

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013291.D
 Acq On : 24 Dec 2022 10:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 25 00:19:17 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	564237	20.000	ng/u1	0.00
20) Naphthalene-d8	10.758	136	2153338	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1132572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2243783	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2440922	20.000	ng/u1	0.00
88) Perylene-d12	23.922	264	2802930	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	107753	8.165	ng/uL	0.00
4) Pyridine-d5	3.758	84	777856	20.750	ng/u1	0.00
7) Phenol-d5	7.105	99	940214	20.458	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	586829	21.167	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	758440	20.964	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	714502	18.974	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	354401	22.400	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	396515	22.262	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	727593	21.031	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	883045	18.080	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1733144	19.911	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	2038475	21.313	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	270419	17.271	ng/u1	0.00
60) Fluorene-d10	15.581	176	1430100	19.420	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	199849	13.841	ng/u1	0.00
73) Anthracene-d10	17.445	188	2126170	21.004	ng/u1	0.00
81) Pyrene-d10	19.681	212	2712589	19.361	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.763	264	2898258	20.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	114152	8.286	ng/uL	95
5) Pyridine	3.776	79	788396	21.161	ng/u1	93
6) Benzaldehyde	7.075	77	370439	20.585	ng/u1	97
8) Phenol	7.134	94	955069	20.553	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.364	93	772750	20.261	ng/u1	97
12) 2-Chlorophenol	7.505	128	771686	20.800	ng/u1	97
13) 2-Methylphenol	8.387	108	704440	19.445	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.464	45	1132607	21.641	ng/u1	97
16) Acetophenone	8.769	105	1134170	19.643	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.752	70	564040	19.426	ng/u1	93
18) 4-Methylphenol	8.716	108	763088	19.017	ng/u1	97
19) Hexachloroethane	9.022	117	299241	20.184	ng/u1	93
22) Nitrobenzene	9.152	77	851974	22.948	ng/u1	97
23) Isophorone	9.681	82	1501380	20.000	ng/u1	98
25) 2-Nitrophenol	9.869	139	419017	21.712	ng/u1	96
26) 2,4-Dimethylphenol	9.928	107	798063	21.194	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.163	93	976418	20.342	ng/u1	100
29) 2,4-Dichlorophenol	10.405	162	709486	20.935	ng/u1	99
30) Naphthalene	10.805	128	2360698	20.962	ng/u1	100
32) 4-Chloroaniline	10.916	127	892885	18.474	ng/u1	99
33) Hexachlorobutadiene	11.087	225	520332	22.362	ng/u1	98
34) Caprolactam	11.705	113	172071	14.891	ng/u1	94
35) 4-Chloro-3-methylphenol	12.040	107	642411	18.575	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	1483372	19.200	ng/u1	99

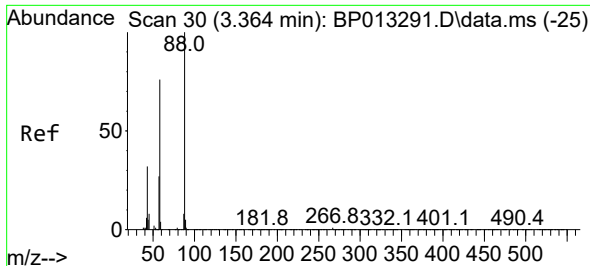
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	1503503	18.923	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	890592	24.421	ng/ul	98
40) Hexachlorocyclopentadiene	12.752	237	212019	8.934	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	530351	22.628	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	556069	22.088	ng/ul	100
43) 1,1'-Biphenyl	13.416	154	1934465	22.742	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1517512	22.668	ng/ul	99
45) 2-Nitroaniline	13.669	65	375046	23.106	ng/ul	92
47) Dimethylphthalate	14.040	163	1733005	20.088	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	320526	19.992	ng/ul	96
50) Acenaphthylene	14.310	152	2195569	21.352	ng/ul	100
51) 3-Nitroaniline	14.493	138	291413	19.249	ng/ul	93
52) Acenaphthene	14.651	153	1487563	20.876	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	108747	9.923	ng/ul	95
55) 4-Nitrophenol	14.804	109	206942	19.370	ng/ul	95
56) Dibenzofuran	14.987	168	2066587	20.398	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	440331	18.907	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	452098	19.678	ng/ul	99
59) Diethylphthalate	15.404	149	1545430	18.427	ng/ul	99
61) Fluorene	15.634	166	1630916	20.073	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	866580	20.168	ng/ul	99
63) 4-Nitroaniline	15.657	138	259176	19.455	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.716	198	199129	14.112	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	1333817	21.442	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	514882	21.130	ng/ul	99
69) Hexachlorobenzene	16.645	284	596981	20.633	ng/ul	99
70) Atrazine	16.798	200	470889	19.425	ng/ul	98
71) Pentachlorophenol	16.992	266	350603	20.009	ng/ul	98
72) Phenanthrene	17.387	178	2444682	20.918	ng/ul	100
74) Anthracene	17.481	178	2507631	21.489	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	849708	26.543	ng/uL	100
76) Pentachlorobenzene	14.904	250	764768	23.431	ng/uL	98
77) Carbazole	17.751	167	2216749	22.556	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2271481	18.983	ng/ul	99
80) Fluoranthene	19.351	202	3072569	19.322	ng/ul	100
82) Pyrene	19.710	202	3259593	19.871	ng/ul	98
83) Butylbenzylphthalate	20.575	149	1152934	18.193	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	1007165	18.265	ng/ul	100
85) Benzo(a)anthracene	21.422	228	3452419	21.306	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.328	149	1679596	18.789	ng/ul	99
87) Chrysene	21.475	228	3218570	21.004	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	3080817	19.620	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	3693456	20.664	ng/ul	100
91) Benzo(k)fluoranthene	23.210	252	3481641	19.644	ng/ul	99
93) Benzo(a)pyrene	23.810	252	3222639	20.707	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	4297138	22.167	ng/ul	98
95) Dibenzo(a,h)anthracene	26.539	278	3556091	22.156	ng/ul	100
96) Benzo(g,h,i)perylene	27.321	276	3504845	22.520	ng/ul	98

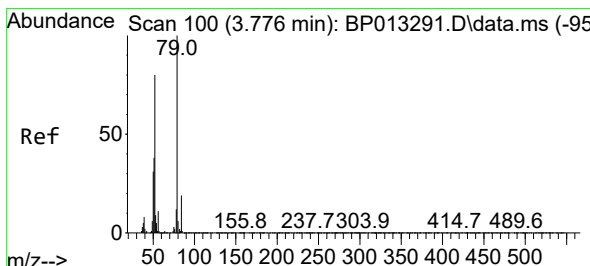
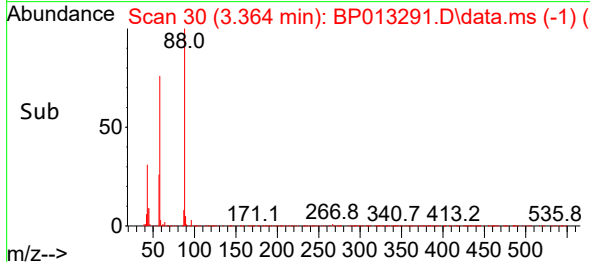
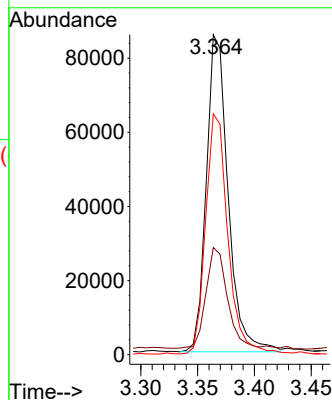
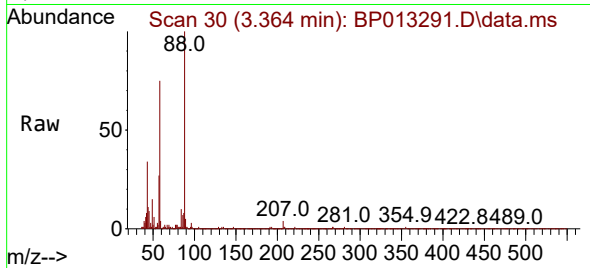
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#2
1,4-Dioxane
Concen: 8.286 ng/uL
RT: 3.364 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP013291.D
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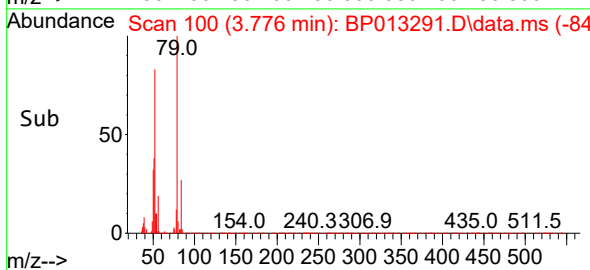
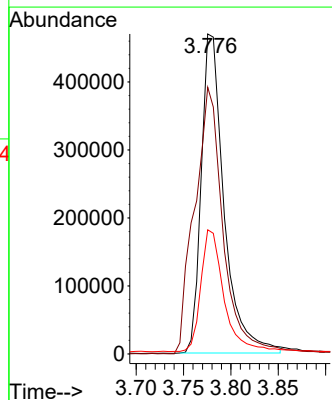
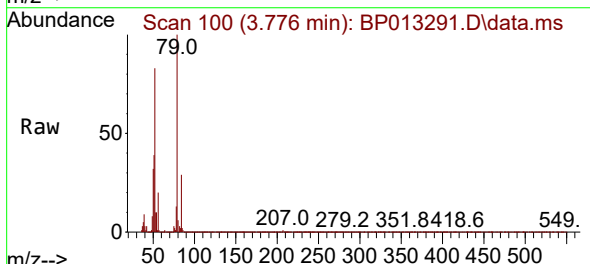
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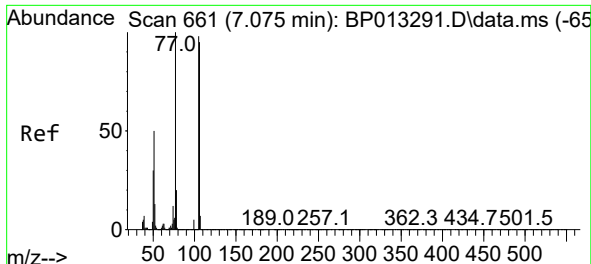
Tgt Ion: 88 Resp: 114152
Ion Ratio Lower Upper
88 100
43 33.5 22.4 33.6
58 75.3 58.2 87.4



#5
Pyridine
Concen: 21.161 ng/uL
RT: 3.776 min Scan# 100
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion: 79 Resp: 788396
Ion Ratio Lower Upper
79 100
52 83.4 60.7 91.1
51 38.8 28.9 43.3

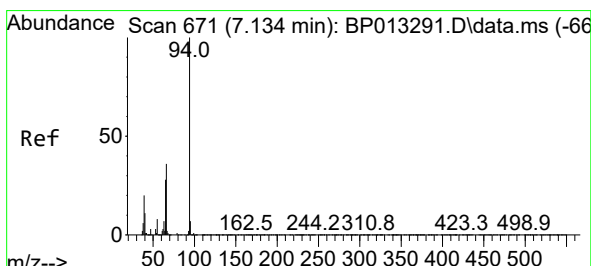
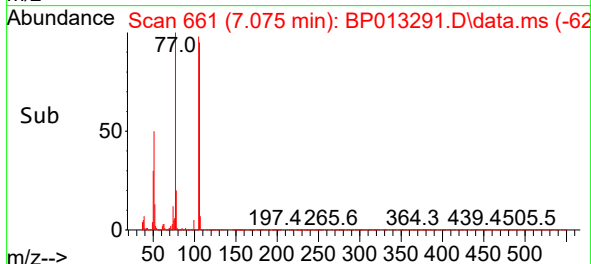
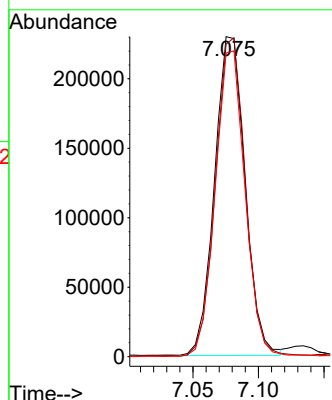
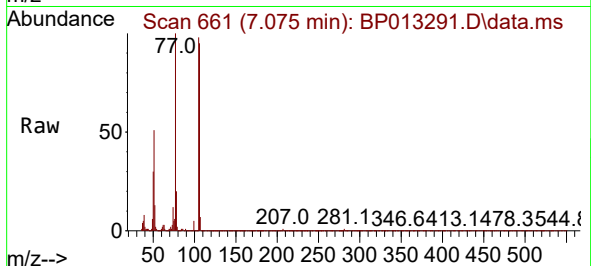




#6
Benzaldehyde
Concen: 20.585 ng/ul
RT: 7.075 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

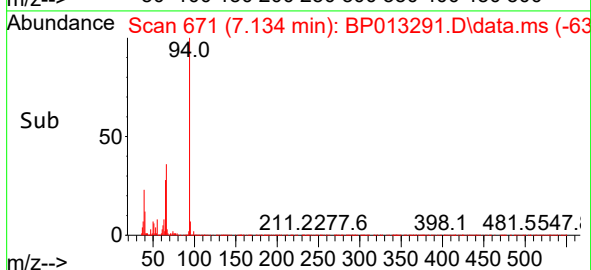
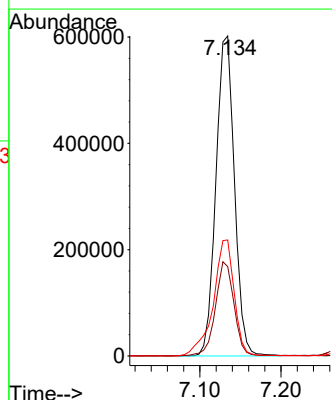
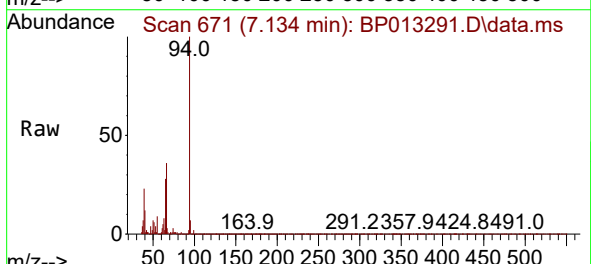
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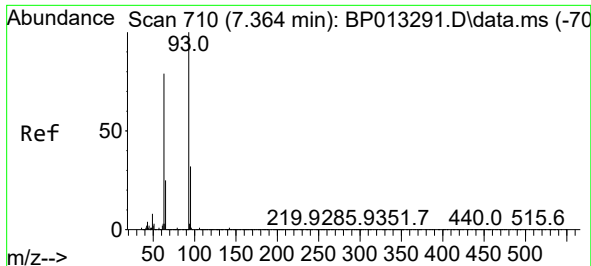
Tgt Ion: 77 Resp: 370439
Ion Ratio Lower Upper
77 100
105 97.7 81.5 122.3
106 94.9 76.9 115.3



#8
Phenol
Concen: 20.553 ng/ul
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion: 94 Resp: 955069
Ion Ratio Lower Upper
94 100
65 27.9 21.1 31.7
66 36.2 27.0 40.6

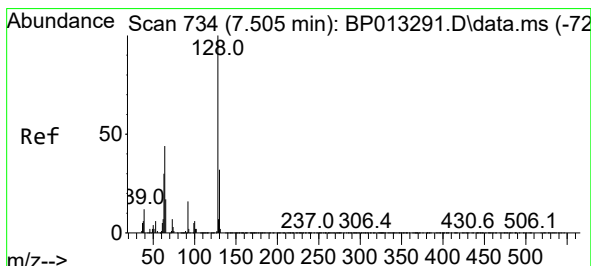
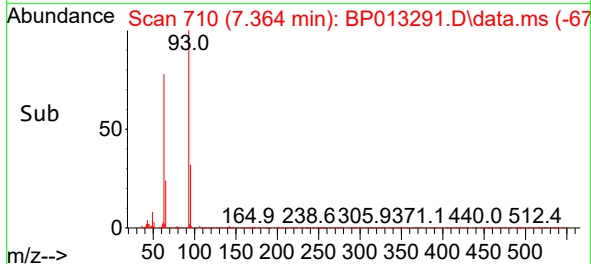
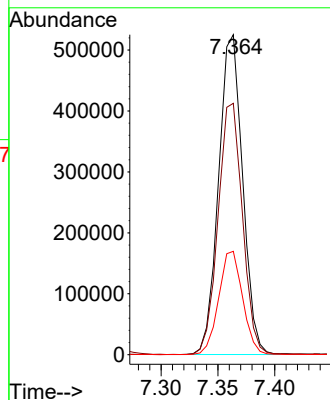
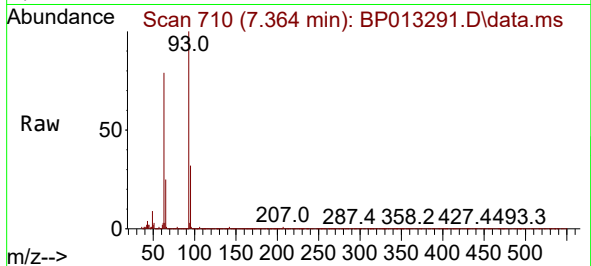




#10
Bis(2-Chloroethyl)ether
Concen: 20.261 ng/ul
RT: 7.364 min Scan# 710
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

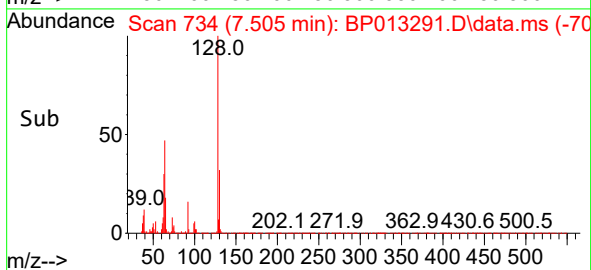
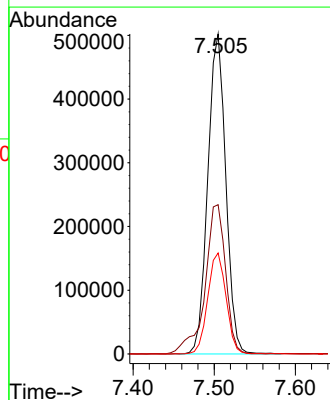
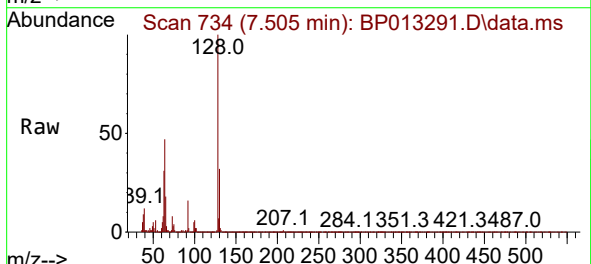
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ClientSampleId :

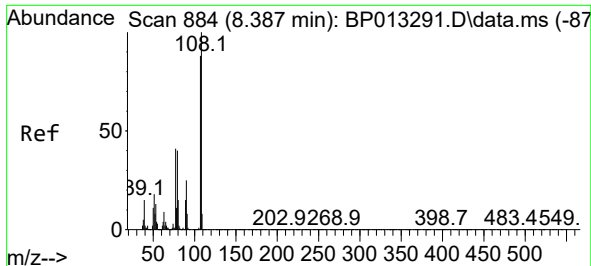
Tgt Ion: 93 Resp: 772750
Ion Ratio Lower Upper
93 100
63 78.5 59.8 89.8
95 32.3 26.4 39.6



#12
2-Chlorophenol
Concen: 20.800 ng/ul
RT: 7.505 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:128 Resp: 771686
Ion Ratio Lower Upper
128 100
64 46.7 34.9 52.3
130 31.6 25.8 38.6





#13

2-Methylphenol

Concen: 19.445 ng/ul

RT: 8.387 min Scan# 884

Delta R.T. -0.006 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

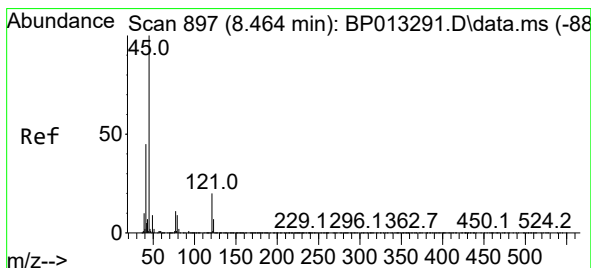
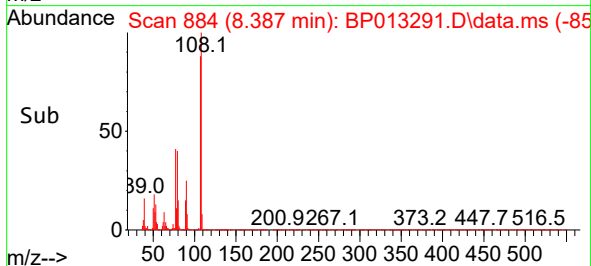
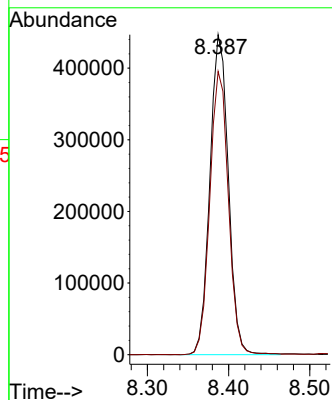
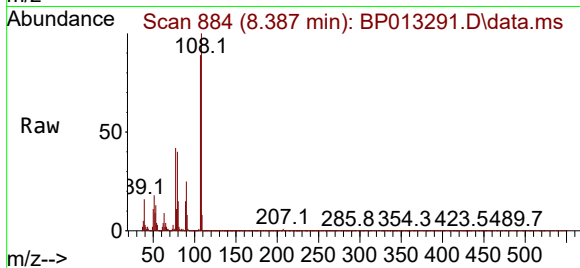
ClientSampleId :

Tgt Ion:108 Resp: 704440

Ion Ratio Lower Upper

108 100

107 88.5 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.641 ng/ul

RT: 8.464 min Scan# 897

Delta R.T. -0.017 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

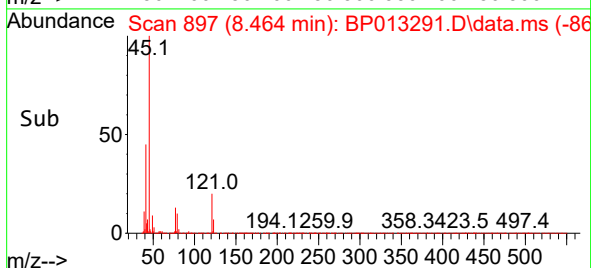
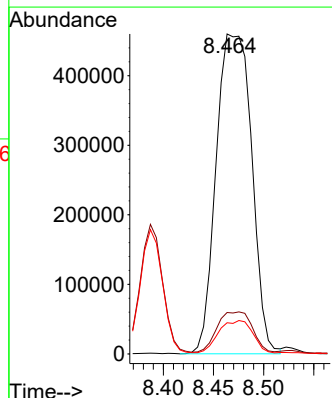
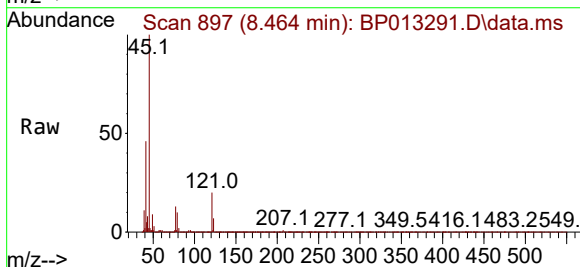
Tgt Ion: 45 Resp: 1132607

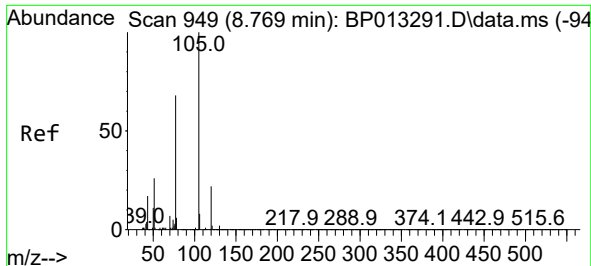
Ion Ratio Lower Upper

45 100

77 12.9 11.0 16.6

79 9.8 9.3 13.9

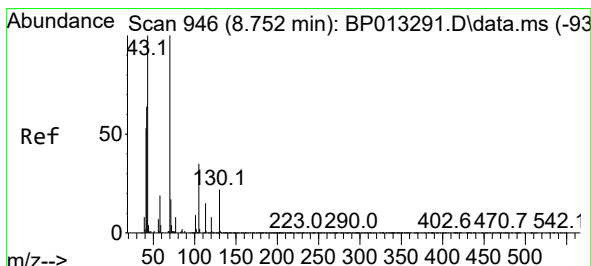
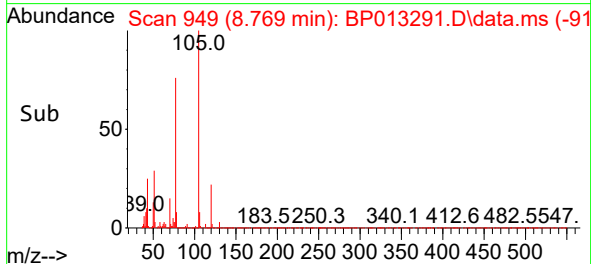
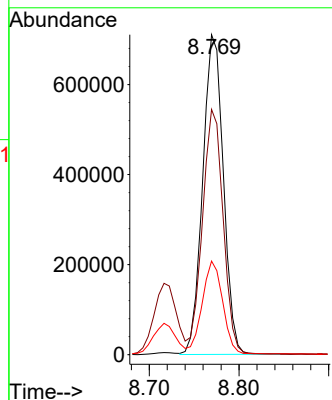
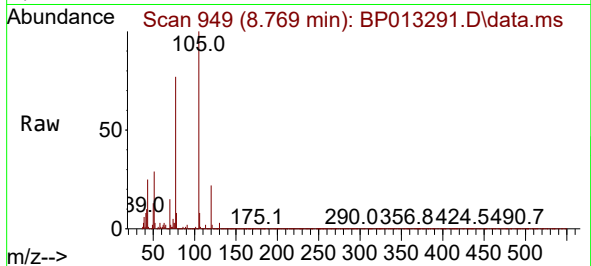




#16
Acetophenone
Concen: 19.643 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

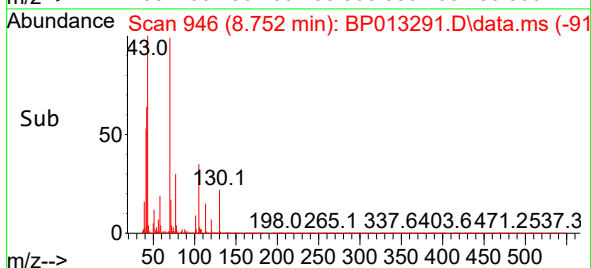
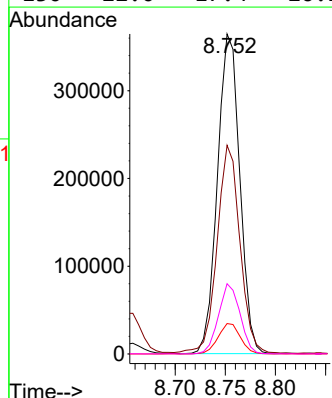
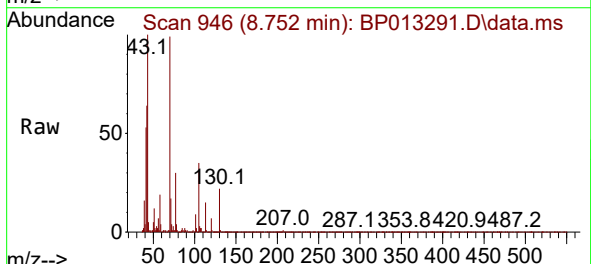
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BNA_P
ClientSampleId :

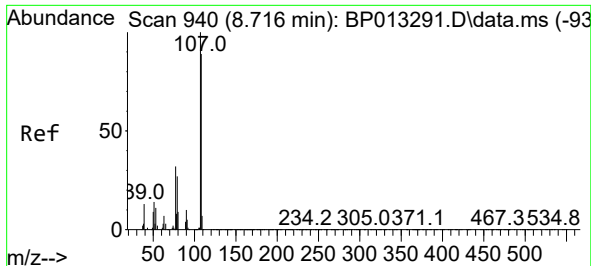
Tgt Ion:105 Resp: 1134170
Ion Ratio Lower Upper
105 100
77 76.6 59.3 88.9
51 29.2 19.6 29.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.426 ng/ul
RT: 8.752 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion: 70 Resp: 564040
Ion Ratio Lower Upper
70 100
42 65.2 45.5 68.3
101 9.5 7.9 11.9
130 22.0 17.4 26.2

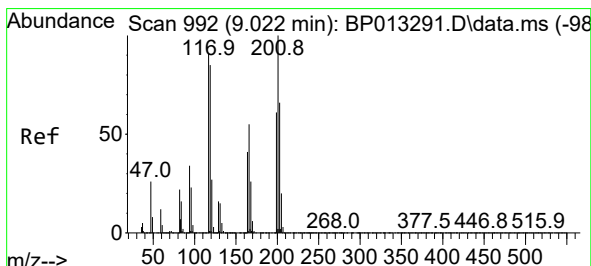
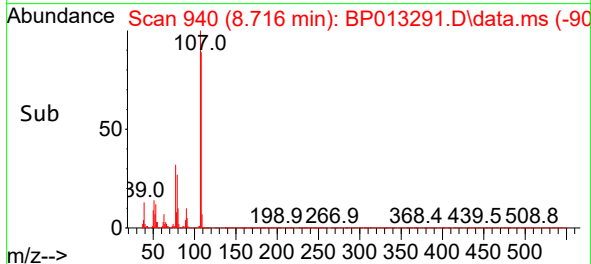
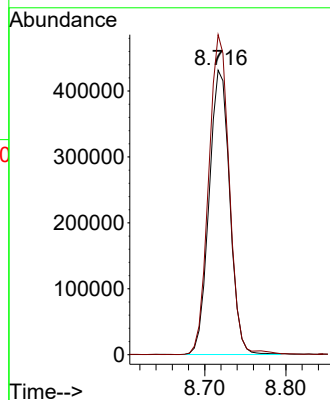
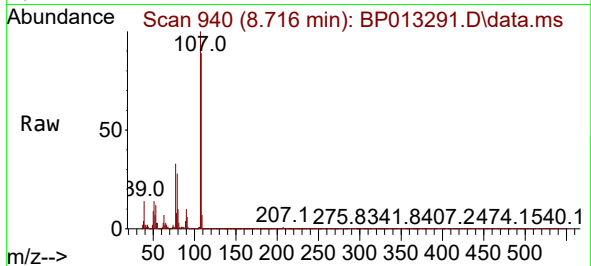




#18
4-Methylphenol
Concen: 19.017 ng/ul
RT: 8.716 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

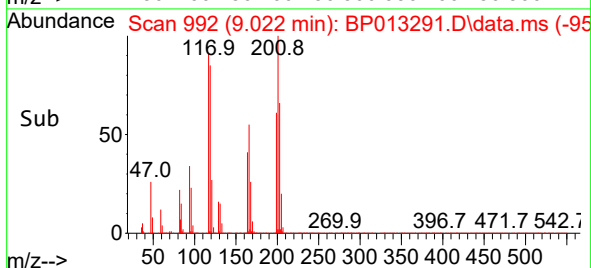
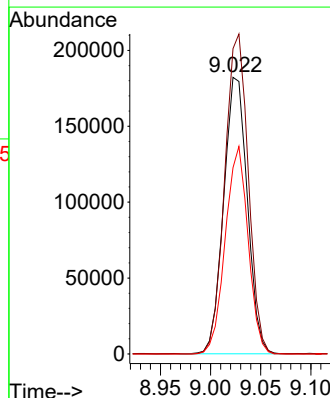
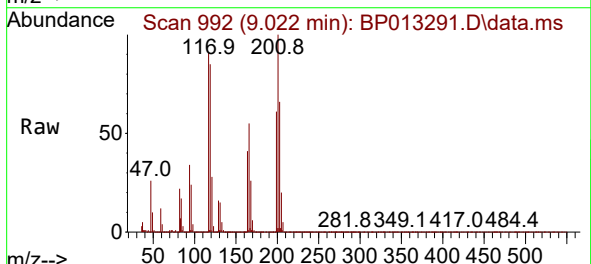
Instrument :
BNA_P
ClientSampleId :

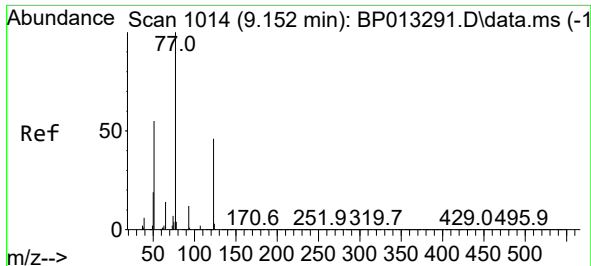
Tgt Ion:108 Resp: 763088
Ion Ratio Lower Upper
108 100
107 112.5 87.4 131.2



#19
Hexachloroethane
Concen: 20.184 ng/ul
RT: 9.022 min Scan# 992
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:117 Resp: 299241
Ion Ratio Lower Upper
117 100
201 110.4 93.7 140.5
199 67.3 58.6 88.0

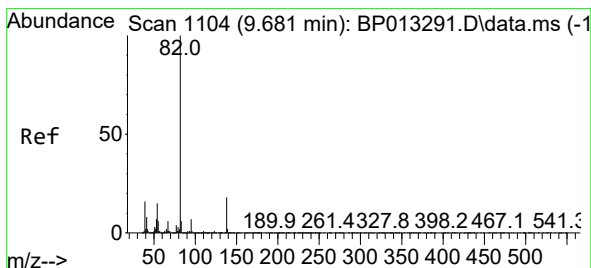
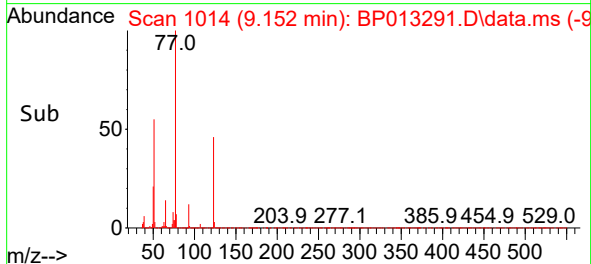
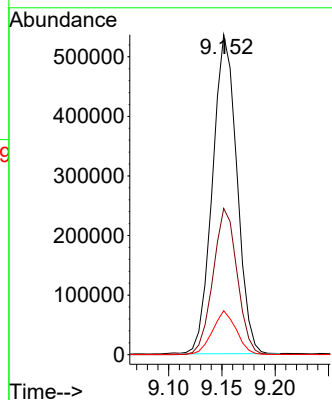
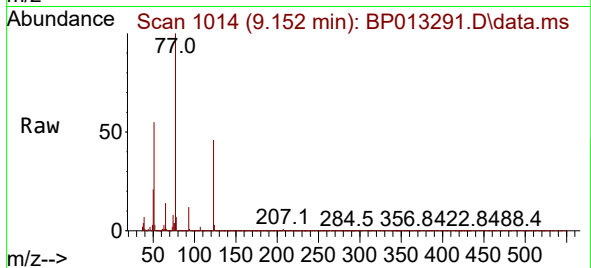




#22
Nitrobenzene
Concen: 22.948 ng/ul
RT: 9.152 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

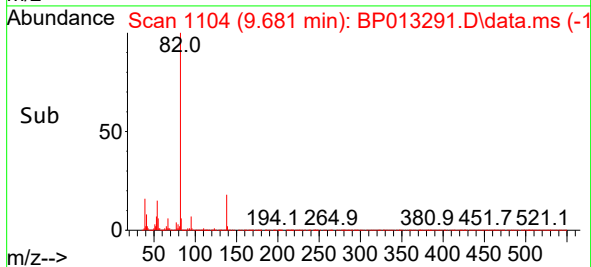
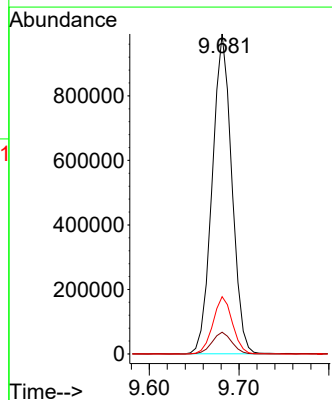
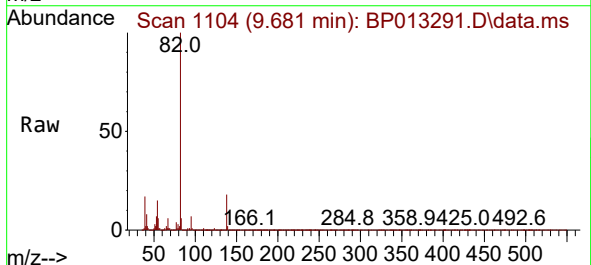
Instrument :
BNA_P
ClientSampleId :

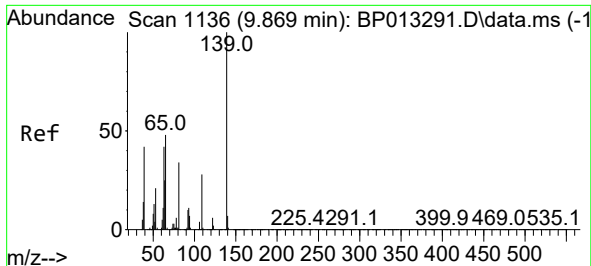
Tgt Ion: 77 Resp: 851974
Ion Ratio Lower Upper
77 100
123 45.7 38.3 57.5
65 13.8 10.3 15.5



#23
Isophorone
Concen: 20.000 ng/ul
RT: 9.681 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion: 82 Resp: 1501380
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.9 15.3 22.9

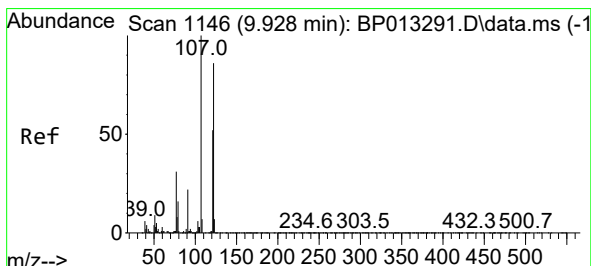
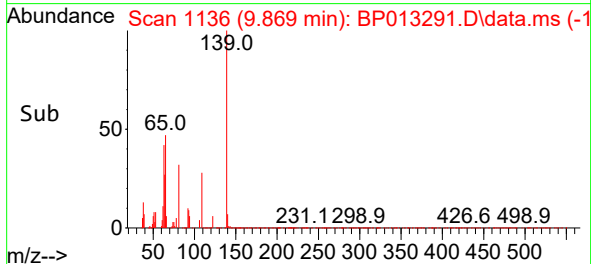
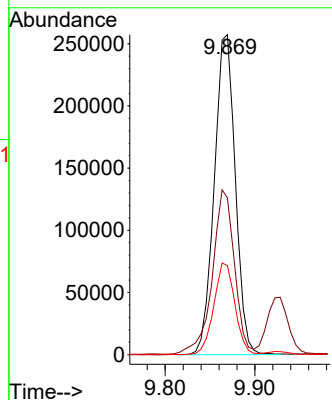
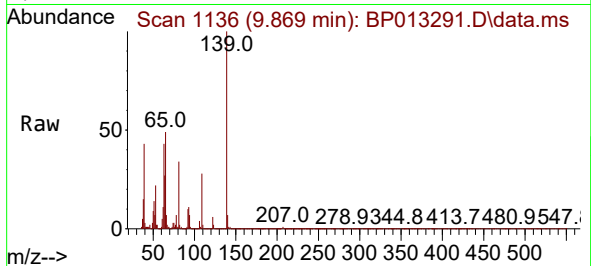




#25
2-Nitrophenol
Concen: 21.712 ng/ul
RT: 9.869 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

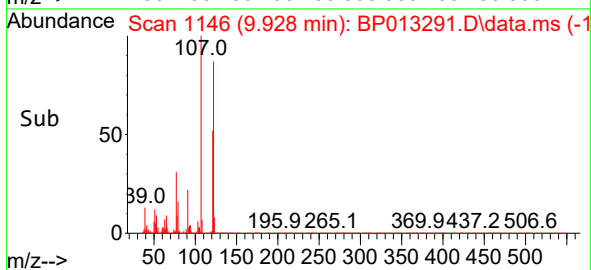
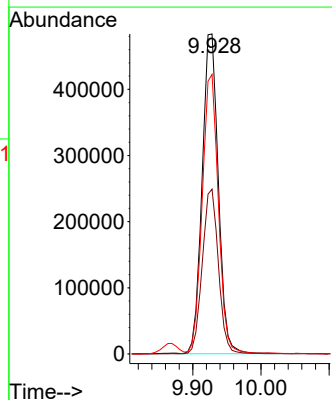
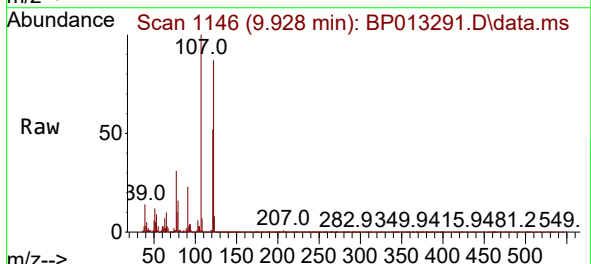
Instrument :
BNA_P
ClientSampleId :

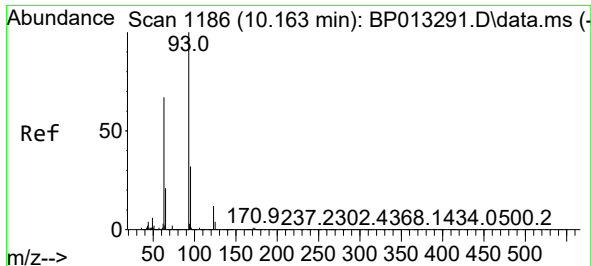
Tgt Ion:139 Resp: 419017
Ion Ratio Lower Upper
139 100
65 49.0 36.6 54.8
109 27.9 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 21.194 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:107 Resp: 798063
Ion Ratio Lower Upper
107 100
121 51.5 41.8 62.6
122 87.4 72.6 108.8

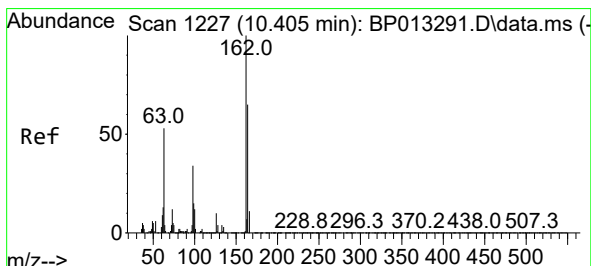
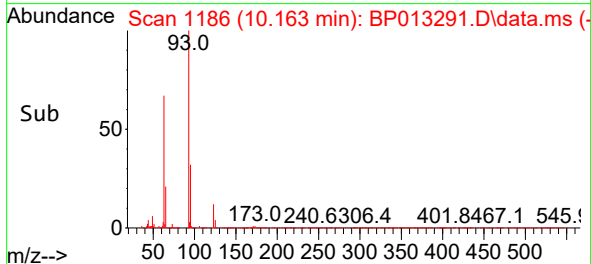
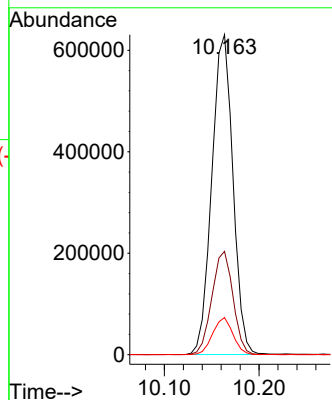
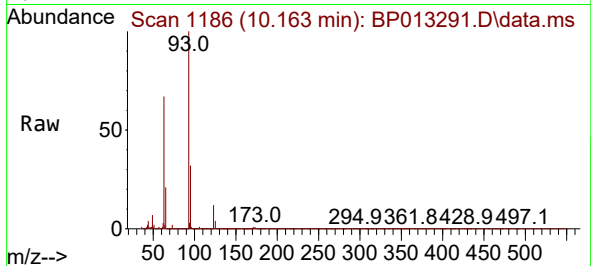




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.342 ng/ul
 RT: 10.163 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BP013291.D
 Acq: 24 Dec 2022 10:11

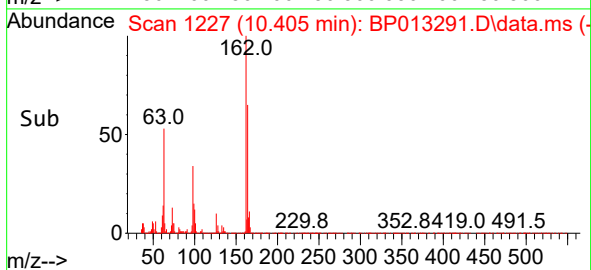
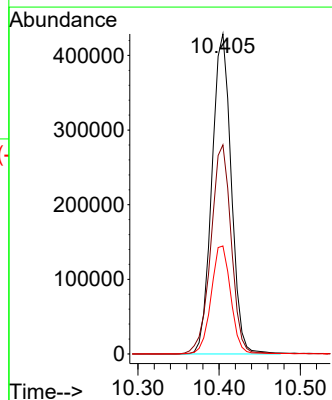
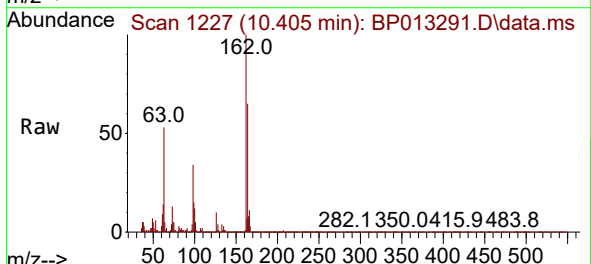
Instrument :
 BNA_P
 ClientSampleId :

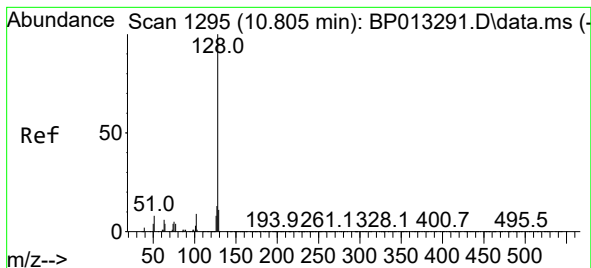
Tgt Ion: 93 Resp: 976418
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 11.6 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 20.935 ng/ul
 RT: 10.405 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: BP013291.D
 Acq: 24 Dec 2022 10:11

Tgt Ion:162 Resp: 709486
 Ion Ratio Lower Upper
 162 100
 164 65.4 52.5 78.7
 98 33.8 26.6 39.8

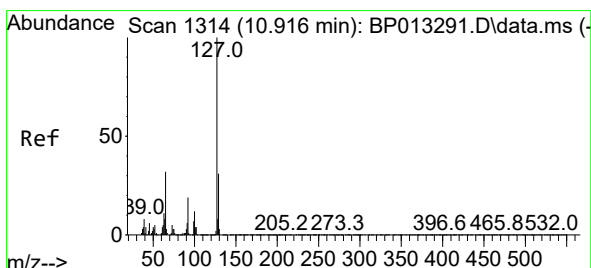
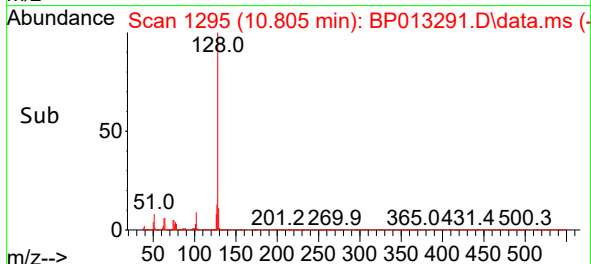
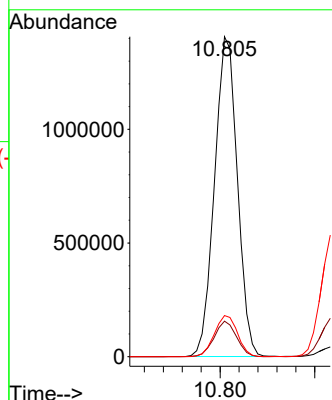
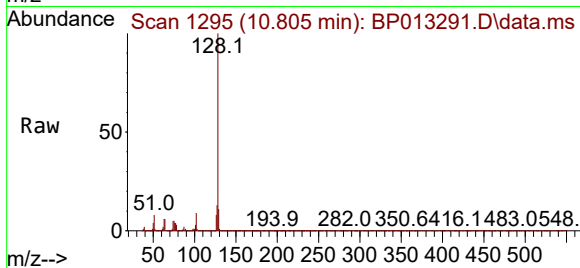




#30
Naphthalene
Concen: 20.962 ng/ul
RT: 10.805 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

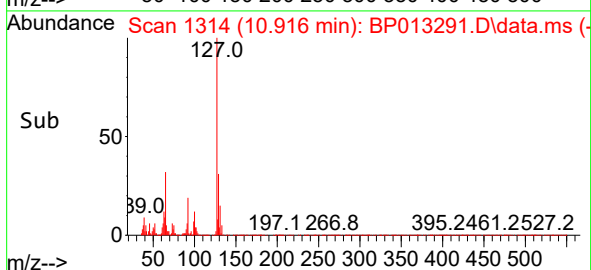
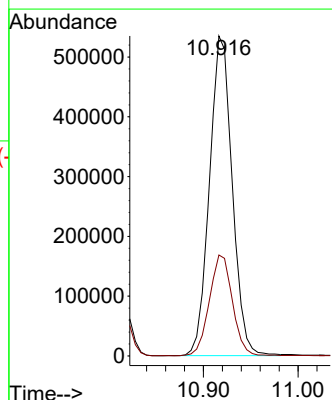
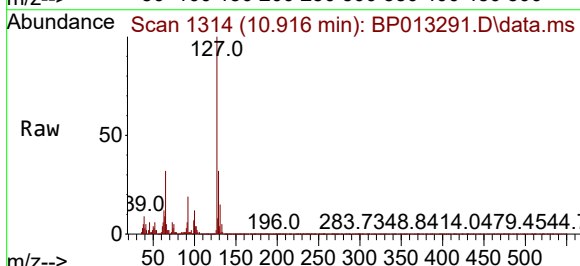
Instrument :
BNA_P
ClientSampleId :

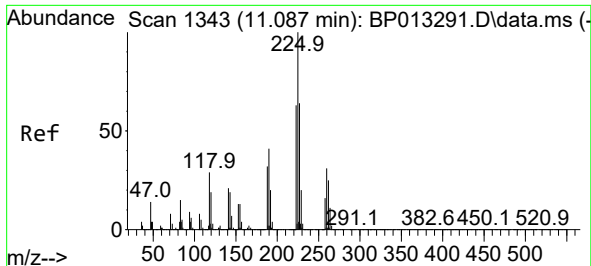
Tgt Ion:128 Resp: 2360698
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 18.474 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:127 Resp: 892885
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4

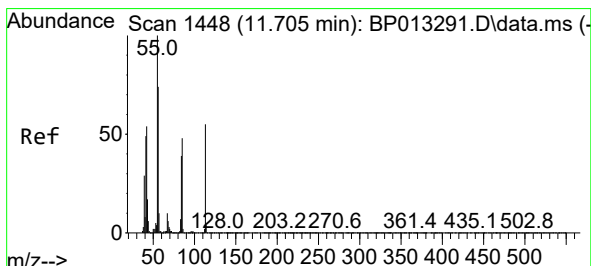
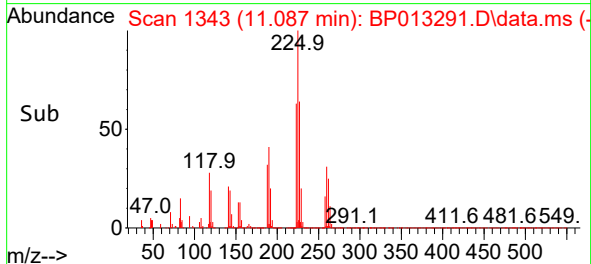
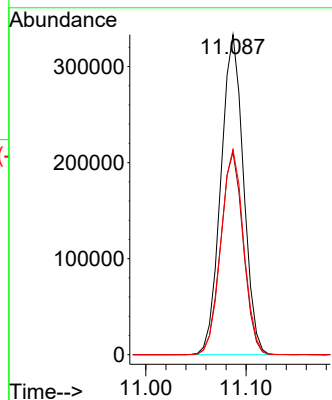
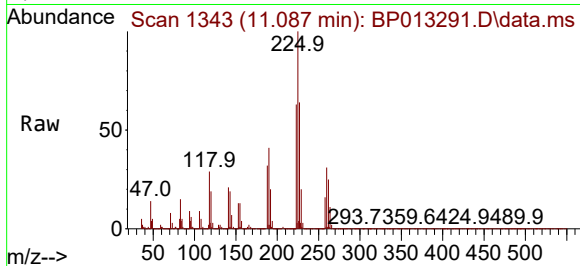




#33
Hexachlorobutadiene
Concen: 22.362 ng/ul
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

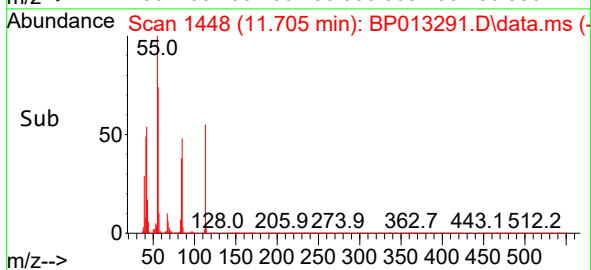
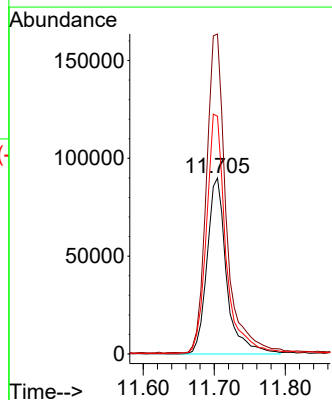
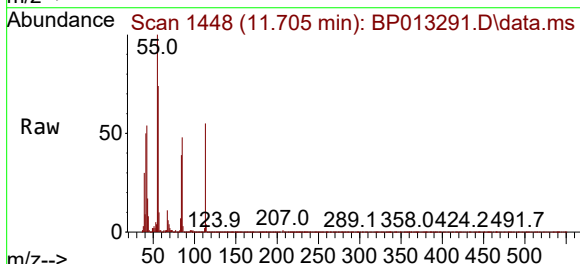
Instrument :
BNA_P
ClientSampleId :

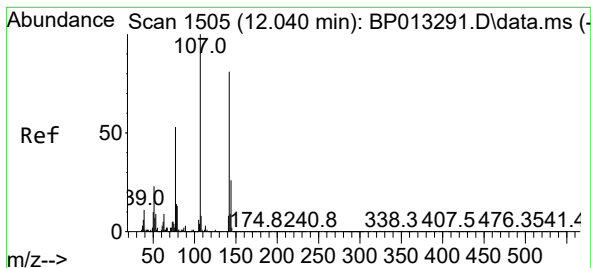
Tgt Ion:225 Resp: 520332
Ion Ratio Lower Upper
225 100
223 63.3 49.2 73.8
227 64.1 50.2 75.2



#34
Caprolactam
Concen: 14.891 ng/ul
RT: 11.705 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:113 Resp: 172071
Ion Ratio Lower Upper
113 100
55 181.9 141.9 212.9
56 135.1 99.6 149.4

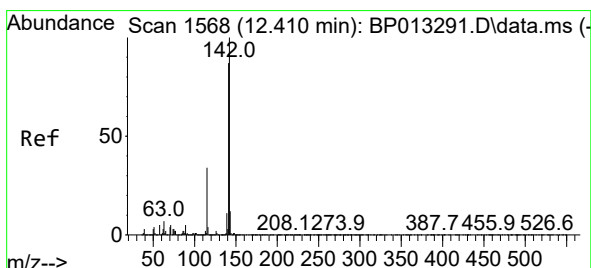
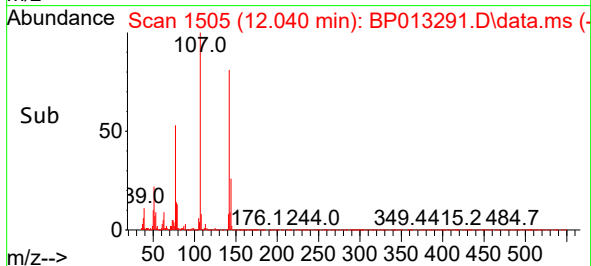
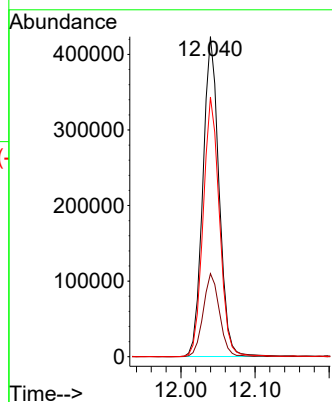
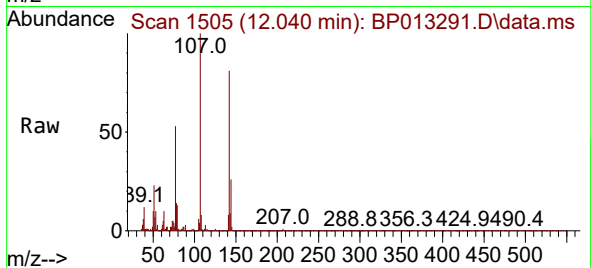




#35
 4-Chloro-3-methylphenol
 Concen: 18.575 ng/ul
 RT: 12.040 min Scan# 1505
 Delta R.T. -0.006 min
 Lab File: BP013291.D
 Acq: 24 Dec 2022 10:11

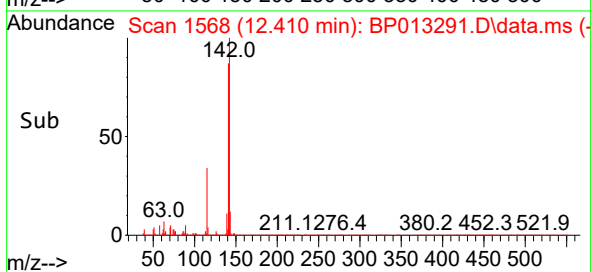
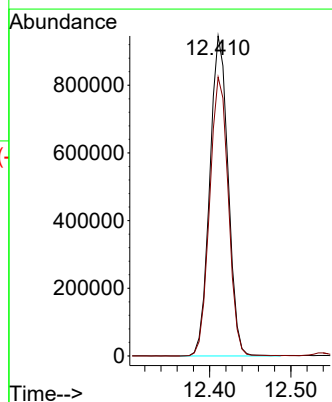
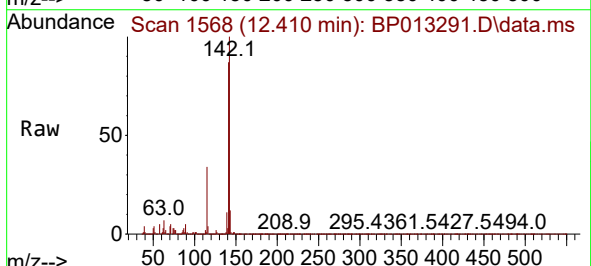
Instrument :
 BNA_P
 ClientSampleId :

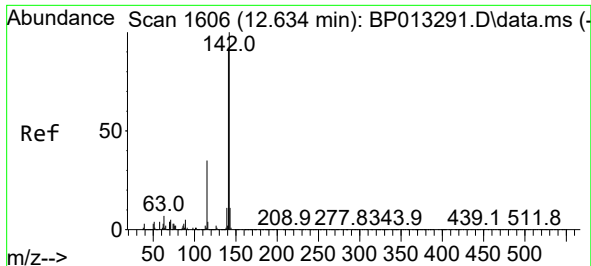
Tgt Ion:107 Resp: 642411
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.2
 142 81.2 65.8 98.6



#36
 2-Methylnaphthalene
 Concen: 19.200 ng/ul
 RT: 12.410 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BP013291.D
 Acq: 24 Dec 2022 10:11

Tgt Ion:142 Resp: 1483372
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.8 106.2

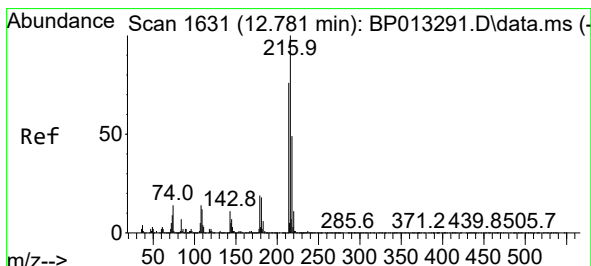
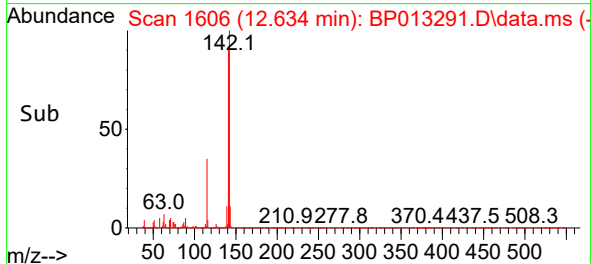
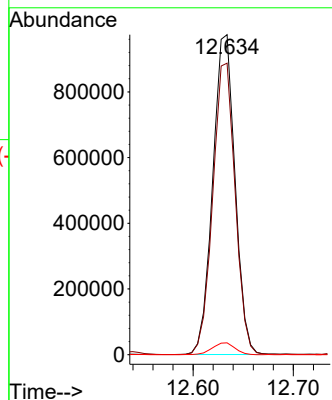
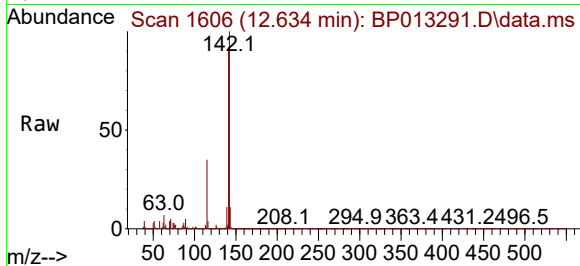




#37
1-Methylnaphthalene
Concen: 18.923 ng/ul
RT: 12.634 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

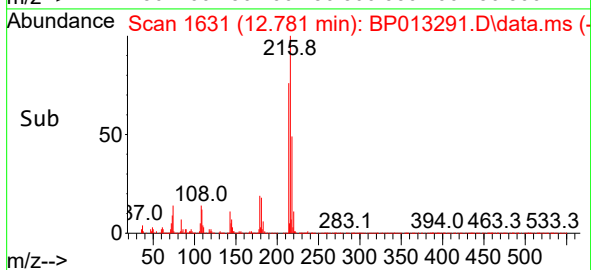
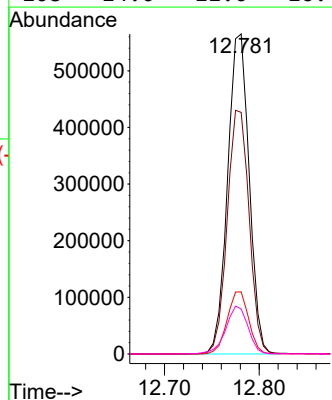
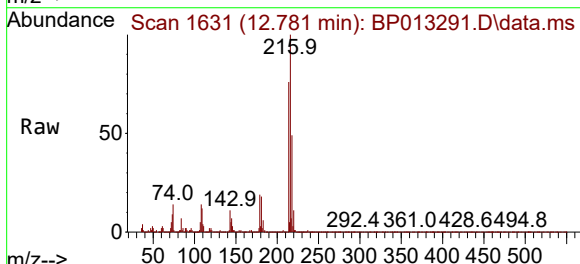
Instrument :
BNA_P
ClientSampleId :

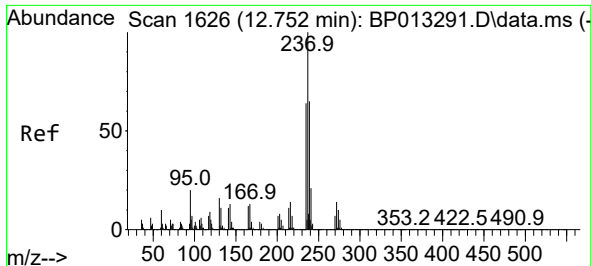
Tgt Ion:142 Resp: 1503503
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
116 3.7 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.421 ng/ul
RT: 12.781 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:216 Resp: 890592
Ion Ratio Lower Upper
216 100
214 75.5 61.9 92.9
179 19.4 15.0 22.6
108 14.0 11.0 16.4

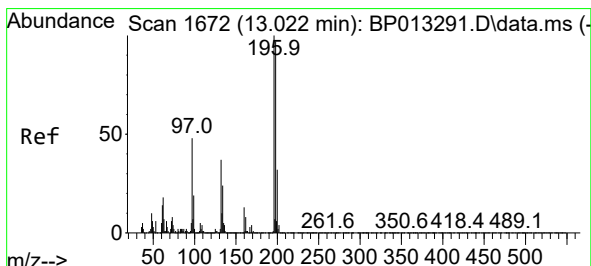
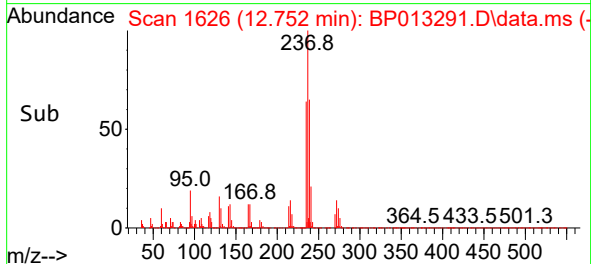
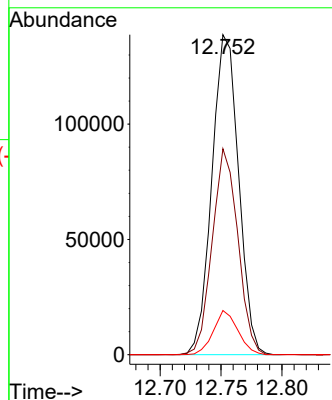
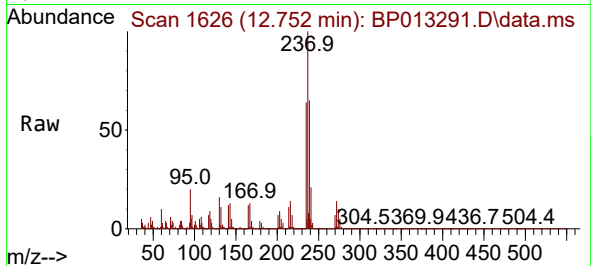




#40
Hexachlorocyclopentadiene
Concen: 8.934 ng/ul
RT: 12.752 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

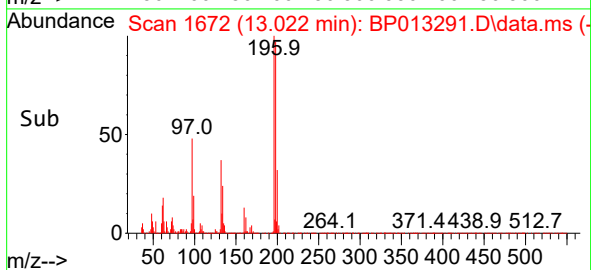
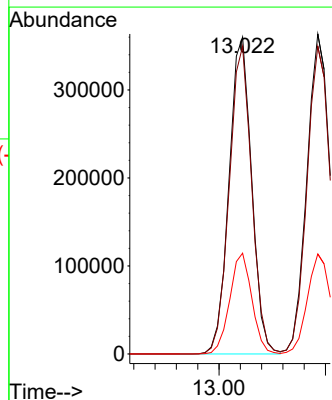
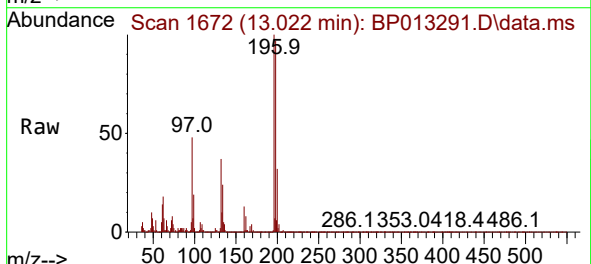
Instrument :
BNA_P
ClientSampleId :

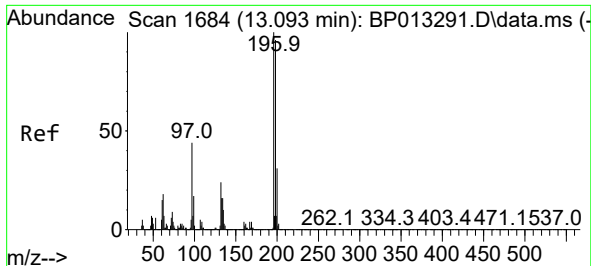
Tgt Ion:237 Resp: 212019
Ion Ratio Lower Upper
237 100
235 64.3 49.7 74.5
272 13.8 10.8 16.2



#41
2,4,6-Trichlorophenol
Concen: 22.628 ng/ul
RT: 13.022 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:196 Resp: 530351
Ion Ratio Lower Upper
196 100
198 97.1 77.0 115.6
200 31.8 25.3 37.9

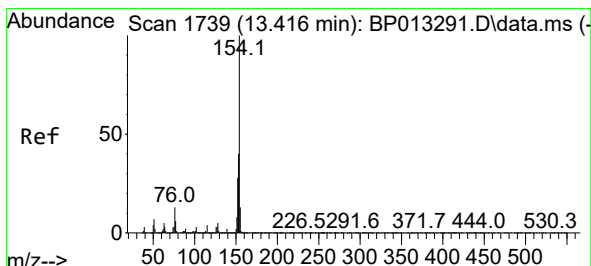
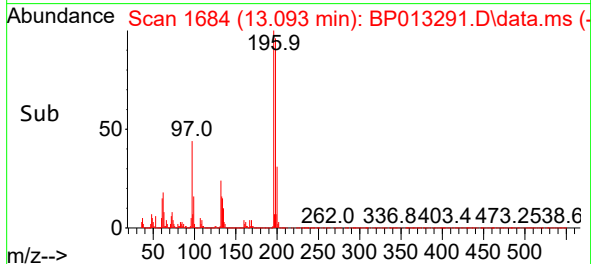
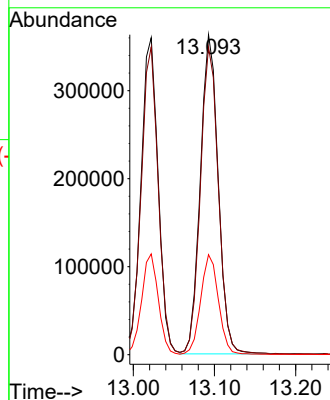
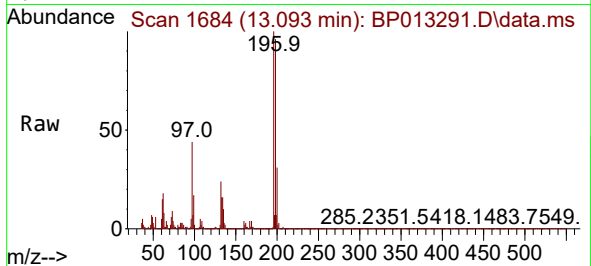




#42
2,4,5-Trichlorophenol
Concen: 22.088 ng/ul
RT: 13.093 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

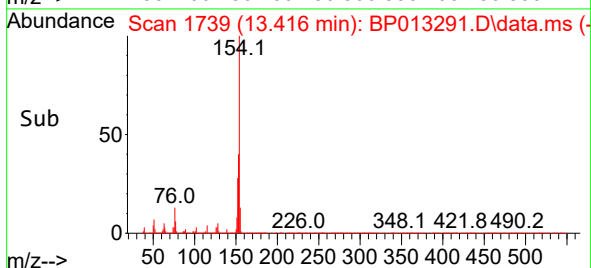
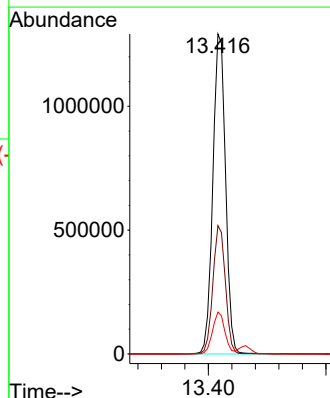
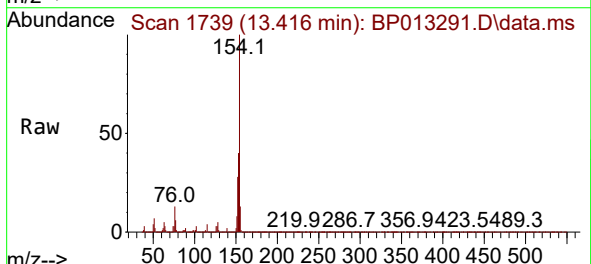
Instrument :
BNA_P
ClientSampleId :

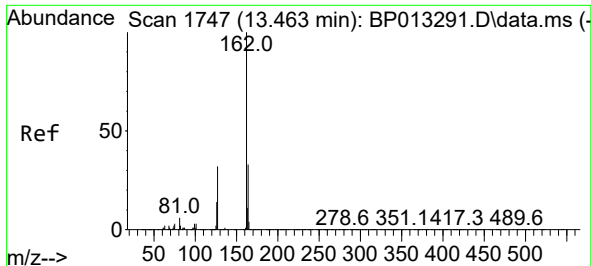
Tgt Ion:196 Resp: 556069
Ion Ratio Lower Upper
196 100
198 96.1 77.1 115.7
200 31.2 25.4 38.2



#43
1,1'-Biphenyl
Concen: 22.742 ng/ul
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:154 Resp: 1934465
Ion Ratio Lower Upper
154 100
153 40.1 31.5 47.3
76 13.1 9.6 14.4

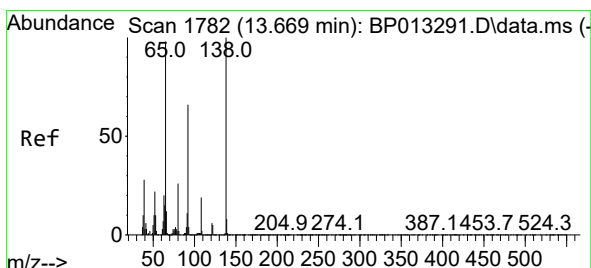
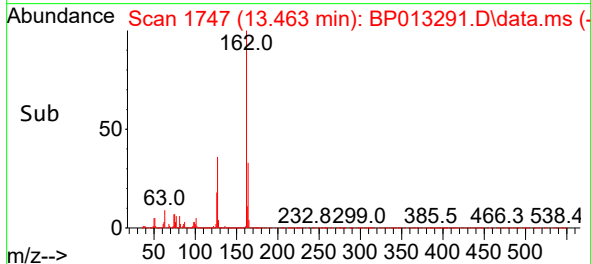
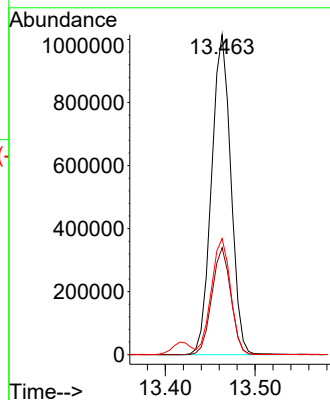
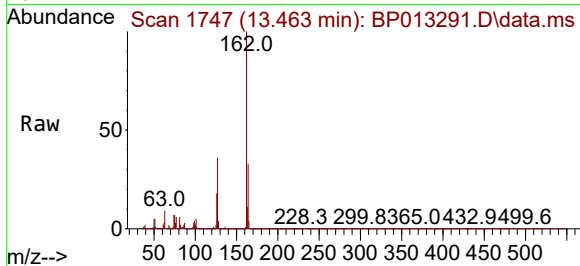




#44
2-Chloronaphthalene
Concen: 22.668 ng/ul
RT: 13.463 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

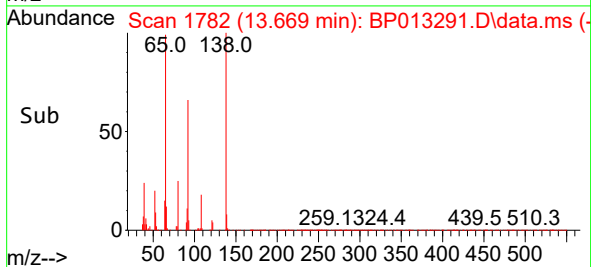
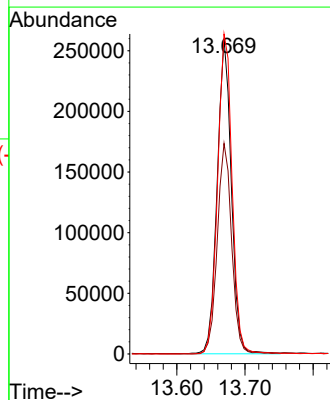
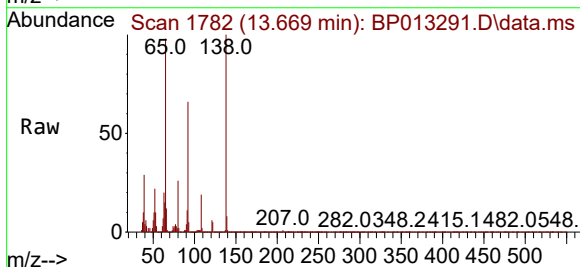
Instrument :
BNA_P
ClientSampleId :

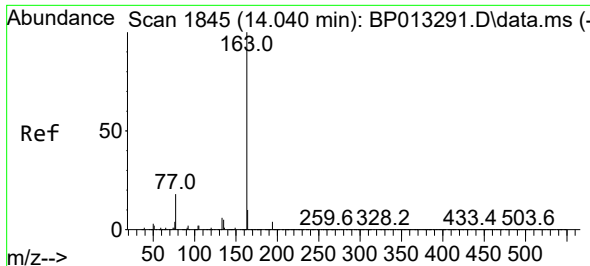
Tgt Ion:162 Resp: 1517512
Ion Ratio Lower Upper
162 100
164 33.4 26.3 39.5
127 36.3 29.3 43.9



#45
2-Nitroaniline
Concen: 23.106 ng/ul
RT: 13.669 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion: 65 Resp: 375046
Ion Ratio Lower Upper
65 100
92 66.8 56.4 84.6
138 101.5 90.3 135.5

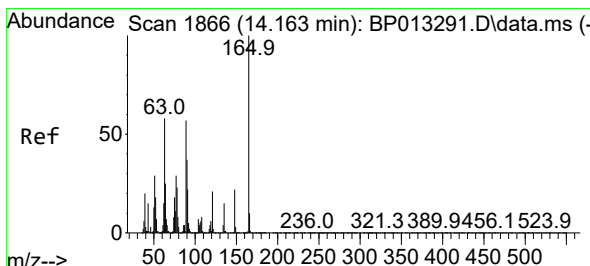
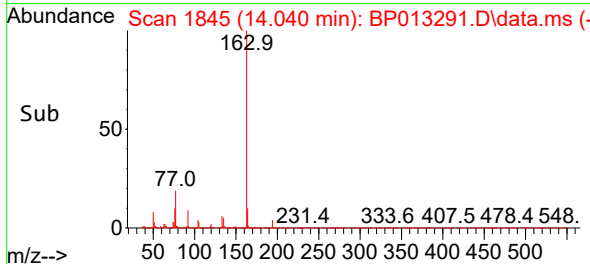
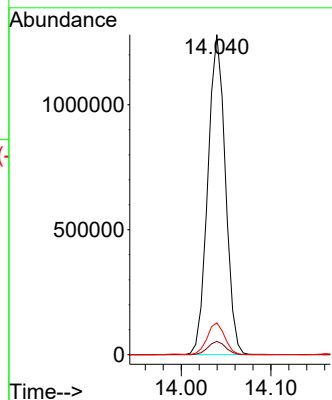
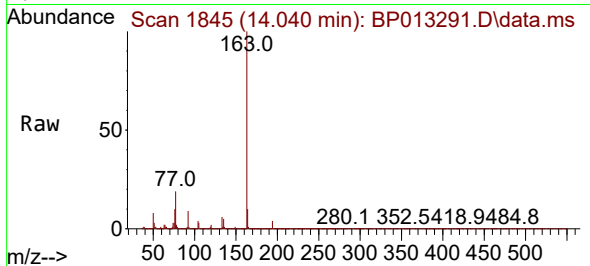




#47
Dimethylphthalate
Concen: 20.088 ng/ul
RT: 14.040 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

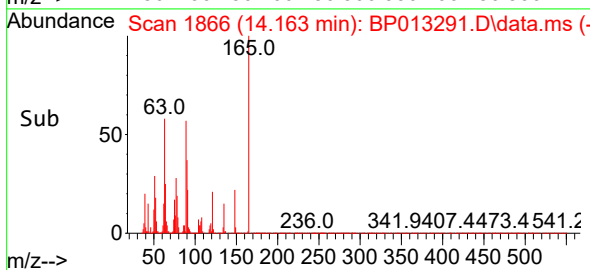
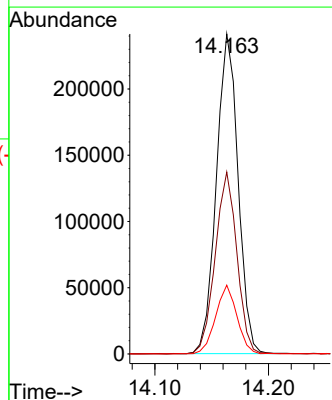
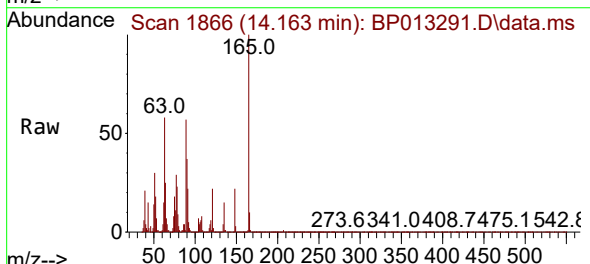
Instrument :
BNA_P
ClientSampleId :

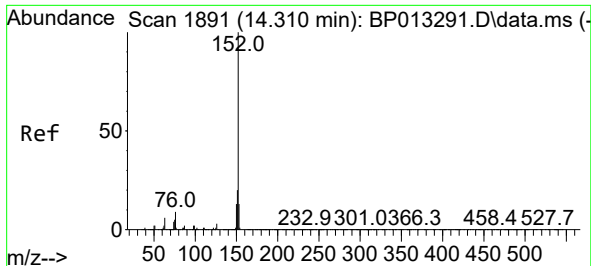
Tgt Ion:163 Resp: 1733005
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 19.992 ng/ul
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:165 Resp: 320526
Ion Ratio Lower Upper
165 100
89 56.8 43.0 64.4
121 21.5 16.1 24.1

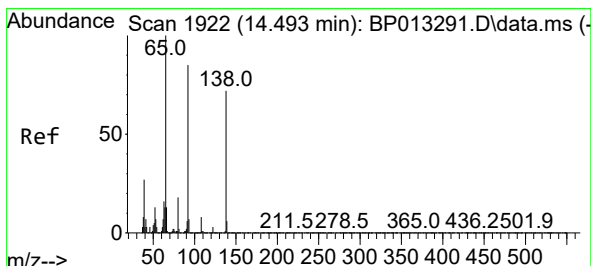
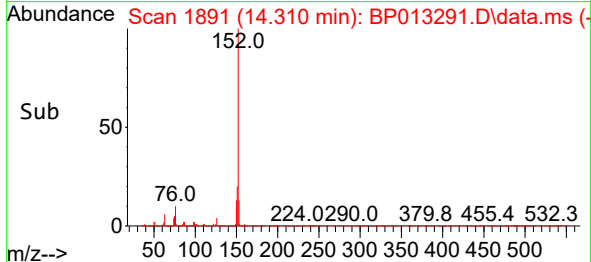
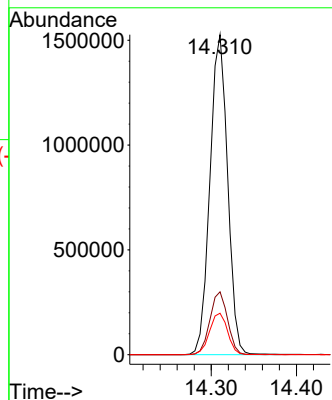
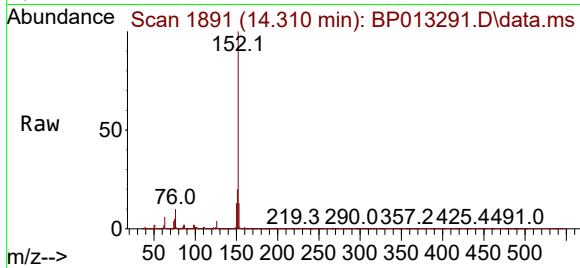




#50
Acenaphthylene
Concen: 21.352 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

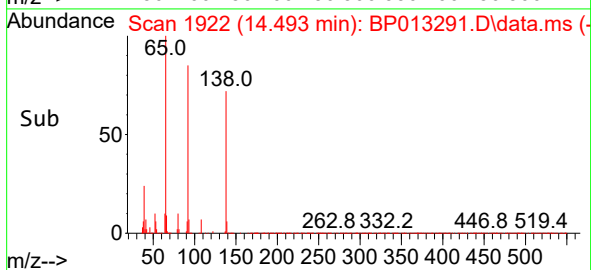
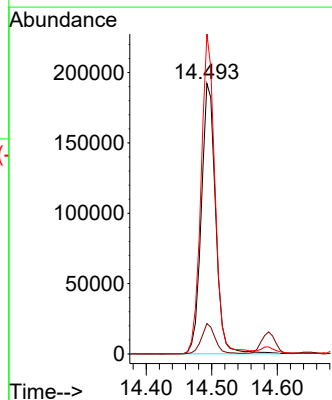
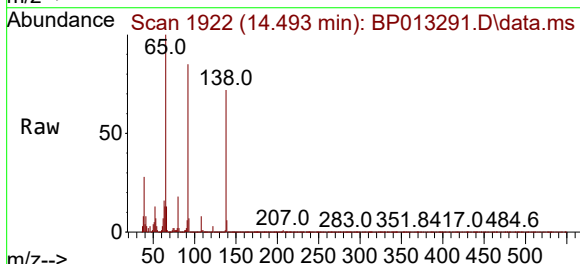
Instrument :
BNA_P
ClientSampleId :

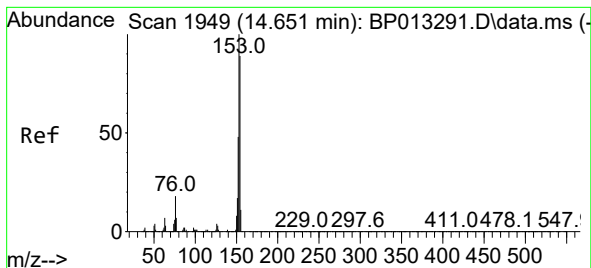
Tgt Ion:152 Resp: 2195569
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 12.9 10.6 16.0



#51
3-Nitroaniline
Concen: 19.249 ng/ul
RT: 14.493 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:138 Resp: 291413
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 118.3 88.4 132.6





#52

Acenaphthene

Concen: 20.876 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

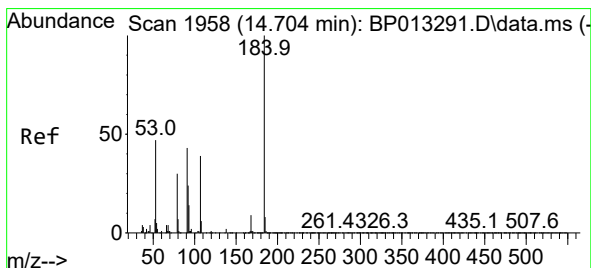
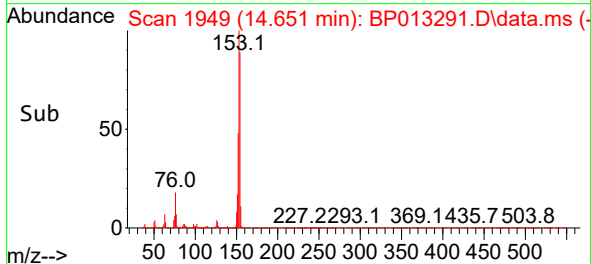
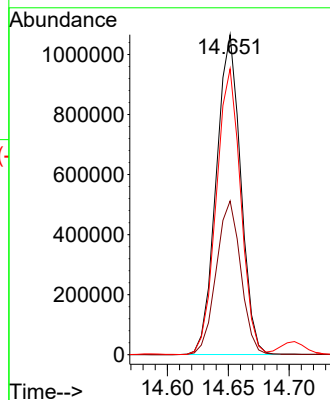
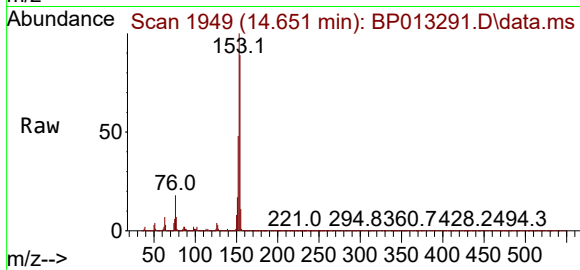
Tgt Ion:153 Resp: 1487563

Ion Ratio Lower Upper

153 100

152 48.0 38.2 57.4

154 89.3 70.8 106.2



#53

2,4-Dinitrophenol

Concen: 9.923 ng/ul

RT: 14.704 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

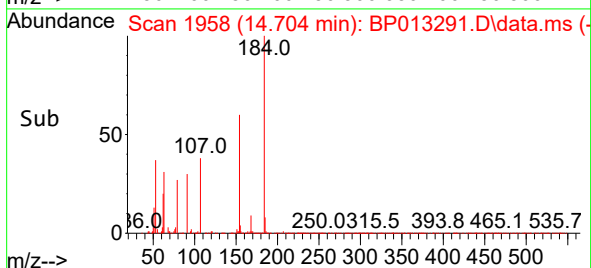
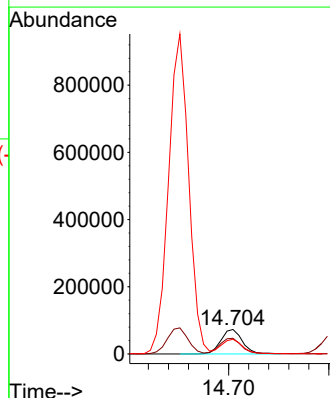
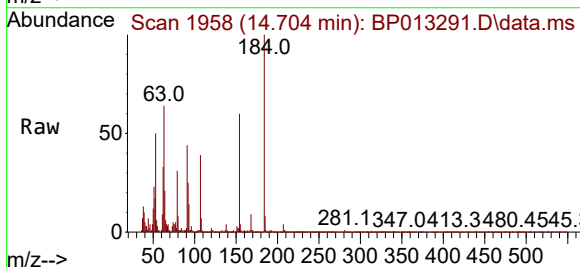
Tgt Ion:184 Resp: 108747

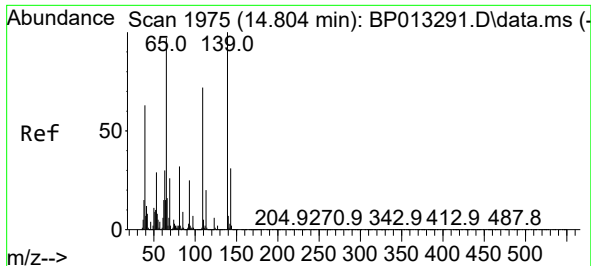
Ion Ratio Lower Upper

184 100

63 64.0 48.4 72.6

154 60.2 45.5 68.3

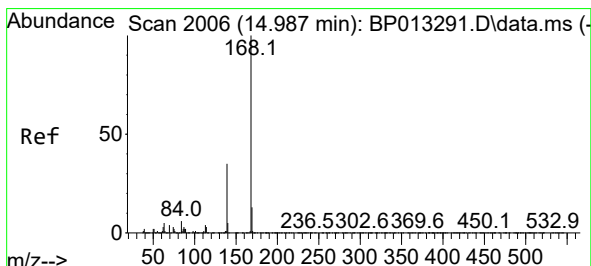
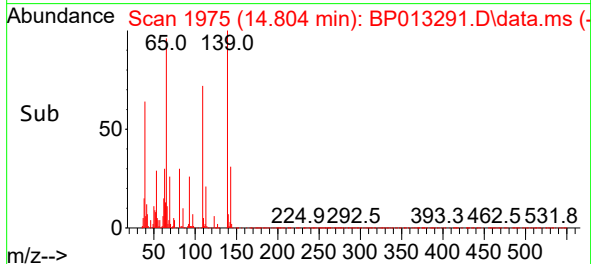
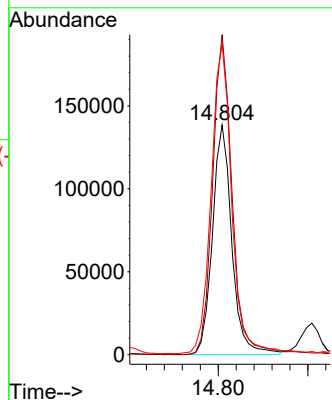
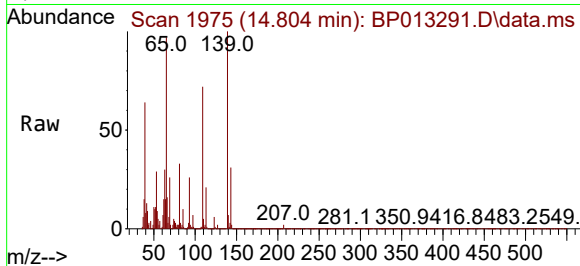




#55
4-Nitrophenol
Concen: 19.370 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

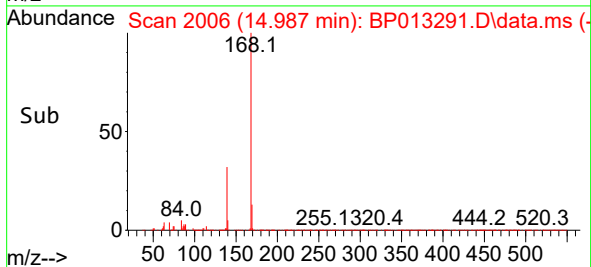
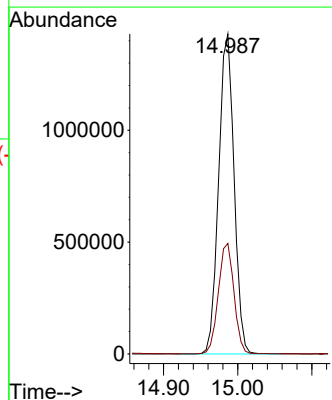
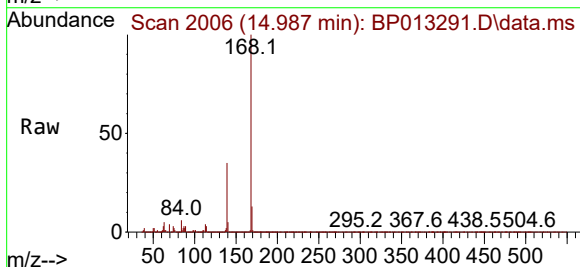
Instrument :
BNA_P
ClientSampleId :

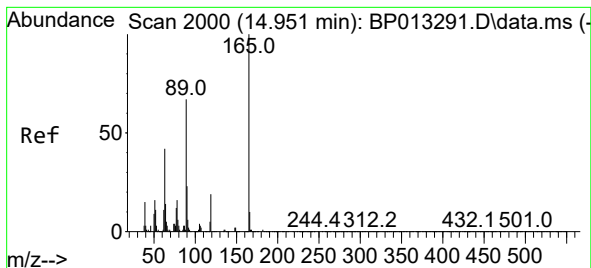
Tgt Ion:109 Resp: 206942
Ion Ratio Lower Upper
109 100
139 139.4 120.8 181.2
65 135.2 107.9 161.9



#56
Dibenzofuran
Concen: 20.398 ng/ul
RT: 14.987 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:168 Resp: 2066587
Ion Ratio Lower Upper
168 100
139 34.6 27.9 41.9

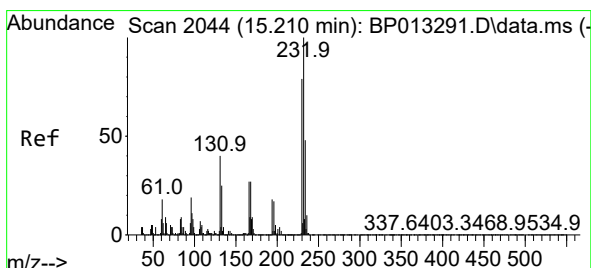
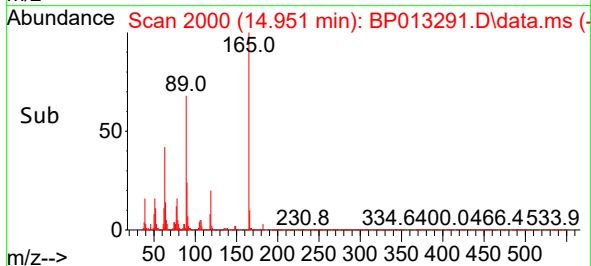
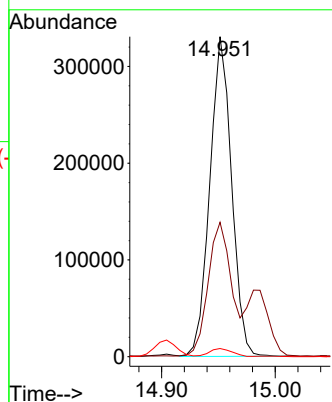
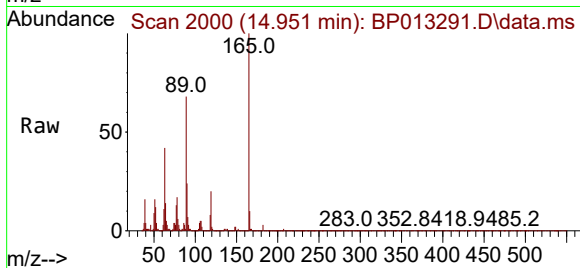




#57
2,4-Dinitrotoluene
Concen: 18.907 ng/ul
RT: 14.951 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

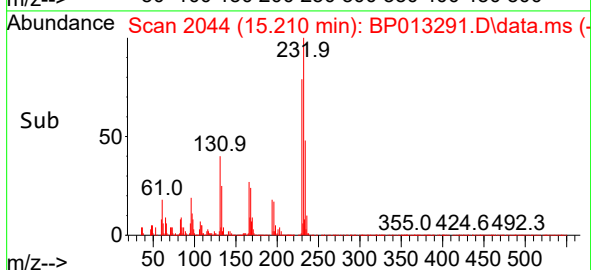
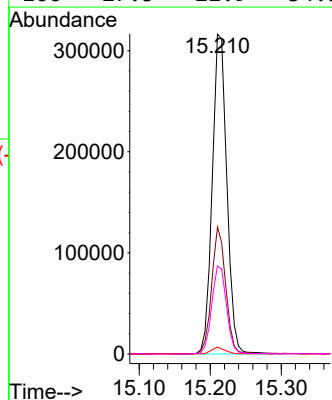
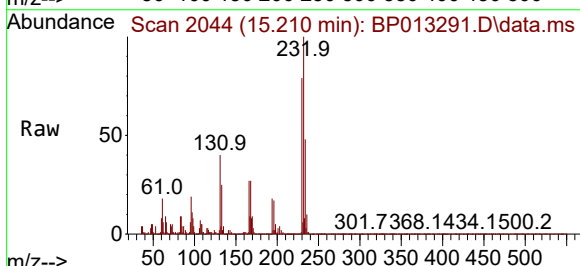
Instrument :
BNA_P
ClientSampleId :

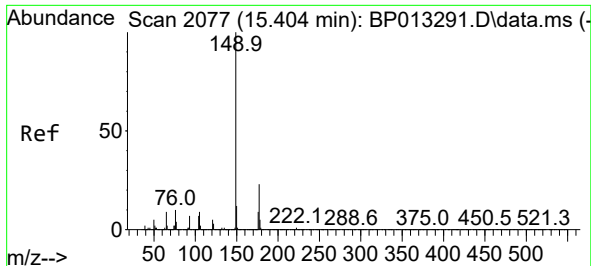
Tgt Ion:165 Resp: 440331
Ion Ratio Lower Upper
165 100
63 42.0 31.8 47.6
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.678 ng/ul
RT: 15.210 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:232 Resp: 452098
Ion Ratio Lower Upper
232 100
131 39.7 31.8 47.6
130 2.1 1.8 2.6
166 27.5 22.9 34.3

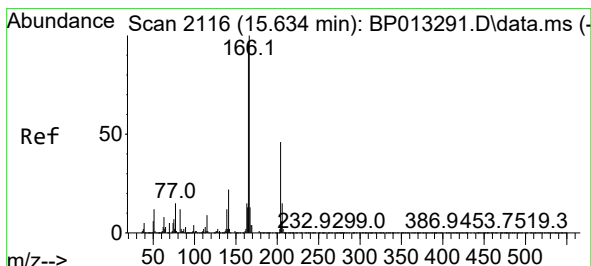
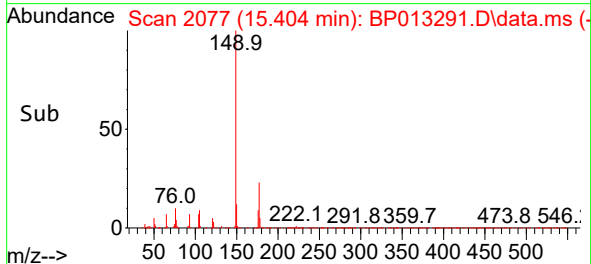
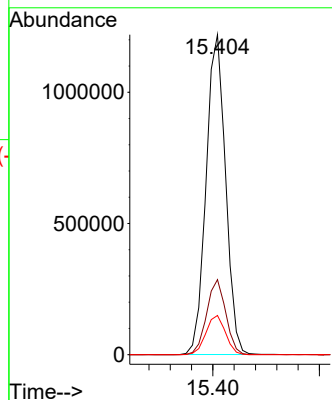
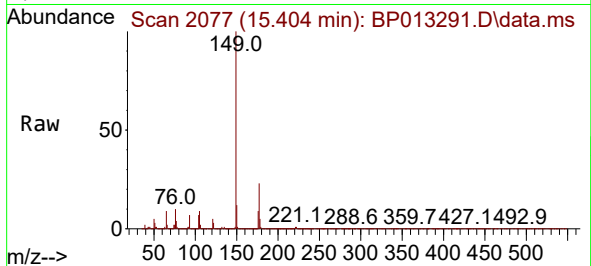




#59
Diethylphthalate
Concen: 18.427 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

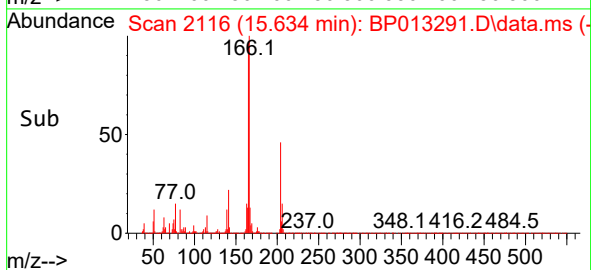
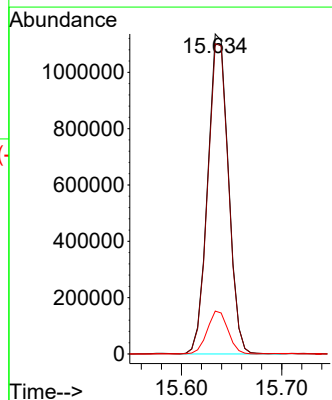
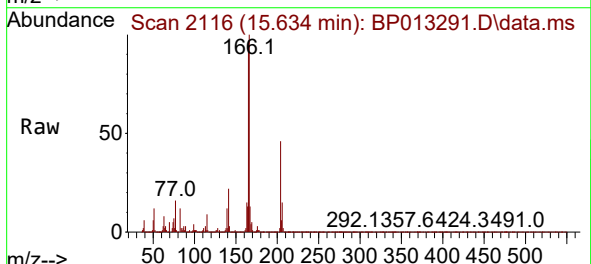
Instrument :
BNA_P
ClientSampleId :

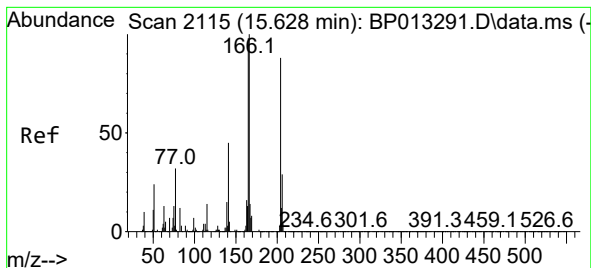
Tgt Ion:149 Resp: 1545430
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.2 9.9 14.9



#61
Fluorene
Concen: 20.073 ng/ul
RT: 15.634 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:166 Resp: 1630916
Ion Ratio Lower Upper
166 100
165 96.9 77.4 116.2
167 13.4 10.6 16.0

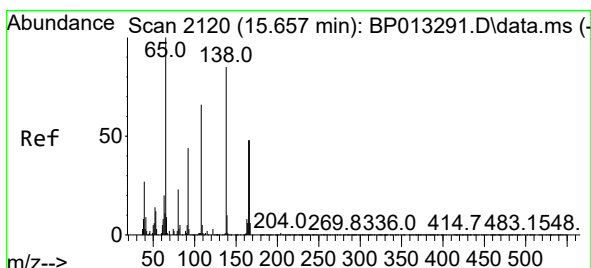
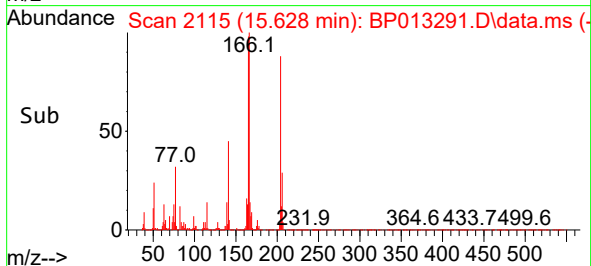
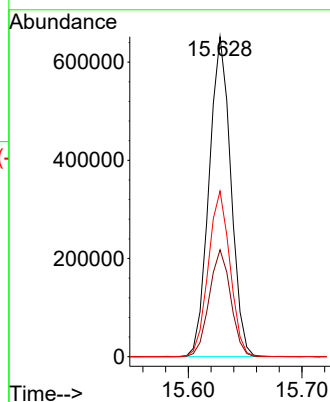
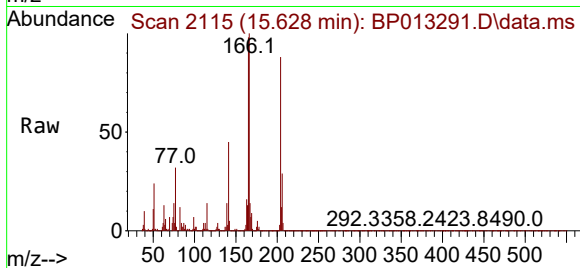




#62
4-Chlorophenyl-phenylether
Concen: 20.168 ng/ul
RT: 15.628 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

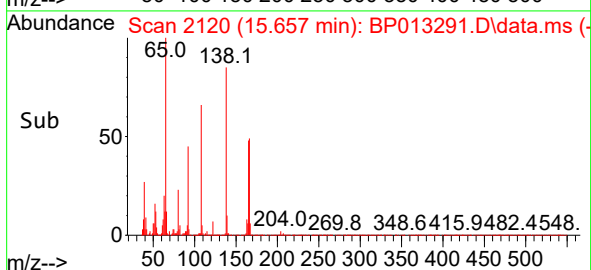
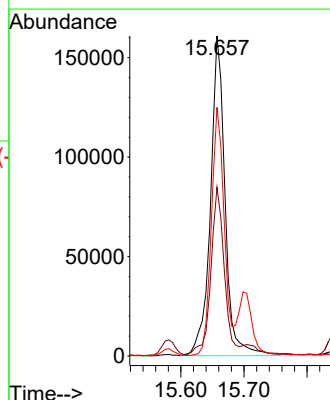
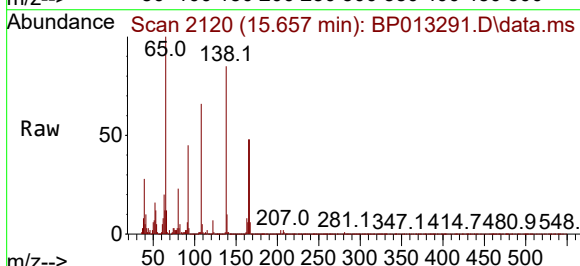
Instrument :
BNA_P
ClientSampleId :

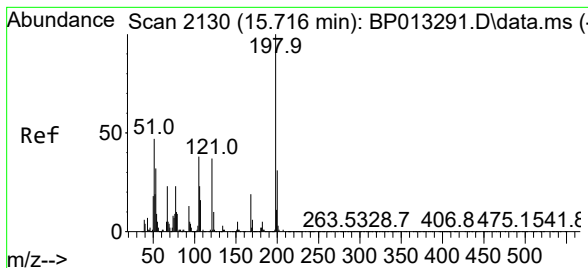
Tgt Ion:204 Resp: 866580
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 51.7 40.4 60.6



#63
4-Nitroaniline
Concen: 19.455 ng/ul
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:138 Resp: 259176
Ion Ratio Lower Upper
138 100
92 52.7 39.0 58.4
108 77.7 55.1 82.7

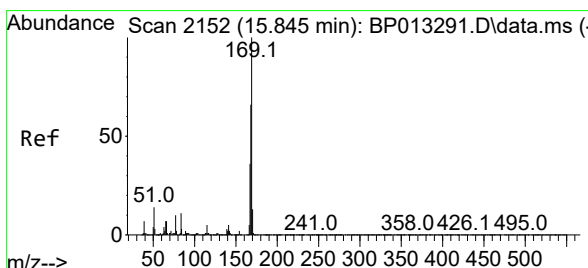
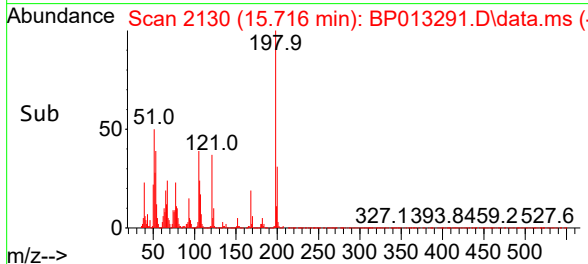
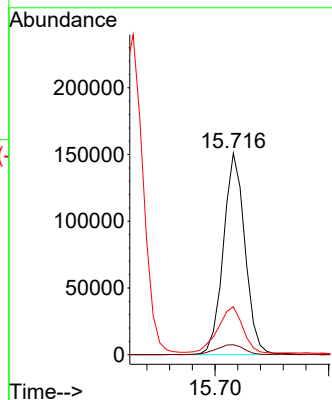
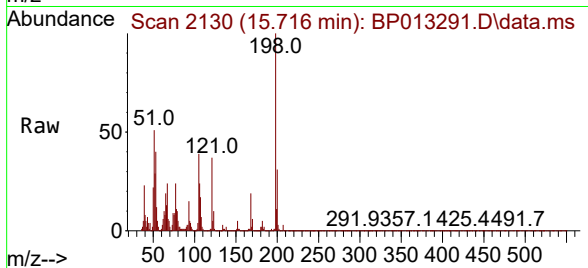




#66
4,6-Dinitro-2-methylphenol
Concen: 14.112 ng/ul
RT: 15.716 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

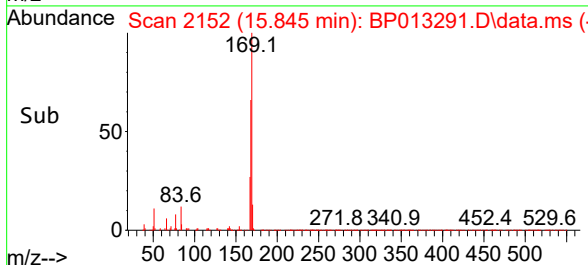
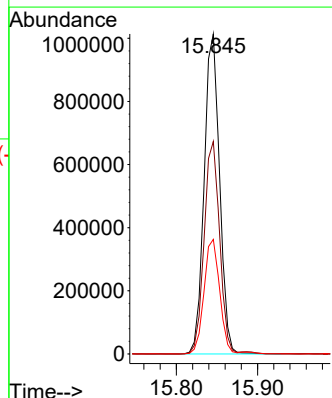
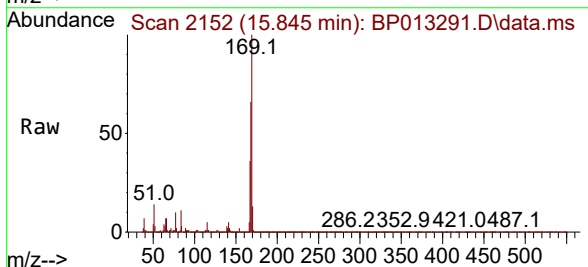
Instrument :
BNA_P
ClientSampleId :

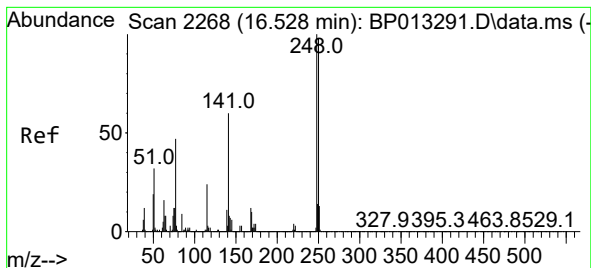
Tgt Ion:198 Resp: 199129
Ion Ratio Lower Upper
198 100
182 4.9 3.3 4.9#
77 23.8 16.6 25.0



#67
N-Nitrosodiphenylamine
Concen: 21.442 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:169 Resp: 1333817
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 35.8 29.1 43.7

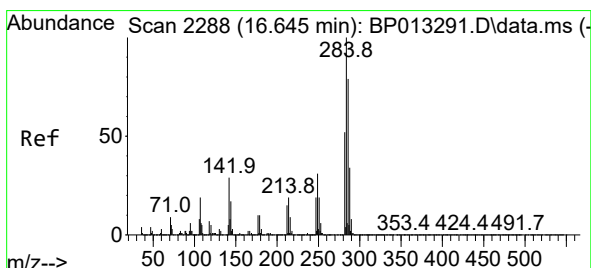
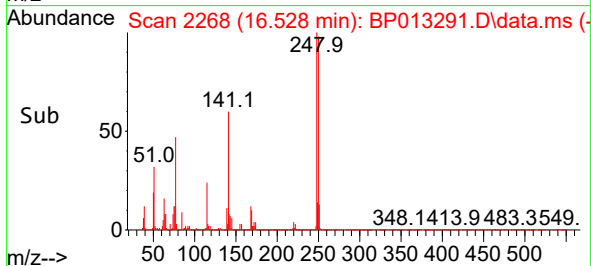
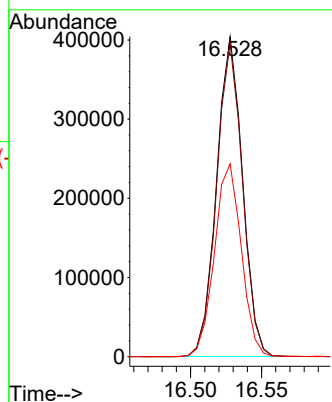
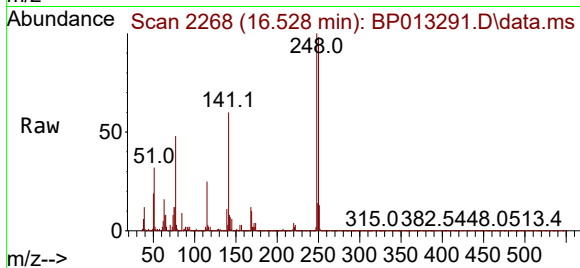




#68
4-Bromophenyl-phenylether
Concen: 21.130 ng/ul
RT: 16.528 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

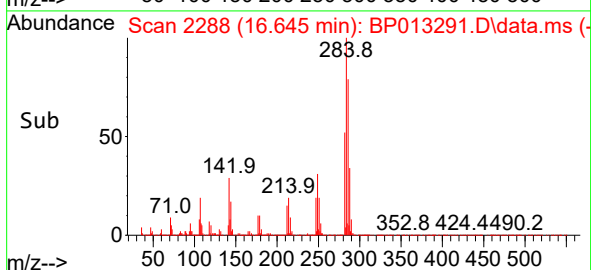
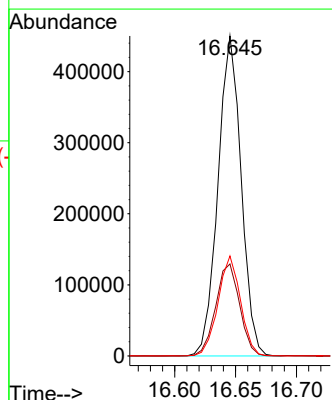
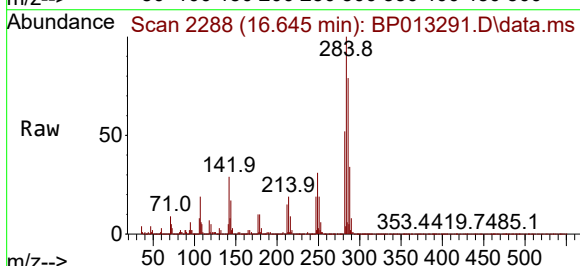
Instrument :
BNA_P
ClientSampleId :

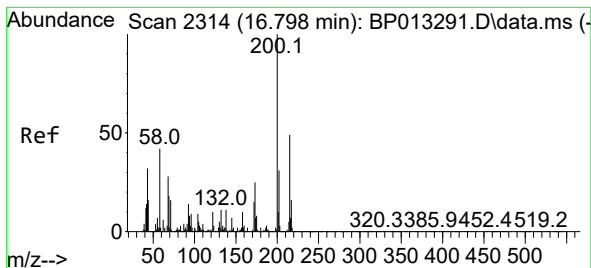
Tgt Ion:248 Resp: 514882
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.0
141 60.2 48.3 72.5



#69
Hexachlorobenzene
Concen: 20.633 ng/ul
RT: 16.645 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:284 Resp: 596981
Ion Ratio Lower Upper
284 100
142 28.7 22.6 34.0
249 31.3 24.6 37.0





#70

Atrazine

Concen: 19.425 ng/ul

RT: 16.798 min Scan# 2314

Delta R.T. -0.006 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

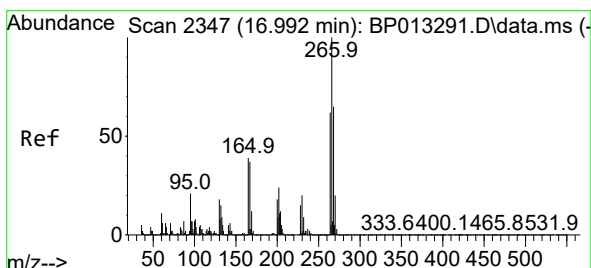
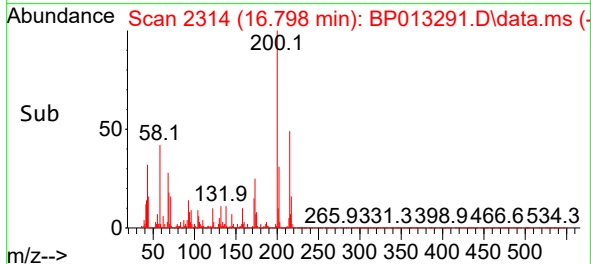
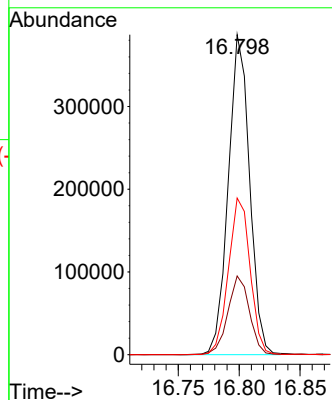
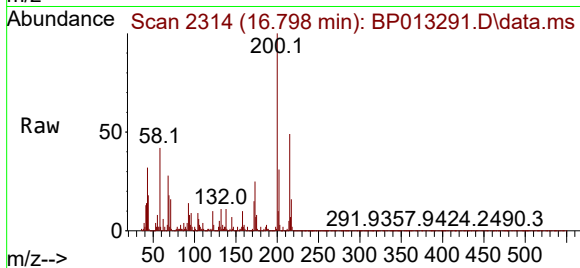
Tgt Ion:200 Resp: 470889

Ion Ratio Lower Upper

200 100

173 24.6 20.5 30.7

215 49.0 39.9 59.9



#71

Pentachlorophenol

Concen: 20.009 ng/ul

RT: 16.992 min Scan# 2347

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

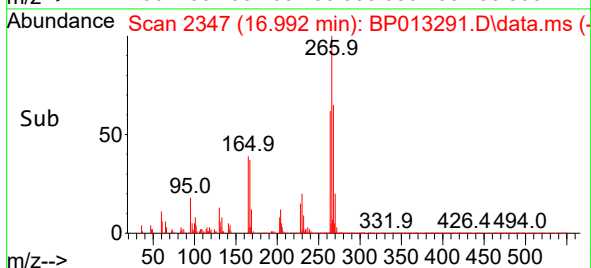
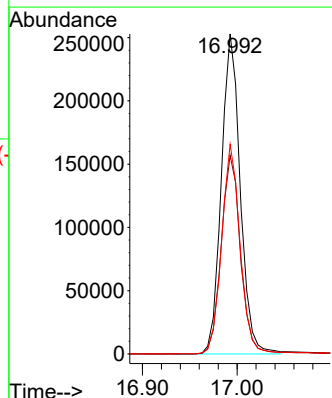
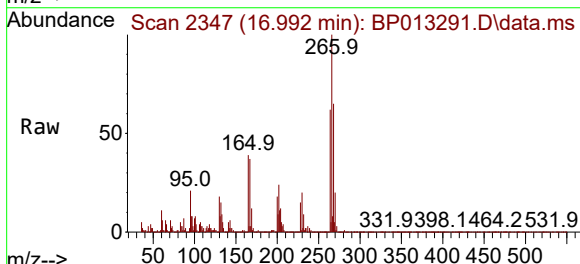
Tgt Ion:266 Resp: 350603

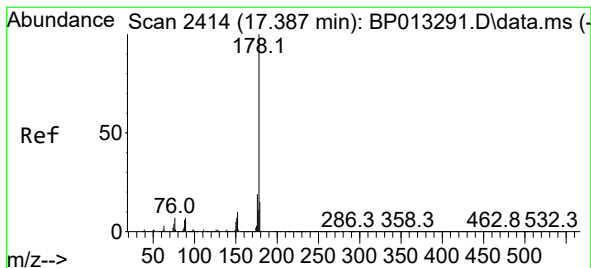
Ion Ratio Lower Upper

266 100

264 62.1 50.9 76.3

268 65.5 51.4 77.2





#72

Phenanthrene

Concen: 20.918 ng/ul

RT: 17.387 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

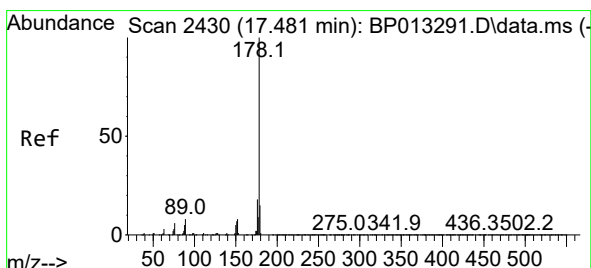
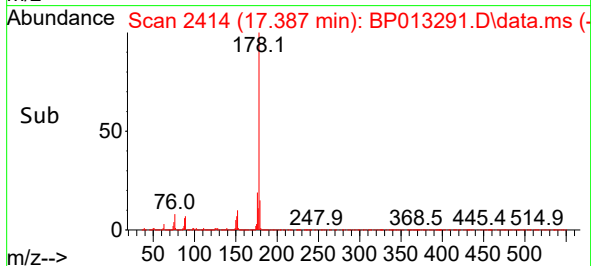
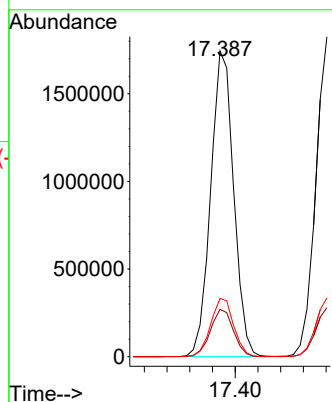
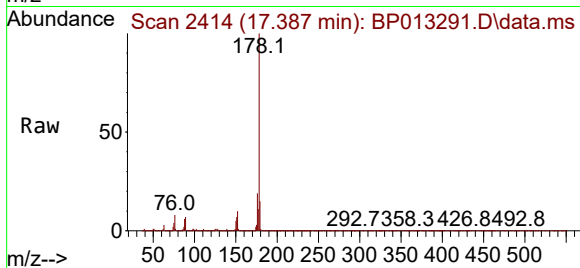
Tgt Ion:178 Resp: 2444682

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.0 15.4 23.0



#74

Anthracene

Concen: 21.489 ng/ul

RT: 17.481 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

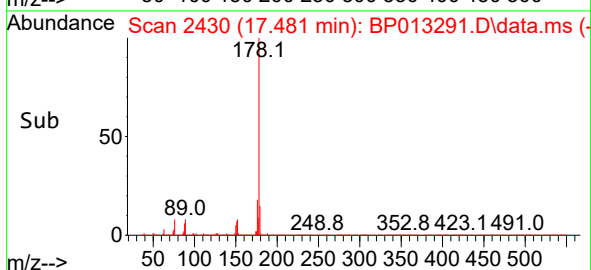
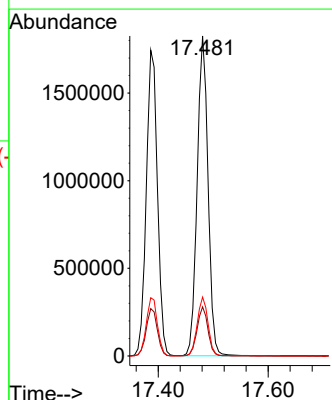
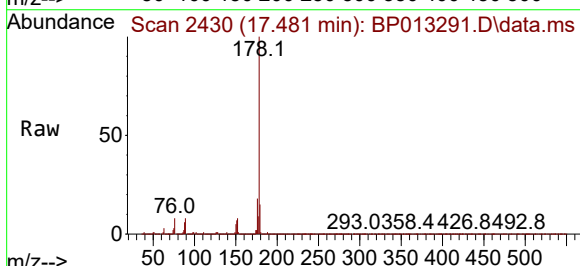
Tgt Ion:178 Resp: 2507631

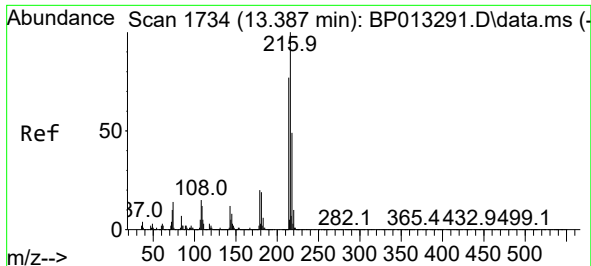
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.4 14.8 22.2

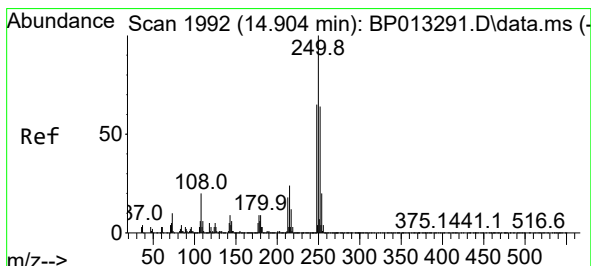
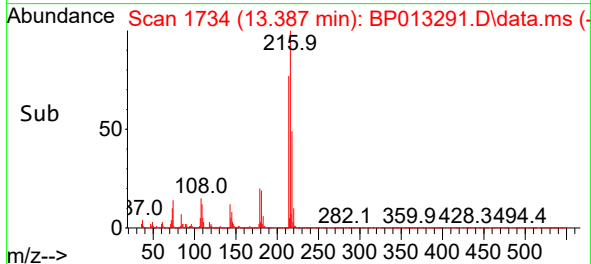
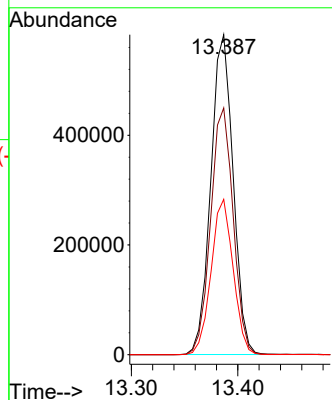
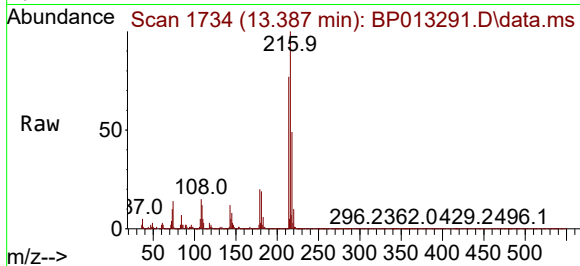




#75
1,2,3,4-Tetrachlorobenzene
Concen: 26.543 ng/uL
RT: 13.387 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

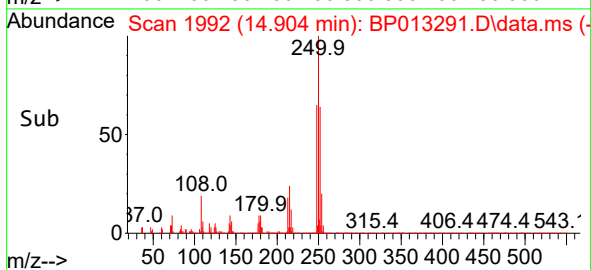
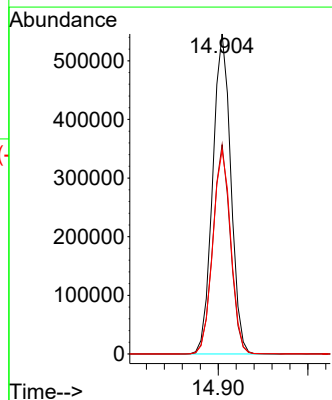
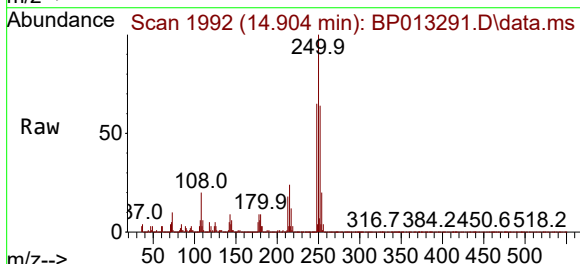
Instrument :
BNA_P
ClientSampleId :

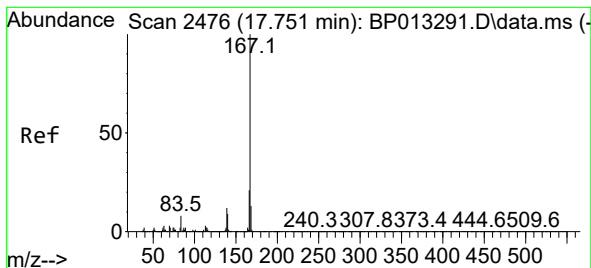
Tgt Ion:216 Resp: 849708
Ion Ratio Lower Upper
216 100
214 77.1 62.2 93.2
218 48.6 38.9 58.3



#76
Pentachlorobenzene
Concen: 23.431 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:250 Resp: 764768
Ion Ratio Lower Upper
250 100
248 65.4 50.6 76.0
252 63.6 51.1 76.7





#77

Carbazole

Concen: 22.556 ng/ul

RT: 17.751 min Scan# 2476

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

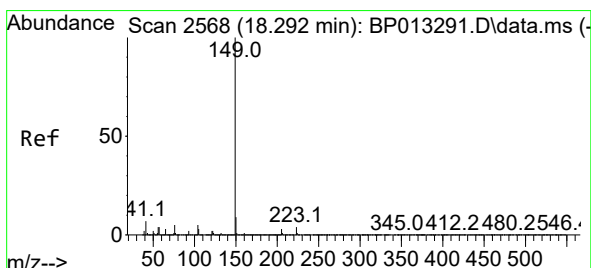
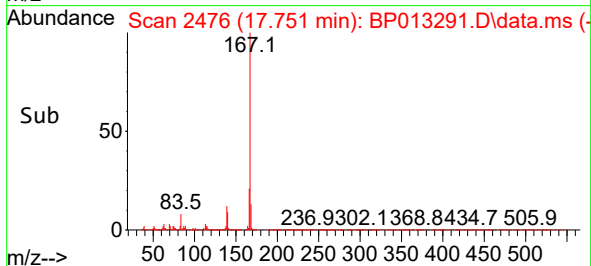
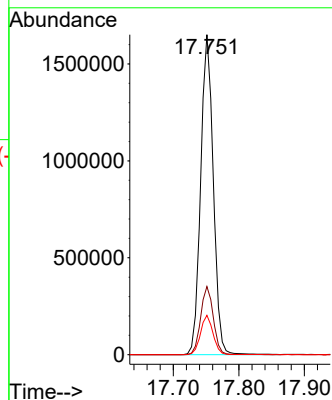
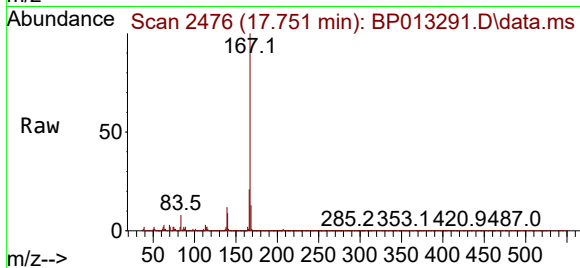
Tgt Ion:167 Resp: 2216749

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.3 9.4 14.2



#78

Di-n-butylphthalate

Concen: 18.983 ng/ul

RT: 18.292 min Scan# 2568

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

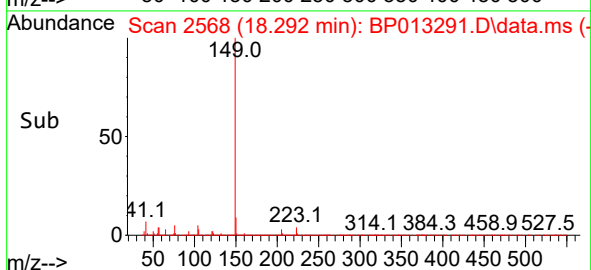
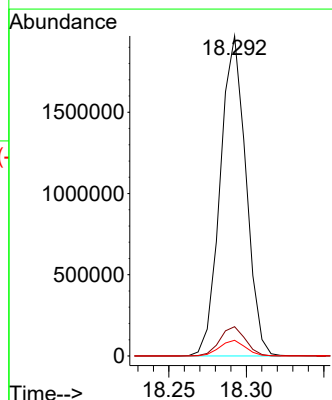
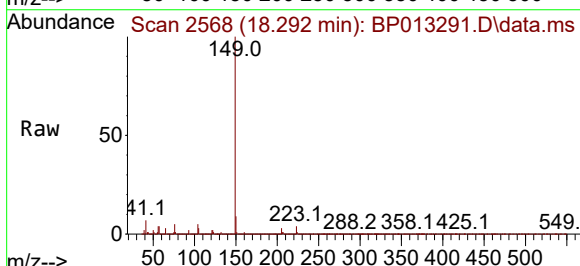
Tgt Ion:149 Resp: 2271481

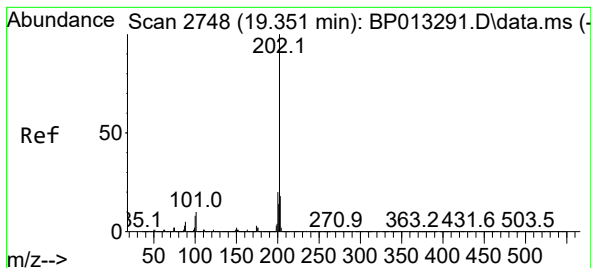
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 3.8 5.6





#80

Fluoranthene

Concen: 19.322 ng/ul

RT: 19.351 min Scan# 2748

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

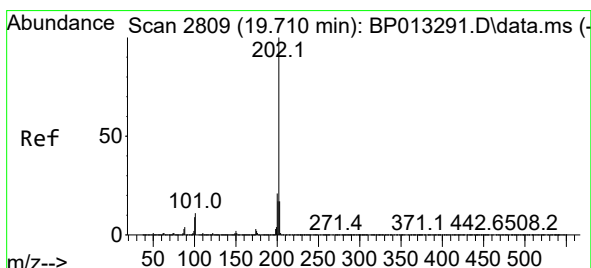
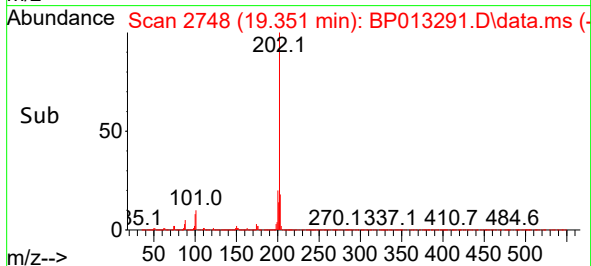
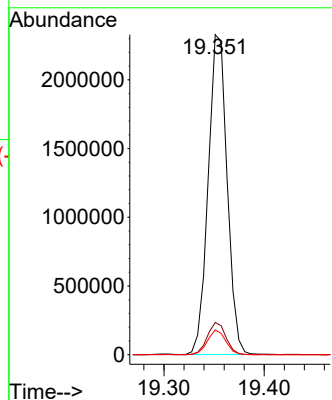
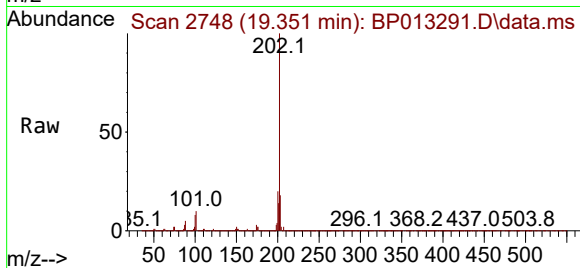
Tgt Ion:202 Resp: 3072569

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

100 7.7 6.1 9.1



#82

Pyrene

Concen: 19.871 ng/ul

RT: 19.710 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

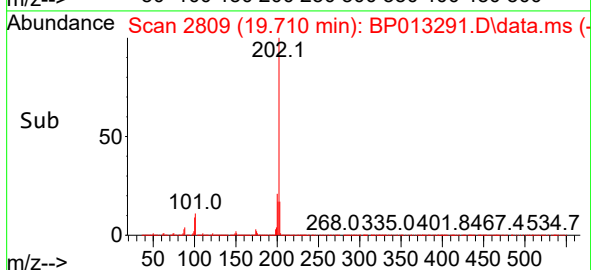
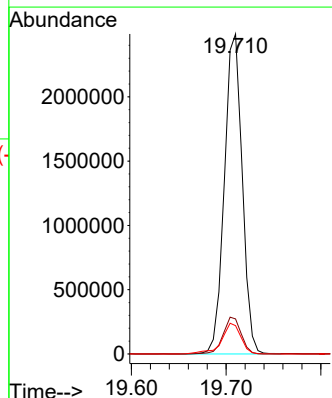
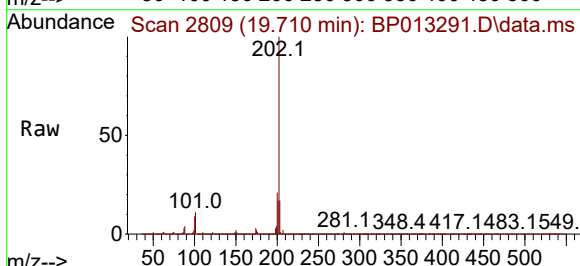
Tgt Ion:202 Resp: 3259593

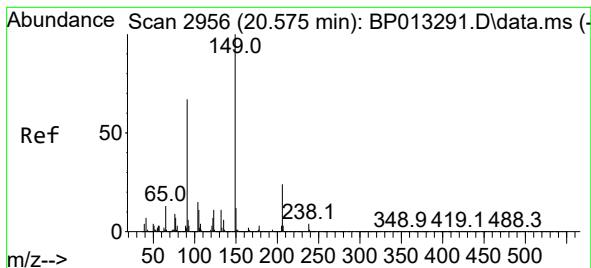
Ion Ratio Lower Upper

202 100

101 11.0 9.4 14.2

100 8.9 7.8 11.8





#83

Butylbenzylphthalate

Concen: 18.193 ng/ul

RT: 20.575 min Scan# 2956

Delta R.T. 0.006 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

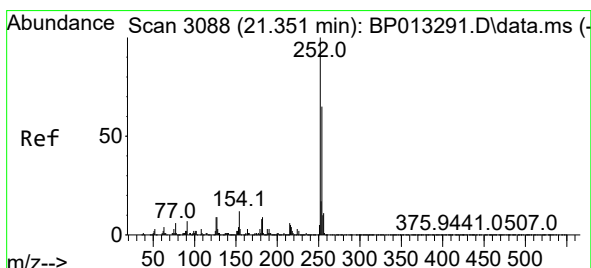
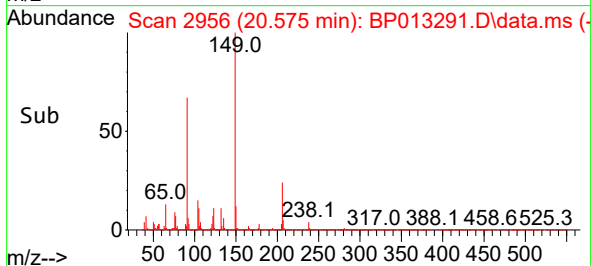
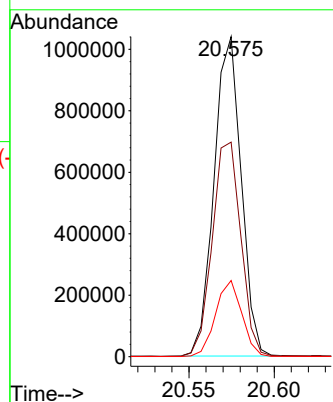
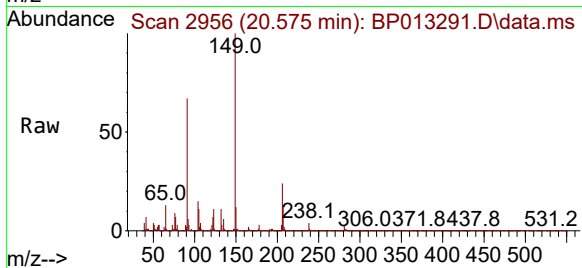
Tgt Ion:149 Resp: 1152934

Ion Ratio Lower Upper

149 100

91 67.1 53.4 80.0

206 23.8 17.9 26.9



#84

3,3'-Dichlorobenzidine

Concen: 18.265 ng/ul

RT: 21.351 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

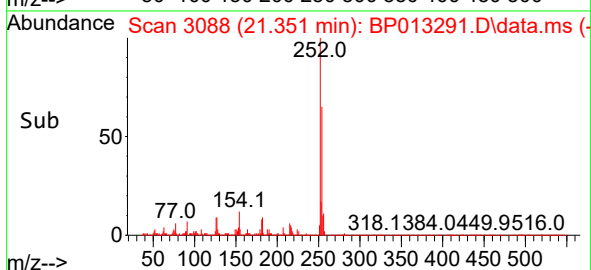
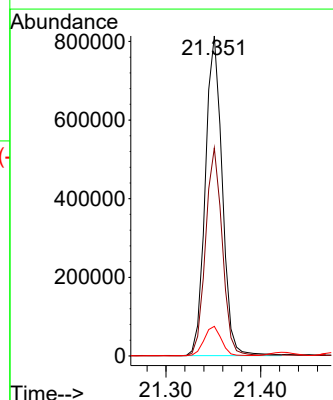
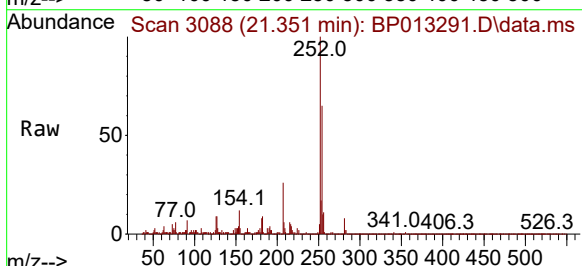
Tgt Ion:252 Resp: 1007165

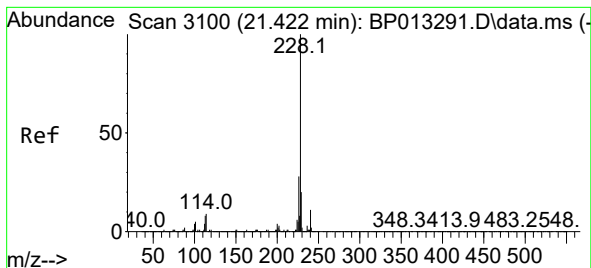
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

126 9.3 7.4 11.2





#85

Benzo(a)anthracene

Concen: 21.306 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

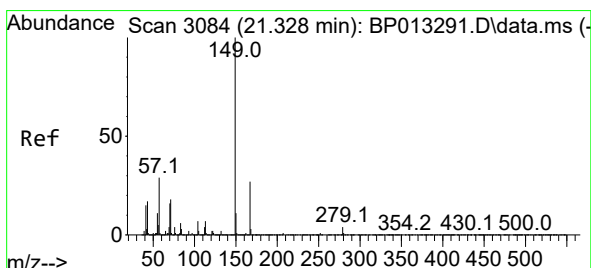
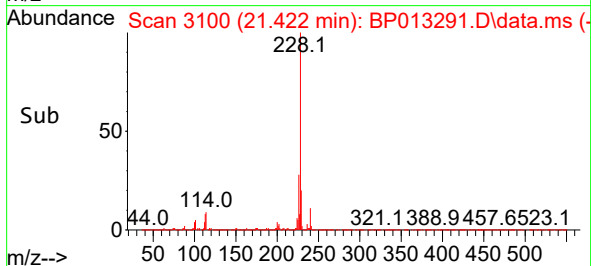
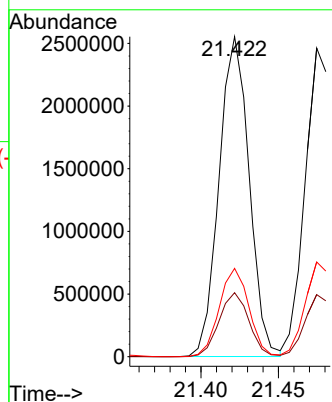
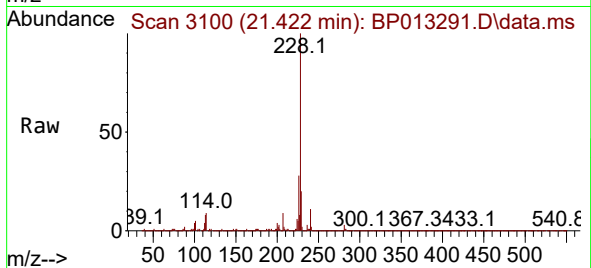
Tgt Ion:228 Resp: 3452419

Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

226 27.6 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.789 ng/ul

RT: 21.328 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

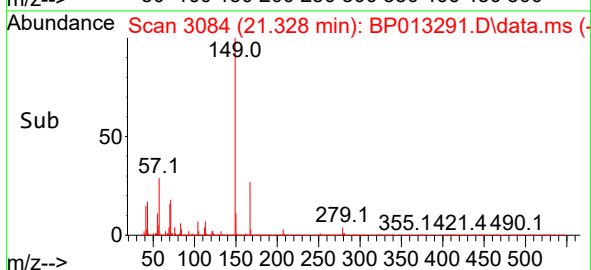
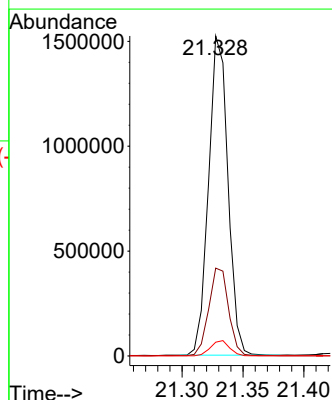
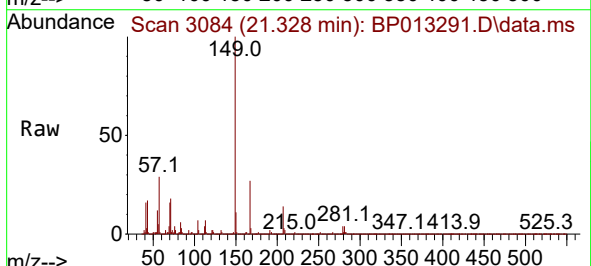
Tgt Ion:149 Resp: 1679596

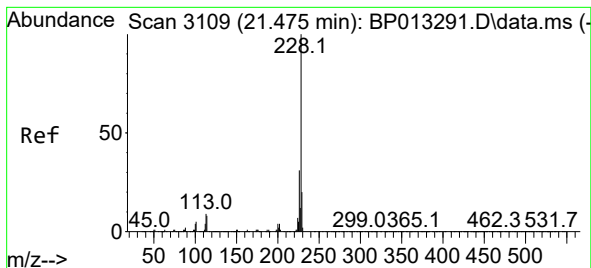
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.3 3.8 5.8





#87

Chrysene

Concen: 21.004 ng/ul

RT: 21.475 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

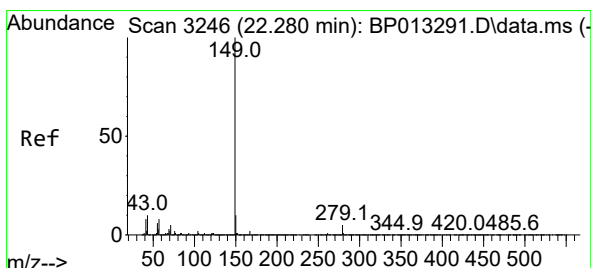
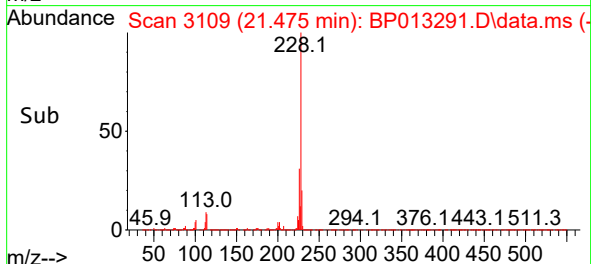
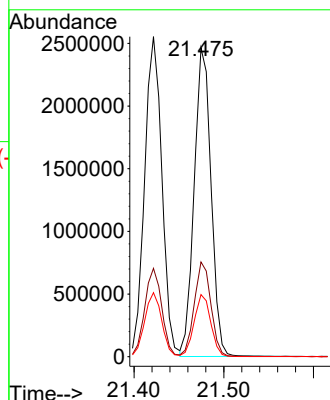
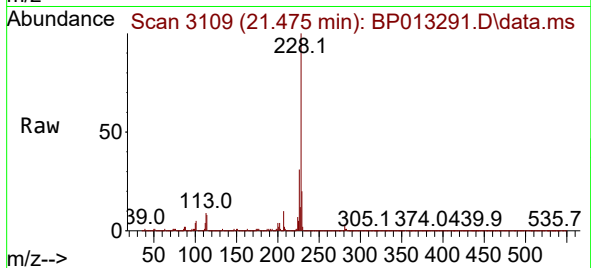
Tgt Ion:228 Resp: 3218570

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.1 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 19.620 ng/ul

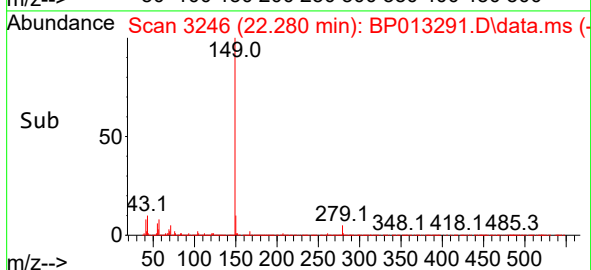
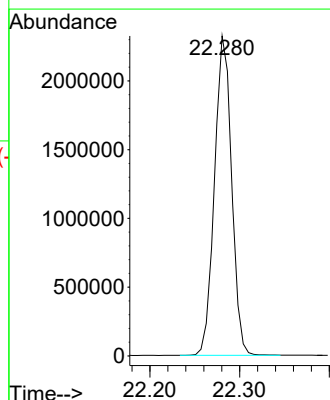
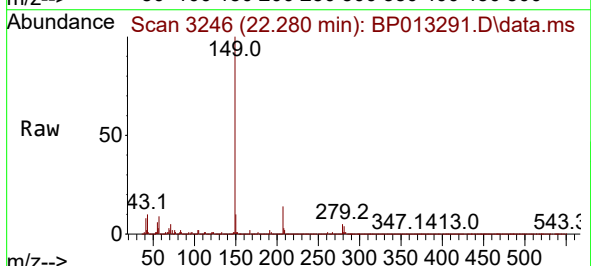
RT: 22.280 min Scan# 3246

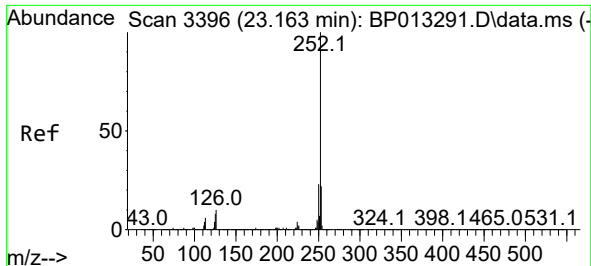
Delta R.T. 0.000 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Tgt Ion:149 Resp: 3080817

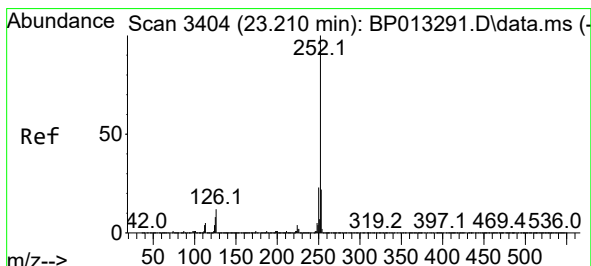
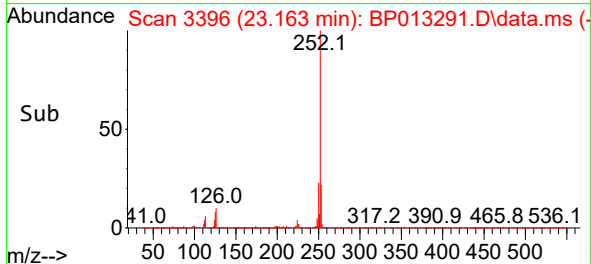
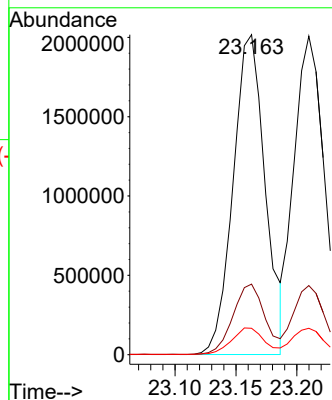
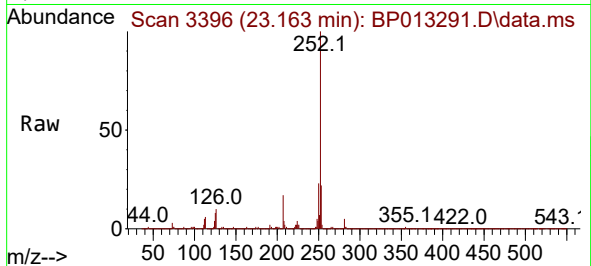




#90
Benzo(b)fluoranthene
Concen: 20.664 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

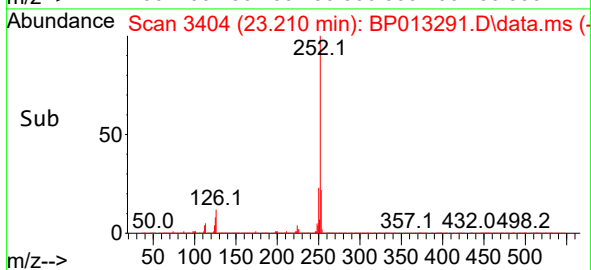
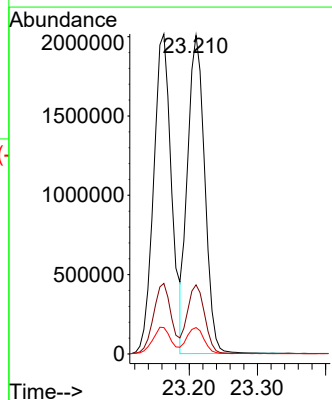
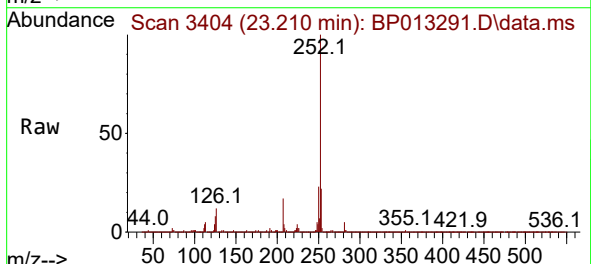
Instrument :
BNA_P
ClientSampleId :

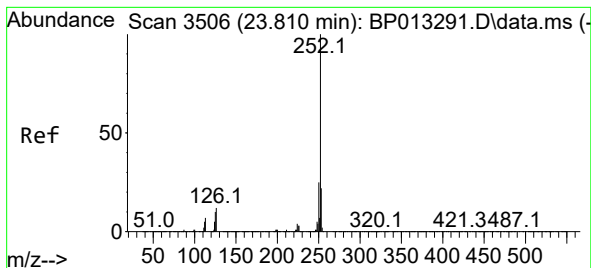
Tgt Ion:252 Resp: 3693456
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 19.644 ng/ul
RT: 23.210 min Scan# 3404
Delta R.T. 0.006 min
Lab File: BP013291.D
Acq: 24 Dec 2022 10:11

Tgt Ion:252 Resp: 3481641
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 20.707 ng/ul

RT: 23.810 min Scan# 3506

Delta R.T. 0.000 min

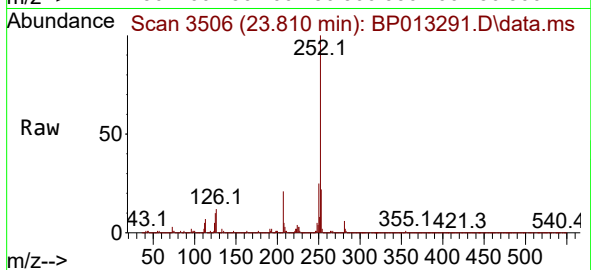
Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :



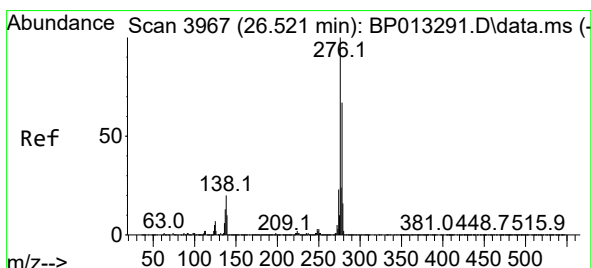
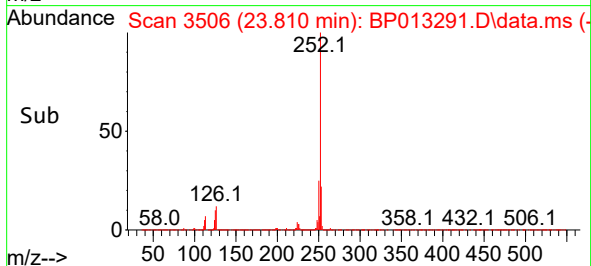
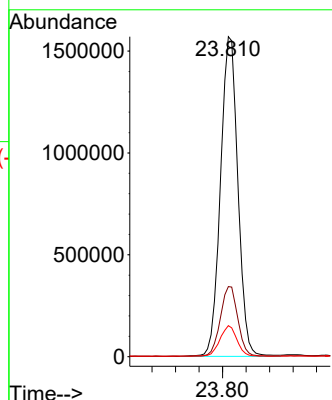
Tgt Ion:252 Resp: 3222639

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.7 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.167 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. 0.006 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

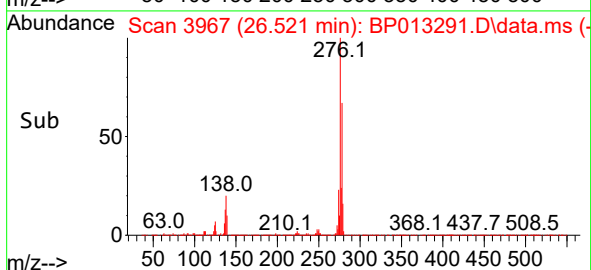
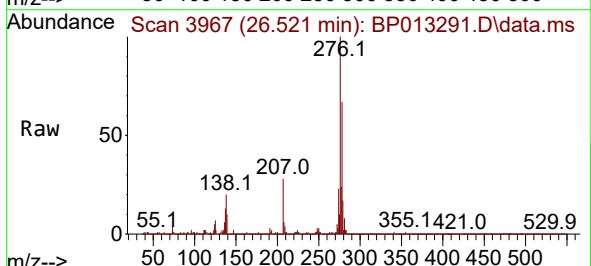
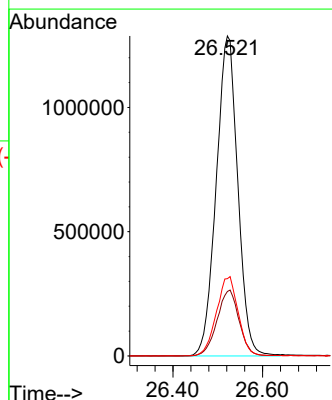
Tgt Ion:276 Resp: 4297138

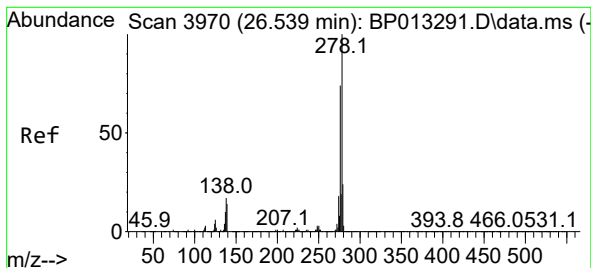
Ion Ratio Lower Upper

276 100

138 20.1 17.1 25.7

277 24.2 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 22.156 ng/ul

RT: 26.539 min Scan# 3970

Delta R.T. 0.012 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Instrument :

BNA_P

ClientSampleId :

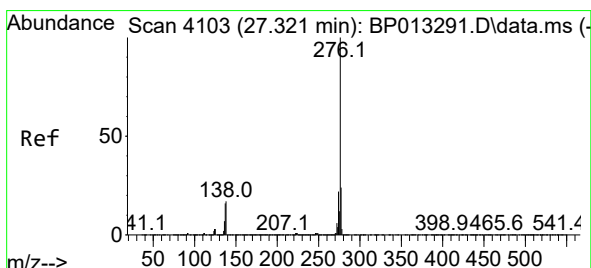
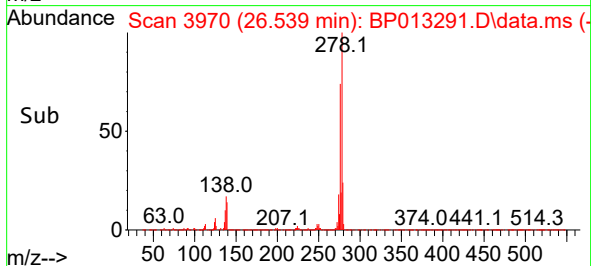
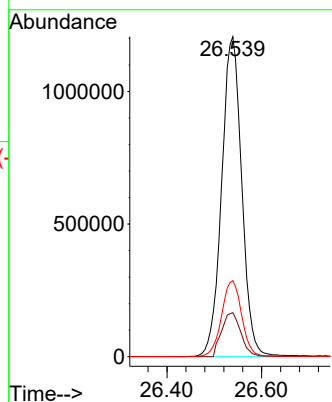
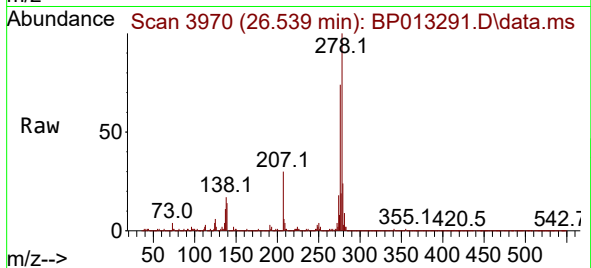
Tgt Ion:278 Resp: 3556091

Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 23.8 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 22.520 ng/ul

RT: 27.321 min Scan# 4103

Delta R.T. 0.012 min

Lab File: BP013291.D

Acq: 24 Dec 2022 10:11

Tgt Ion:276 Resp: 3504845

Ion Ratio Lower Upper

276 100

138 17.3 15.4 23.2

277 23.9 19.1 28.7

