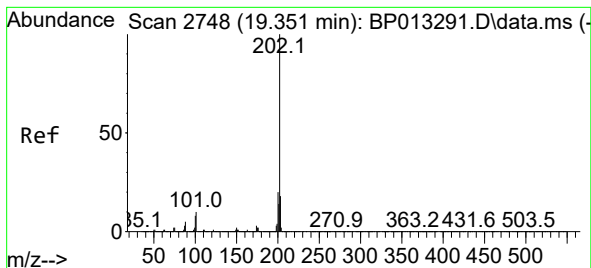
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.8 3.8 5.6





#80

Fluoranthene

Concen: 18.360 ng/ul

RT: 19.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

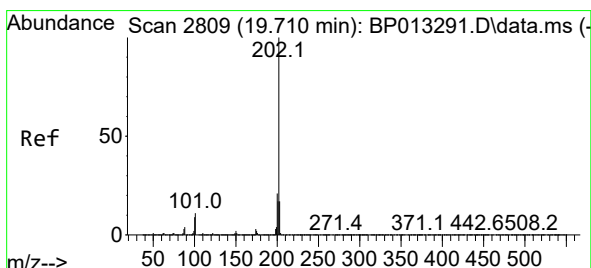
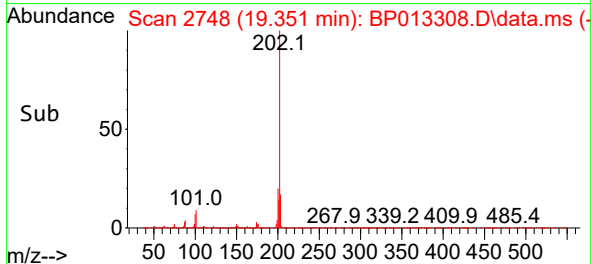
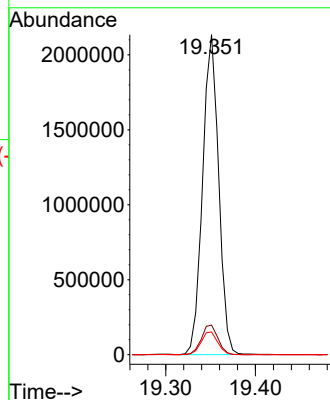
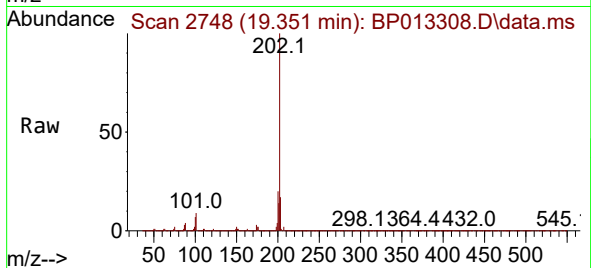
Tgt Ion:202 Resp: 2649159

Ion Ratio Lower Upper

202 100

101 9.3 8.2 12.2

100 7.1 6.1 9.1



#82

Pyrene

Concen: 18.699 ng/ul

RT: 19.704 min Scan# 2808

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

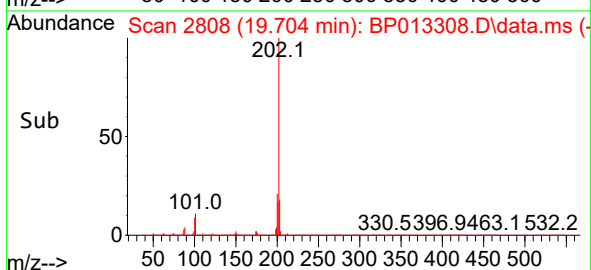
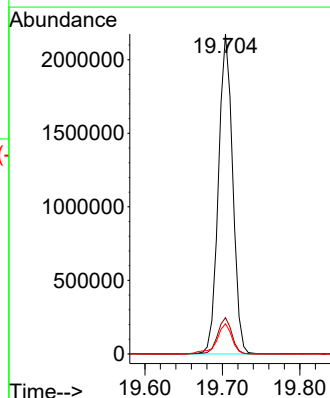
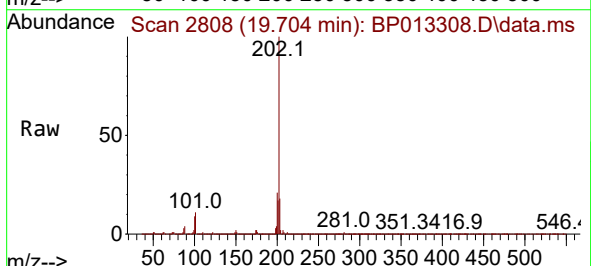
Tgt Ion:202 Resp: 2783126

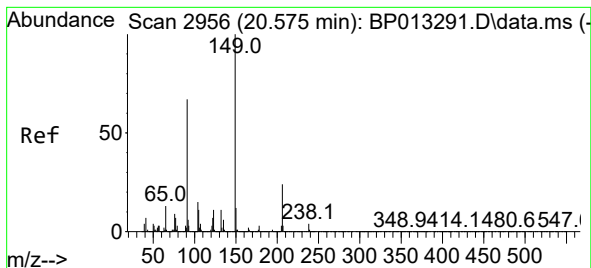
Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

100 9.5 7.8 11.8





#83

Butylbenzylphthalate

Concen: 16.727 ng/ul

RT: 20.569 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

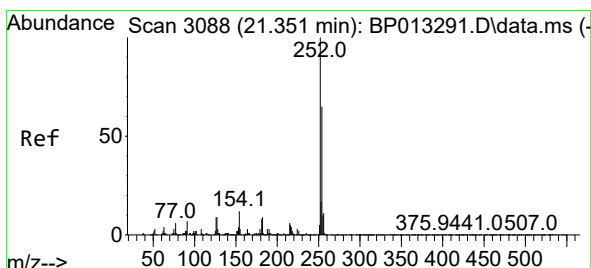
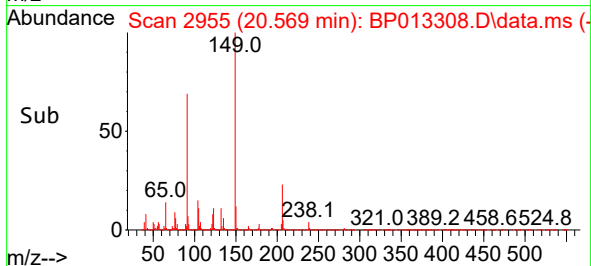
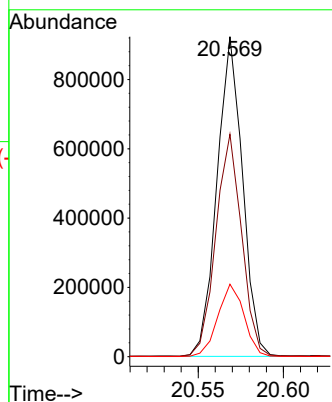
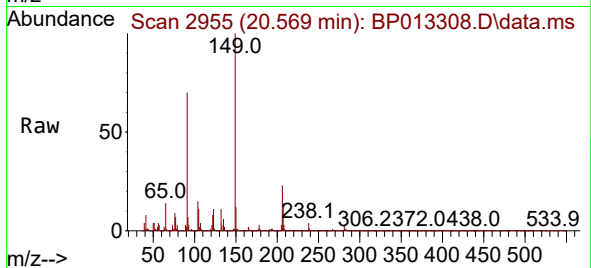
Tgt Ion:149 Resp: 961786

Ion Ratio Lower Upper

149 100

91 69.5 53.4 80.0

206 22.7 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 17.360 ng/ul

RT: 21.345 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

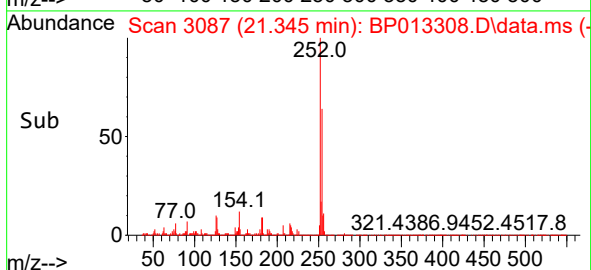
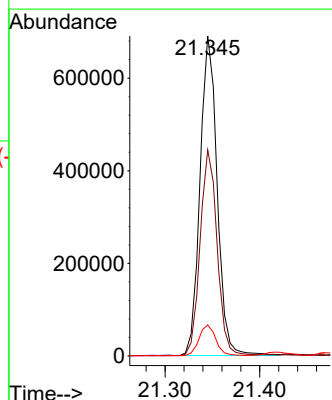
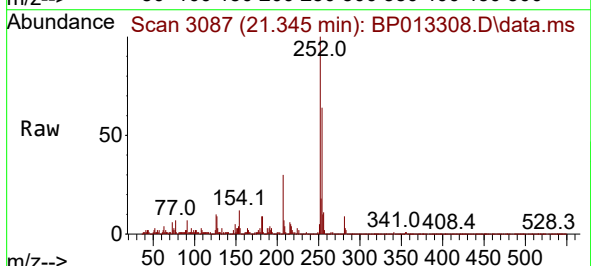
Tgt Ion:252 Resp: 868578

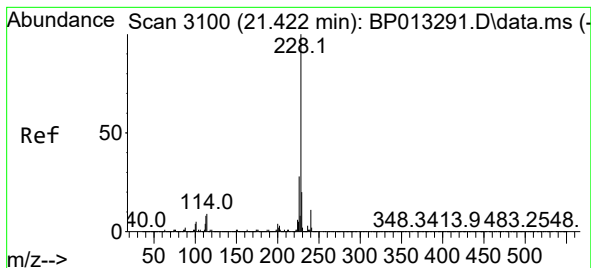
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.8

126 9.7 7.4 11.2





#85

Benzo(a)anthracene

Concen: 19.861 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

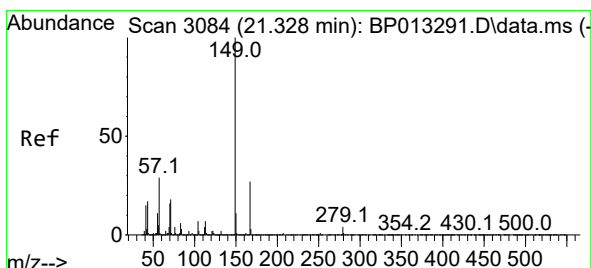
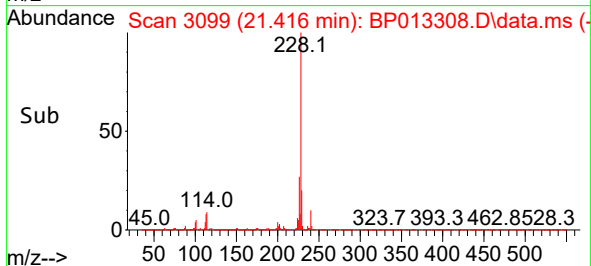
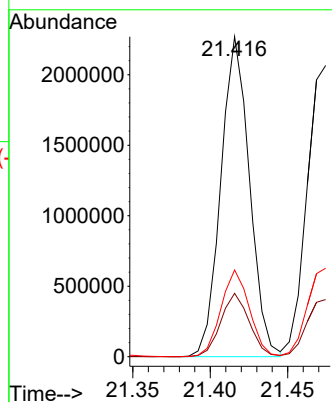
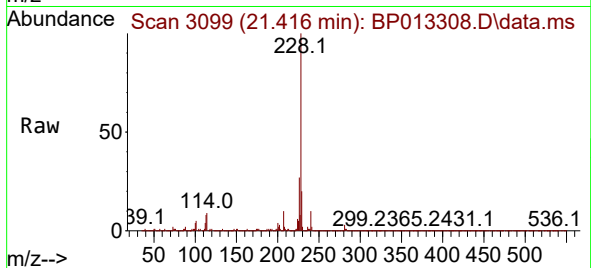
Tgt Ion:228 Resp: 2920017

Ion Ratio Lower Upper

228 100

229 19.8 16.1 24.1

226 27.1 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 16.934 ng/ul

RT: 21.327 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

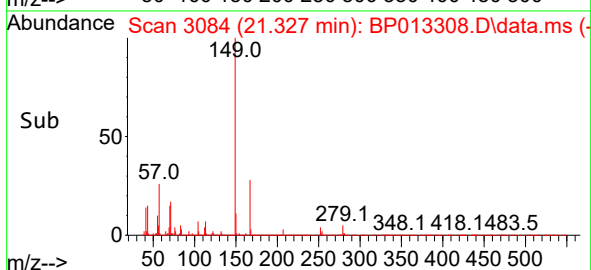
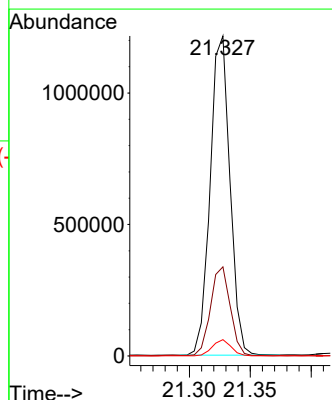
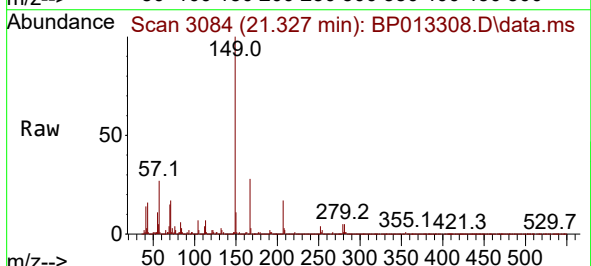
Tgt Ion:149 Resp: 1373537

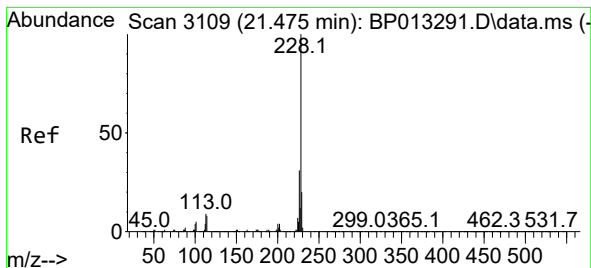
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 5.1 3.8 5.8





#87

Chrysene

Concen: 19.741 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

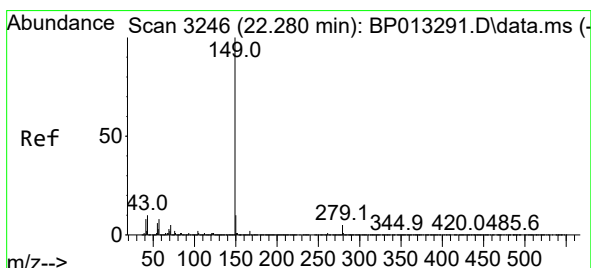
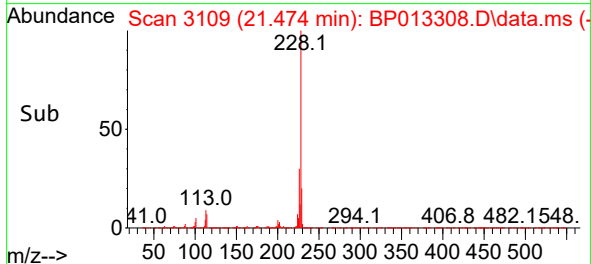
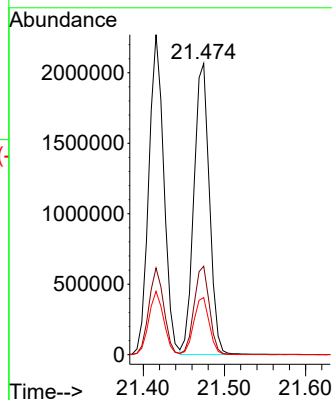
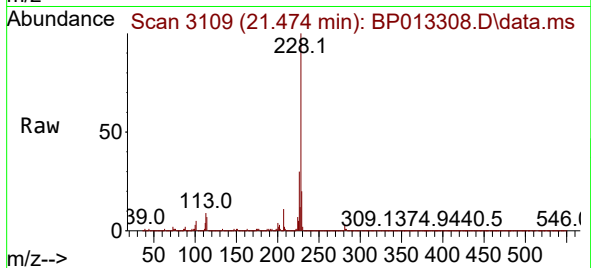
Tgt Ion:228 Resp: 2744806

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.6 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 17.100 ng/ul

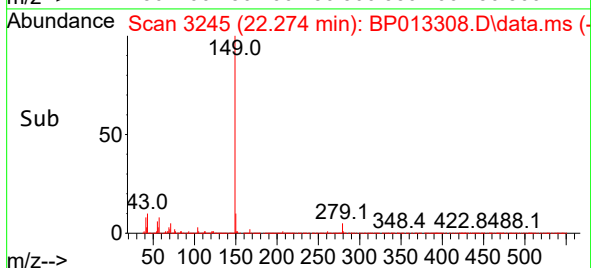
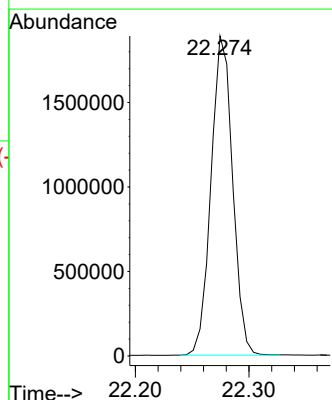
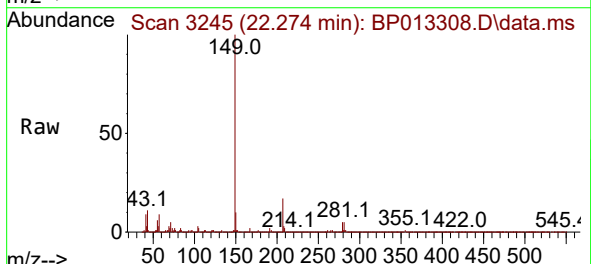
RT: 22.274 min Scan# 3245

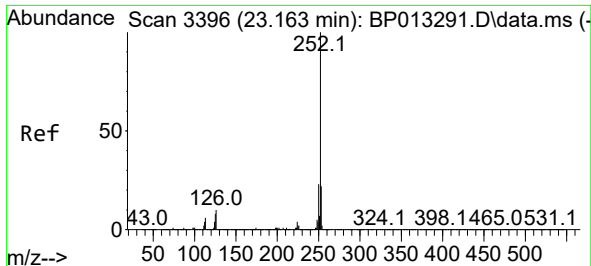
Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Tgt Ion:149 Resp: 2494473

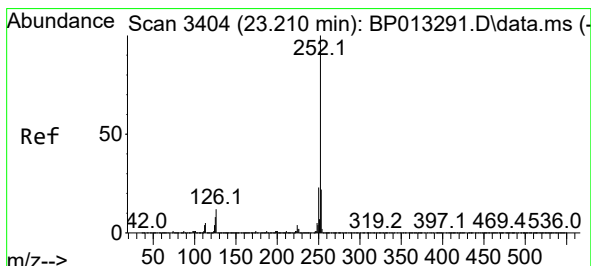
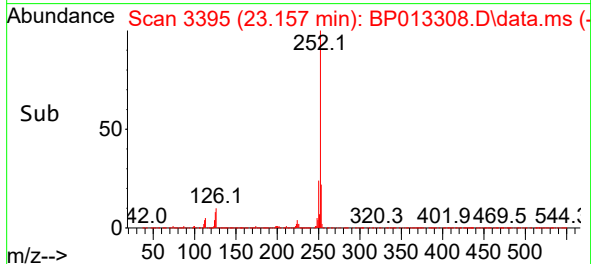
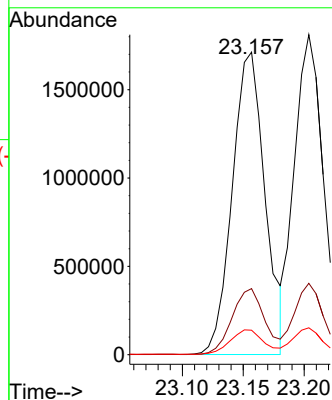
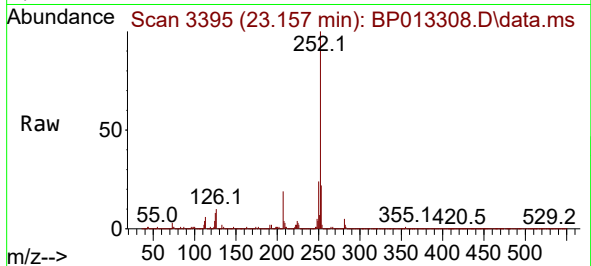




#90
Benzo(b)fluoranthene
Concen: 19.240 ng/ul
RT: 23.157 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

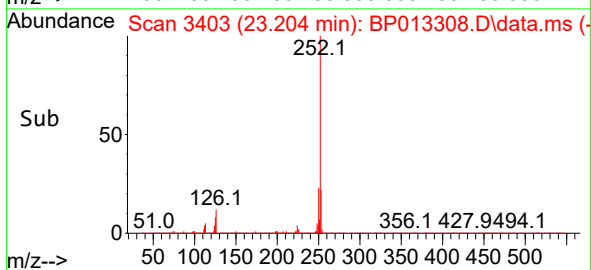
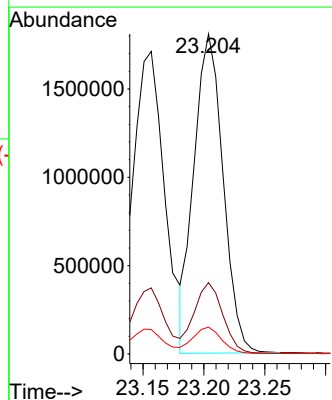
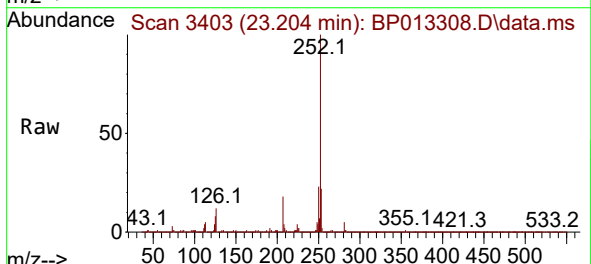
Instrument :
BNA_P
ClientSampleId :

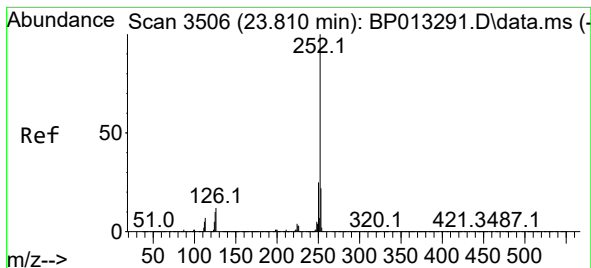
Tgt Ion:252 Resp: 3194614
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.1 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 18.196 ng/ul
RT: 23.204 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:252 Resp: 2996006
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.4 6.8 10.2





#93

Benzo(a)pyrene

Concen: 19.358 ng/ul

RT: 23.804 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

Instrument :

BNA_P

ClientSampleId :

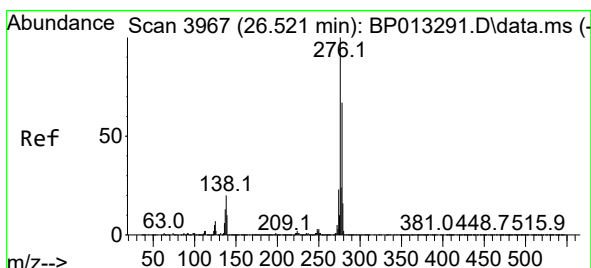
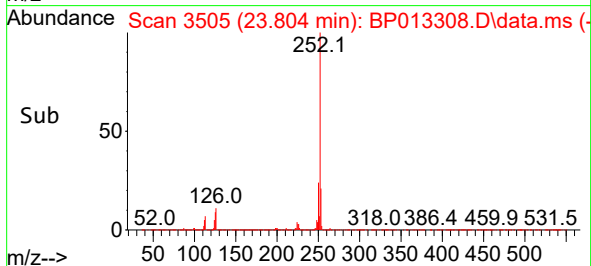
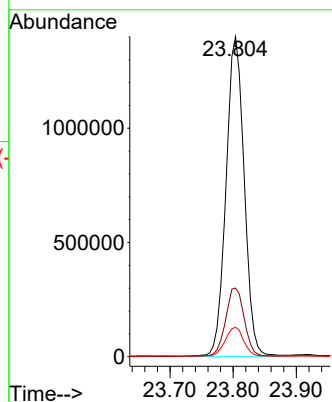
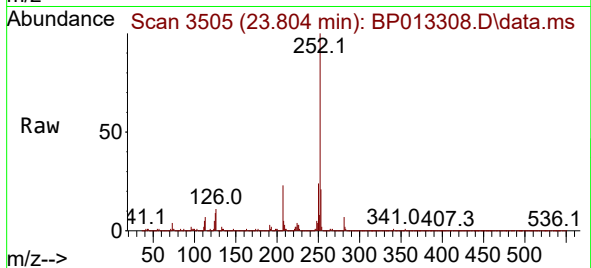
Tgt Ion:252 Resp: 2798696

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.2 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.907 ng/ul

RT: 26.510 min Scan# 3965

Delta R.T. -0.006 min

Lab File: BP013308.D

Acq: 24 Dec 2022 19:46

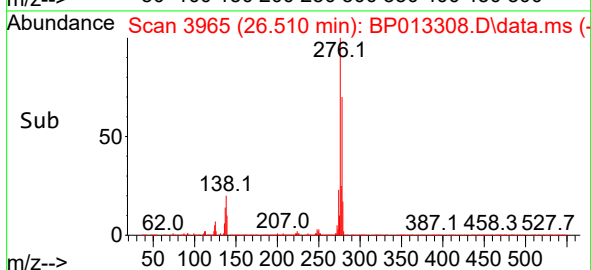
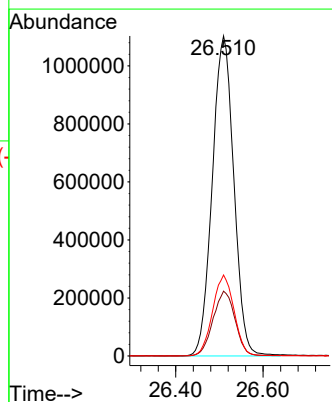
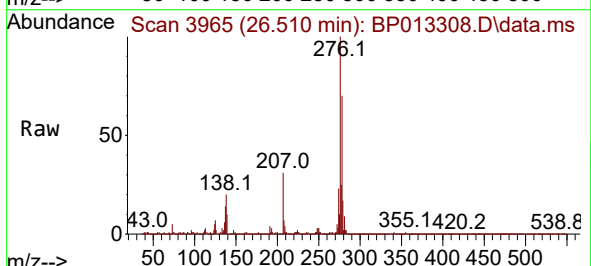
Tgt Ion:276 Resp: 3765119

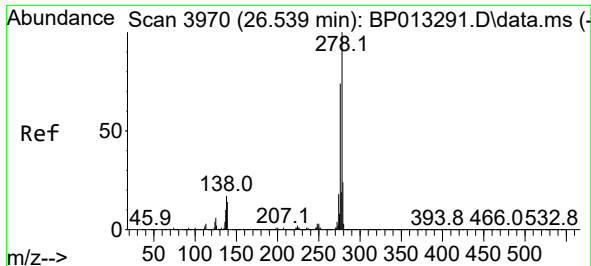
Ion Ratio Lower Upper

276 100

138 20.3 17.1 25.7

277 25.3 20.0 30.0

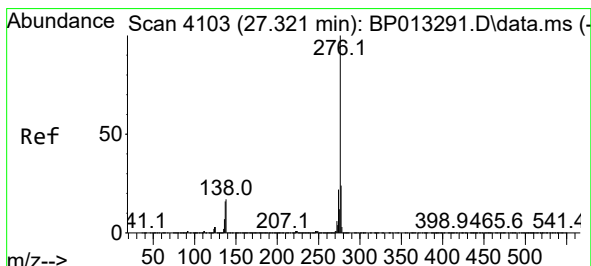
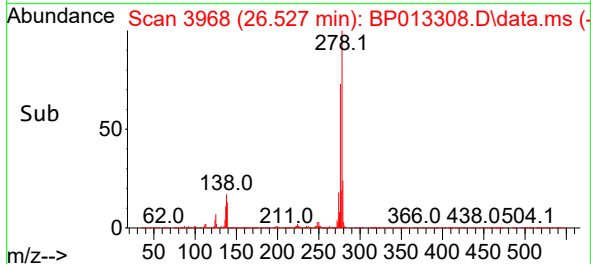
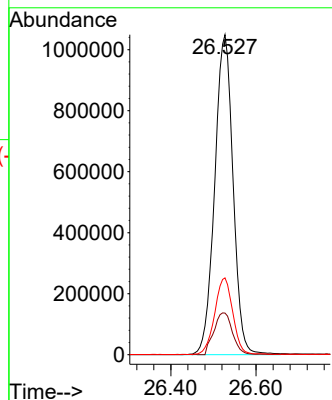
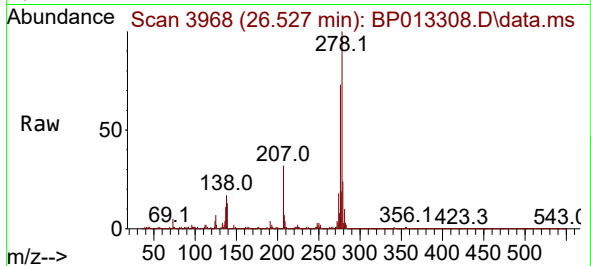




#95
Dibenzo(a,h)anthracene
Concen: 21.056 ng/ul
RT: 26.527 min Scan# 3970
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 3139568
Ion Ratio Lower Upper
278 100
139 13.0 11.1 16.7
279 24.0 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 21.201 ng/ul
RT: 27.309 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BP013308.D
Acq: 24 Dec 2022 19:46

Tgt Ion:276 Resp: 3065162
Ion Ratio Lower Upper
276 100
138 17.1 15.4 23.2
277 22.9 19.1 28.7

