

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018798.D
 Acq On : 13 Dec 2023 09:15
 Operator : MA/JU
 Sample : 05673-02MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHEH8MS

Quant Time: Dec 13 21:34:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	172735	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	670057	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	442645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1050007	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	1101226	20.000	ng/u1	# 0.00
88) Perylene-d12	23.668	264	1295512	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	19097	3.767	ng/uL	0.00
4) Pyridine-d5	3.687	84	119197	8.779	ng/u1	0.01
7) Phenol-d5	7.011	99	96860	5.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	272923	26.564	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	281358	20.801	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	186045	13.262	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	178235	29.887	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	190953	30.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	368012	29.108	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	433933	26.263	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1361536	34.464	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1390507	31.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	44427	6.851	ng/u1	0.00
60) Fluorene-d10	15.457	176	1145749	34.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	148455	23.580	ng/u1	0.00
73) Anthracene-d10	17.316	188	1959528	35.498	ng/u1	0.00
81) Pyrene-d10	19.551	212	2493103	29.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	2749201	36.395	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	21654	3.896	ng/uL	97
5) Pyridine	3.705	79	141781	10.341	ng/u1	98
6) Benzaldehyde	6.981	77	257356	28.755	ng/u1	99
8) Phenol	7.034	94	106305	6.253	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	393707	28.200	ng/u1	100
12) 2-Chlorophenol	7.399	128	299193	21.856	ng/u1	98
13) 2-Methylphenol	8.287	108	216336	16.623	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	464350	26.213	ng/u1	97
16) Acetophenone	8.663	105	597563	28.582	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.652	70	292065	25.394	ng/u1	99
18) 4-Methylphenol	8.616	108	201682	14.192	ng/u1	99
19) Hexachloroethane	8.916	117	143542	25.577	ng/u1	84
22) Nitrobenzene	9.040	77	457854	31.577	ng/u1	99
23) Isophorone	9.569	82	858468	29.038	ng/u1	98
25) 2-Nitrophenol	9.752	139	210834	31.847	ng/u1#	96
26) 2,4-Dimethylphenol	9.816	107	329277	25.432	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.052	93	532297	28.519	ng/u1	100
29) 2,4-Dichlorophenol	10.281	162	368545	30.264	ng/u1	97
30) Naphthalene	10.681	128	1200722	29.539	ng/u1	99
32) 4-Chloroaniline	10.799	127	380257	24.147	ng/u1	100
33) Hexachlorobutadiene	10.969	225	289304	35.472	ng/u1	99
34) Caprolactam	11.581	113	17003	4.553	ng/u1	96
35) 4-Chloro-3-methylphenol	11.922	107	367844	26.964	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	868998	30.177	ng/u1	99

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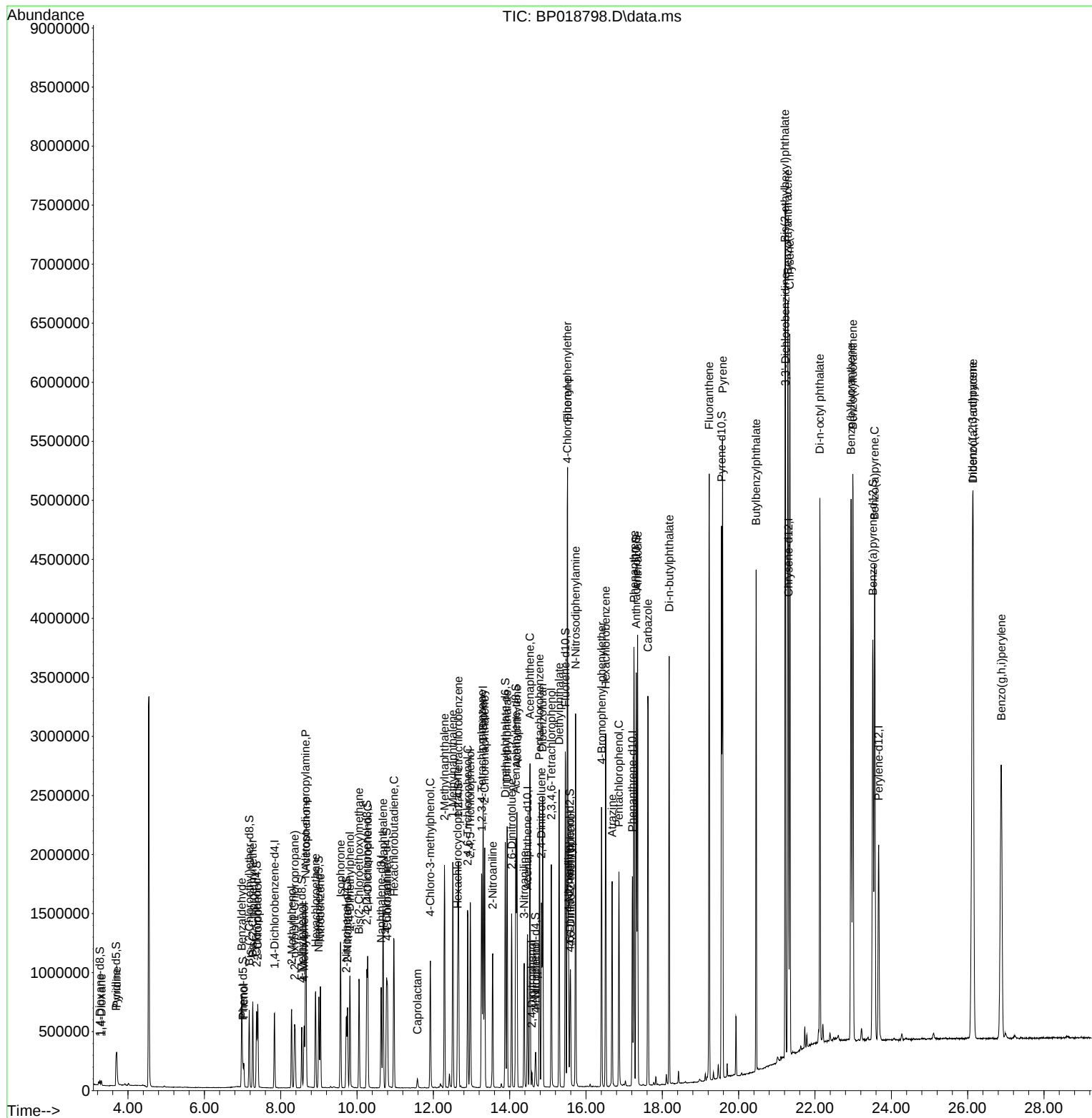
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37) 1-Methylnaphthalene	12.510	142	862071	29.643	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	576861	35.920	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	249847	26.247	ng/ul	98
41) 2,4,6-Trichlorophenol	12.898	196	369318	35.748	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	406003	36.249	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1223670	31.964	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	991560	32.794	ng/ul	99
45) 2-Nitroaniline	13.557	65	301692	36.806	ng/ul	99
47) Dimethylphthalate	13.934	163	1417365	36.447	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	295063	40.160	ng/ul	97
50) Acenaphthylene	14.193	152	1629744	33.321	ng/ul	100
51) 3-Nitroaniline	14.381	138	252949	34.489	ng/ul	99
52) Acenaphthene	14.534	153	1093172	33.804	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	28481	7.314	ng/ul	97
55) 4-Nitrophenol	14.687	109	45595	9.306	ng/ul	78
56) Dibenzofuran	14.863	168	1591954	35.419	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	436247	42.211	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.092	232	381873	40.647	ng/ul	95
59) Diethylphthalate	15.298	149	1450330	38.112	ng/ul	99
61) Fluorene	15.516	166	1315523	36.990	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	732692	39.281	ng/ul	99
63) 4-Nitroaniline	15.545	138	279075	39.942	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.598	198	168480	25.030	ng/ul	91
67) N-Nitrosodiphenylamine	15.728	169	1162072	33.399	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	513552	38.741	ng/ul	95
69) Hexachlorobenzene	16.516	284	618098	41.763	ng/ul	97
70) Atrazine	16.686	200	347918	33.633	ng/ul	98
71) Pentachlorophenol	16.863	266	327695	37.229	ng/ul	99
72) Phenanthrene	17.257	178	2324404	36.653	ng/ul	99
74) Anthracene	17.351	178	2344061	36.876	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	593222	32.674	ng/ul	99
76) Pentachlorobenzene	14.781	250	658719	36.936	ng/ul	99
77) Carbazole	17.622	167	2116502	41.777	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2597820	38.510	ng/ul	100
80) Fluoranthene	19.228	202	3034738	29.950	ng/ul#	93
82) Pyrene	19.580	202	3075465	30.087	ng/ul#	91
83) Butylbenzylphthalate	20.457	149	1234877	32.999	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	1043187	38.982	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3360323	37.594	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1792988	34.859	ng/ul#	100
87) Chrysene	21.339	228	3082439	37.448	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	3177049	33.588	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3485753	36.493	ng/ul#	98
91) Benzo(k)fluoranthene	22.992	252	3432314	37.138	ng/ul#	98
93) Benzo(a)pyrene	23.563	252	3245148	37.181	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	4151913	39.815	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.145	278	3444727	39.710	ng/ul#	96
96) Benzo(g,h,i)perylene	26.880	276	3304846	39.380	ng/ul#	94

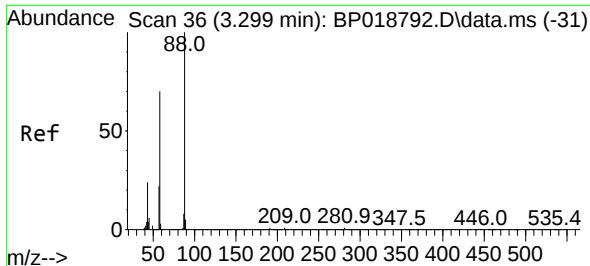
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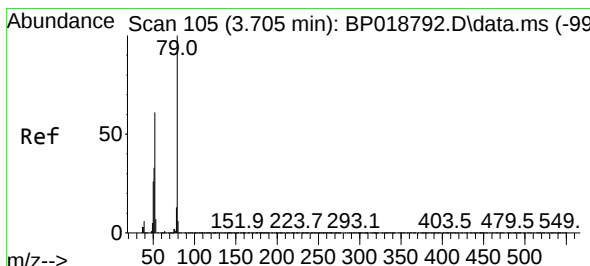
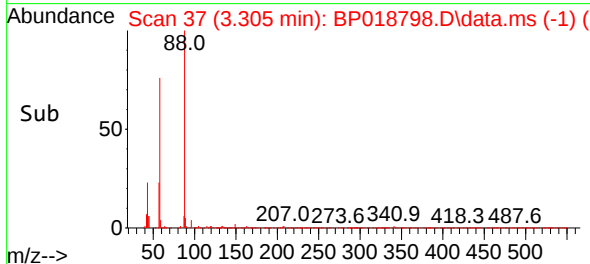
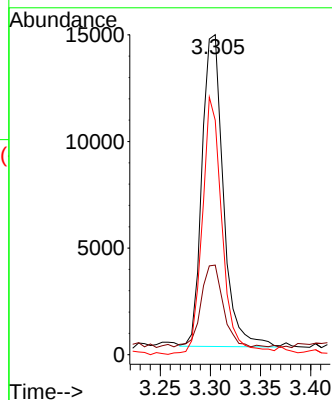
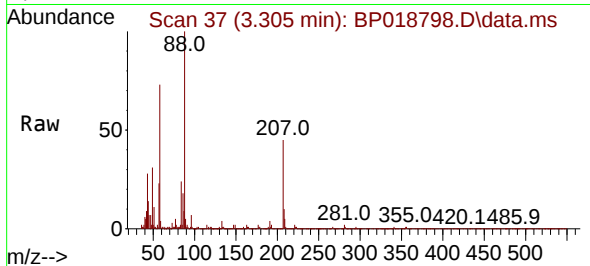




#2
1,4-Dioxane
Concen: 3.896 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

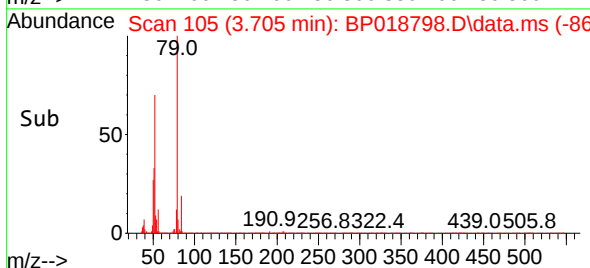
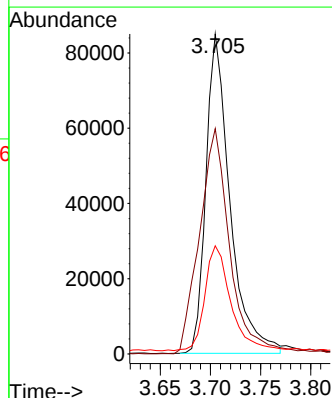
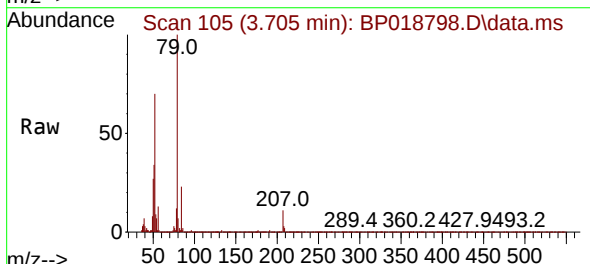
Instrument :
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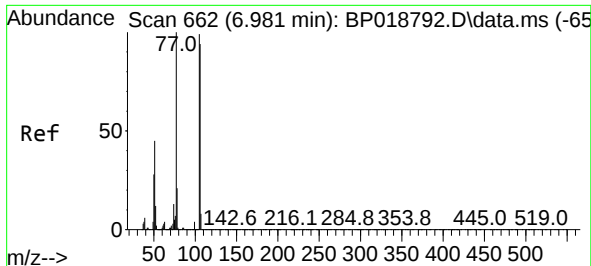
Tgt Ion: 88	Resp: 21654
Ion Ratio	Lower Upper
88 100	
43 28.0	21.8 32.6
58 73.3	56.5 84.7



#5
Pyridine
Concen: 10.341 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. 0.012 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion: 79	Resp: 141781
Ion Ratio	Lower Upper
79 100	
52 70.4	57.4 86.0
51 33.8	26.2 39.4

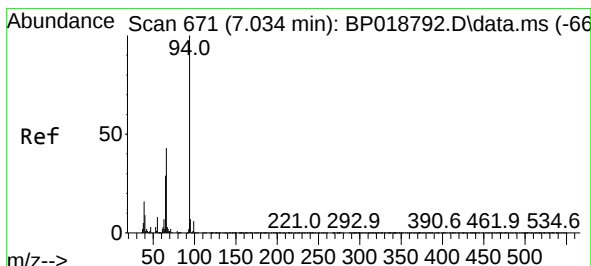
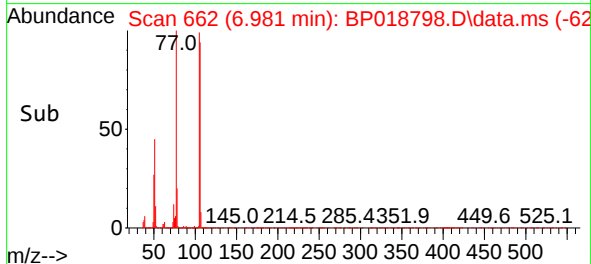
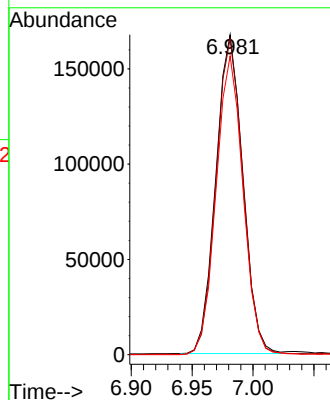
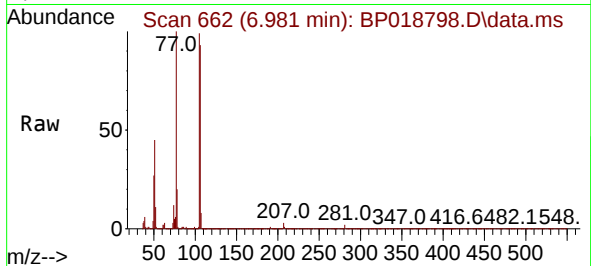




#6
Benzaldehyde
Concen: 28.755 ng/ul
RT: 6.981 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

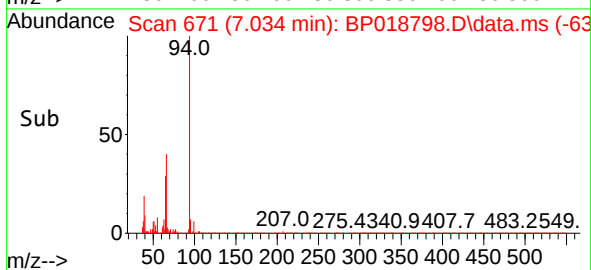
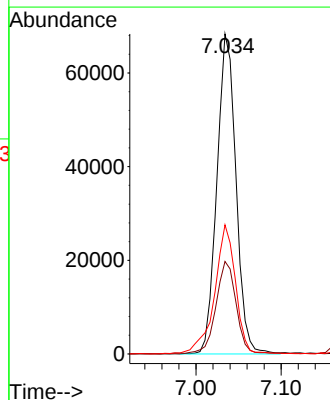
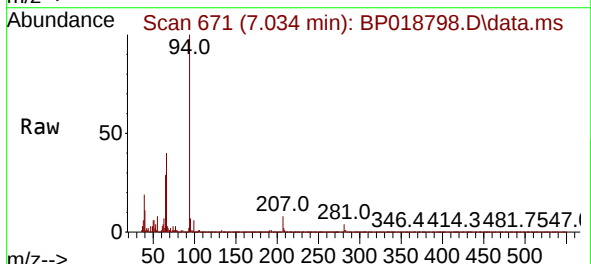
Instrument :
BNA_P
ClientSampleId :
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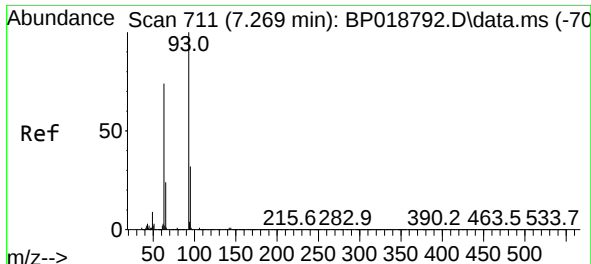
Tgt Ion: 77 Resp: 257356
Ion Ratio Lower Upper
77 100
105 98.6 77.9 116.9
106 93.3 74.6 111.8



#8
Phenol
Concen: 6.253 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion: 94 Resp: 106305
Ion Ratio Lower Upper
94 100
65 28.9 21.0 31.6
66 40.4 28.6 43.0



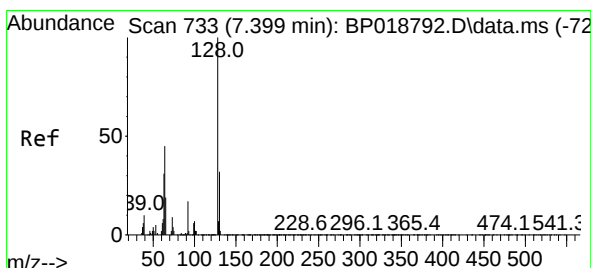
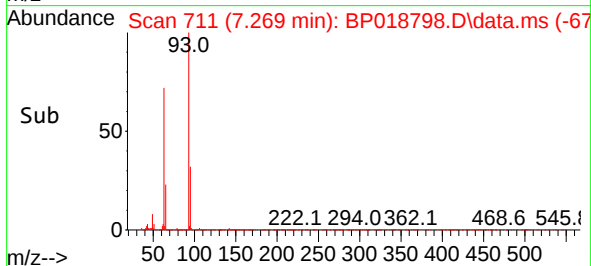
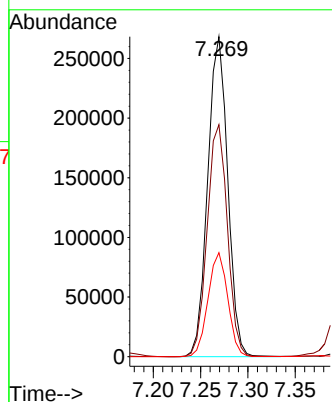
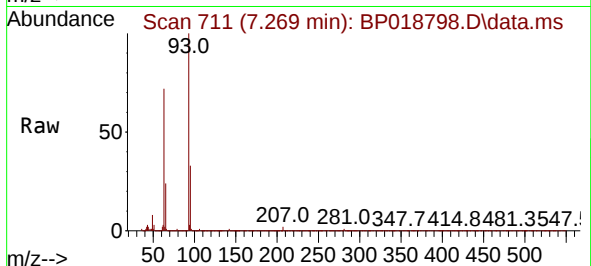


#10
 Bis(2-Chloroethyl)ether
 Concen: 28.200 ng/ul
 RT: 7.269 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: BP018798.D
 Acq: 13 Dec 2023 09:15

Instrument :
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Tgt Ion: 93 Resp: 393707

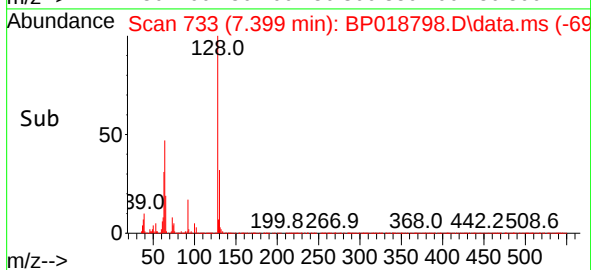
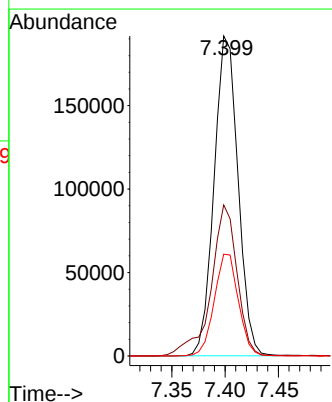
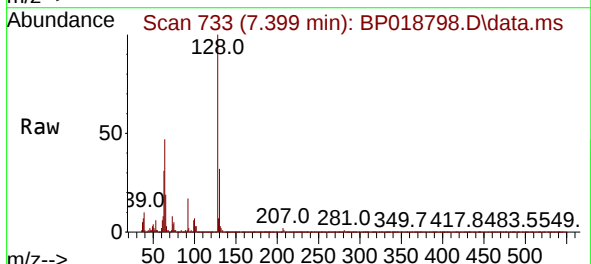
Ion	Ratio	Lower	Upper
93	100		
63	72.5	58.3	87.5
95	32.5	25.9	38.9

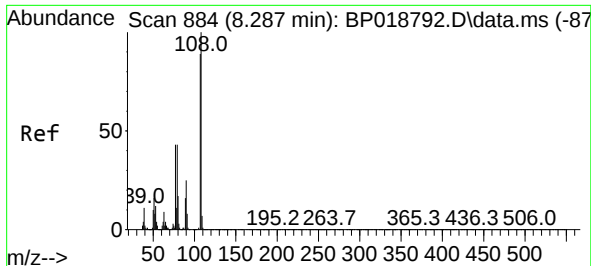


#12
 2-Chlorophenol
 Concen: 21.856 ng/ul
 RT: 7.399 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: BP018798.D
 Acq: 13 Dec 2023 09:15

Tgt Ion:128 Resp: 299193

Ion	Ratio	Lower	Upper
128	100		
64	47.2	37.0	55.4
130	31.8	26.8	40.2





#13

2-Methylphenol

Concen: 16.623 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. 0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

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ClientSampleId :

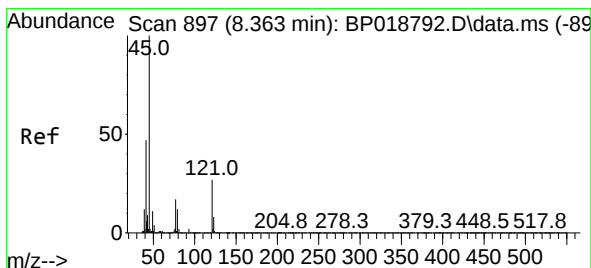
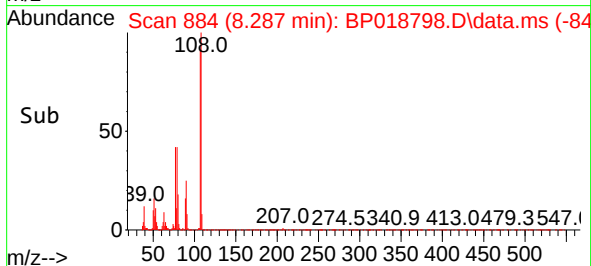
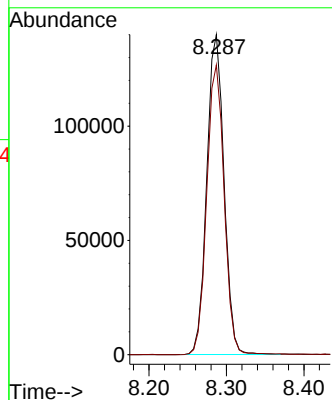
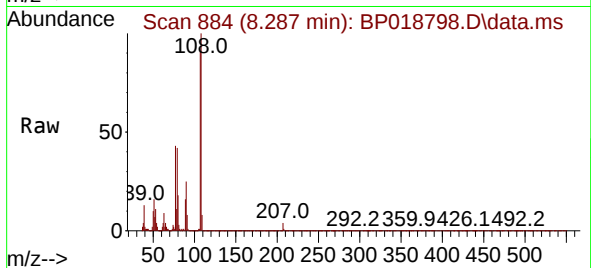
BHEH8MS

Tgt Ion:108 Resp: 216336

Ion Ratio Lower Upper

108 100

107 90.6 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.213 ng/ul

RT: 8.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

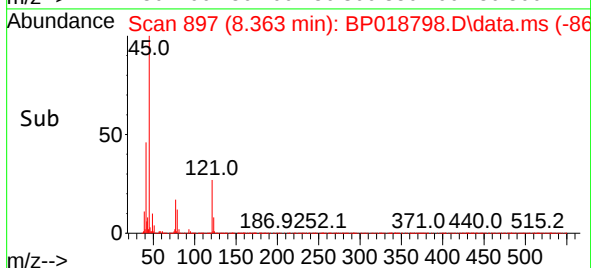
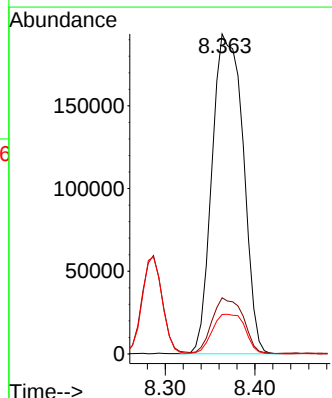
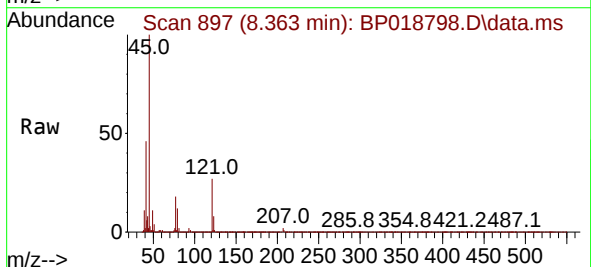
Tgt Ion: 45 Resp: 464350

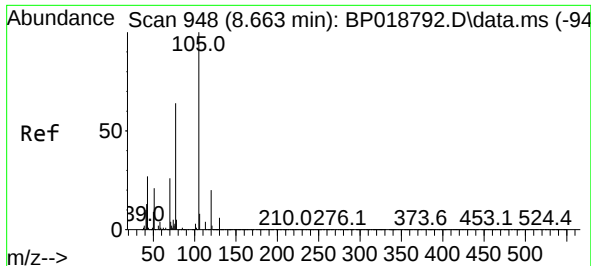
Ion Ratio Lower Upper

45 100

77 17.6 12.7 19.1

79 12.4 10.5 15.7

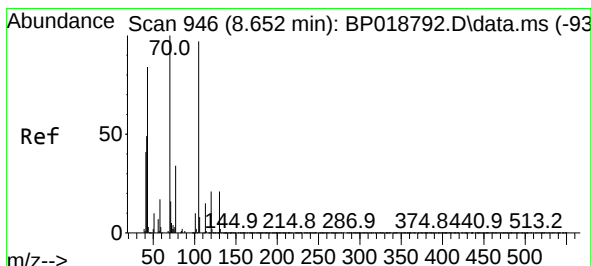
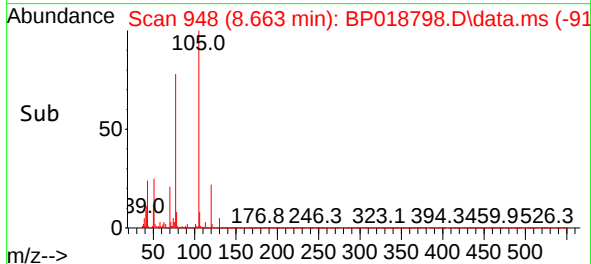
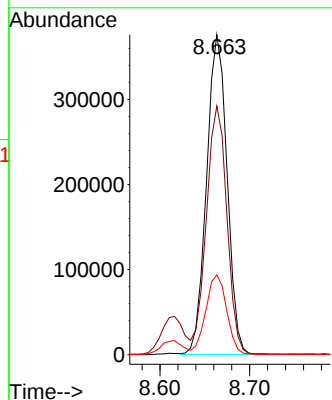
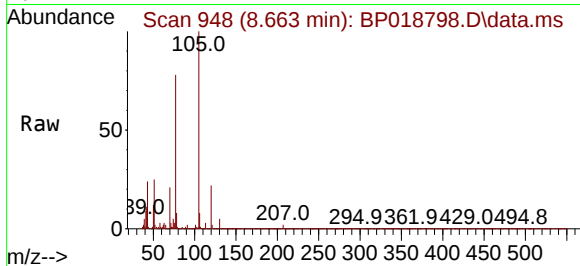




#16
Acetophenone
Concen: 28.582 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

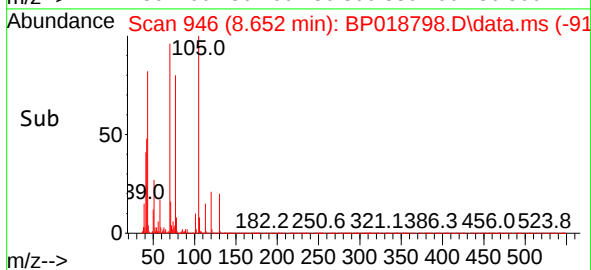
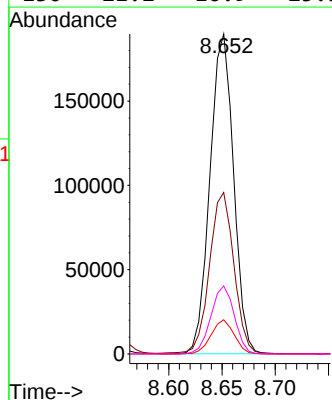
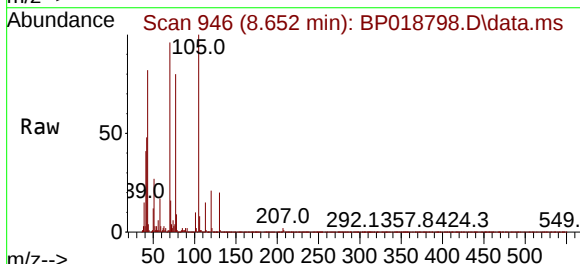
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

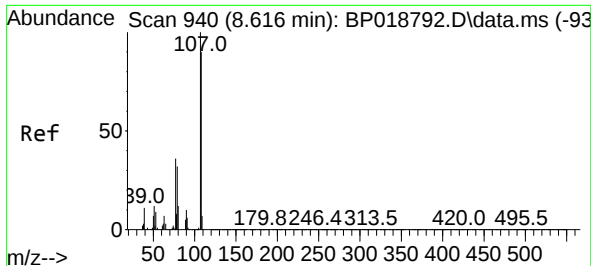
Tgt Ion:105 Resp: 597563
Ion Ratio Lower Upper
105 100
77 77.7 59.4 89.0
51 24.9 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 25.394 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion: 70 Resp: 292065
Ion Ratio Lower Upper
70 100
42 50.5 41.0 61.4
101 10.7 7.8 11.8
130 21.2 16.9 25.3

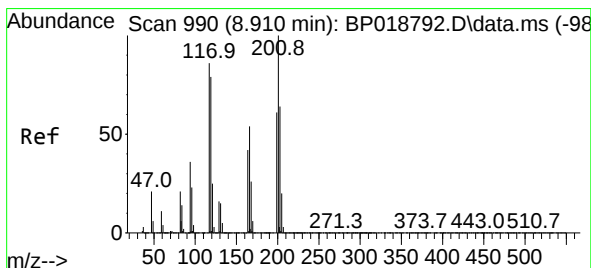
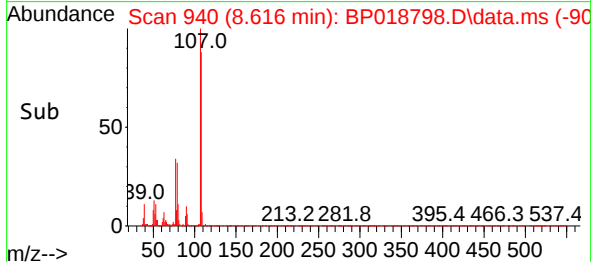
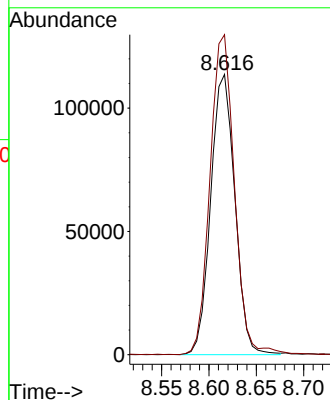
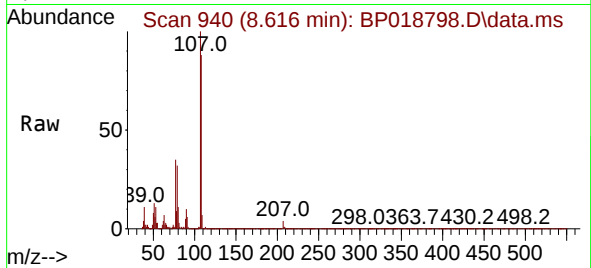




#18
4-Methylphenol
Concen: 14.192 ng/ul
RT: 8.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

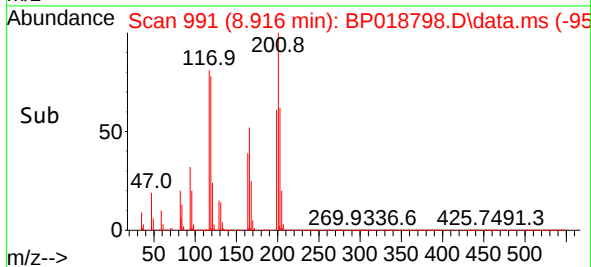
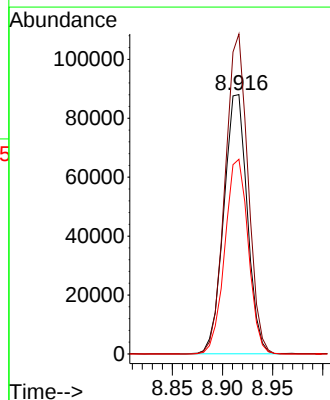
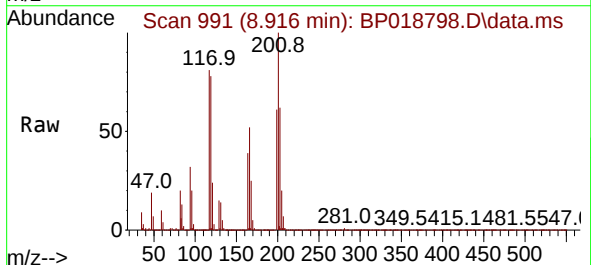
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

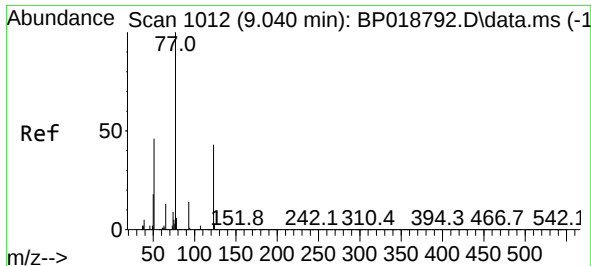
Tgt Ion:108 Resp: 201682
Ion Ratio Lower Upper
108 100
107 114.2 90.6 136.0



#19
Hexachloroethane
Concen: 25.577 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:117 Resp: 143542
Ion Ratio Lower Upper
117 100
201 123.4 83.7 125.5
199 75.1 52.3 78.5

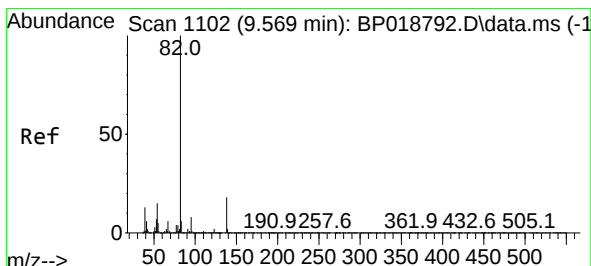
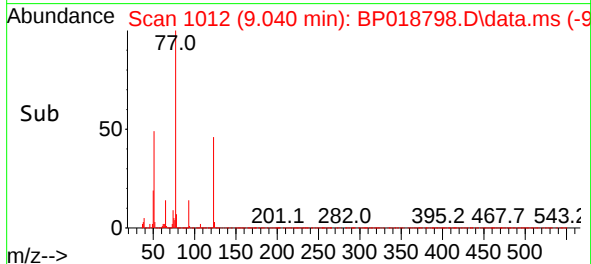
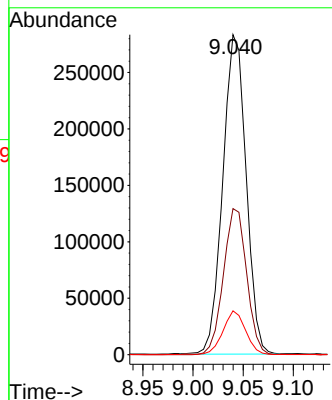
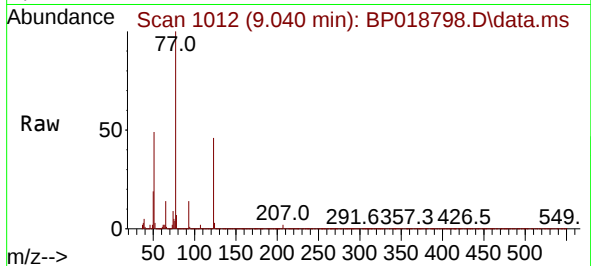




#22
Nitrobenzene
Concen: 31.577 ng/ul
RT: 9.040 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

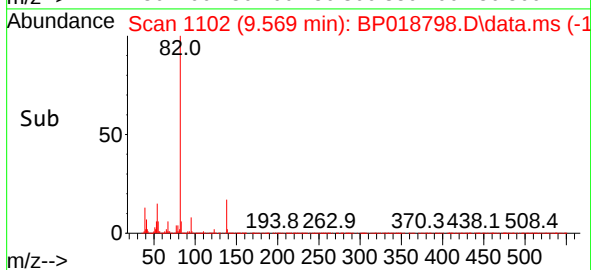
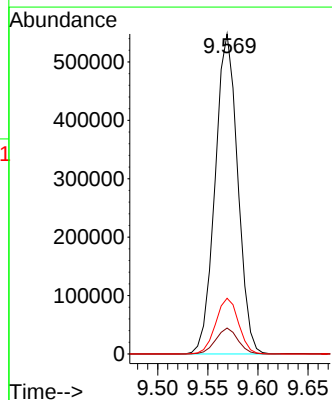
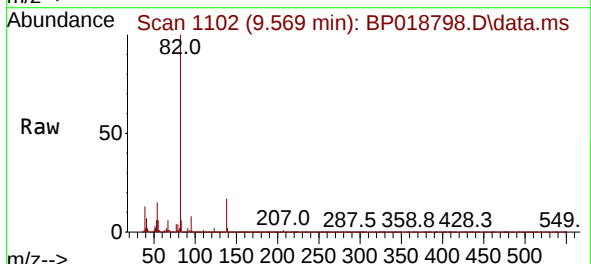
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

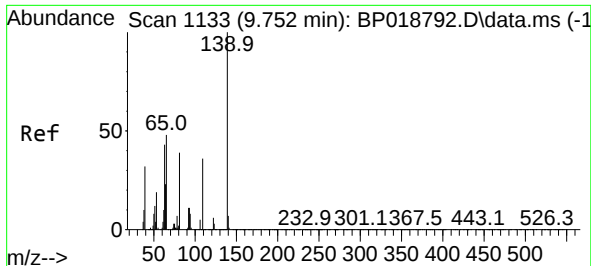
Tgt Ion: 77 Resp: 457854
Ion Ratio Lower Upper
77 100
123 45.6 35.8 53.8
65 13.7 10.5 15.7



#23
Isophorone
Concen: 29.038 ng/ul
RT: 9.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion: 82 Resp: 858468
Ion Ratio Lower Upper
82 100
95 8.1 5.5 8.3
138 17.4 13.5 20.3

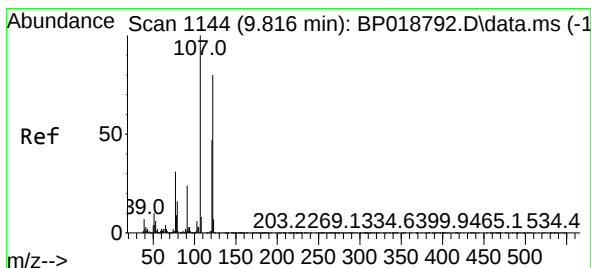
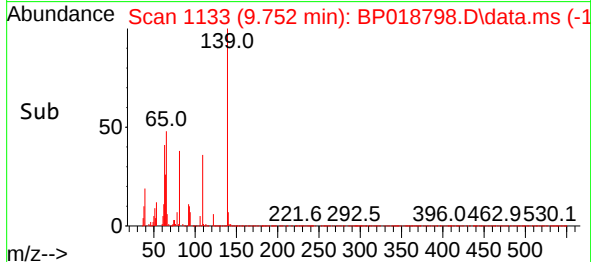
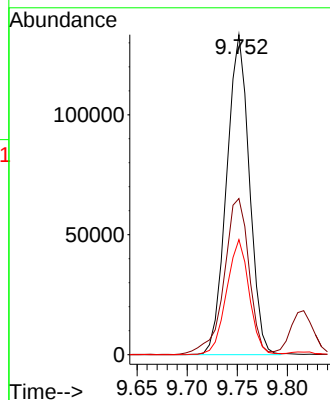
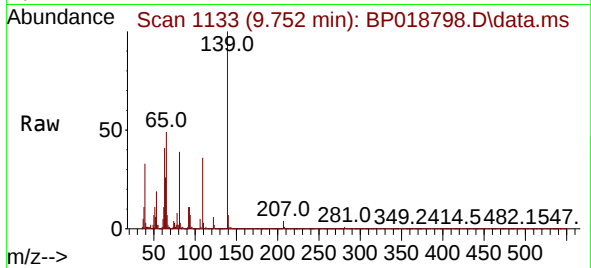




#25
2-Nitrophenol
Concen: 31.847 ng/ul
RT: 9.752 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

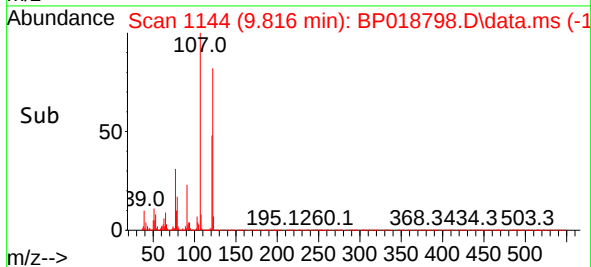
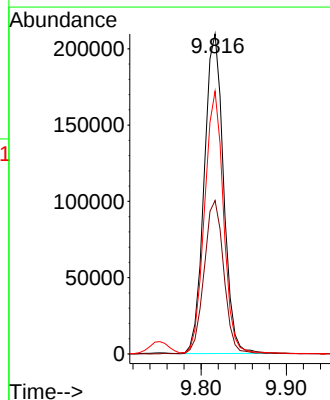
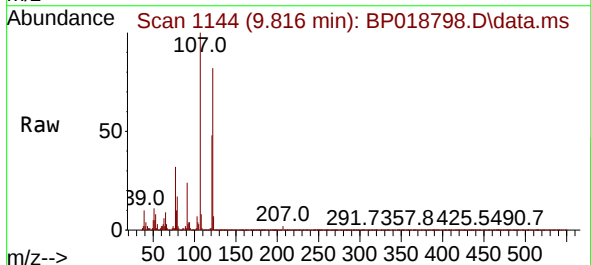
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

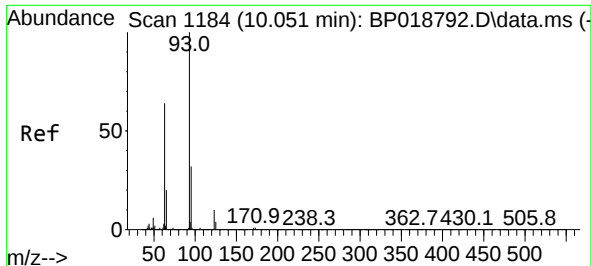
Tgt Ion:139 Resp: 210834
Ion Ratio Lower Upper
139 100
65 48.8 39.1 58.7
109 35.9 23.8 35.6#



#26
2,4-Dimethylphenol
Concen: 25.432 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:107 Resp: 329277
Ion Ratio Lower Upper
107 100
121 47.9 40.0 60.0
122 82.1 69.1 103.7

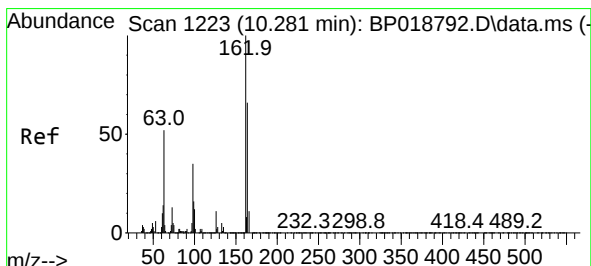
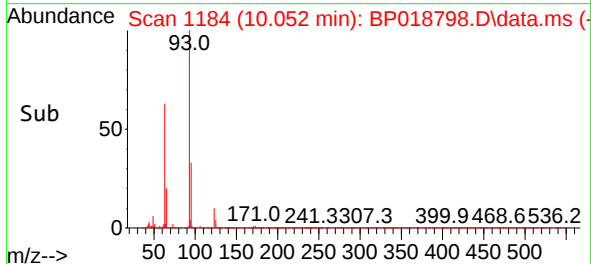
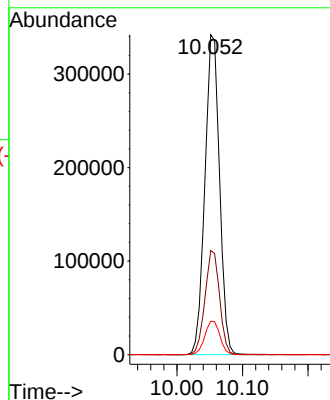
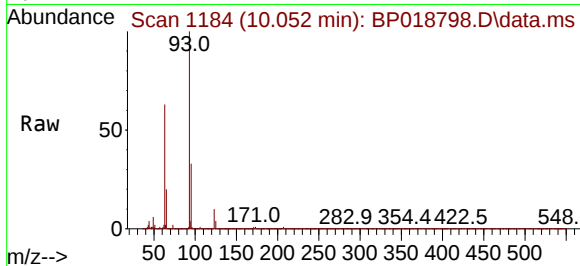




#27
Bis(2-Chloroethoxy)methane
Concen: 28.519 ng/ul
RT: 10.052 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

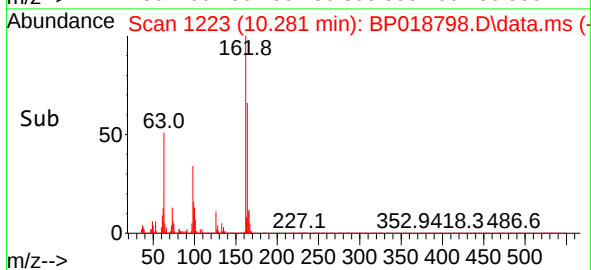
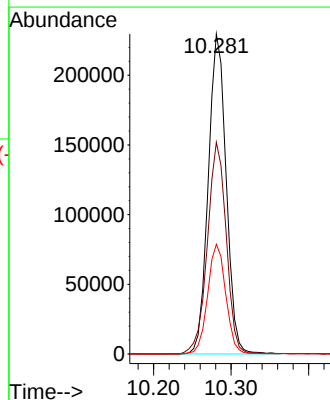
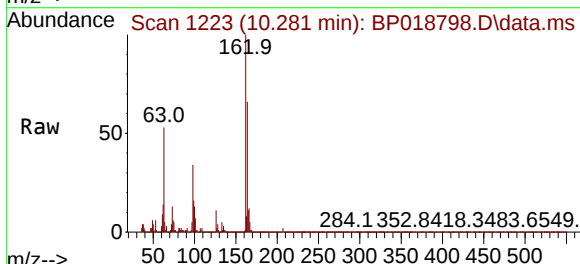
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

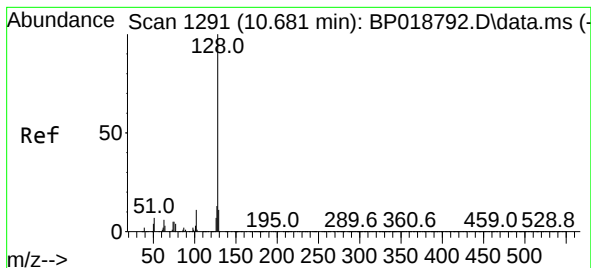
Tgt Ion: 93 Resp: 532297
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 10.5 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 30.264 ng/ul
RT: 10.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:162 Resp: 368545
Ion Ratio Lower Upper
162 100
164 66.2 51.7 77.5
98 34.3 29.2 43.8

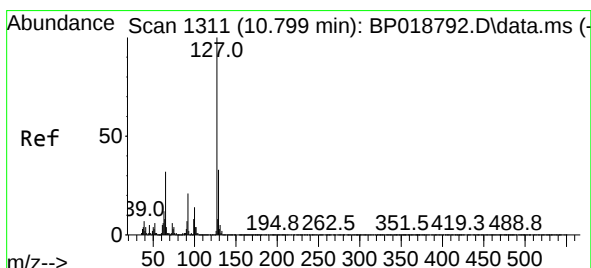
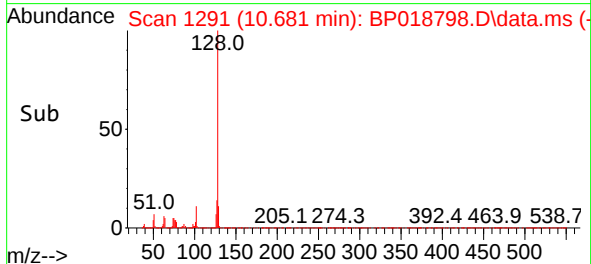
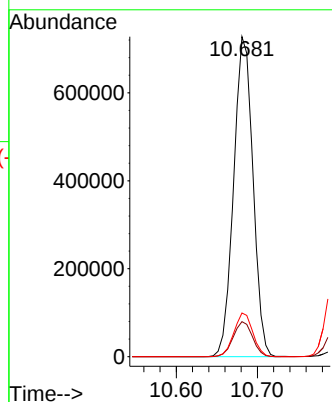
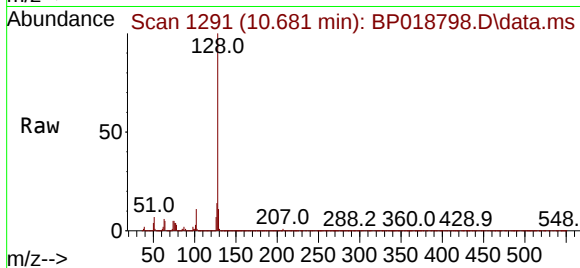




#30
Naphthalene
Concen: 29.539 ng/ul
RT: 10.681 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

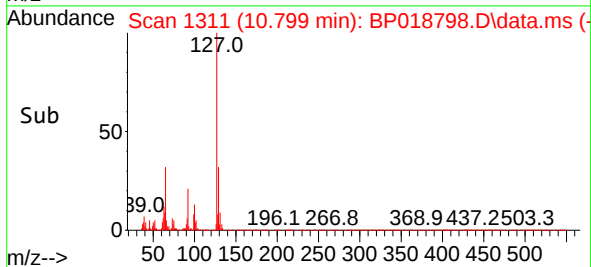
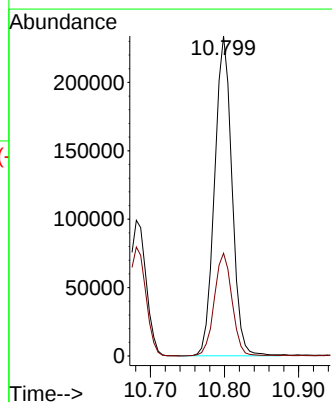
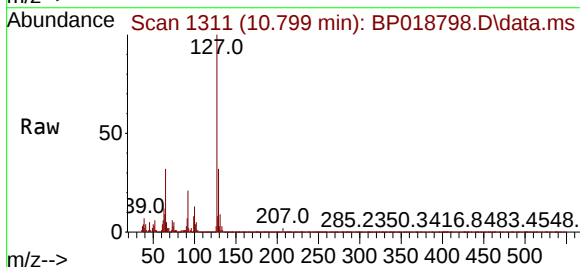
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

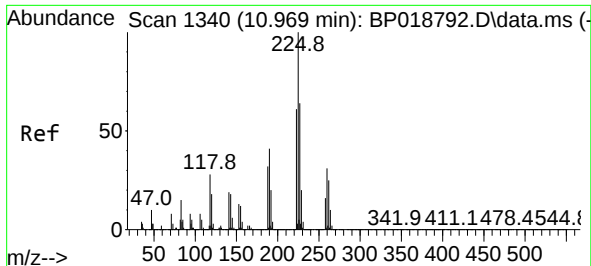
Tgt Ion:128 Resp: 1200722
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.6 10.5 15.7



#32
4-Chloroaniline
Concen: 24.147 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:127 Resp: 380257
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4

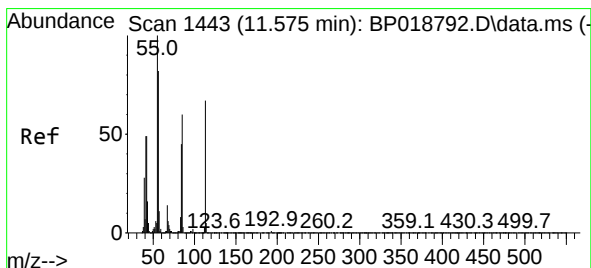
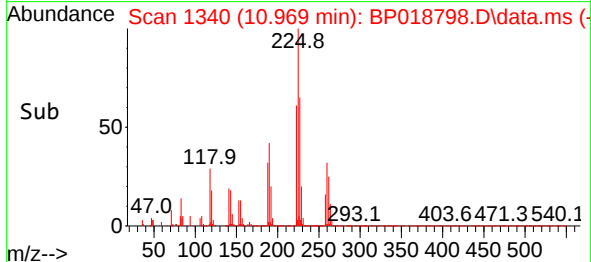
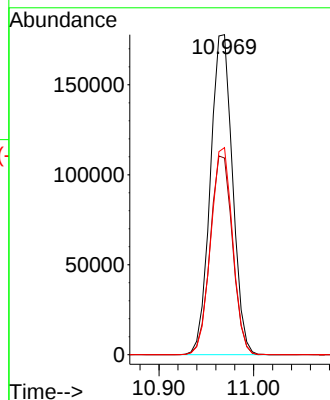
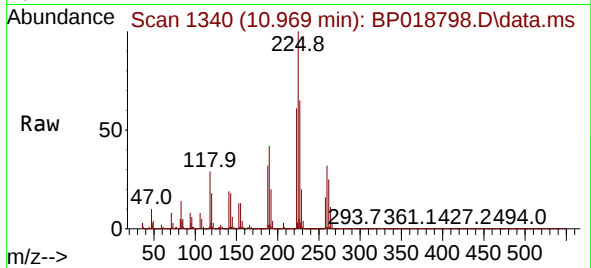




#33
Hexachlorobutadiene
Concen: 35.472 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

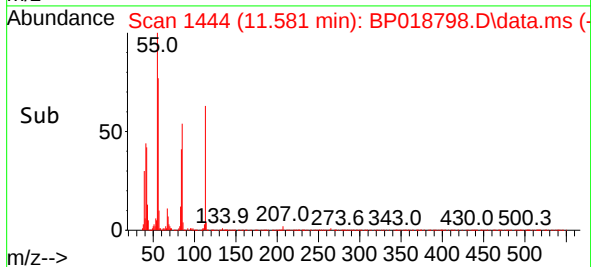
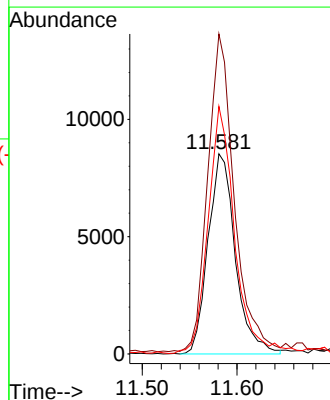
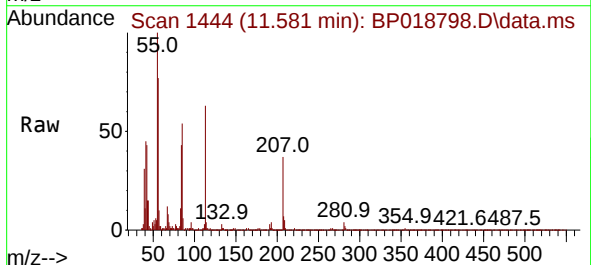
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

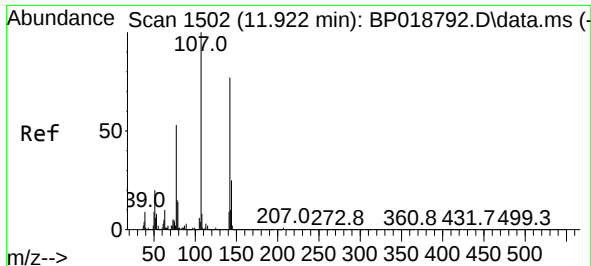
Tgt Ion:225 Resp: 289304
Ion Ratio Lower Upper
225 100
223 61.5 49.5 74.3
227 64.7 50.9 76.3



#34
Caprolactam
Concen: 4.553 ng/ul
RT: 11.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:113 Resp: 17003
Ion Ratio Lower Upper
113 100
55 159.9 133.7 200.5
56 123.7 97.4 146.2

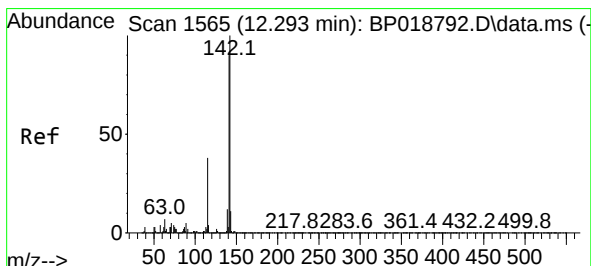
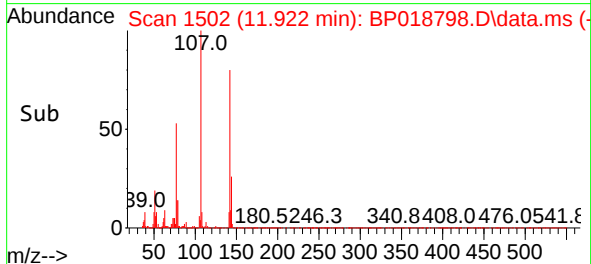
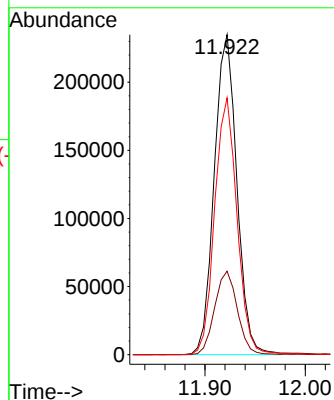
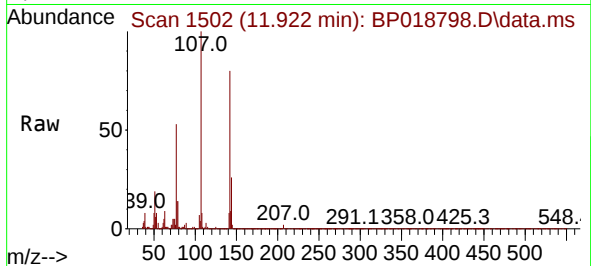




#35
4-Chloro-3-methylphenol
Concen: 26.964 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

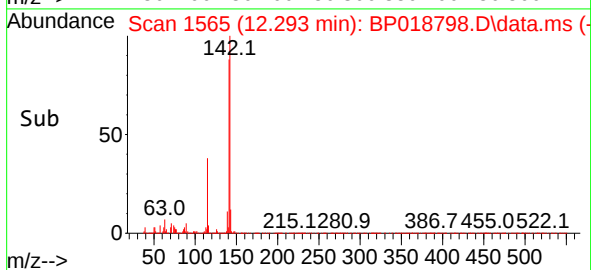
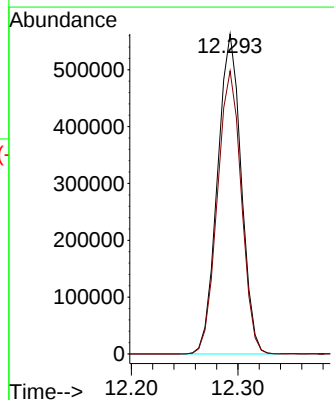
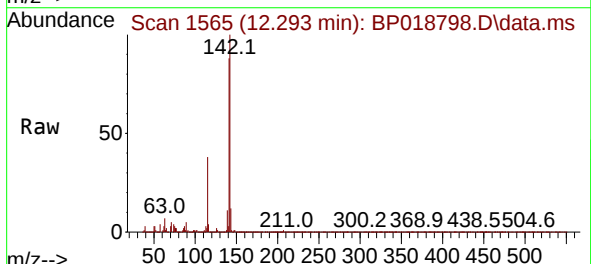
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

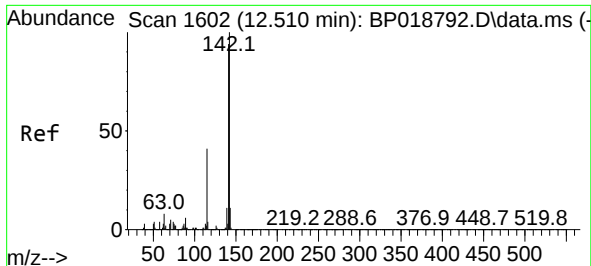
Tgt Ion:107 Resp: 367844
Ion Ratio Lower Upper
107 100
144 26.1 21.0 31.6
142 80.2 63.6 95.4



#36
2-Methylnaphthalene
Concen: 30.177 ng/ul
RT: 12.293 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:142 Resp: 868998
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0

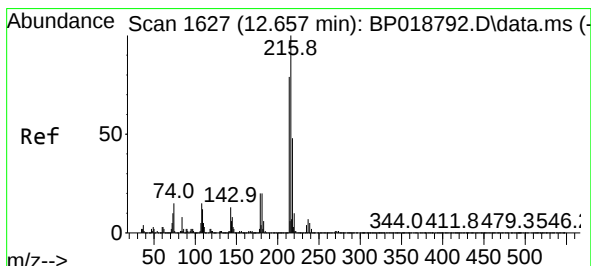
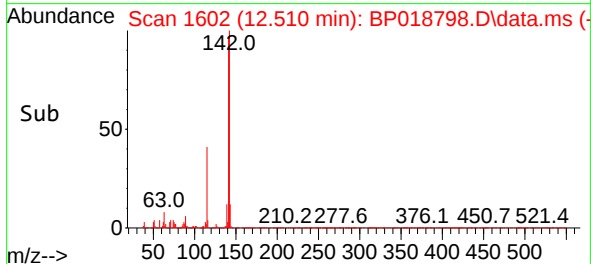
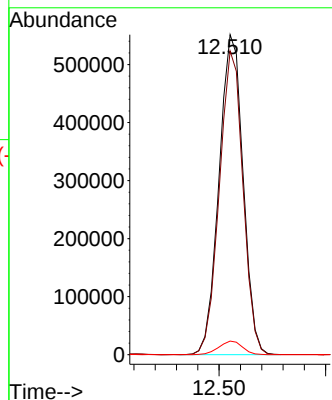
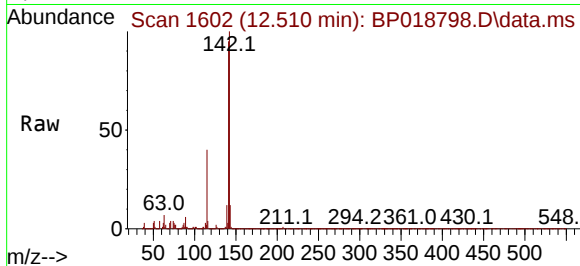




#37
1-Methylnaphthalene
Concen: 29.643 ng/ul
RT: 12.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

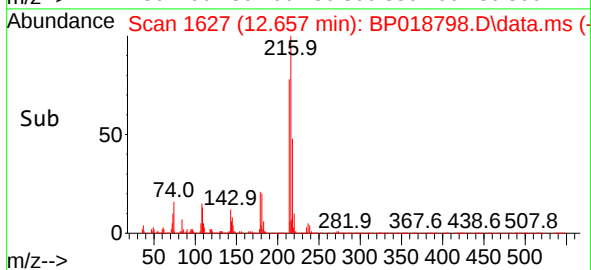
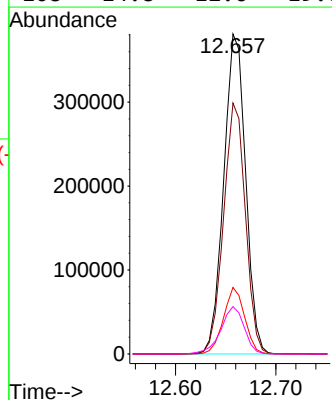
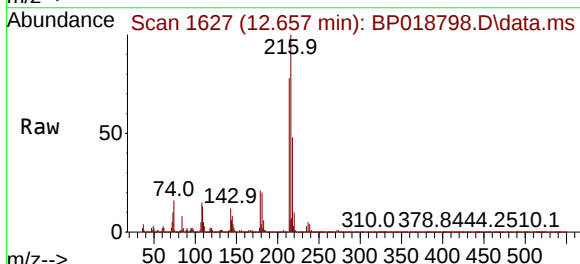
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

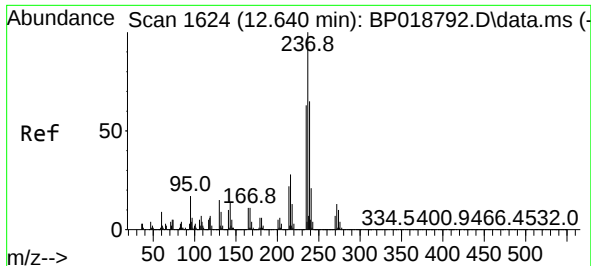
Tgt Ion:142 Resp: 862071
Ion Ratio Lower Upper
142 100
141 94.9 73.5 110.3
116 4.3 2.8 4.2#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.920 ng/ul
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:216 Resp: 576861
Ion Ratio Lower Upper
216 100
214 78.4 63.9 95.9
179 20.8 16.3 24.5
108 14.8 12.6 19.0

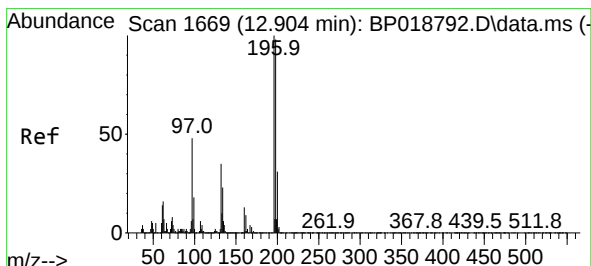
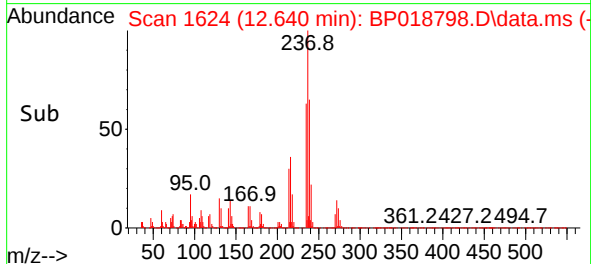
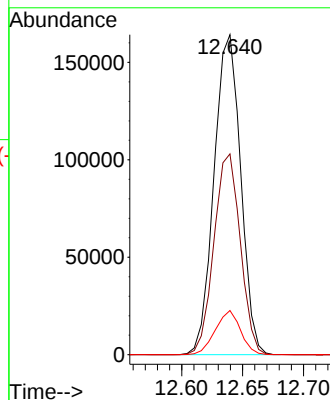
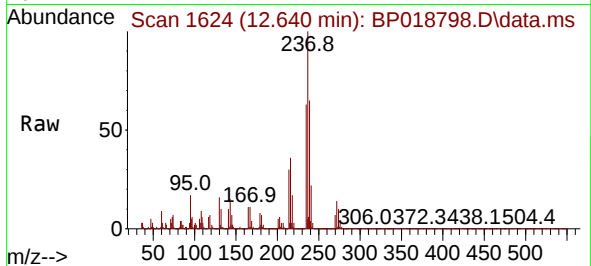




#40
Hexachlorocyclopentadiene
Concen: 26.247 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

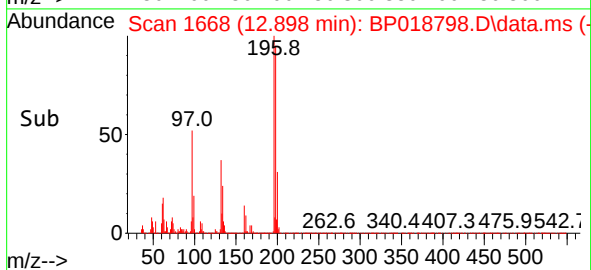
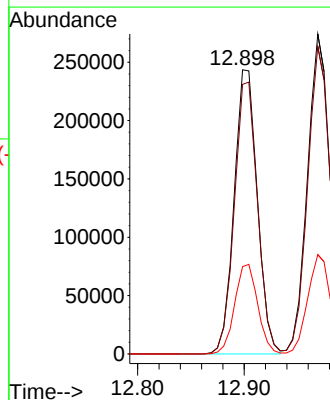
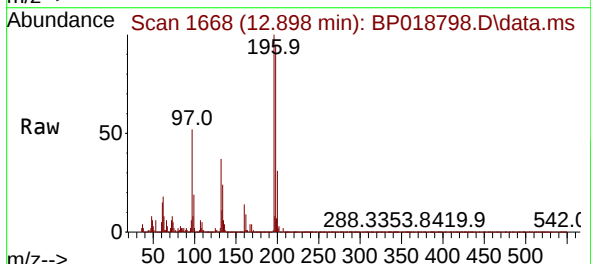
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

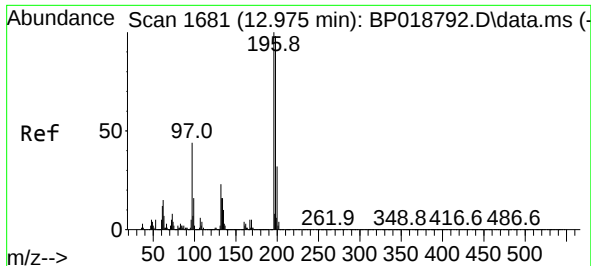
Tgt Ion:237 Resp: 249847
Ion Ratio Lower Upper
237 100
235 62.8 49.4 74.0
272 13.8 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 35.748 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:196 Resp: 369318
Ion Ratio Lower Upper
196 100
198 94.9 76.9 115.3
200 30.7 25.0 37.6

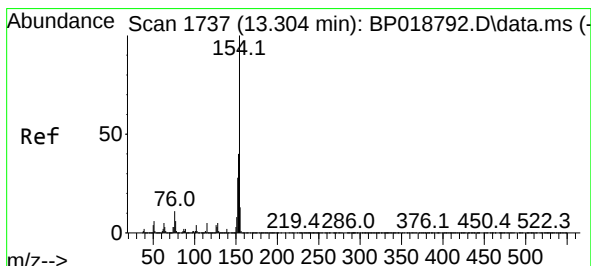
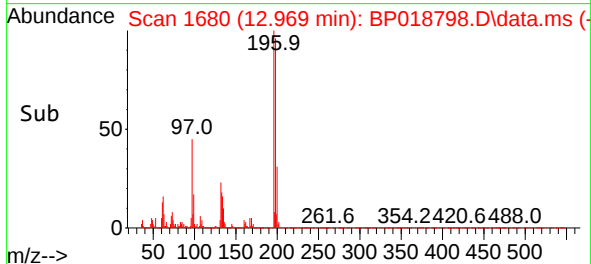
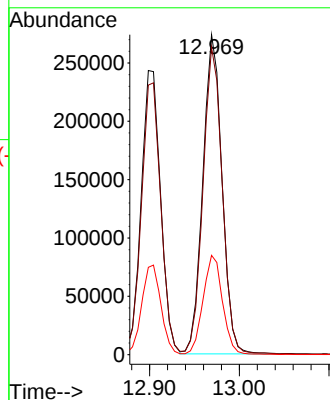
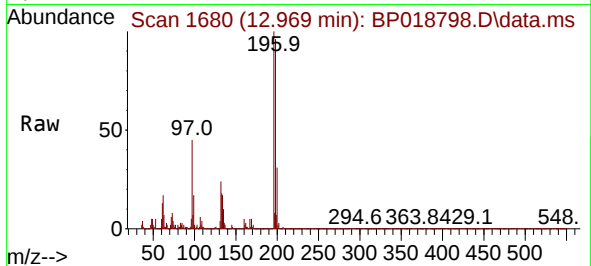




#42
2,4,5-Trichlorophenol
Concen: 36.249 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

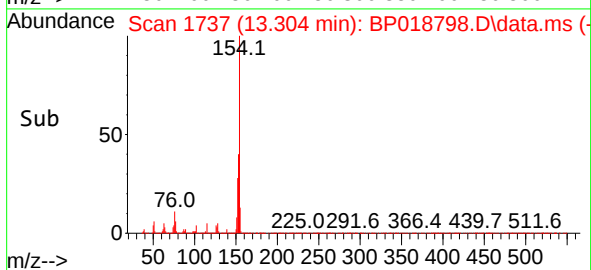
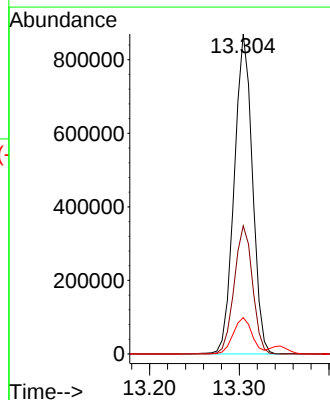
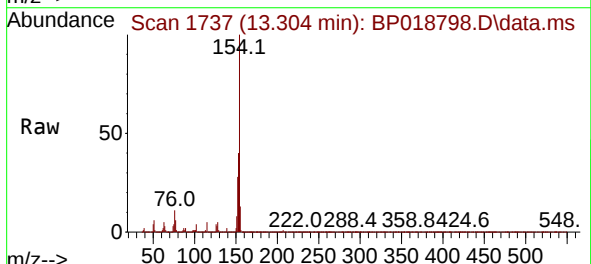
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

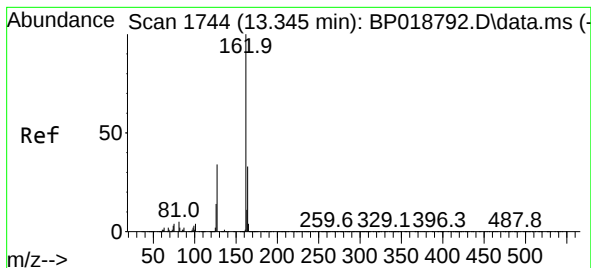
Tgt Ion:196 Resp: 406003
Ion Ratio Lower Upper
196 100
198 96.1 77.9 116.9
200 31.0 25.2 37.8



#43
1,1'-Biphenyl
Concen: 31.964 ng/ul
RT: 13.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:154 Resp: 1223670
Ion Ratio Lower Upper
154 100
153 40.1 32.8 49.2
76 11.4 10.7 16.1





#44

2-Chloronaphthalene

Concen: 32.794 ng/ul

RT: 13.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

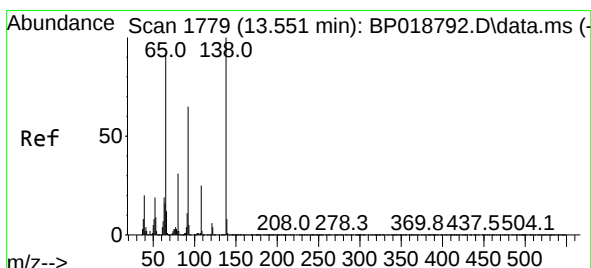
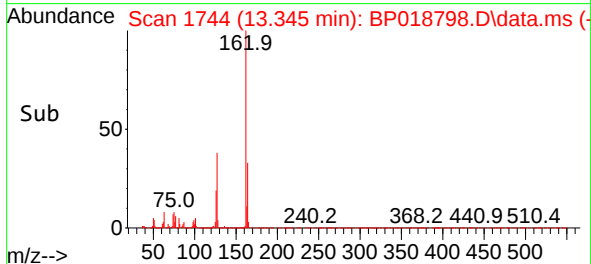
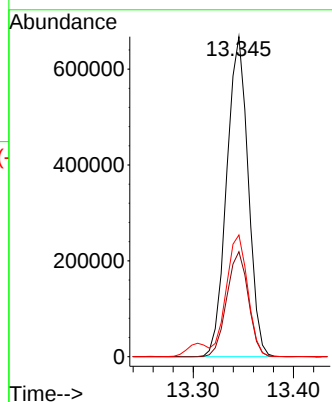
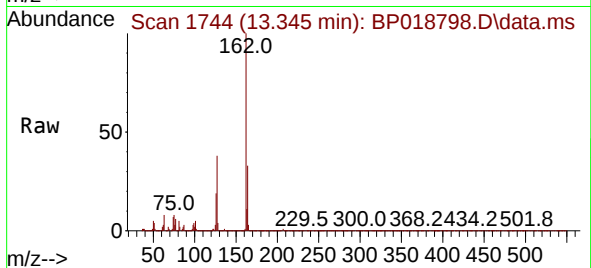
Tgt Ion:162 Resp: 991560

Ion Ratio Lower Upper

162 100

164 32.8 25.7 38.5

127 38.1 30.3 45.5



#45

2-Nitroaniline

Concen: 36.806 ng/ul

RT: 13.557 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

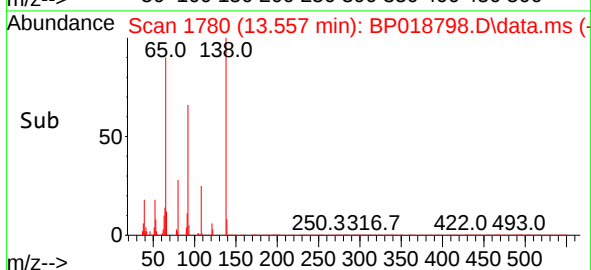
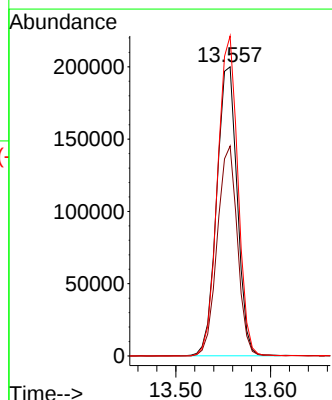
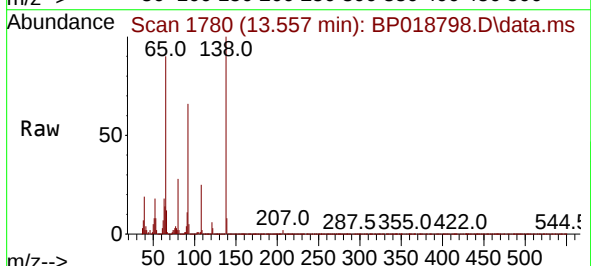
Tgt Ion: 65 Resp: 301692

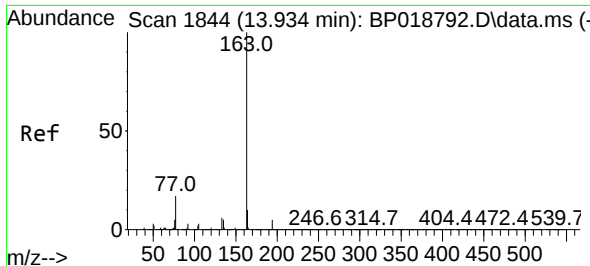
Ion Ratio Lower Upper

65 100

92 72.6 56.9 85.3

138 110.7 88.2 132.2

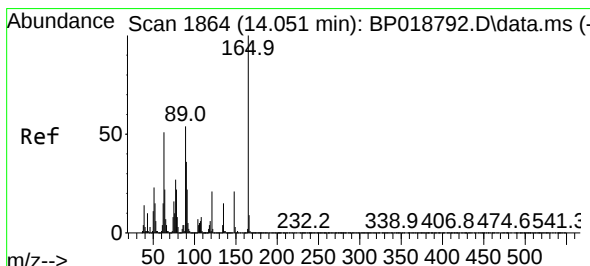
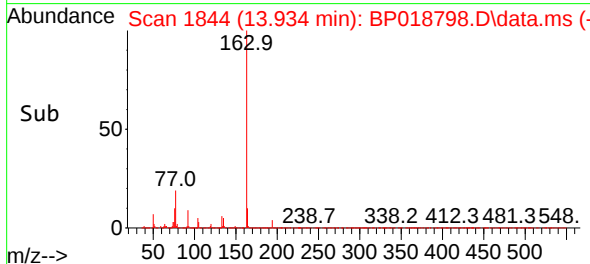
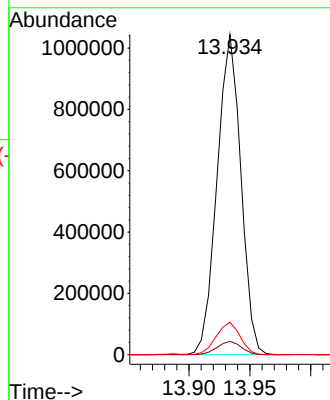
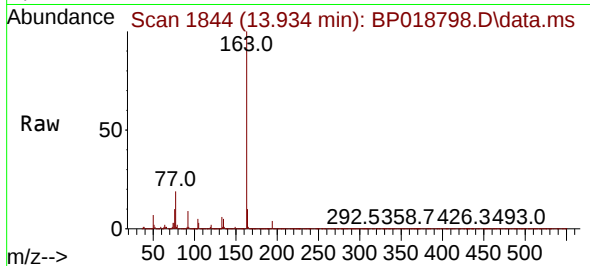




#47
Dimethylphthalate
Concen: 36.447 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

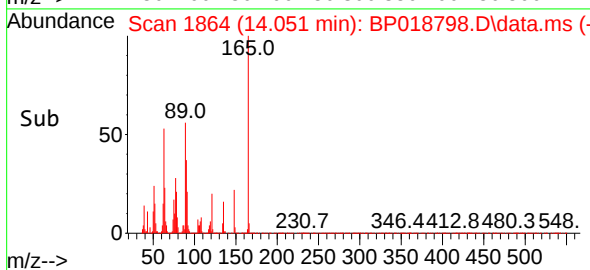
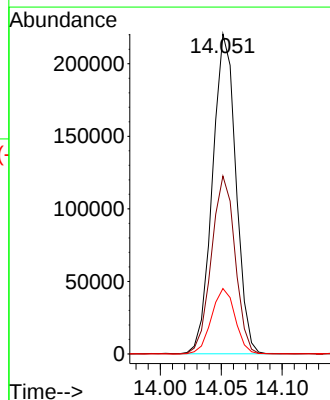
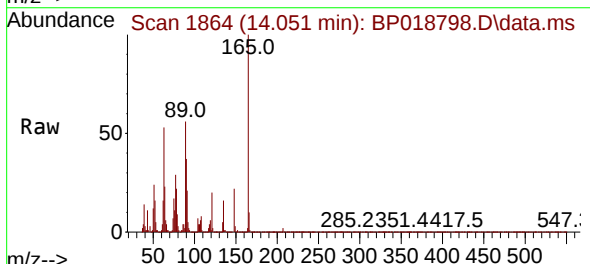
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

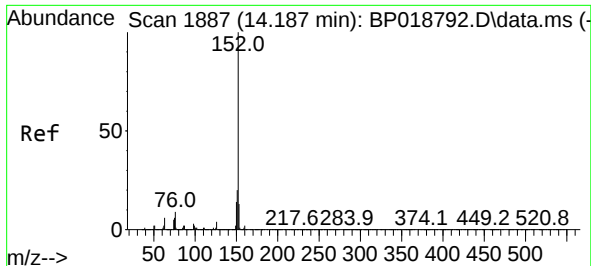
Tgt Ion:163 Resp: 1417365
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 40.160 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:165 Resp: 295063
Ion Ratio Lower Upper
165 100
89 55.6 46.6 70.0
121 20.4 17.3 25.9

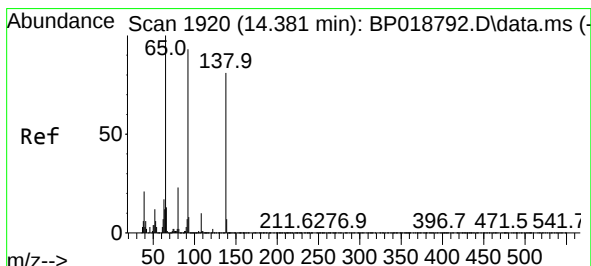
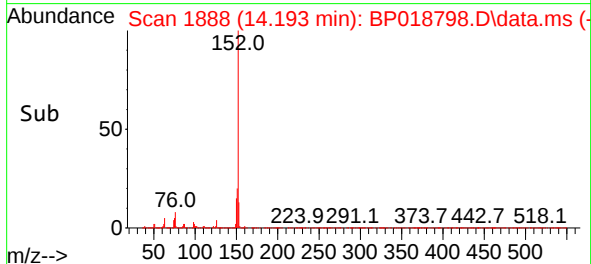
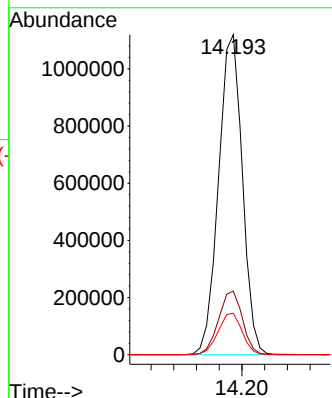
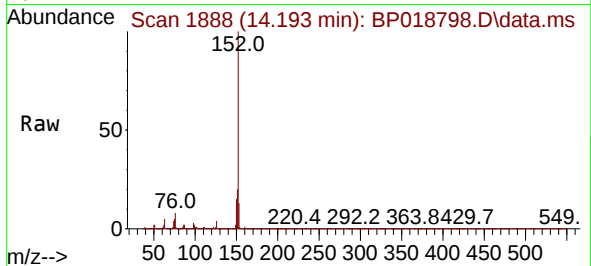




#50
Acenaphthylene
Concen: 33.321 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

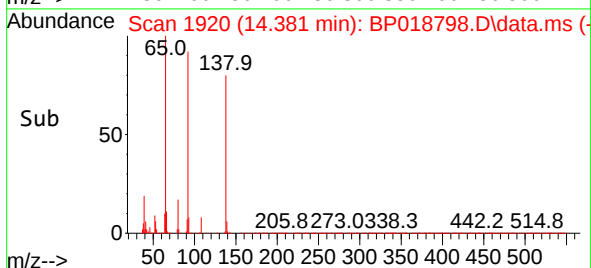
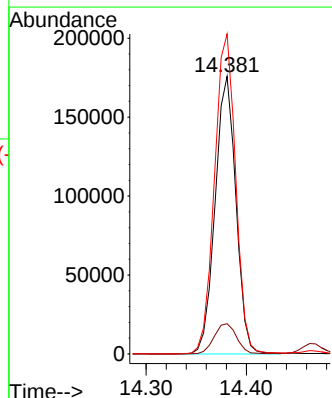
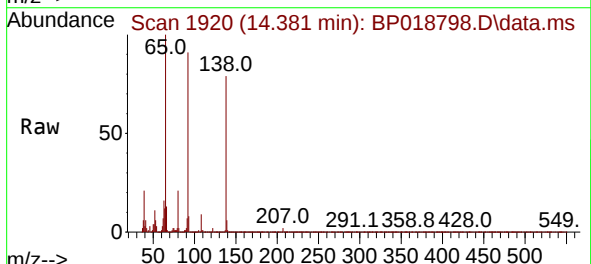
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

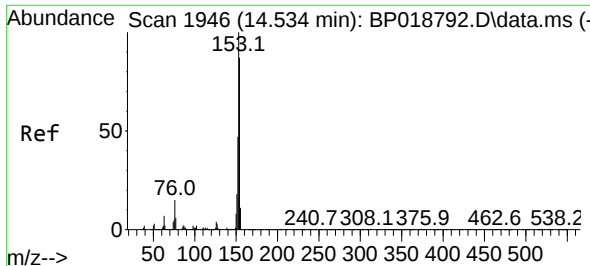
Tgt Ion:152 Resp: 1629744
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 34.489 ng/ul
RT: 14.381 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:138 Resp: 252949
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 115.3 93.1 139.7

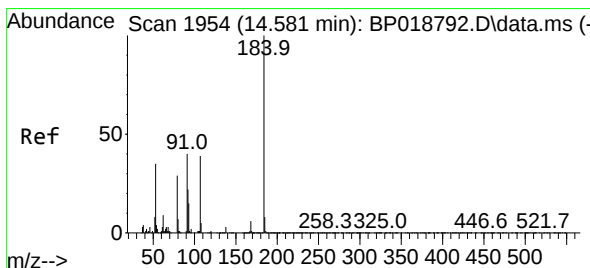
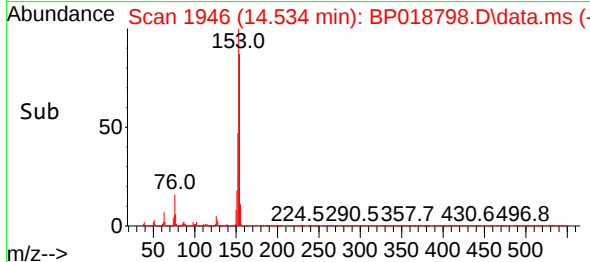
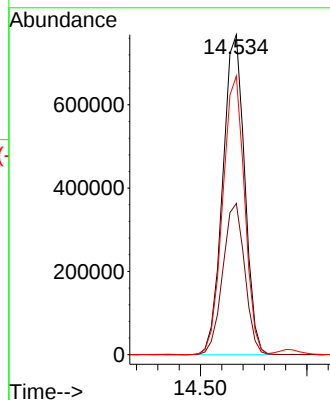
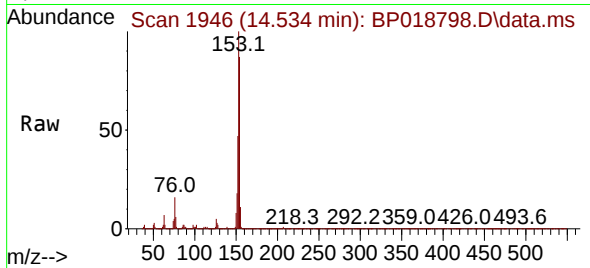




#52
Acenaphthene
Concen: 33.804 ng/ul
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

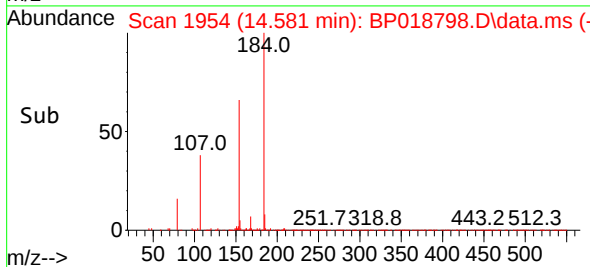
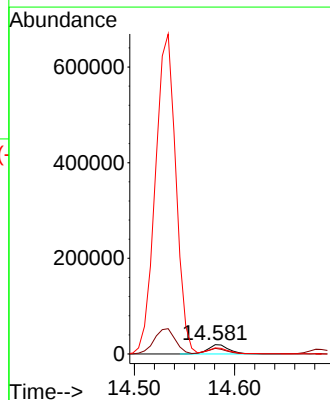
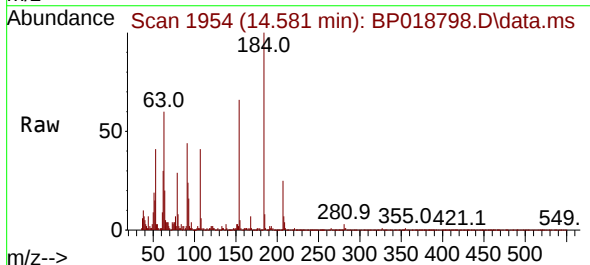
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

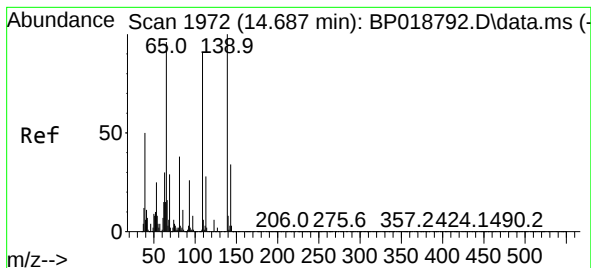
Tgt Ion:153 Resp: 1093172
Ion Ratio Lower Upper
153 100
152 47.2 38.1 57.1
154 87.1 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 7.314 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:184 Resp: 28481
Ion Ratio Lower Upper
184 100
63 60.1 48.2 72.4
154 66.3 49.1 73.7

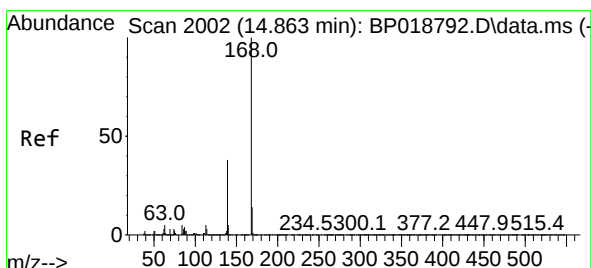
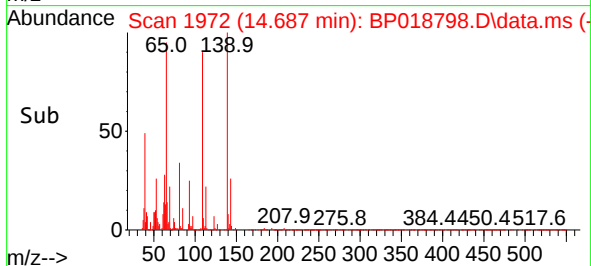
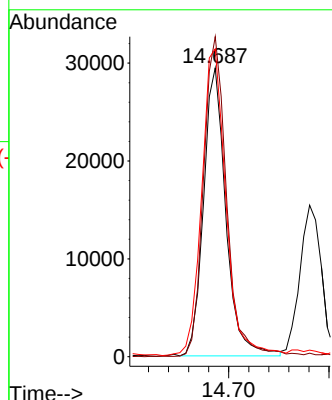
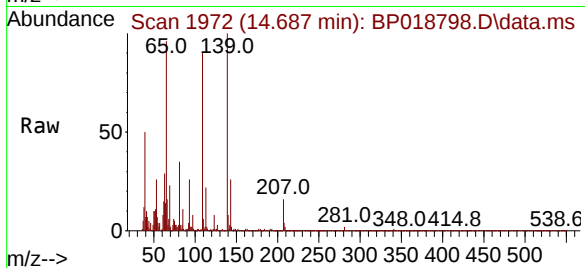




#55
4-Nitrophenol
Concen: 9.306 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

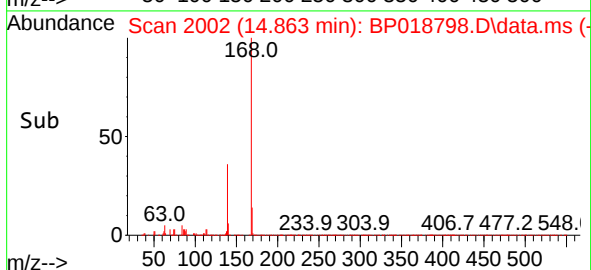
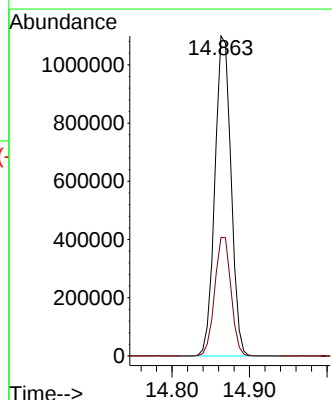
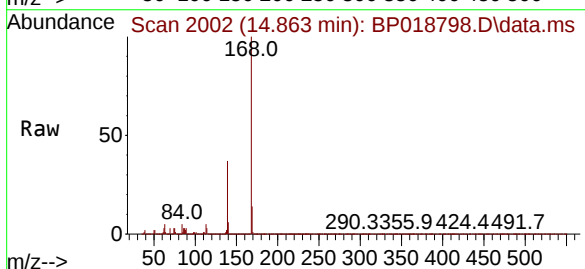
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

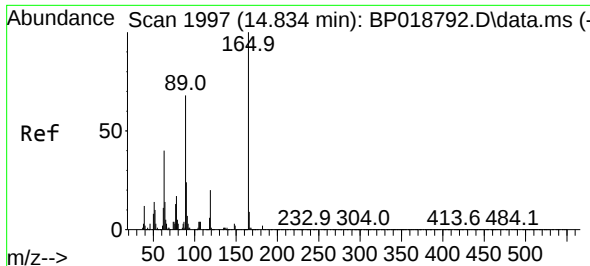
Tgt Ion:	109	Resp:	45595
Ion	Ratio	Lower	Upper
109	100		
139	110.8	109.0	163.4
65	106.6	106.2	159.4



#56
Dibenzofuran
Concen: 35.419 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:	168	Resp:	1591954
Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.1	43.7

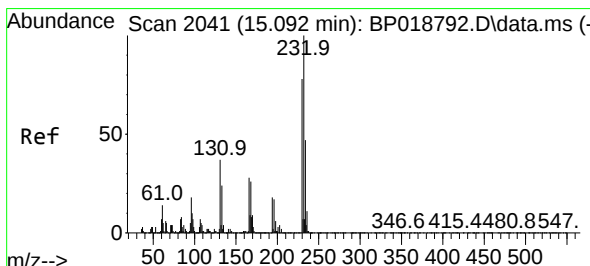
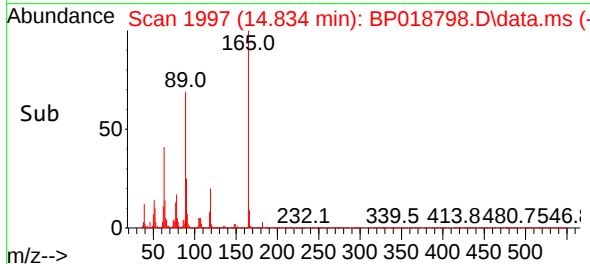
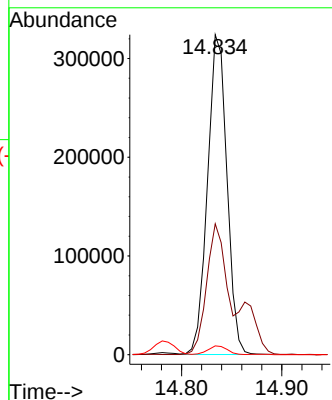
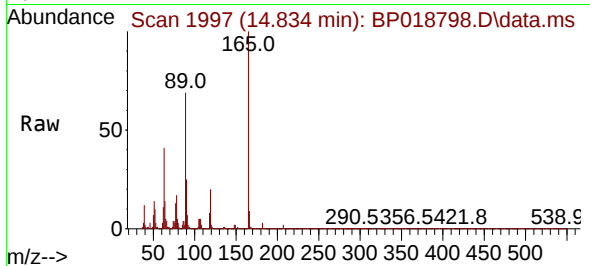




#57
2,4-Dinitrotoluene
Concen: 42.211 ng/ul
RT: 14.834 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

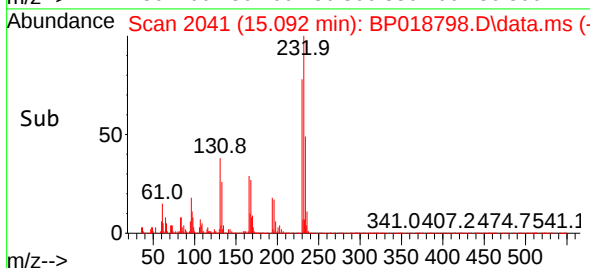
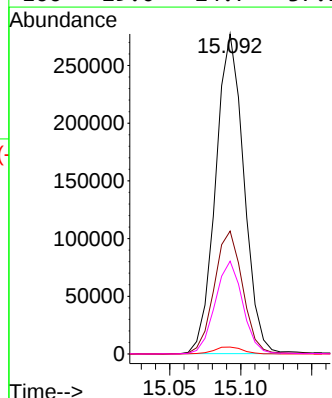
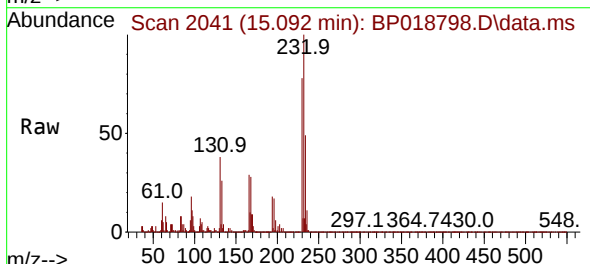
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

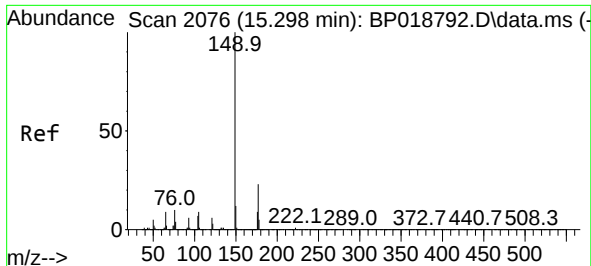
Tgt Ion:165 Resp: 436247
Ion Ratio Lower Upper
165 100
63 40.9 32.7 49.1
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.647 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:232 Resp: 381873
Ion Ratio Lower Upper
232 100
131 38.4 33.8 50.8
130 2.2 1.8 2.8
166 29.0 24.7 37.1

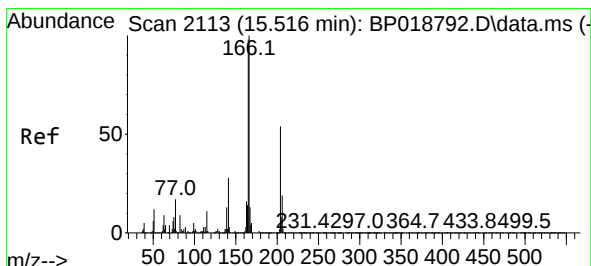
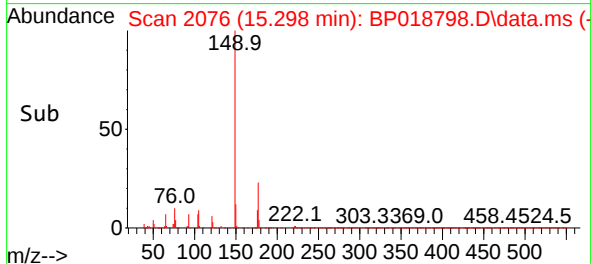
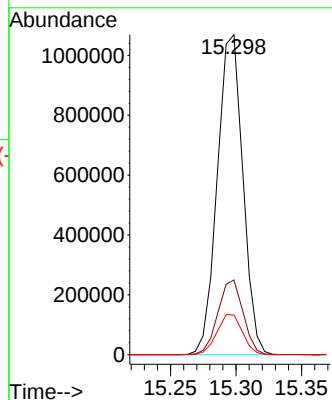
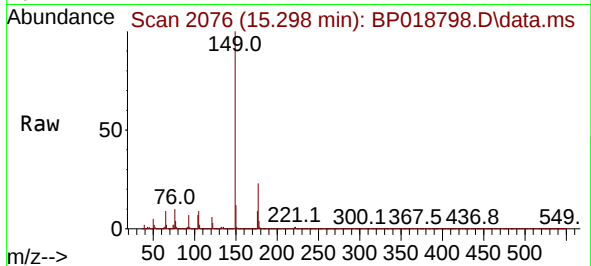




#59
Diethylphthalate
Concen: 38.112 ng/ul
RT: 15.298 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

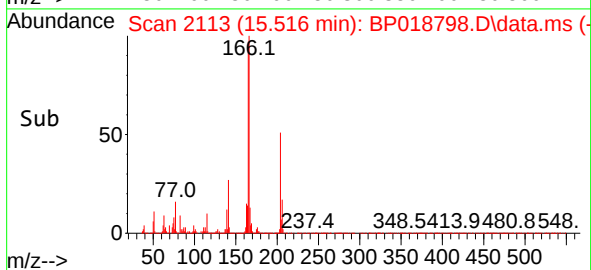
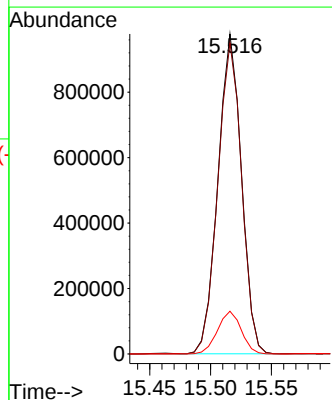
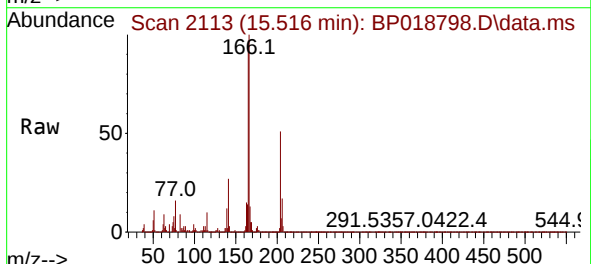
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

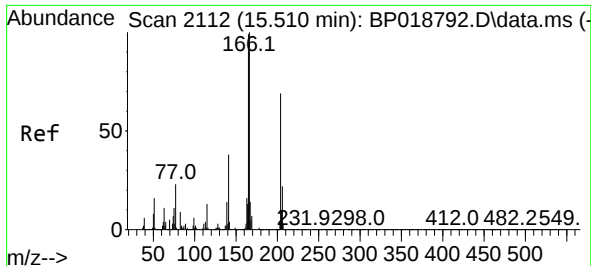
Tgt Ion:149 Resp: 1450330
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.4 9.9 14.9



#61
Fluorene
Concen: 36.990 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:166 Resp: 1315523
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.3 10.8 16.2

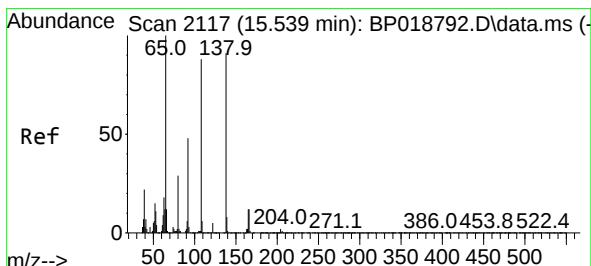
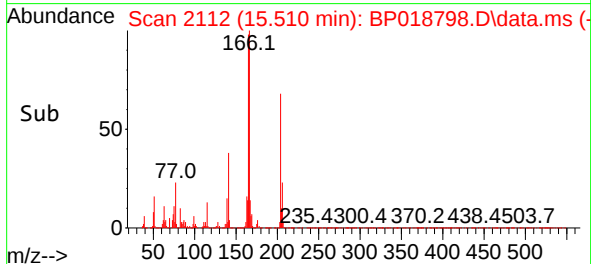
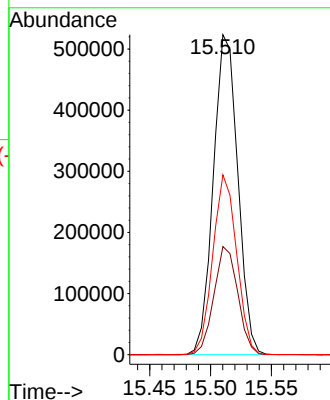
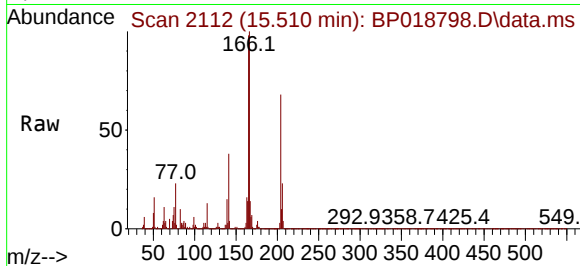




#62
4-Chlorophenyl-phenylether
Concen: 39.281 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

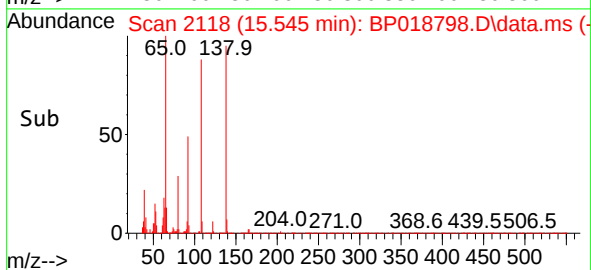
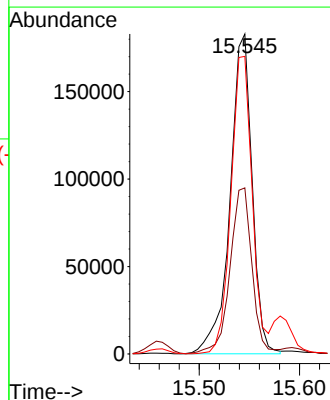
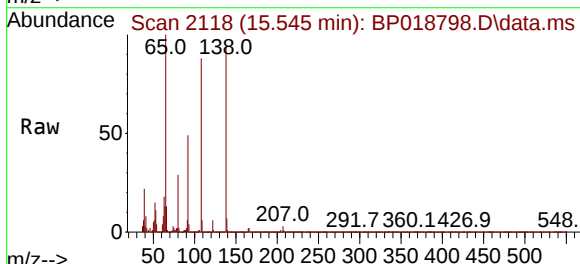
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

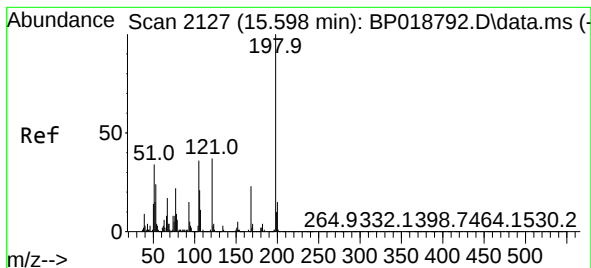
Tgt Ion:204 Resp: 732692
Ion Ratio Lower Upper
204 100
206 33.8 27.1 40.7
141 56.2 45.8 68.8



#63
4-Nitroaniline
Concen: 39.942 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:138 Resp: 279075
Ion Ratio Lower Upper
138 100
92 51.9 42.3 63.5
108 93.0 62.0 93.0#

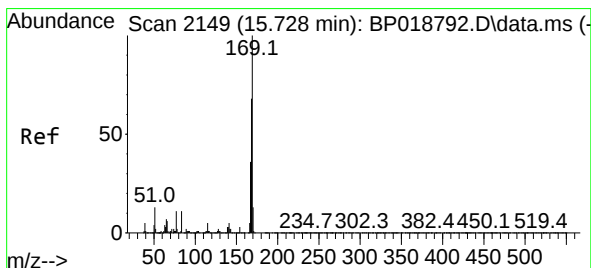
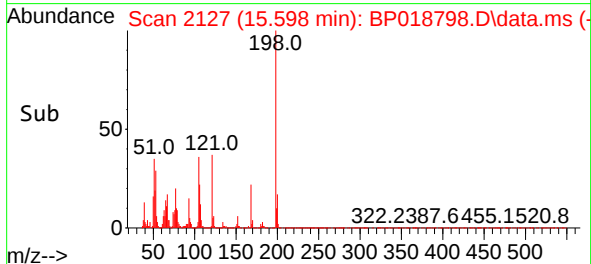
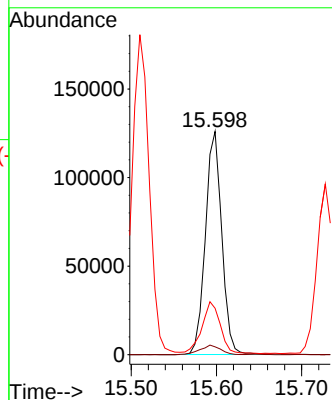
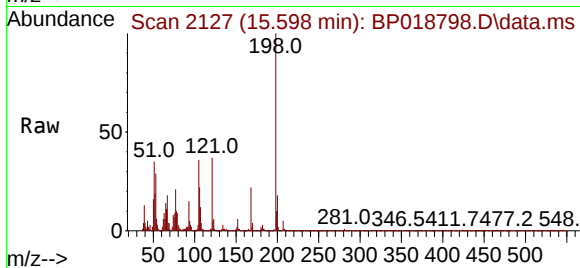




#66
4,6-Dinitro-2-methylphenol
Concen: 25.030 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

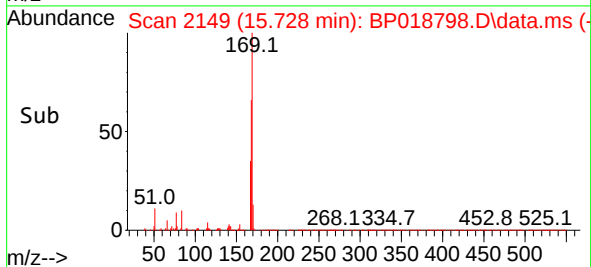
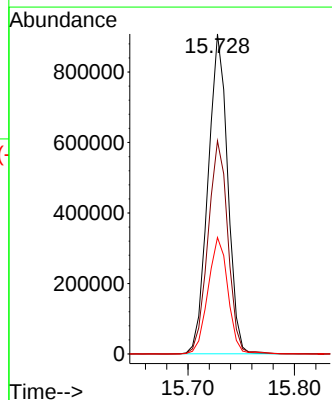
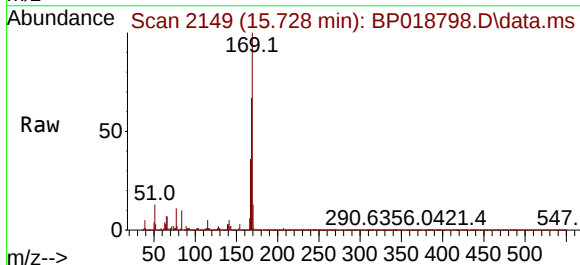
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

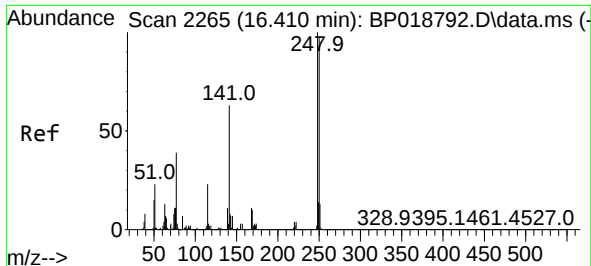
Tgt Ion:198 Resp: 168480
Ion Ratio Lower Upper
198 100
182 3.5 3.4 5.2
77 20.8 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 33.399 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:169 Resp: 1162072
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.4 29.1 43.7

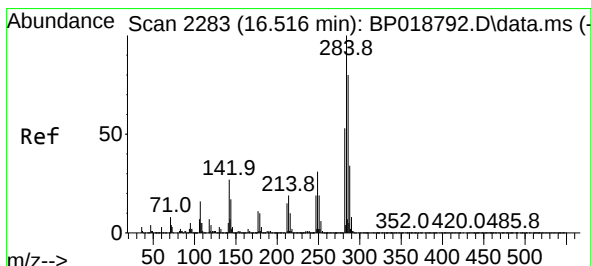
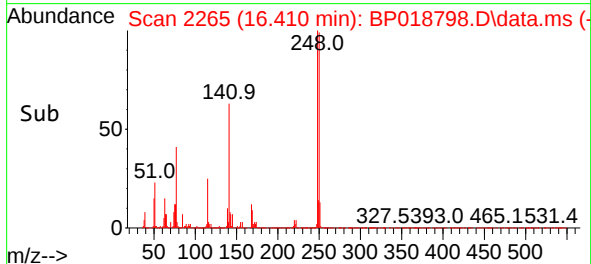
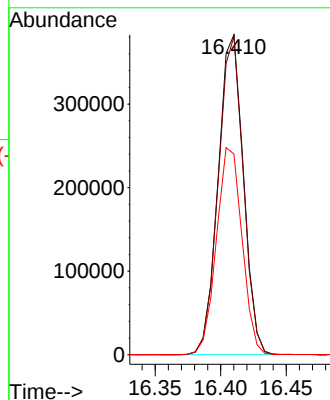
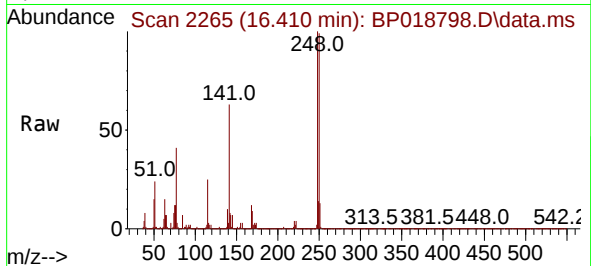




#68
4-Bromophenyl-phenylether
Concen: 38.741 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

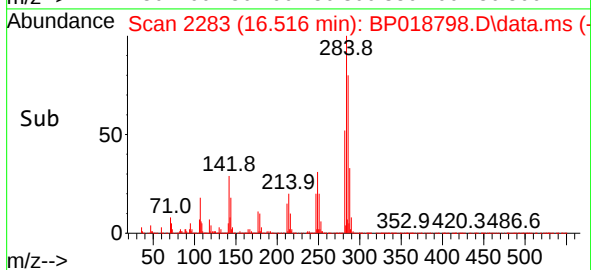
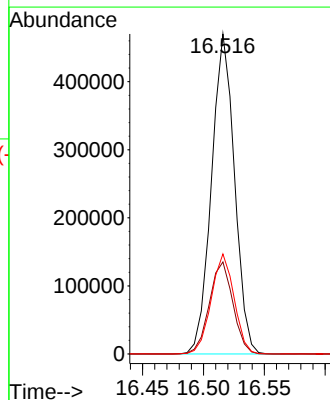
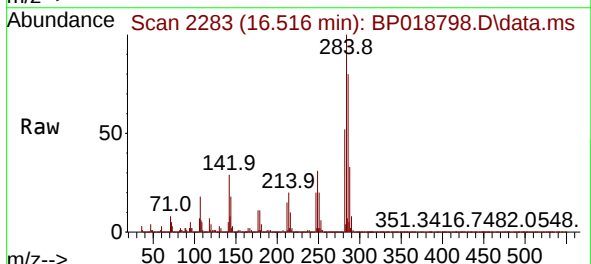
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

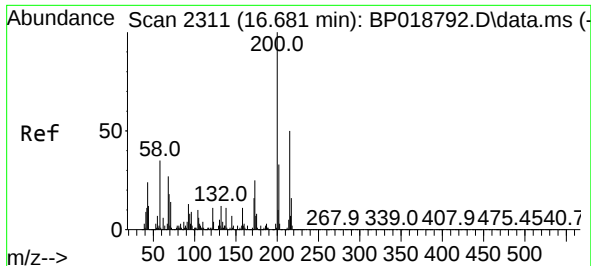
Tgt Ion:248 Resp: 513552
Ion Ratio Lower Upper
248 100
250 99.4 79.3 118.9
141 62.7 57.2 85.8



#69
Hexachlorobenzene
Concen: 41.763 ng/ul
RT: 16.516 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:284 Resp: 618098
Ion Ratio Lower Upper
284 100
142 28.8 25.8 38.6
249 31.2 24.9 37.3

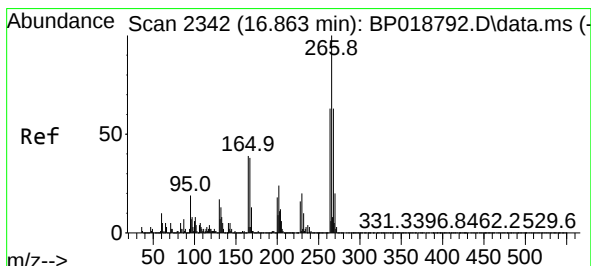
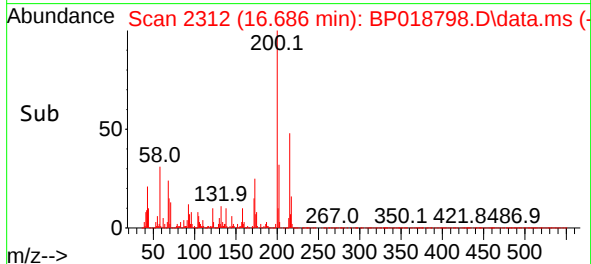
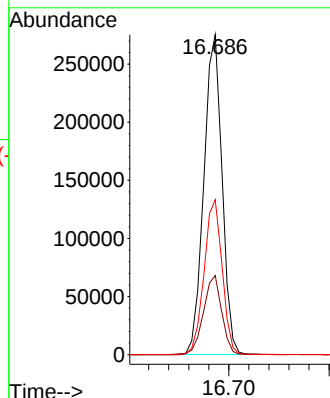
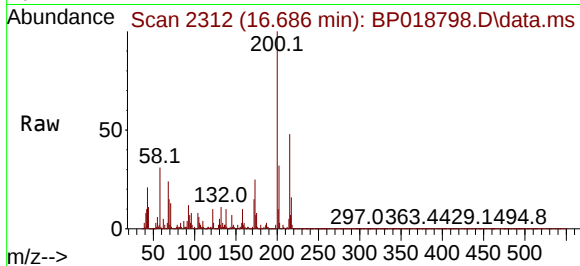




#70
Atrazine
Concen: 33.633 ng/ul
RT: 16.686 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

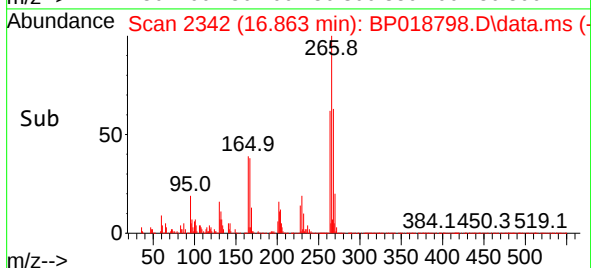
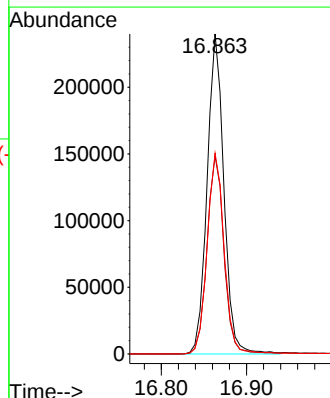
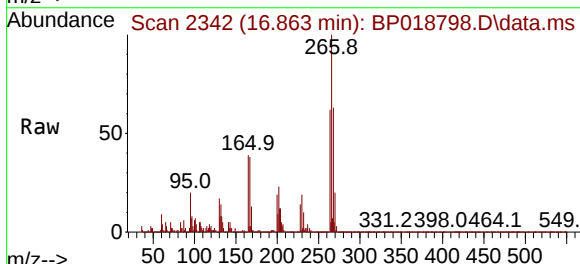
Instrument :
BNA_P
ClientSampleId :
BHEH8MS

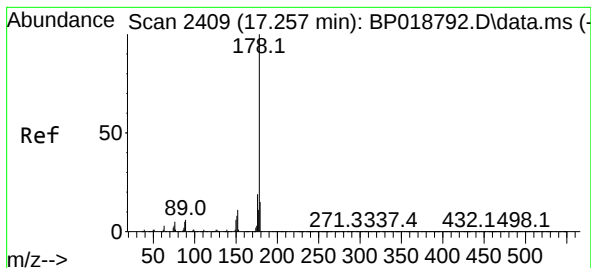
Tgt Ion:200 Resp: 347918
Ion Ratio Lower Upper
200 100
173 24.8 21.0 31.4
215 48.5 38.2 57.2



#71
Pentachlorophenol
Concen: 37.229 ng/ul
RT: 16.863 min Scan# 2342
Delta R.T. -0.006 min
Lab File: BP018798.D
Acq: 13 Dec 2023 09:15

Tgt Ion:266 Resp: 327695
Ion Ratio Lower Upper
266 100
264 61.8 50.2 75.2
268 62.8 50.5 75.7





#72

Phenanthrene

Concen: 36.653 ng/u1

RT: 17.257 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

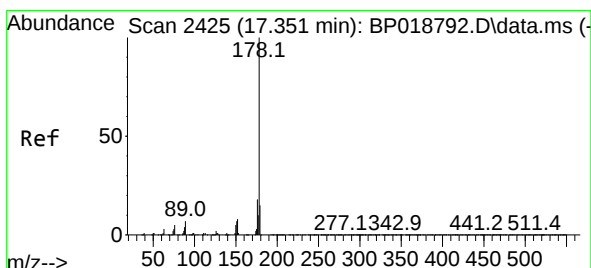
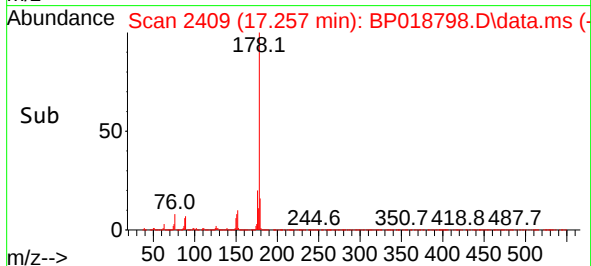
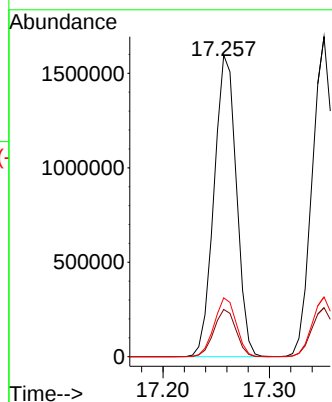
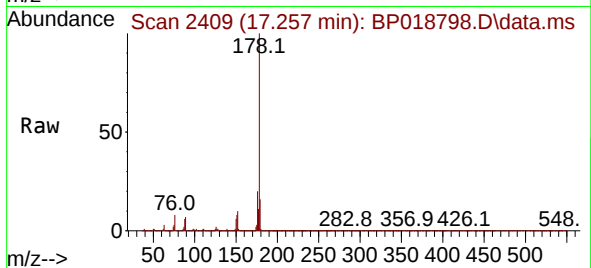
Tgt Ion:178 Resp: 2324404

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.5 15.4 23.2



#74

Anthracene

Concen: 36.876 ng/u1

RT: 17.351 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

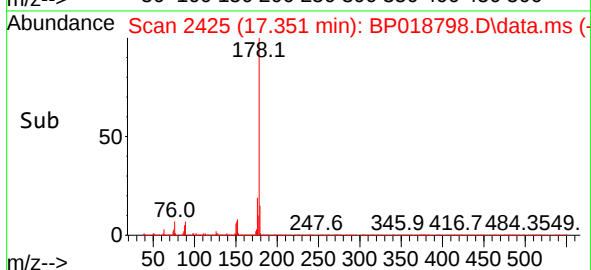
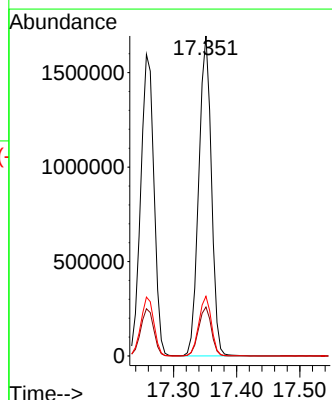
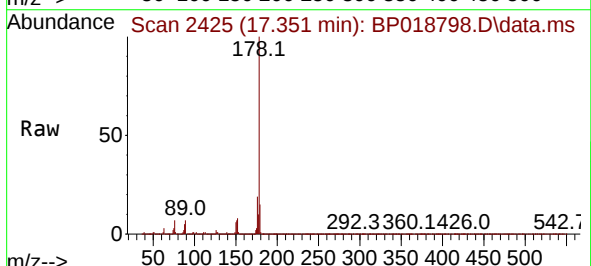
Tgt Ion:178 Resp: 2344061

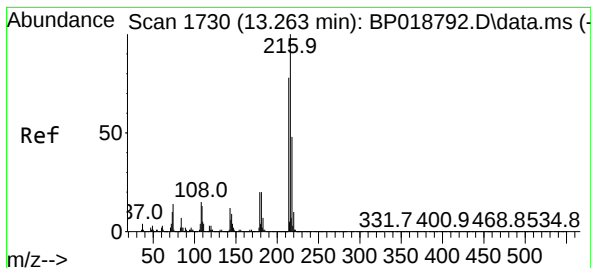
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 18.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.674 ng/uL

RT: 13.269 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

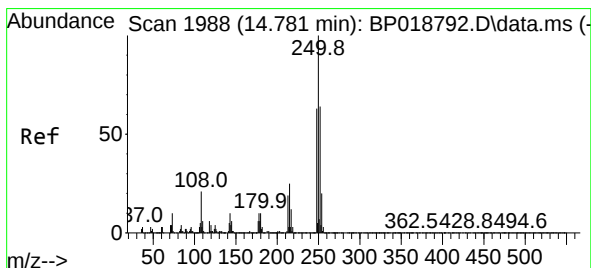
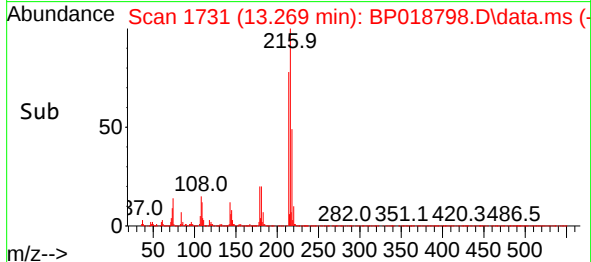
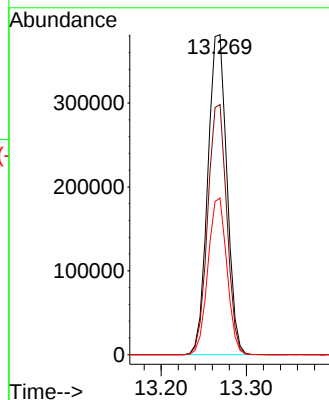
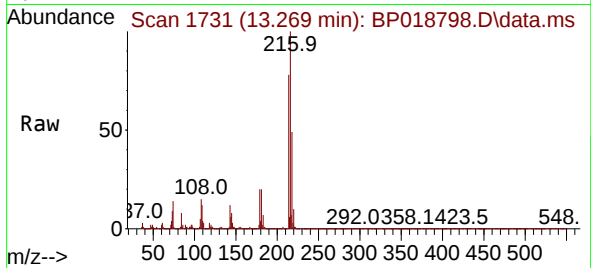
Tgt Ion:216 Resp: 593222

Ion Ratio Lower Upper

216 100

214 78.2 61.4 92.2

218 48.9 39.2 58.8



#76

Pentachlorobenzene

Concen: 36.936 ng/uL

RT: 14.781 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

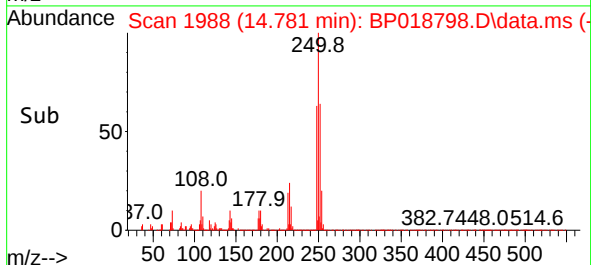
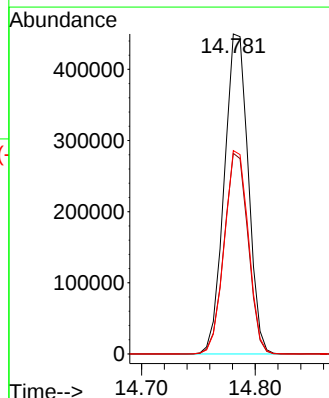
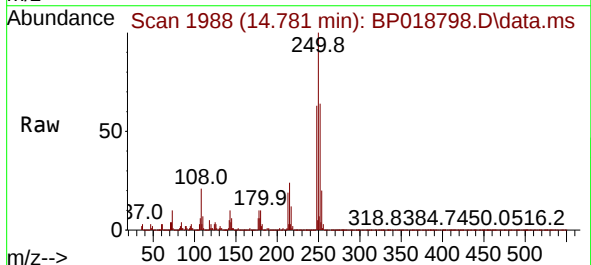
Tgt Ion:250 Resp: 658719

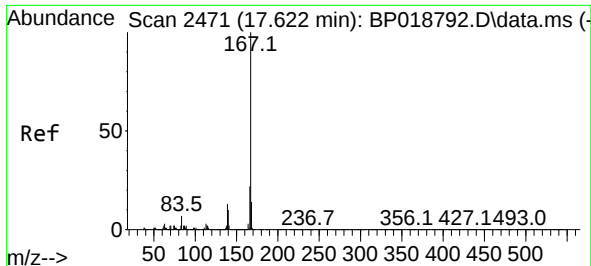
Ion Ratio Lower Upper

250 100

248 62.7 50.6 75.8

252 63.6 51.3 76.9

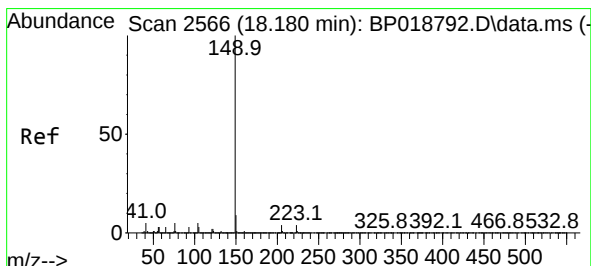
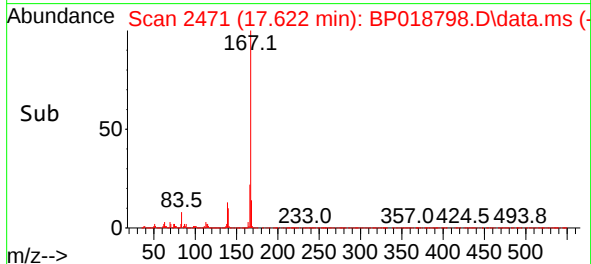
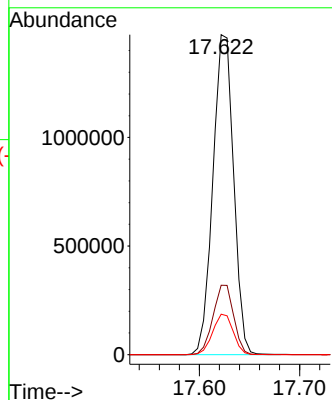
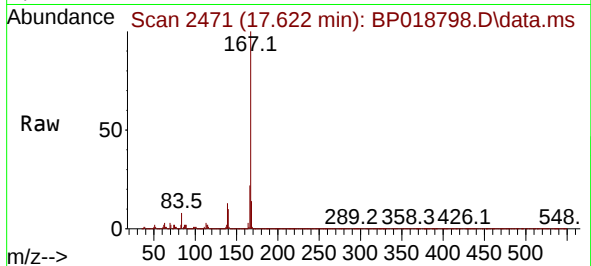




#77
 Carbazole
 Concen: 41.777 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.006 min
 Lab File: BP018798.D
 Acq: 13 Dec 2023 09:15

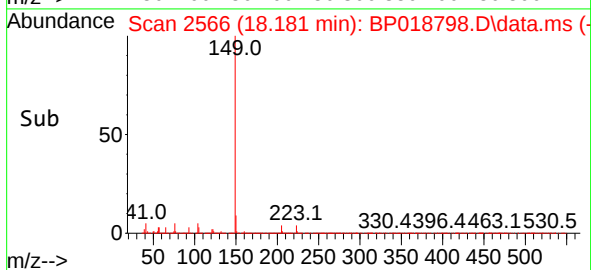
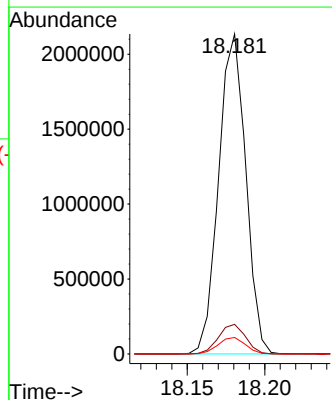
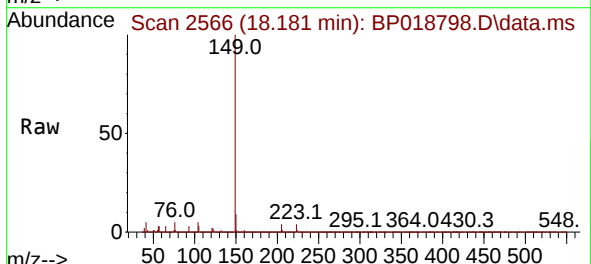
Instrument :
 BNA_P
 ClientSampleId :
 BHEH8MS

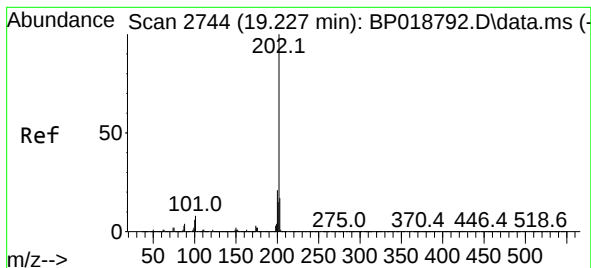
Tgt Ion:167 Resp: 2116502
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 12.6 10.2 15.4



#78
 Di-n-butylphthalate
 Concen: 38.510 ng/ul
 RT: 18.181 min Scan# 2566
 Delta R.T. -0.006 min
 Lab File: BP018798.D
 Acq: 13 Dec 2023 09:15

Tgt Ion:149 Resp: 2597820
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 3.9 5.9





#80

Fluoranthene

Concen: 29.950 ng/ul

RT: 19.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

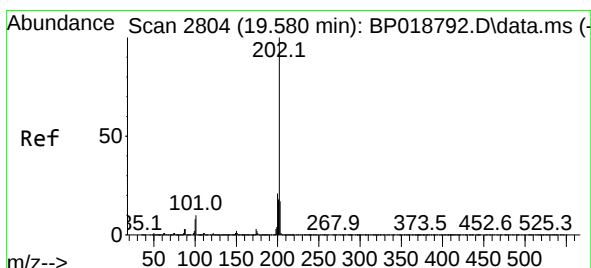
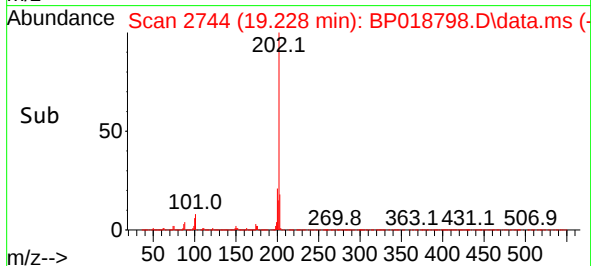
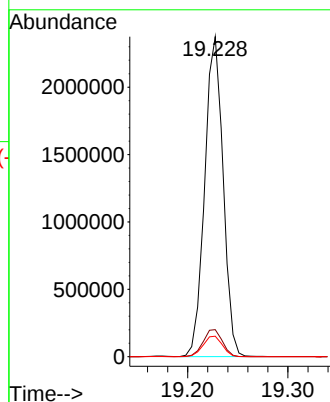
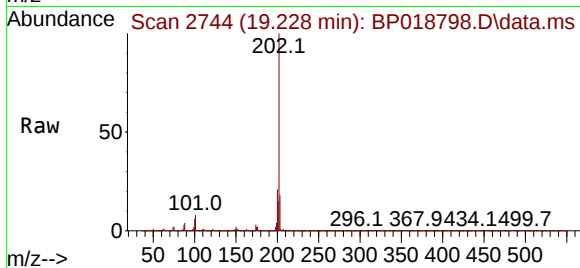
Tgt Ion:202 Resp: 3034738

Ion Ratio Lower Upper

202 100

101 8.5 9.1 13.7#

100 6.4 7.1 10.7#



#82

Pyrene

Concen: 30.087 ng/ul

RT: 19.580 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

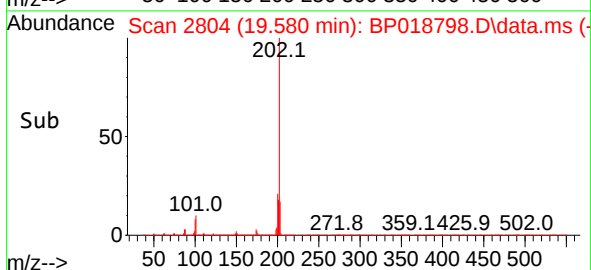
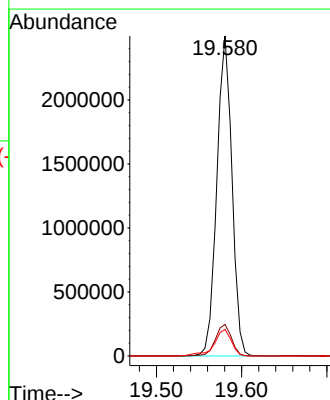
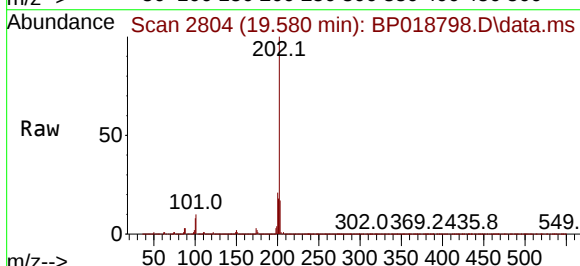
Tgt Ion:202 Resp: 3075465

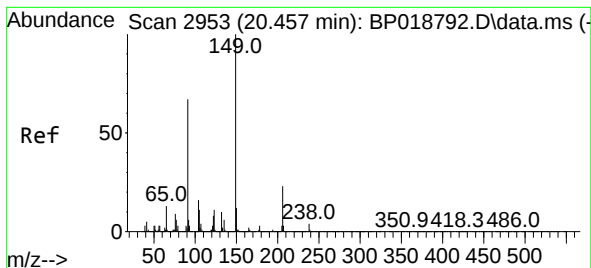
Ion Ratio Lower Upper

202 100

101 9.9 11.0 16.4#

100 8.3 9.1 13.7#





#83

Butylbenzylphthalate

Concen: 32.999 ng/ul

RT: 20.457 min Scan# 2953

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

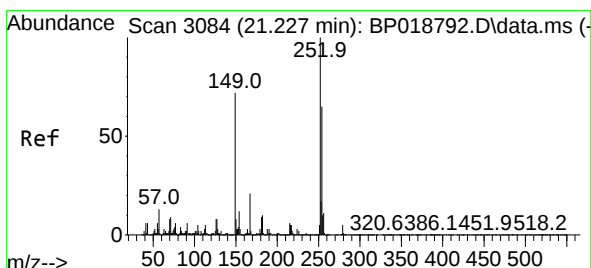
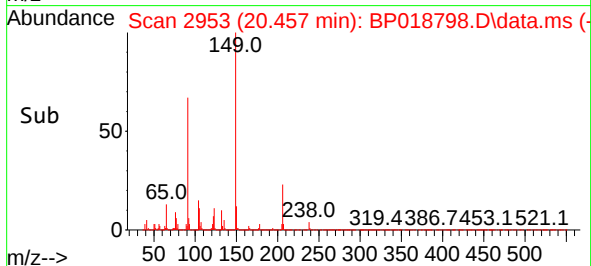
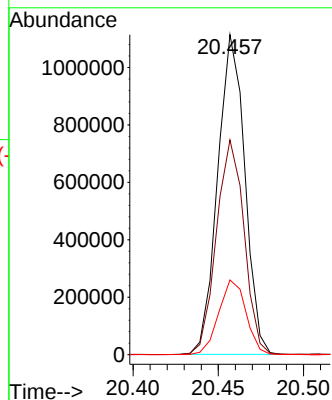
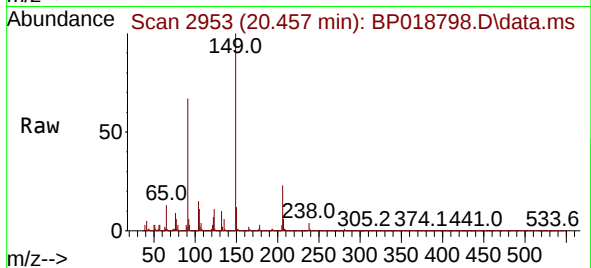
Tgt Ion:149 Resp: 1234877

Ion Ratio Lower Upper

149 100

91 67.1 56.6 85.0

206 23.4 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 38.982 ng/ul

RT: 21.227 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

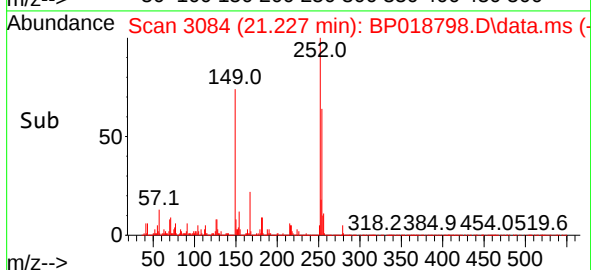
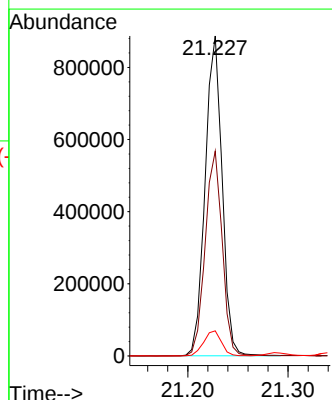
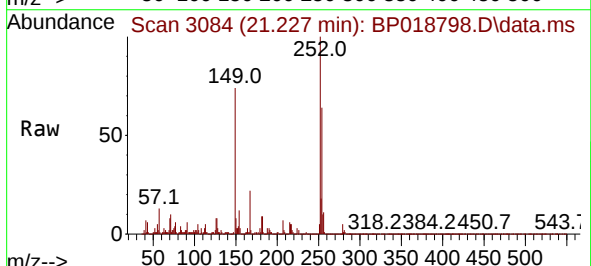
Tgt Ion:252 Resp: 1043187

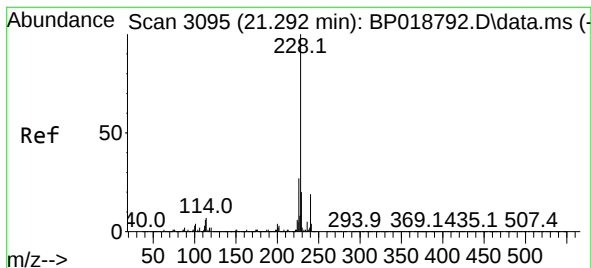
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 7.9 7.8 11.6





#85

Benzo(a)anthracene

Concen: 37.594 ng/ul

RT: 21.286 min Scan# 3094

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

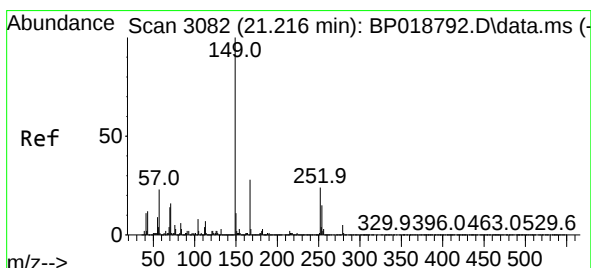
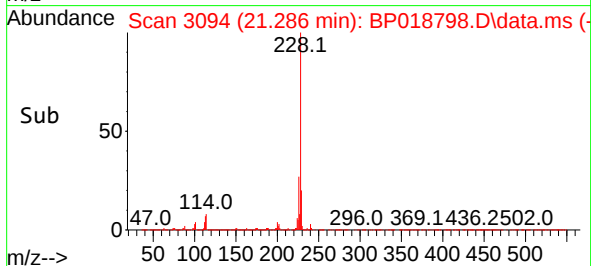
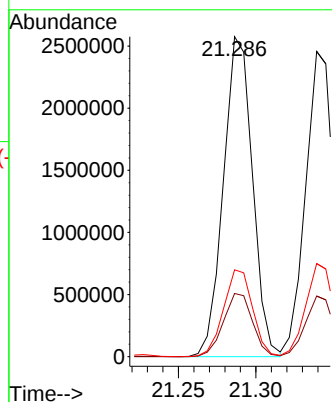
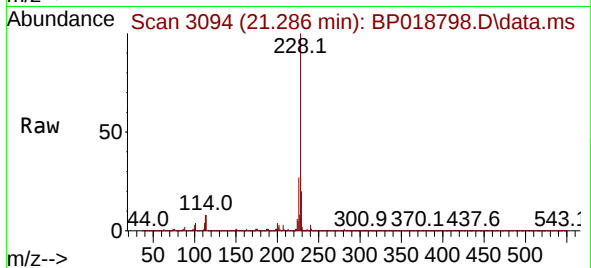
Tgt Ion:228 Resp: 3360323

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

226 27.2 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.859 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

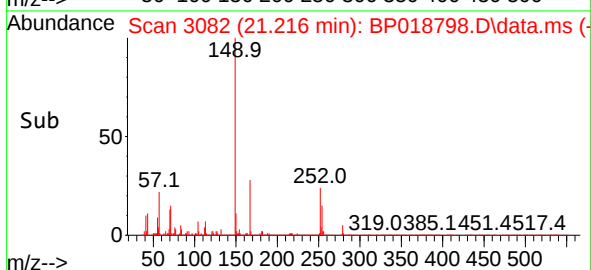
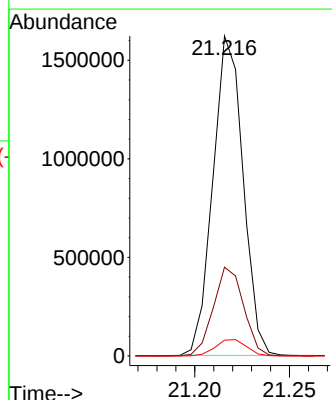
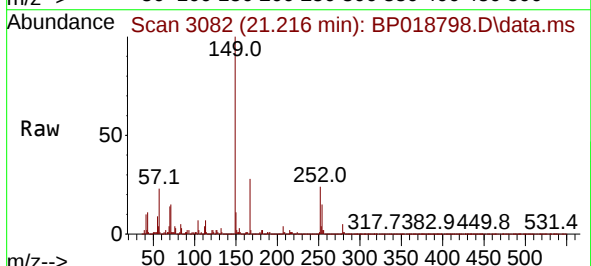
Tgt Ion:149 Resp: 1792988

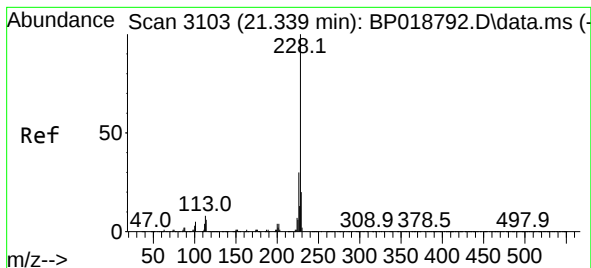
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 5.0 3.3 4.9#





#87

Chrysene

Concen: 37.448 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

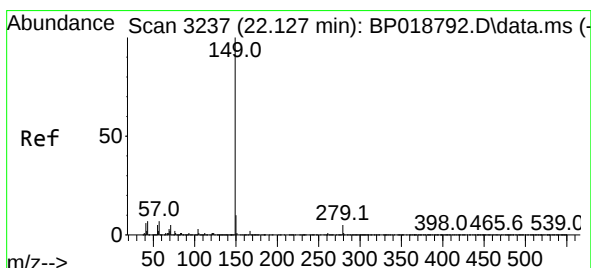
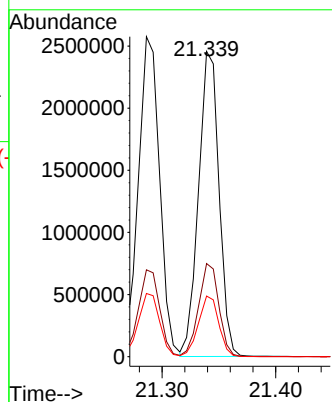
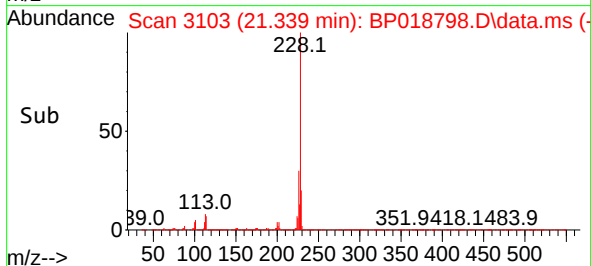
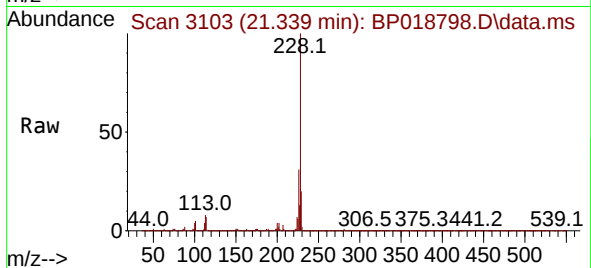
Tgt Ion:228 Resp: 3082439

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 19.9 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 33.588 ng/ul

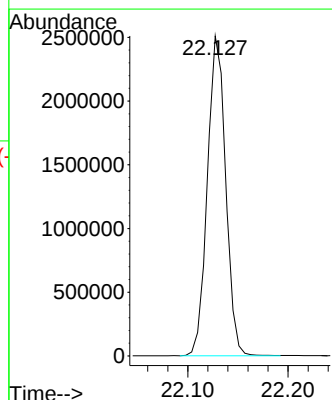
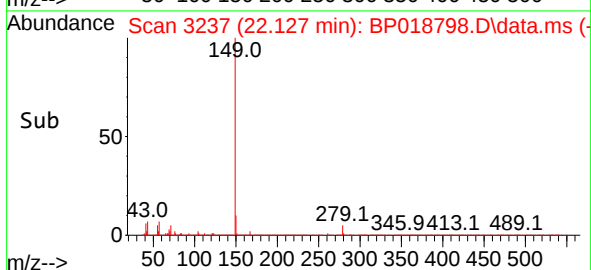
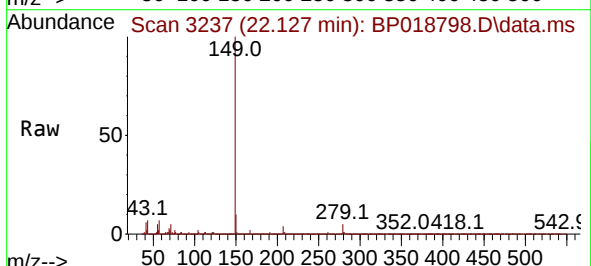
RT: 22.127 min Scan# 3237

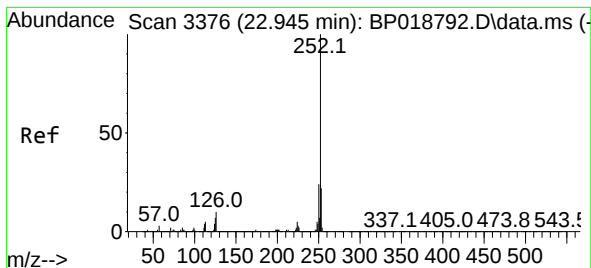
Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Tgt Ion:149 Resp: 3177049





#90

Benzo(b)fluoranthene

Concen: 36.493 ng/ul

RT: 22.945 min Scan# 3376

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

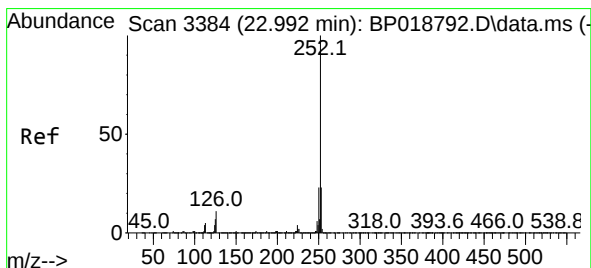
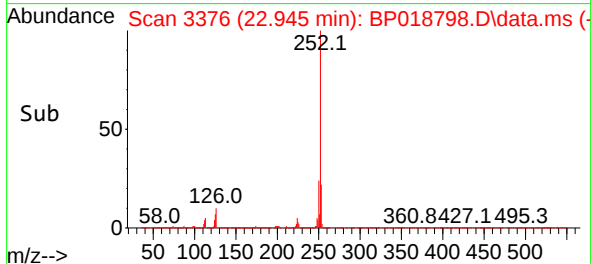
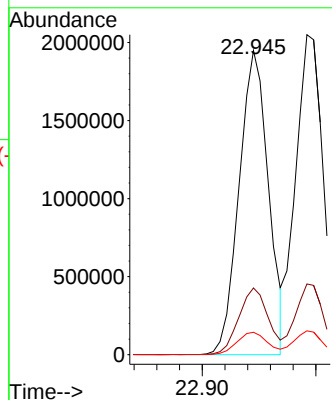
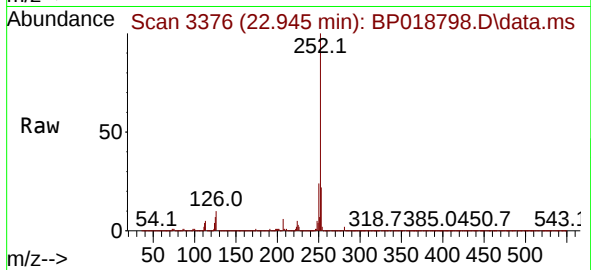
Tgt Ion:252 Resp: 3485753

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 7.4 7.8 11.6#



#91

Benzo(k)fluoranthene

Concen: 37.138 ng/ul

RT: 22.992 min Scan# 3384

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

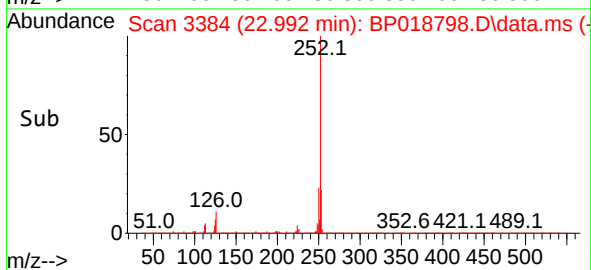
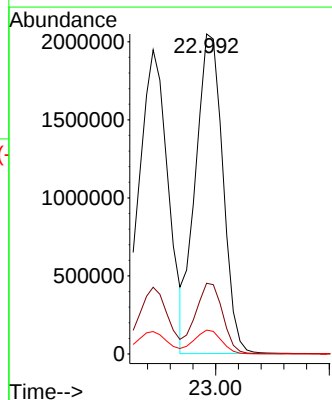
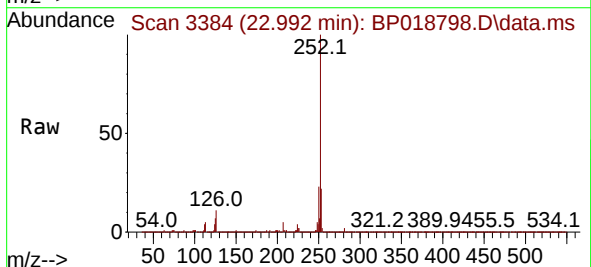
Tgt Ion:252 Resp: 3432314

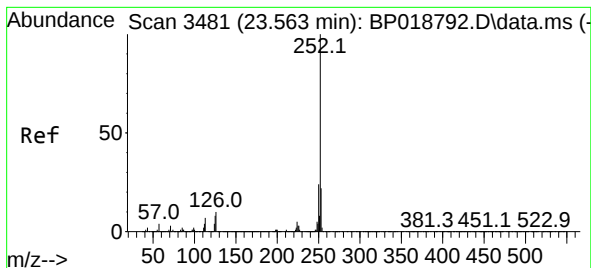
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.5 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 37.181 ng/ul

RT: 23.563 min Scan# 3481

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

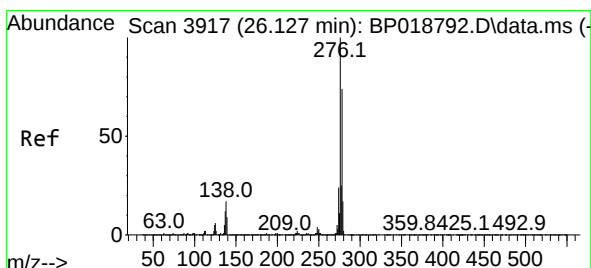
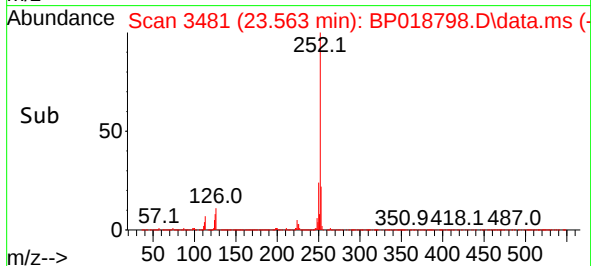
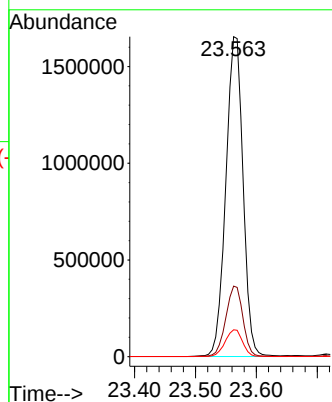
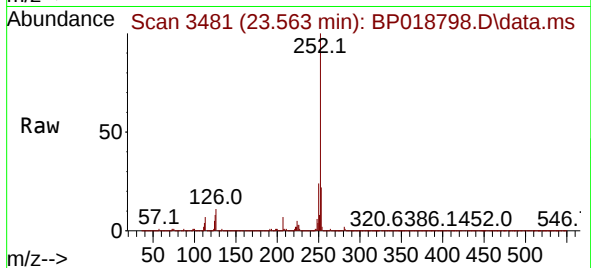
Tgt Ion:252 Resp: 3245148

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 8.4 9.2 13.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.815 ng/ul

RT: 26.127 min Scan# 3917

Delta R.T. -0.012 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

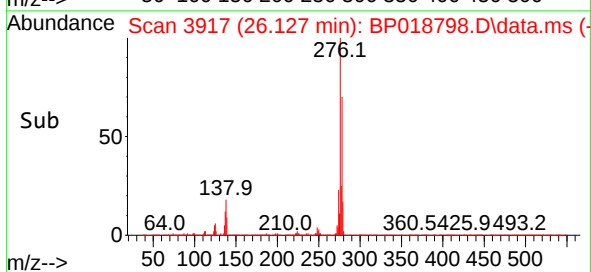
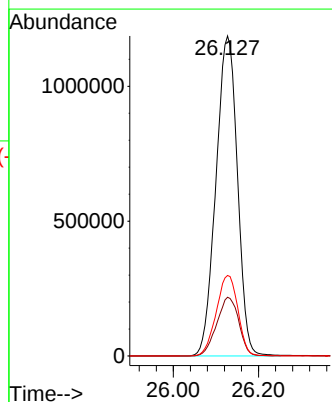
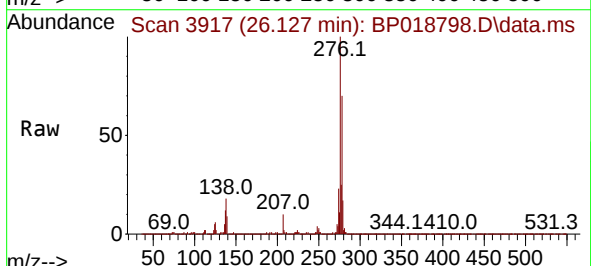
Tgt Ion:276 Resp: 4151913

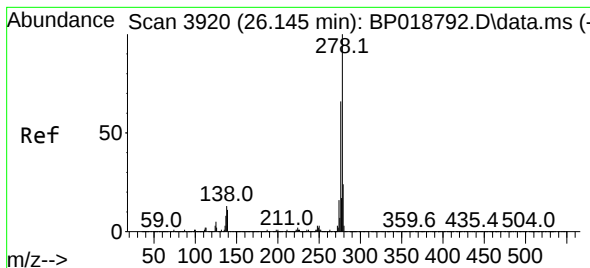
Ion Ratio Lower Upper

276 100

138 18.3 19.4 29.2#

277 25.2 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 39.710 ng/ul

RT: 26.145 min Scan# 3920

Delta R.T. -0.018 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Instrument :

BNA_P

ClientSampleId :

BHEH8MS

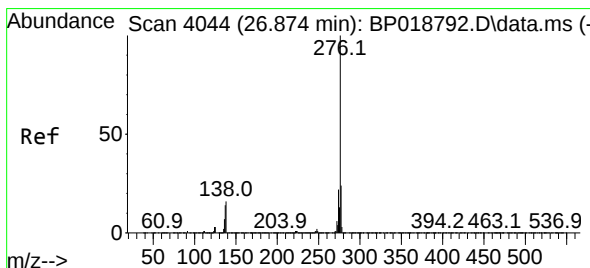
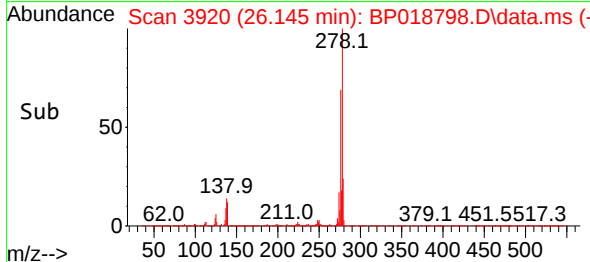
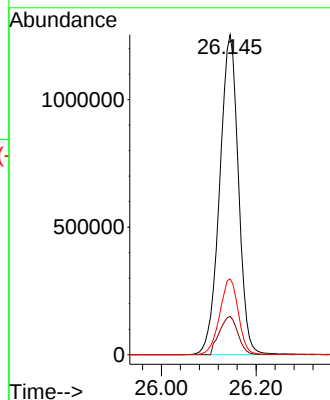
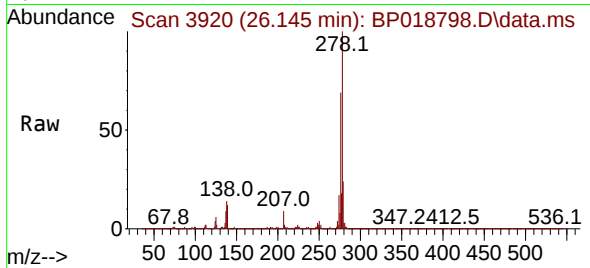
Tgt Ion:278 Resp: 3444727

Ion Ratio Lower Upper

278 100

139 12.0 13.0 19.6#

279 23.6 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 39.380 ng/ul

RT: 26.880 min Scan# 4045

Delta R.T. -0.023 min

Lab File: BP018798.D

Acq: 13 Dec 2023 09:15

Tgt Ion:276 Resp: 3304846

Ion Ratio Lower Upper

276 100

138 17.0 18.1 27.1#

277 24.0 19.4 29.0

