

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018214.D
 Acq On : 17 Nov 2023 09:15
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 17 21:42:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	58645	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	233600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	154176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	346583	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	339670	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	369451	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	13045	7.847	ng/uL	0.00
4) Pyridine-d5	3.593	84	71562	16.509	ng/ul	0.00
7) Phenol-d5	6.952	99	86798	15.331	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	56626	17.019	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	73974	16.499	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	78582	16.938	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	37716	17.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	43022	18.044	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	75216	17.700	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	273	0.047	ng/ul	0.14
46) Dimethylphthalate-d6	13.887	166	259598	18.249	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	279101	18.013	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	21349	10.043	ng/ul	0.00
60) Fluorene-d10	15.463	176	220431	18.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	40505	16.166	ng/ul	0.00
73) Anthracene-d10	17.345	188	352140	18.786	ng/ul	0.00
81) Pyrene-d10	19.604	212	423037	18.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	403698	18.792	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	14621	8.060	ng/uL	94
5) Pyridine	3.611	79	73312	16.388	ng/ul	94
6) Benzaldehyde	6.958	77	57901	18.989	ng/ul	98
8) Phenol	6.981	94	85850	15.371	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	69881	16.127	ng/ul	97
12) 2-Chlorophenol	7.334	128	74462	16.541	ng/ul	97
13) 2-Methylphenol	8.240	108	72025	17.067	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.293	45	53805	10.875	ng/ul	99
16) Acetophenone	8.640	105	128345	17.404	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	67966	16.881	ng/ul	96
18) 4-Methylphenol	8.575	108	71390	15.512	ng/ul	95
19) Hexachloroethane	8.828	117	40813	18.949	ng/ul	93
22) Nitrobenzene	9.034	77	109396	19.250	ng/ul	96
23) Isophorone	9.534	82	184368	17.780	ng/ul	99
25) 2-Nitrophenol	9.734	139	44970	18.354	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	92555	17.758	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	106931	18.910	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	74050	18.248	ng/ul	97
30) Naphthalene	10.646	128	265229	18.670	ng/ul	99
32) 4-Chloroaniline	10.810	127	97046	17.385	ng/ul	97
33) Hexachlorobutadiene	10.863	225	60065	20.162	ng/ul	99
34) Caprolactam	11.640	113	20049	14.872	ng/ul	91
35) 4-Chloro-3-methylphenol	11.922	107	85417	17.496	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	182832	18.746	ng/ul	98

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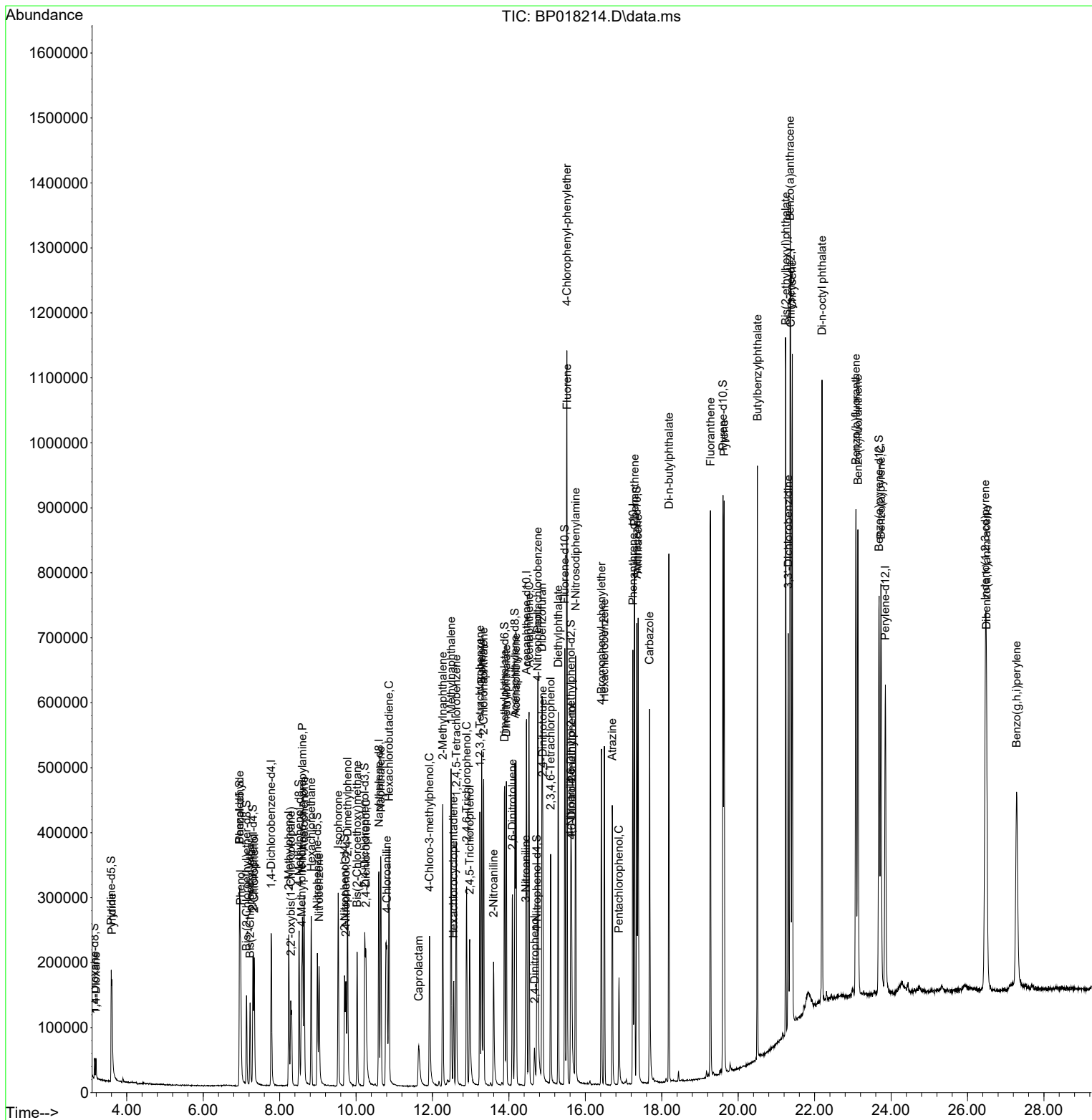
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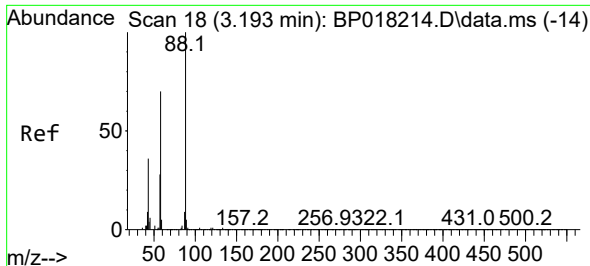
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	184267	18.386	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.622	216	99576	19.118	ng/ul	97
40) Hexachlorocyclopentadiene	12.551	237	37103	14.758	ng/ul	94
41) 2,4,6-Trichlorophenol	12.893	196	61051	17.869	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	62827	17.472	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	245489	18.725	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	192786	18.522	ng/ul	97
45) 2-Nitroaniline	13.598	65	59675	17.767	ng/ul	98
47) Dimethylphthalate	13.934	163	263012	18.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	49397	17.810	ng/ul	94
50) Acenaphthylene	14.187	152	317496	18.150	ng/ul	100
51) 3-Nitroaniline	14.439	138	44301	17.213	ng/ul#	86
52) Acenaphthene	14.528	153	214964	18.532	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	13911	9.194	ng/ul	94
55) 4-Nitrophenol	14.751	109	45157	16.004	ng/ul#	72
56) Dibenzofuran	14.869	168	297159	18.694	ng/ul	95
57) 2,4-Dinitrotoluene	14.887	165	75970	18.333	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	53156	16.618	ng/ul#	93
59) Diethylphthalate	15.292	149	283463	19.443	ng/ul	99
61) Fluorene	15.522	166	254935	18.890	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	126718	19.161	ng/ul	99
63) 4-Nitroaniline	15.616	138	42744	17.599	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.639	198	41335	15.899	ng/ul	92
67) N-Nitrosodiphenylamine	15.745	169	212186	19.090	ng/ul	96
68) 4-Bromophenyl-phenylether	16.422	248	75391	19.300	ng/ul	93
69) Hexachlorobenzene	16.498	284	84284	19.337	ng/ul	98
70) Atrazine	16.704	200	74158	19.126	ng/ul	97
71) Pentachlorophenol	16.881	266	25899	9.789	ng/ul	99
72) Phenanthrene	17.286	178	411357	19.331	ng/ul	99
74) Anthracene	17.380	178	419833	19.333	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	97927	18.503	ng/ul	99
76) Pentachlorobenzene	14.757	250	98111	18.936	ng/ul	97
77) Carbazole	17.680	167	367842	19.506	ng/ul	100
78) Di-n-butylphthalate	18.186	149	493842	20.639	ng/ul	98
80) Fluoranthene	19.275	202	491967	18.567	ng/ul	99
82) Pyrene	19.633	202	516814	18.613	ng/ul	99
83) Butylbenzylphthalate	20.504	149	231789	19.850	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.310	252	157333	19.387	ng/ul	97
85) Benzo(a)anthracene	21.357	228	523012	19.069	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.245	149	335422	20.835	ng/ul	99
87) Chrysene	21.416	228	488317	19.030	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	596550	21.591	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	493378	18.765	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	501903	18.973	ng/ul	99
93) Benzo(a)pyrene	23.733	252	466305	18.780	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.468	276	544064	18.269	ng/ul	98
95) Dibenzo(a,h)anthracene	26.498	278	452481	18.453	ng/ul	98
96) Benzo(g,h,i)perylene	27.286	276	434151	18.227	ng/ul	93

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

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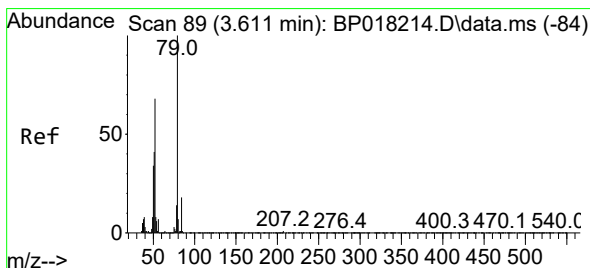
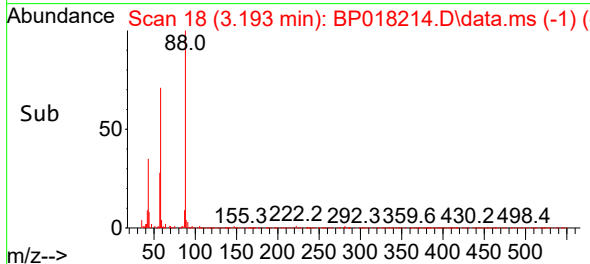
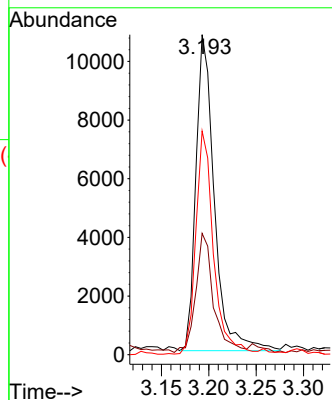
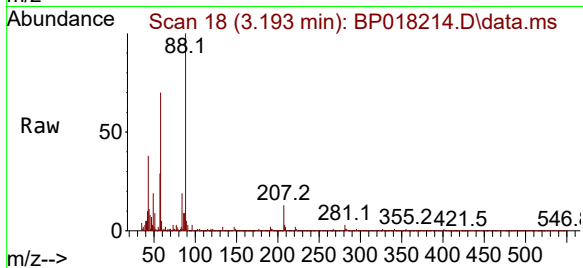




#2
1,4-Dioxane
Concen: 8.060 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018214.D
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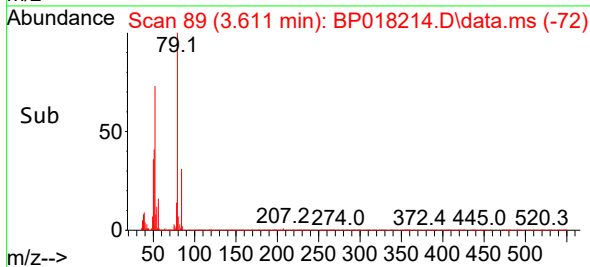
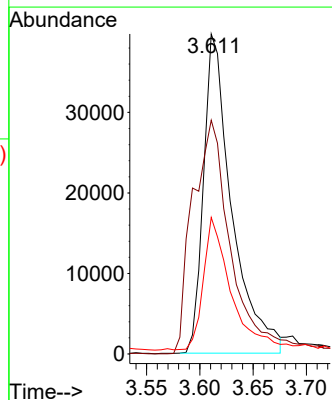
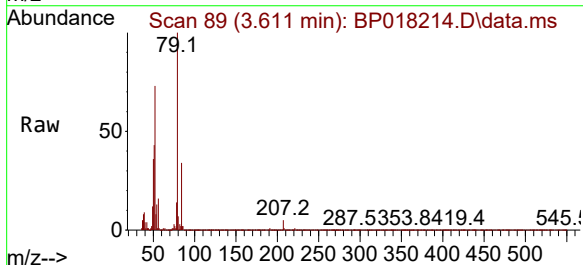
Instrument :
BNA_P
ClientSampleId :

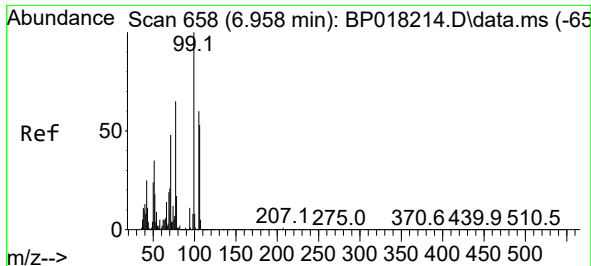
Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.9	25.4	38.2
58	69.9	53.3	79.9



#5
Pyridine
Concen: 16.388 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.1	53.9	80.9
51	42.7	32.2	48.2

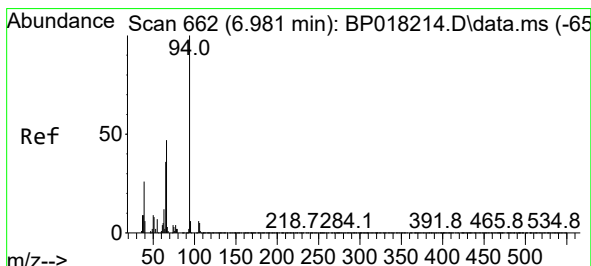
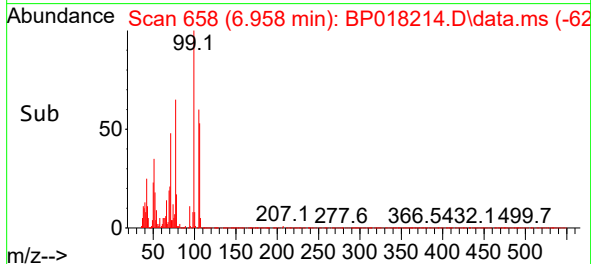
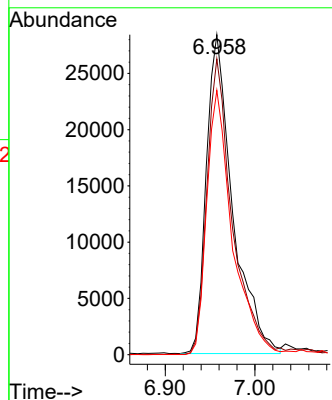
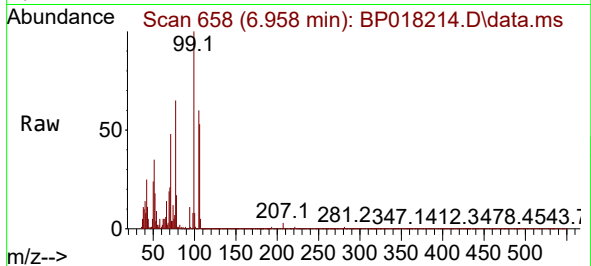




#6
Benzaldehyde
Concen: 18.989 ng/ul
RT: 6.958 min Scan# 658
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

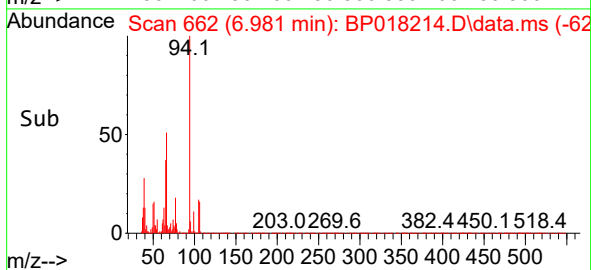
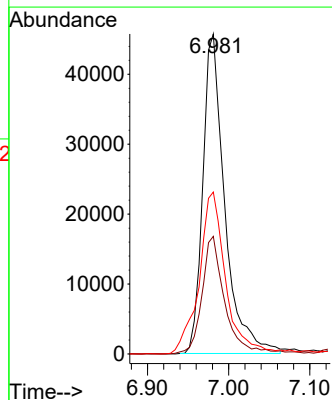
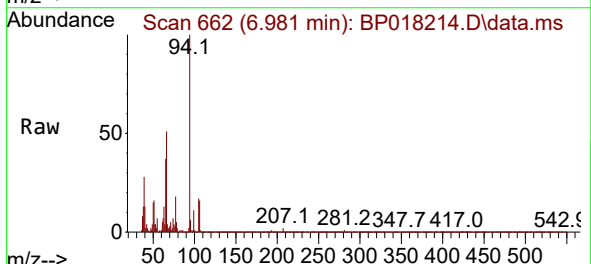
Instrument :
BNA_P
ClientSampleId :

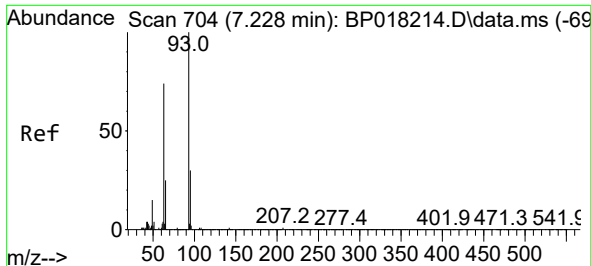
Tgt Ion: 77 Resp: 57901
Ion Ratio Lower Upper
77 100
105 92.4 72.7 109.1
106 82.6 67.5 101.3



#8
Phenol
Concen: 15.371 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. -0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 94 Resp: 85850
Ion Ratio Lower Upper
94 100
65 36.8 28.2 42.2
66 50.6 40.3 60.5

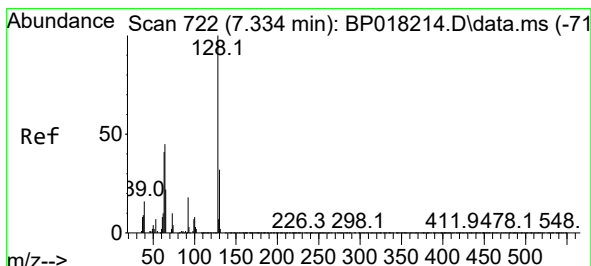
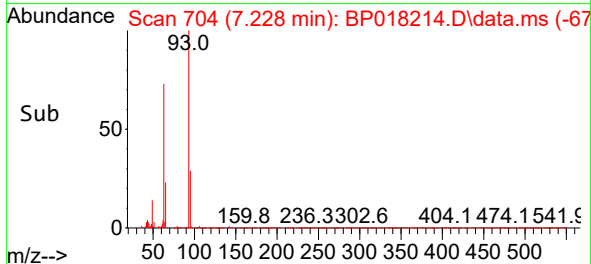
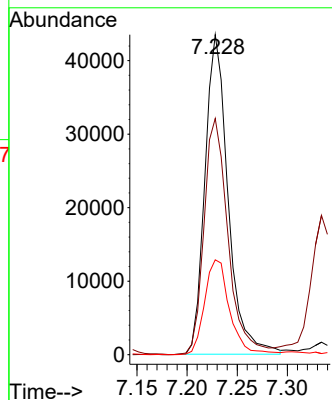
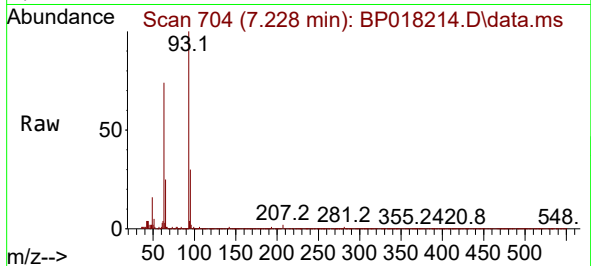




#10
Bis(2-Chloroethyl)ether
Concen: 16.127 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

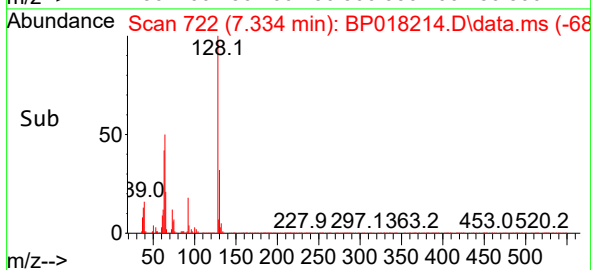
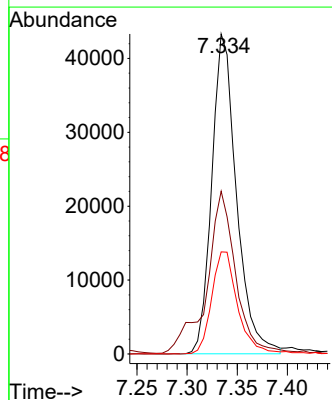
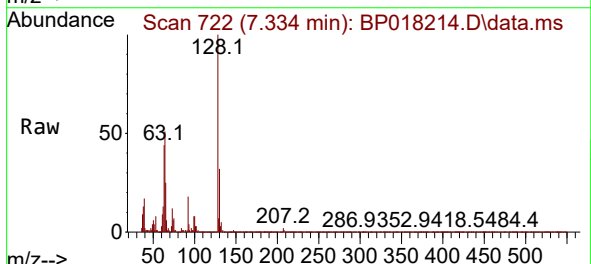
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BNA_P
ClientSampleId :

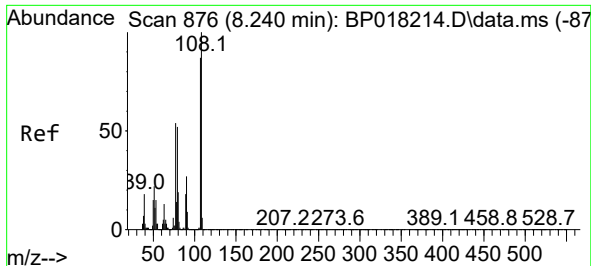
Tgt Ion: 93 Resp: 69881
Ion Ratio Lower Upper
93 100
63 73.8 57.8 86.6
95 29.6 25.5 38.3



#12
2-Chlorophenol
Concen: 16.541 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 128 Resp: 74462
Ion Ratio Lower Upper
128 100
64 50.8 39.2 58.8
130 31.9 26.6 40.0





#13

2-Methylphenol

Concen: 17.067 ng/ul

RT: 8.240 min Scan# 876

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

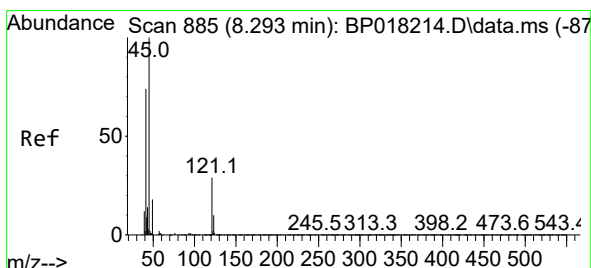
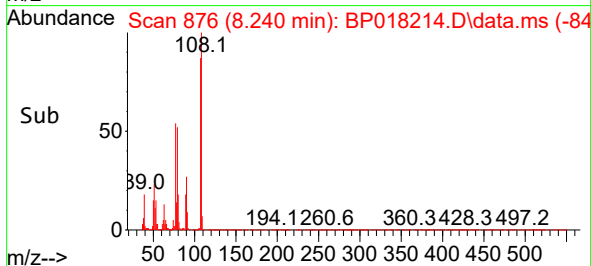
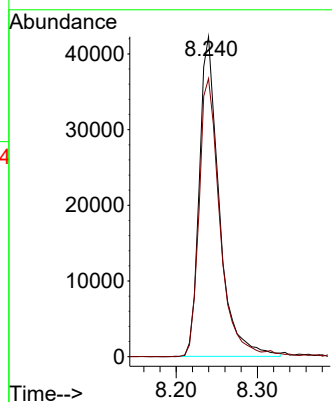
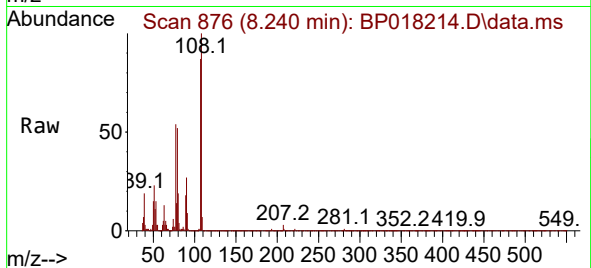
ClientSampleId :

Tgt Ion:108 Resp: 72025

Ion Ratio Lower Upper

108 100

107 86.9 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 10.875 ng/ul

RT: 8.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

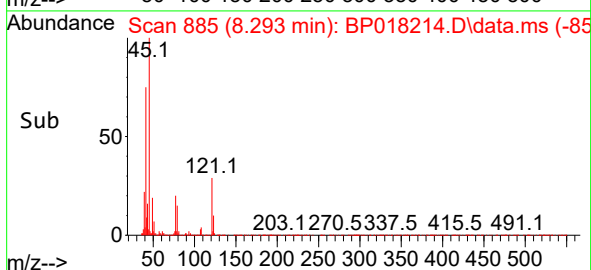
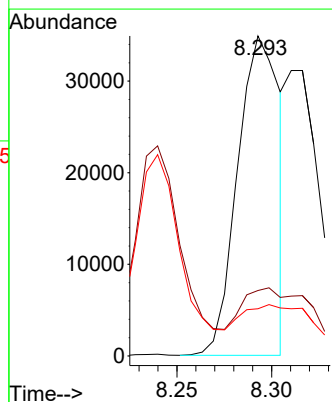
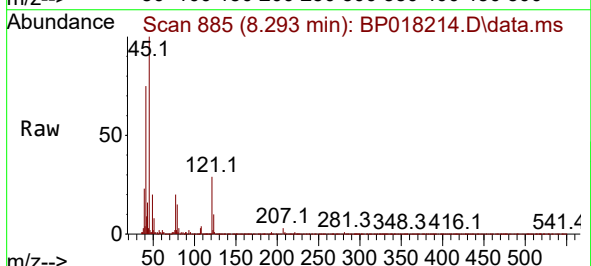
Tgt Ion: 45 Resp: 53805

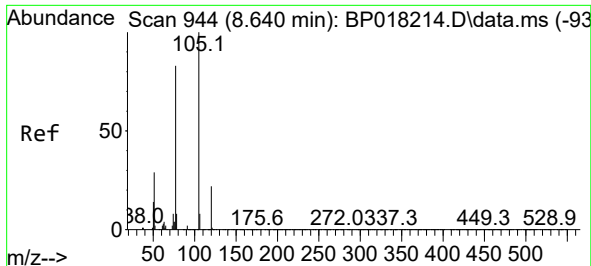
Ion Ratio Lower Upper

45 100

77 20.4 16.1 24.1

79 14.8 11.1 16.7

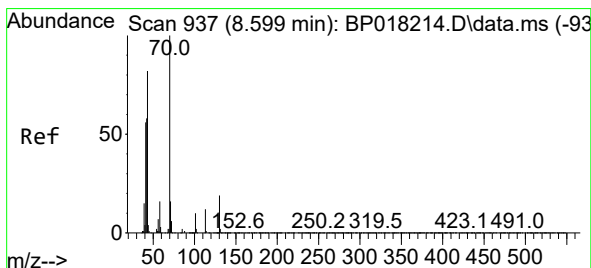
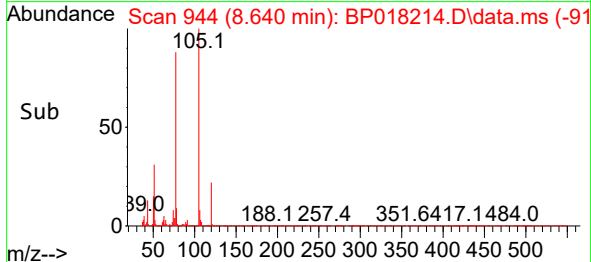
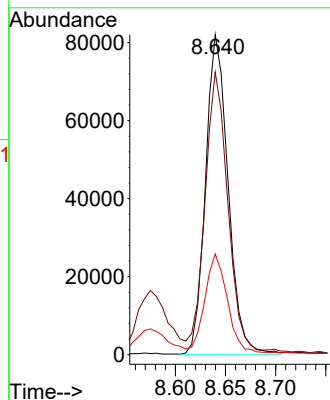
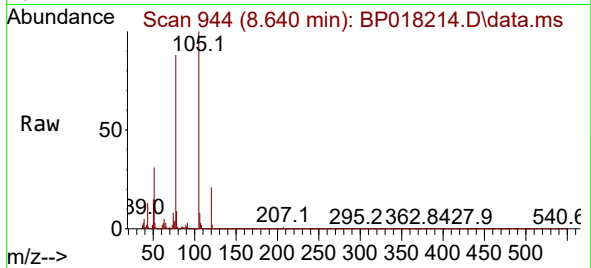




#16
Acetophenone
Concen: 17.404 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

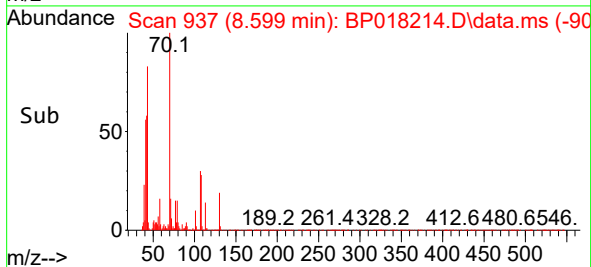
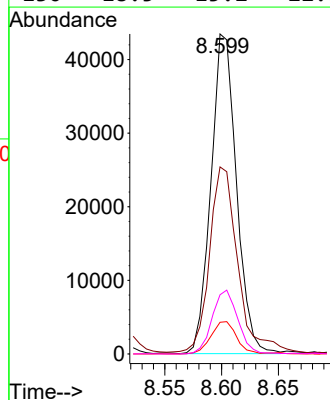
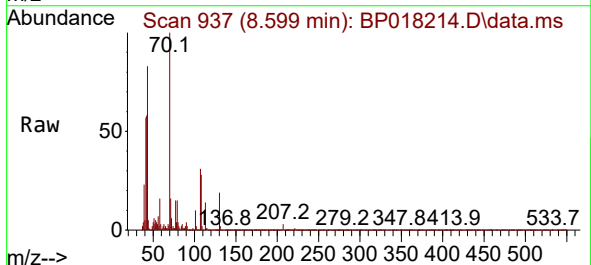
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BNA_P
ClientSampleId :

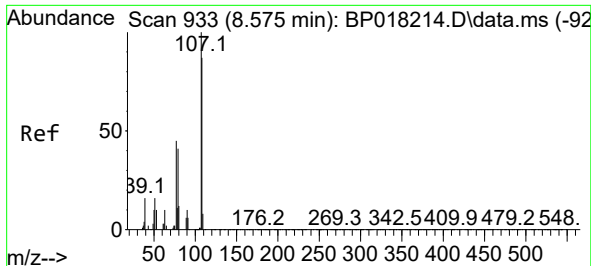
Tgt Ion:105 Resp: 128345
Ion Ratio Lower Upper
105 100
77 88.3 70.1 105.1
51 31.5 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 16.881 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 70 Resp: 67966
Ion Ratio Lower Upper
70 100
42 58.4 43.7 65.5
101 9.9 8.2 12.4
130 18.5 15.2 22.8

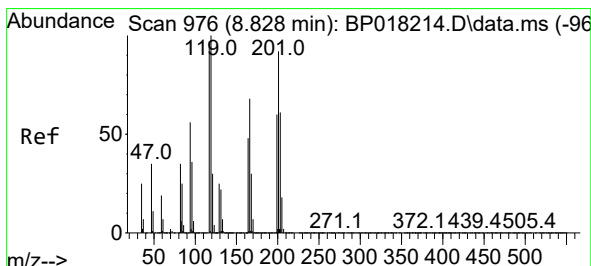
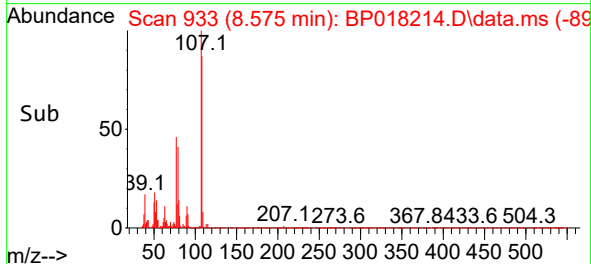
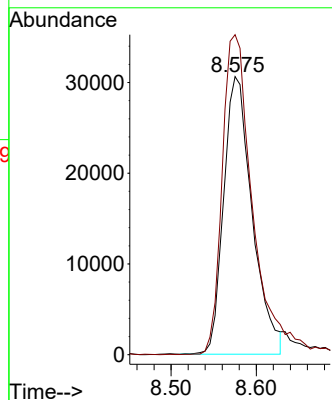
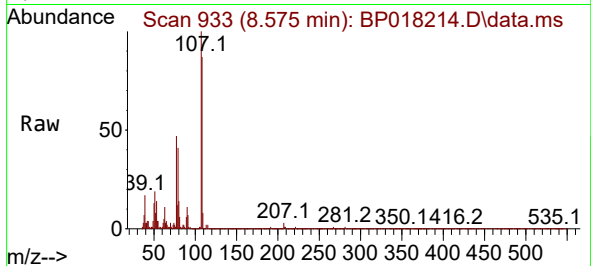




#18
4-Methylphenol
Concen: 15.512 ng/ul
RT: 8.575 min Scan# 913
Delta R.T. -0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

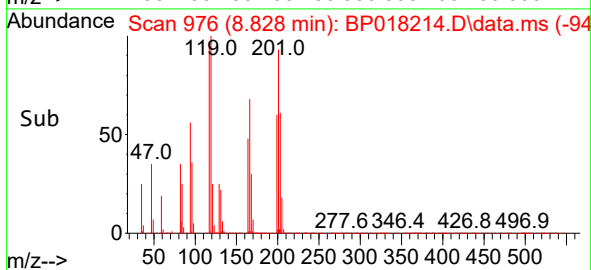
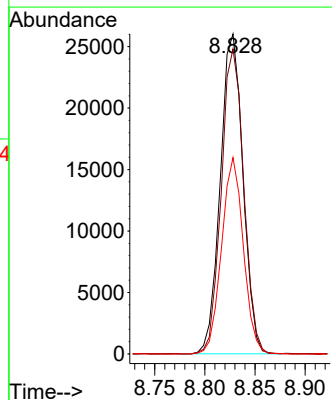
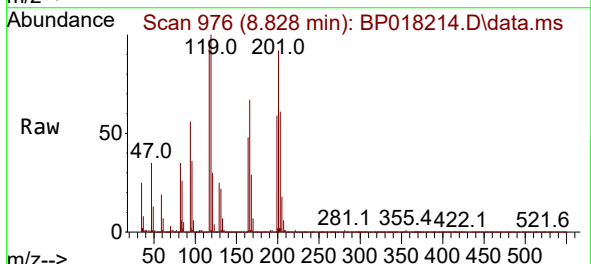
Instrument :
BNA_P
ClientSampleId :

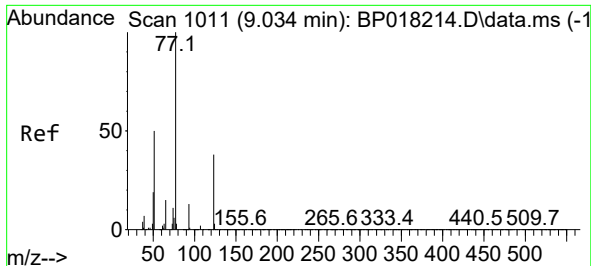
Tgt Ion:108 Resp: 71390
Ion Ratio Lower Upper
108 100
107 115.1 88.2 132.4



#19
Hexachloroethane
Concen: 18.949 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:117 Resp: 40813
Ion Ratio Lower Upper
117 100
201 95.3 84.8 127.2
199 61.4 49.0 73.4

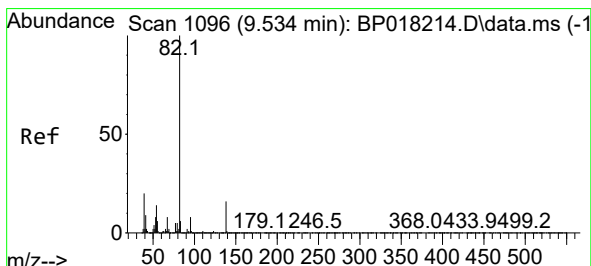
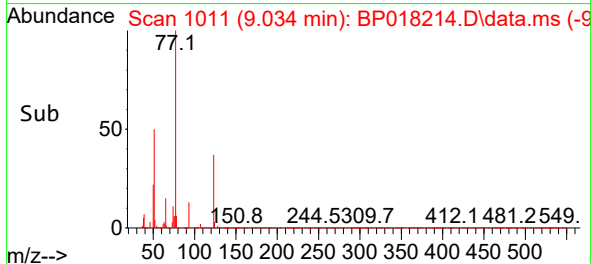
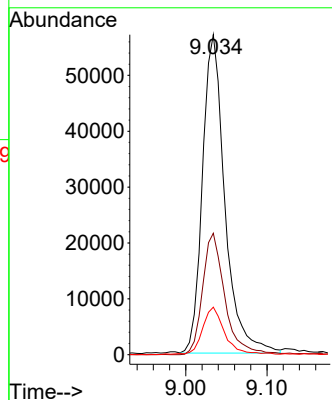
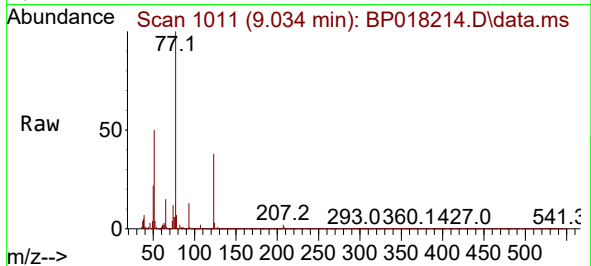




#22
Nitrobenzene
Concen: 19.250 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

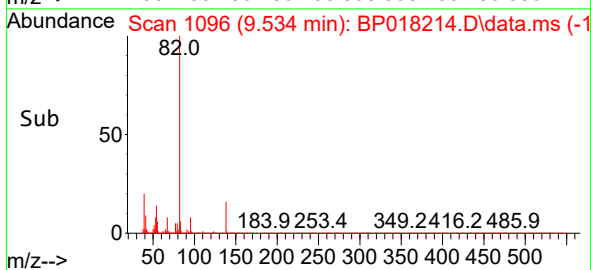
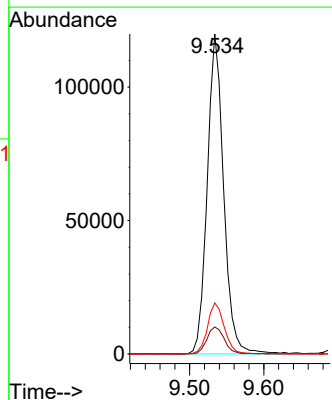
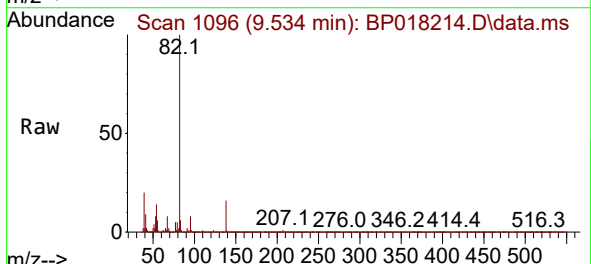
Instrument :
BNA_P
ClientSampleId :

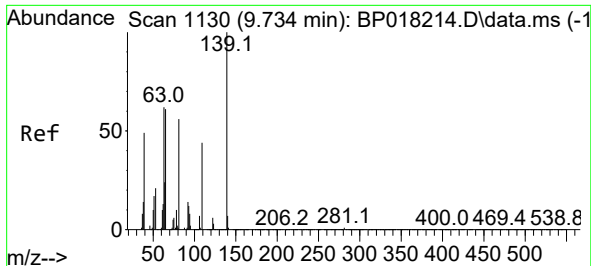
Tgt Ion: 77 Resp: 109396
Ion Ratio Lower Upper
77 100
123 38.0 27.8 41.8
65 14.8 11.5 17.3



#23
Isophorone
Concen: 17.780 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 82 Resp: 184368
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 15.9 13.1 19.7

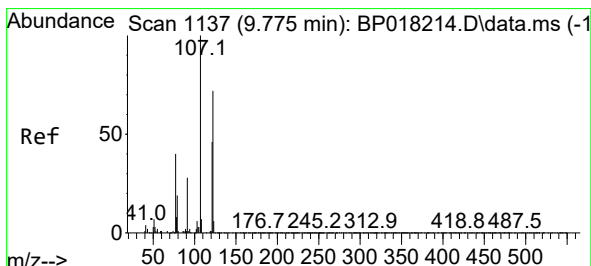
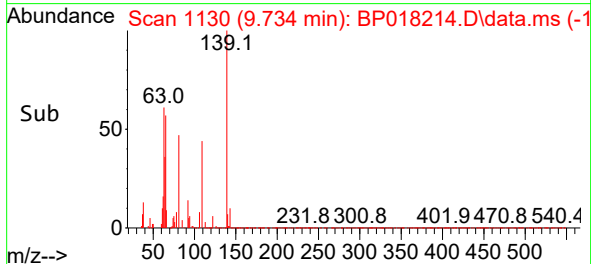
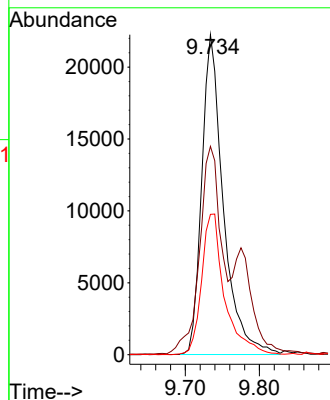
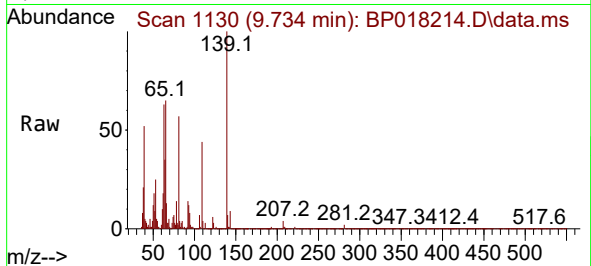




#25
2-Nitrophenol
Concen: 18.354 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

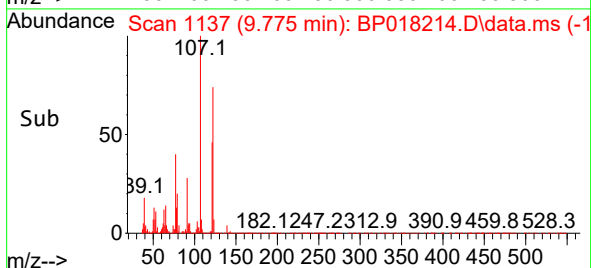
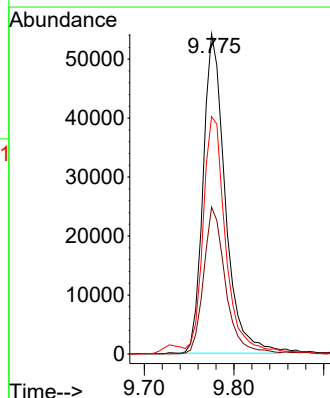
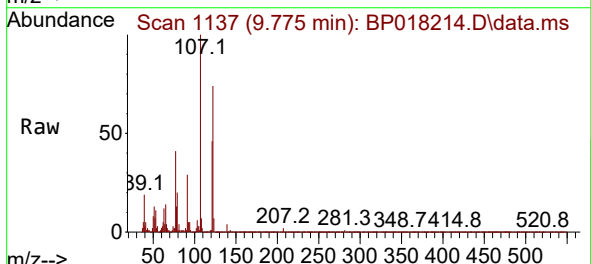
Instrument :
BNA_P
ClientSampleId :

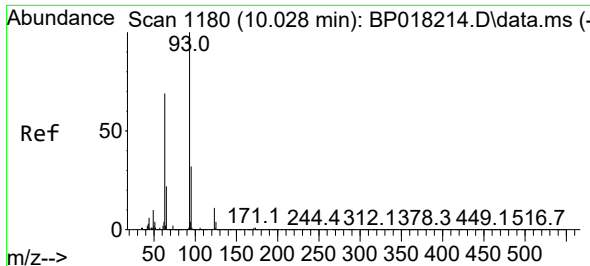
Tgt Ion	Ratio	Lower	Upper
139	100		
65	65.1	51.4	77.0
109	43.8	33.1	49.7



#26
2,4-Dimethylphenol
Concen: 17.758 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.9	37.8	56.8
122	74.1	62.1	93.1

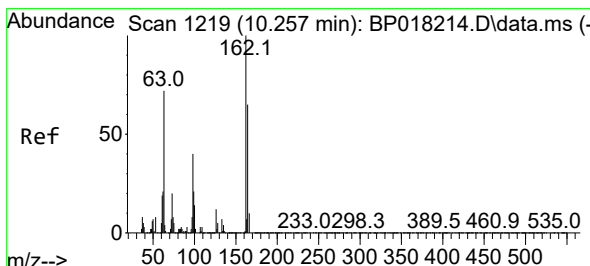
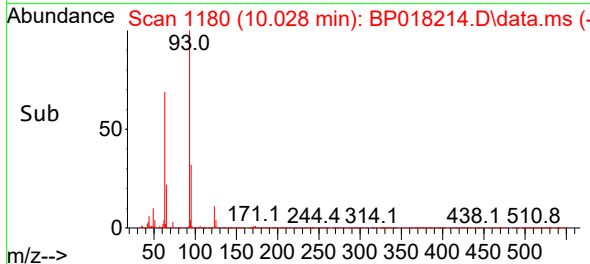
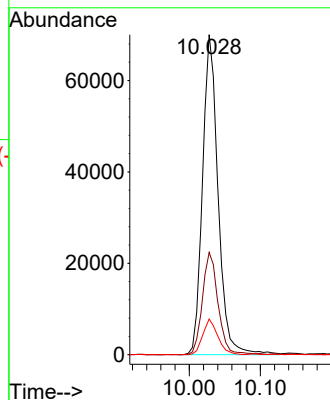
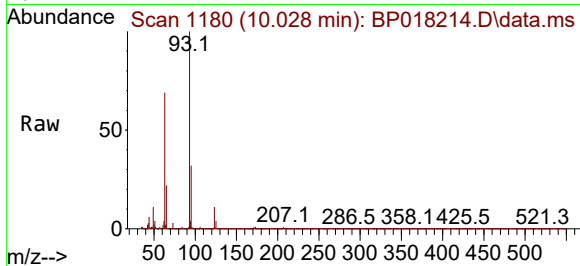




#27
 Bis(2-Chloroethoxy)methane
 Concen: 18.910 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BP018214.D
 Acq: 17 Nov 2023 09:15

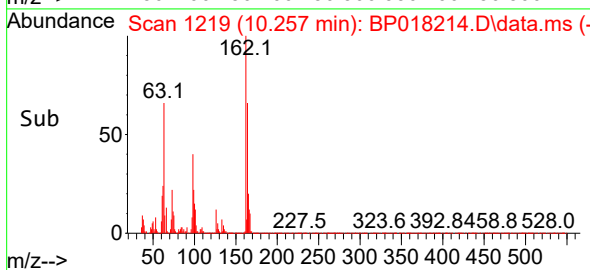
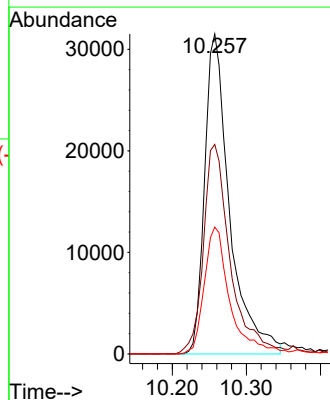
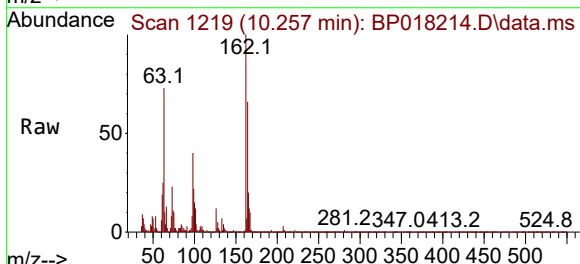
Instrument :
 BNA_P
 ClientSampleId :

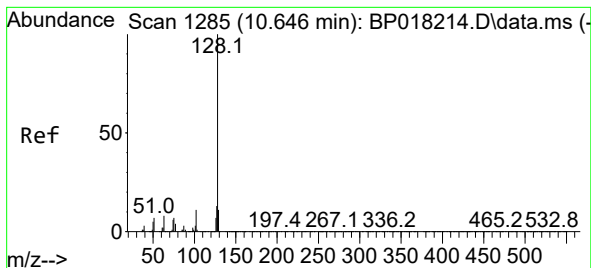
Tgt Ion: 93 Resp: 106931
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.2 39.2
 123 11.2 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 18.248 ng/ul
 RT: 10.257 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: BP018214.D
 Acq: 17 Nov 2023 09:15

Tgt Ion: 162 Resp: 74050
 Ion Ratio Lower Upper
 162 100
 164 65.5 51.8 77.6
 98 39.6 28.7 43.1





#30

Naphthalene

Concen: 18.670 ng/ul

RT: 10.646 min Scan# 1285

Delta R.T. -0.006 min

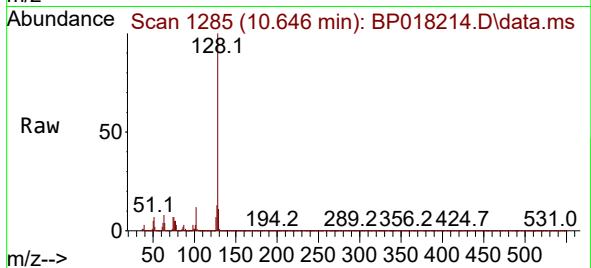
Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :



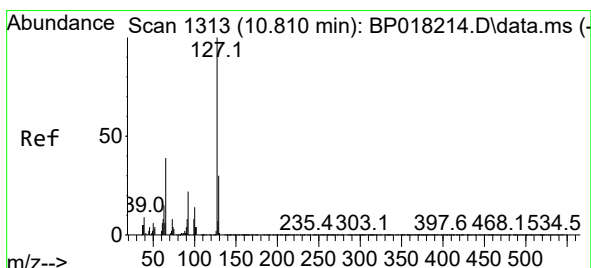
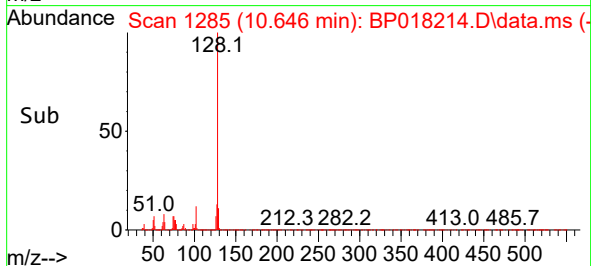
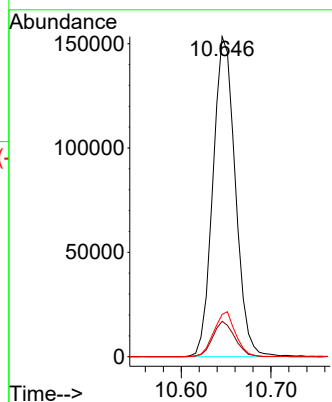
Tgt Ion:128 Resp: 265229

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

127 13.2 10.3 15.5



#32

4-Chloroaniline

Concen: 17.385 ng/ul

RT: 10.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BP018214.D

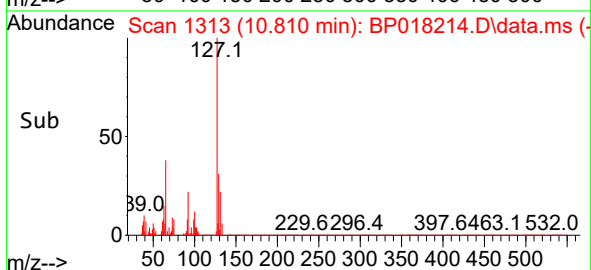
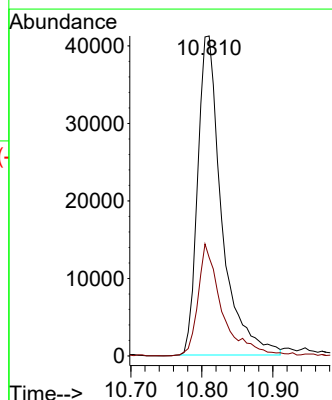
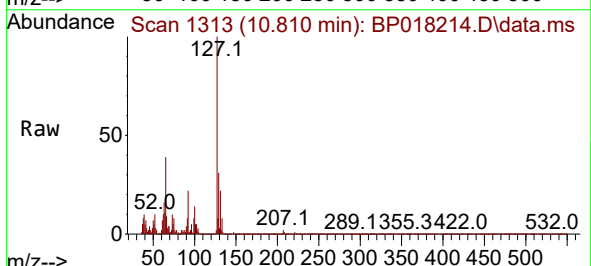
Acq: 17 Nov 2023 09:15

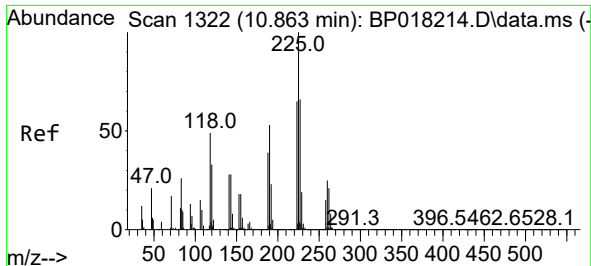
Tgt Ion:127 Resp: 97046

Ion Ratio Lower Upper

127 100

129 30.7 26.1 39.1

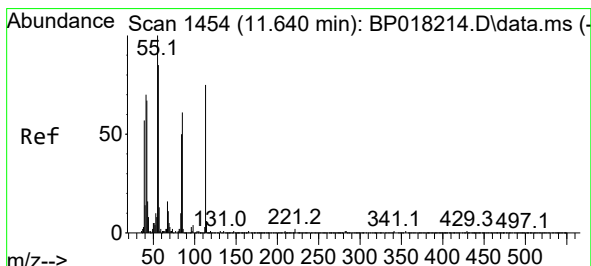
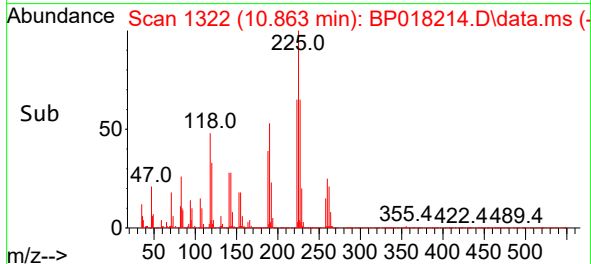
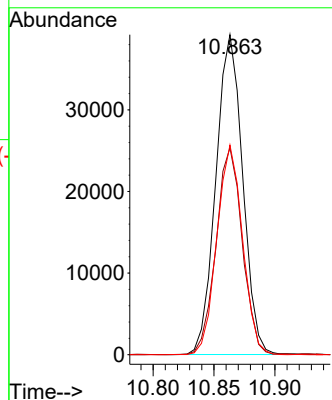
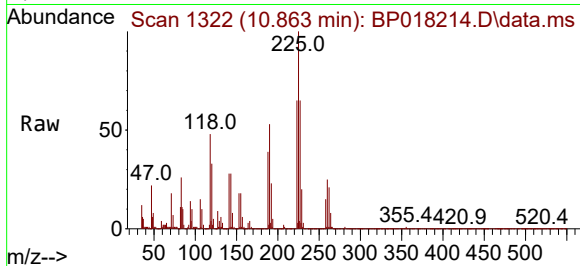




#33
Hexachlorobutadiene
Concen: 20.162 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

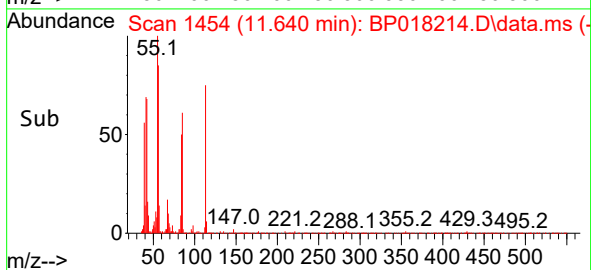
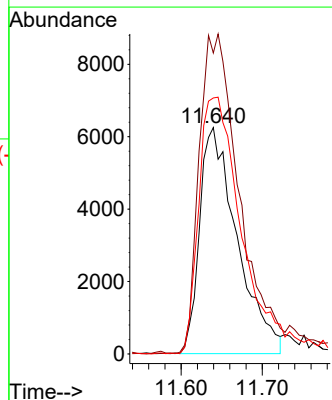
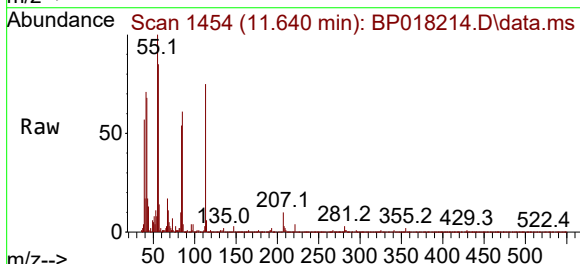
Instrument :
BNA_P
ClientSampleId :

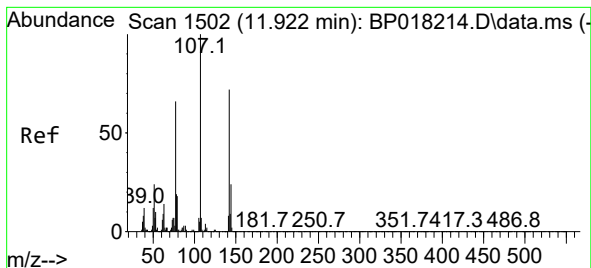
Tgt Ion:225 Resp: 60065
Ion Ratio Lower Upper
225 100
223 64.7 52.5 78.7
227 65.5 51.9 77.9



#34
Caprolactam
Concen: 14.872 ng/ul
RT: 11.640 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:113 Resp: 20049
Ion Ratio Lower Upper
113 100
55 133.0 118.3 177.5
56 113.1 95.6 143.4

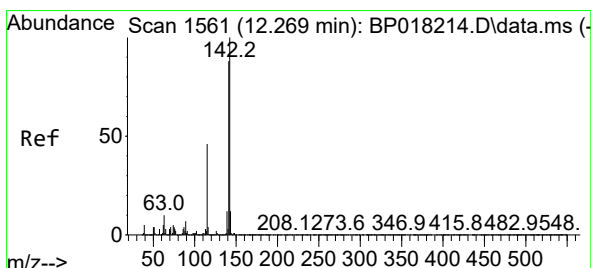
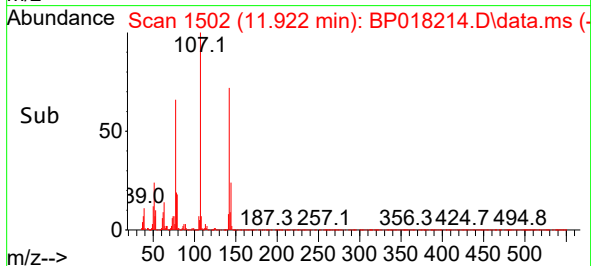
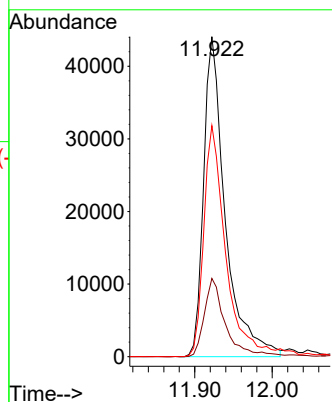
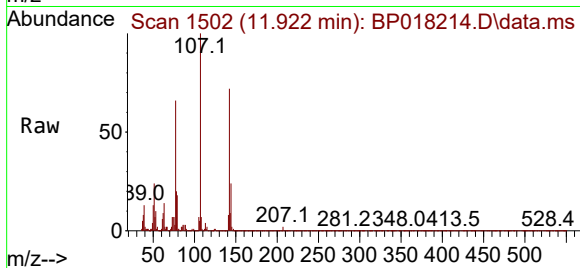




#35
4-Chloro-3-methylphenol
Concen: 17.496 ng/ul
RT: 11.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

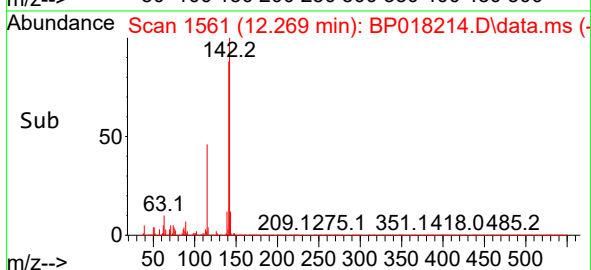
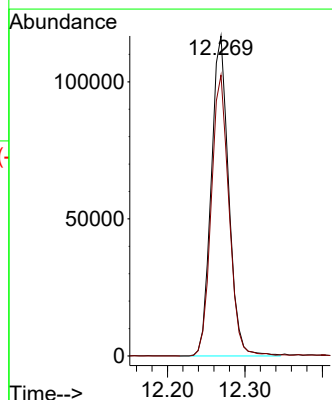
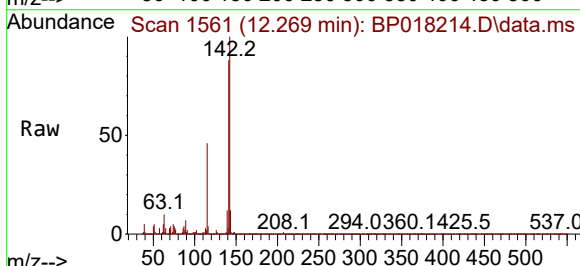
Instrument :
BNA_P
ClientSampleId :

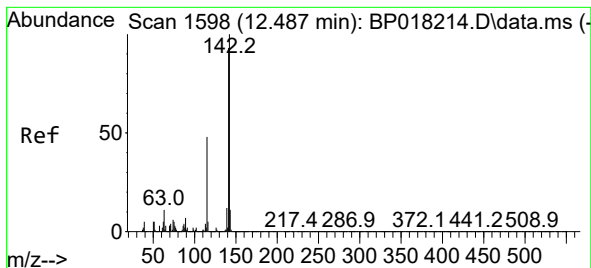
Tgt Ion:107 Resp: 85417
Ion Ratio Lower Upper
107 100
144 24.5 19.1 28.7
142 72.2 54.8 82.2



#36
2-Methylnaphthalene
Concen: 18.746 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:142 Resp: 182832
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5





#37

1-Methylnaphthalene

Concen: 18.386 ng/ul

RT: 12.487 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

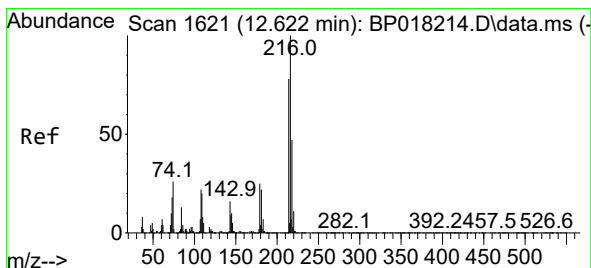
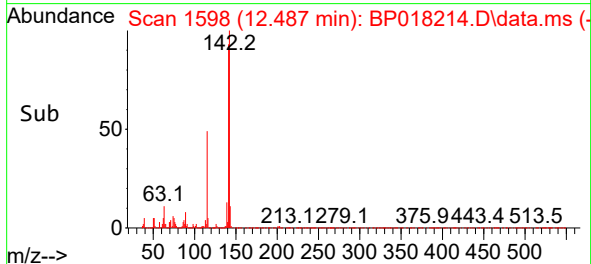
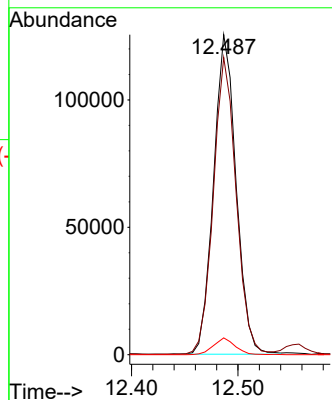
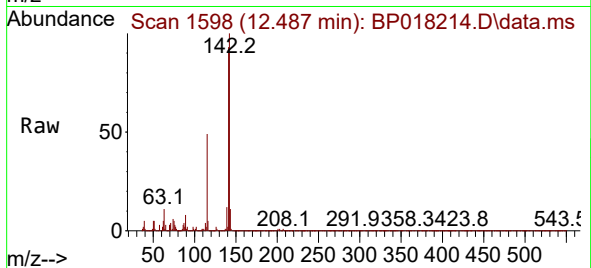
Tgt Ion:142 Resp: 184267

Ion Ratio Lower Upper

142 100

141 92.9 72.8 109.2

116 5.3 4.0 6.0



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.118 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Tgt Ion:216 Resp: 99576

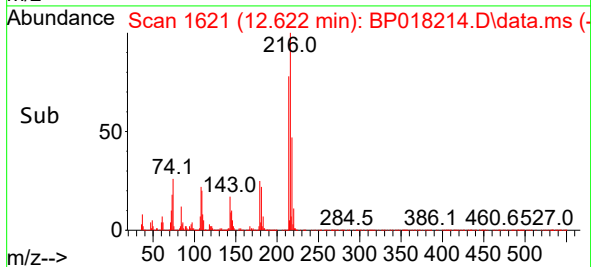
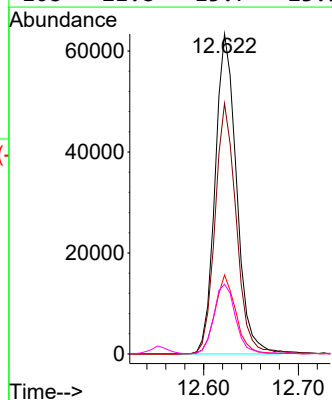
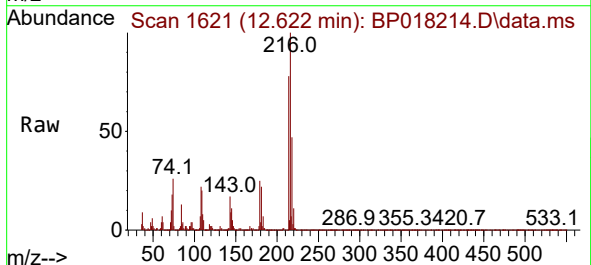
Ion Ratio Lower Upper

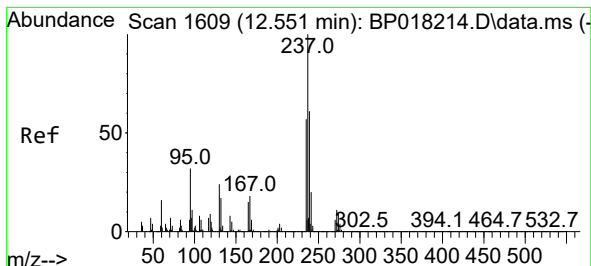
216 100

214 78.3 64.8 97.2

179 24.7 18.3 27.5

108 21.8 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 14.758 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

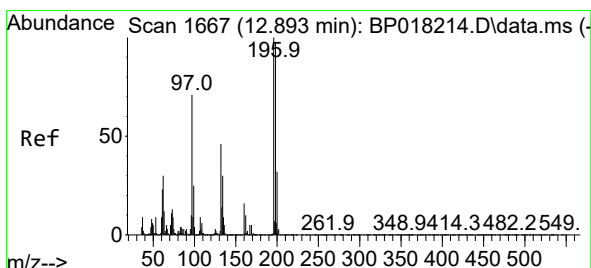
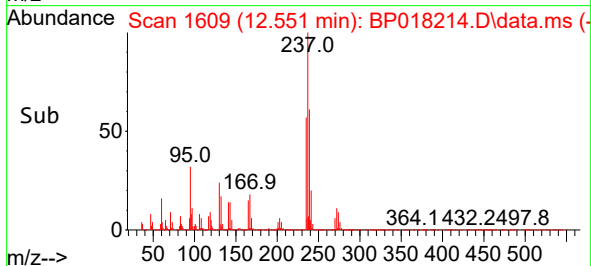
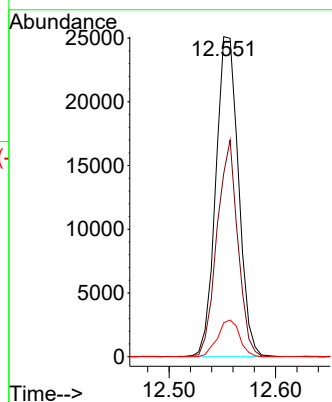
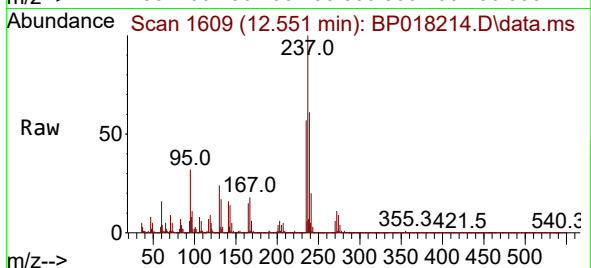
Tgt Ion:237 Resp: 37103

Ion Ratio Lower Upper

237 100

235 57.3 49.9 74.9

272 10.6 8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 17.869 ng/ul

RT: 12.893 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

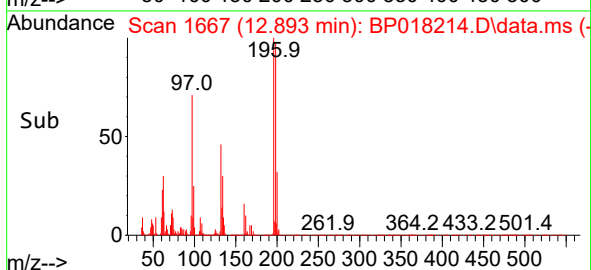
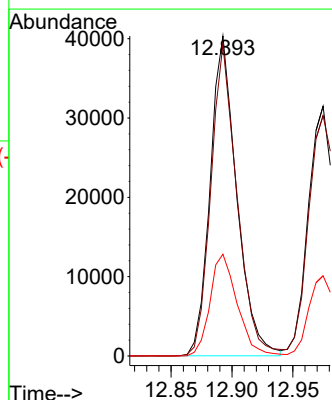
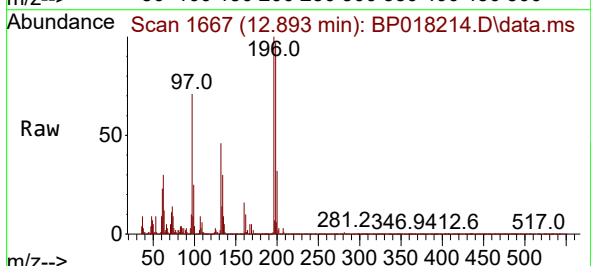
Tgt Ion:196 Resp: 61051

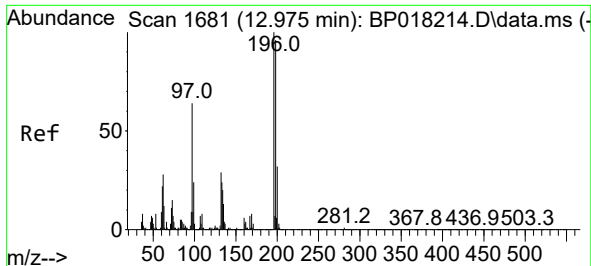
Ion Ratio Lower Upper

196 100

198 97.4 78.9 118.3

200 31.8 25.8 38.8

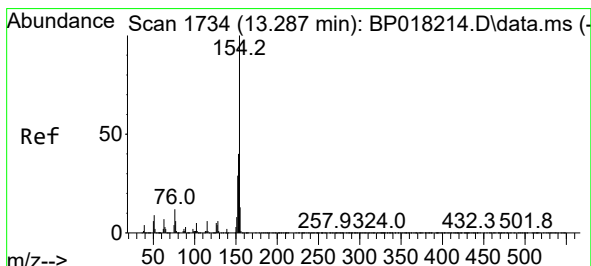
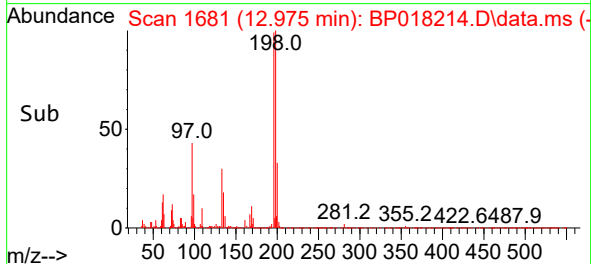
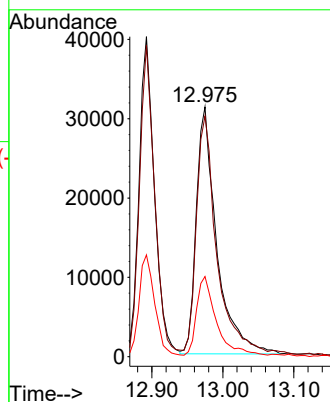
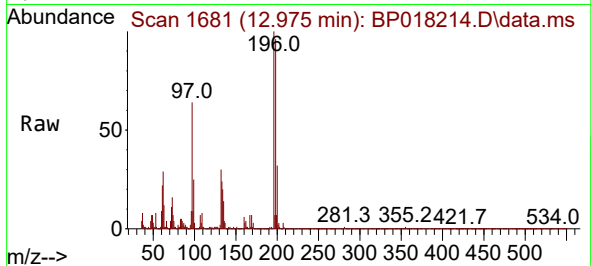




#42
2,4,5-Trichlorophenol
Concen: 17.472 ng/ul
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

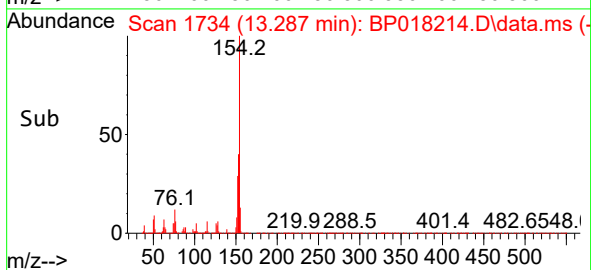
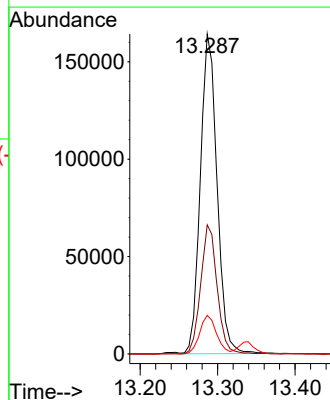
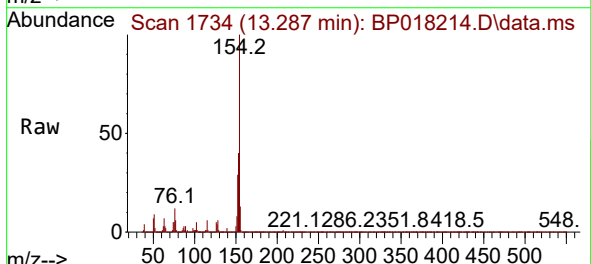
Instrument :
BNA_P
ClientSampleId :

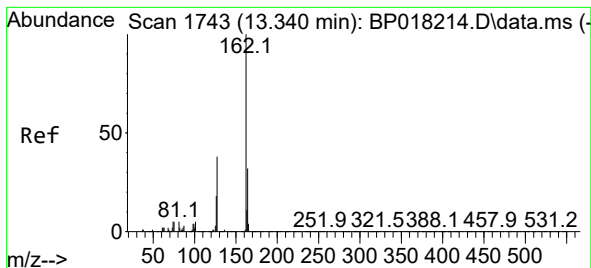
Tgt Ion:196 Resp: 62827
Ion Ratio Lower Upper
196 100
198 96.3 78.9 118.3
200 32.1 26.6 40.0



#43
1,1'-Biphenyl
Concen: 18.725 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:154 Resp: 245489
Ion Ratio Lower Upper
154 100
153 40.4 32.4 48.6
76 12.0 9.8 14.8

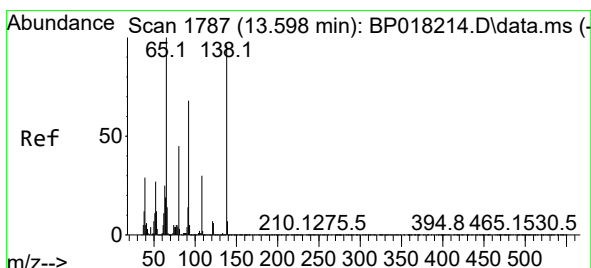
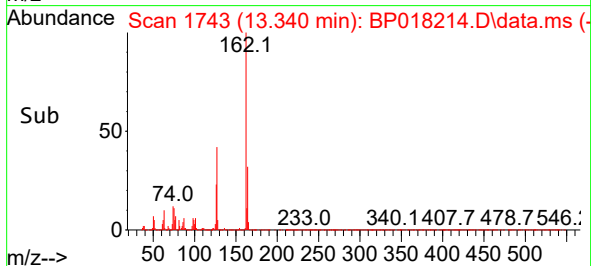
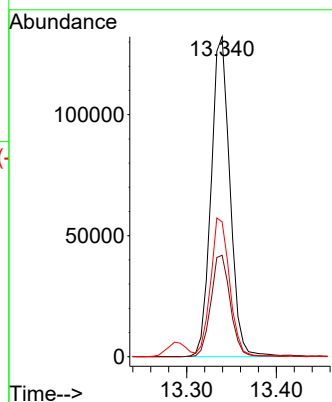
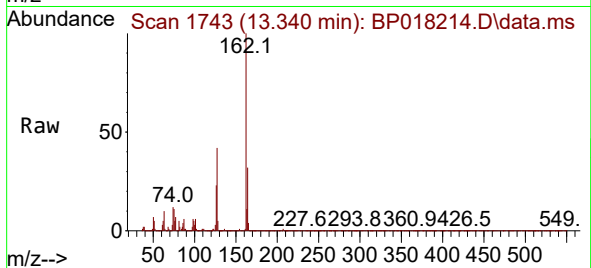




#44
2-Chloronaphthalene
Concen: 18.522 ng/ul
RT: 13.340 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

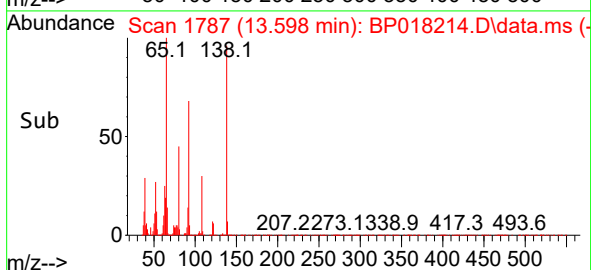
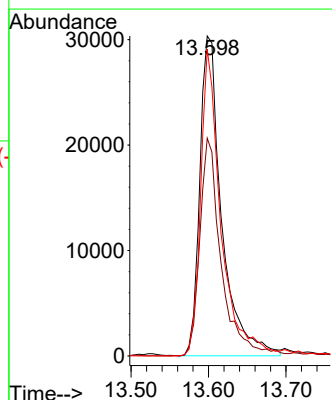
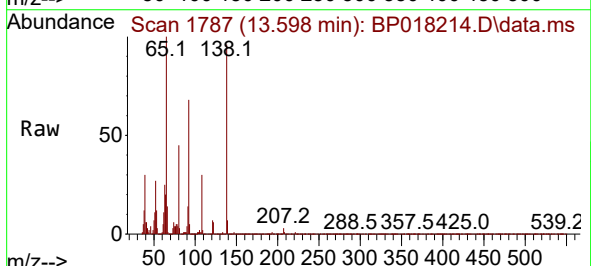
Instrument :
BNA_P
ClientSampleId :

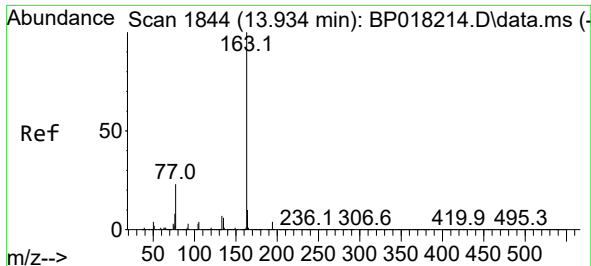
Tgt Ion:162 Resp: 192786
Ion Ratio Lower Upper
162 100
164 31.7 26.9 40.3
127 42.2 35.4 53.2



#45
2-Nitroaniline
Concen: 17.767 ng/ul
RT: 13.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 65 Resp: 59675
Ion Ratio Lower Upper
65 100
92 68.0 53.8 80.6
138 95.9 75.1 112.7

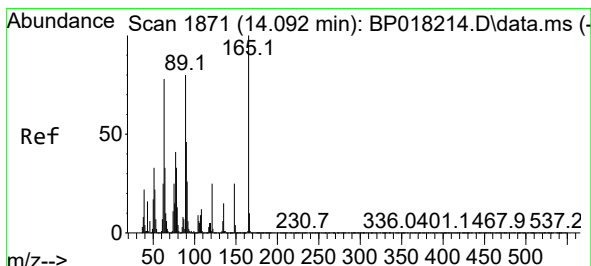
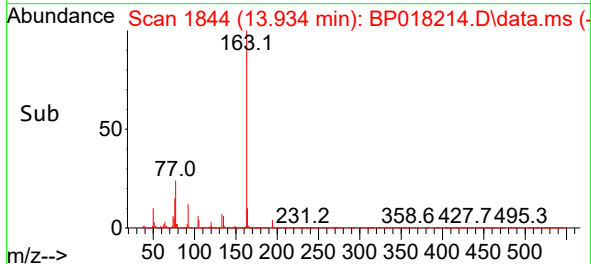
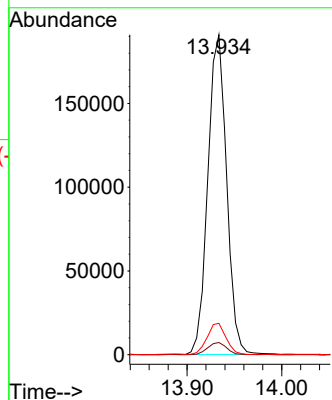
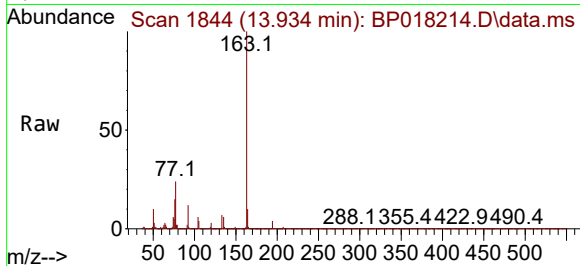




#47
Dimethylphthalate
Concen: 18.848 ng/ul
RT: 13.934 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

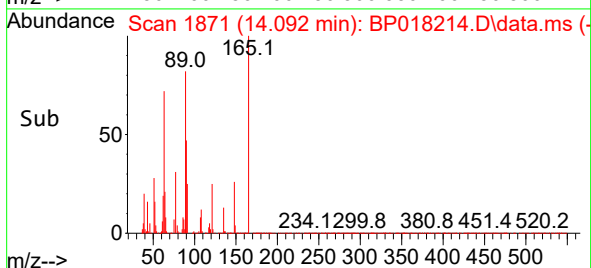
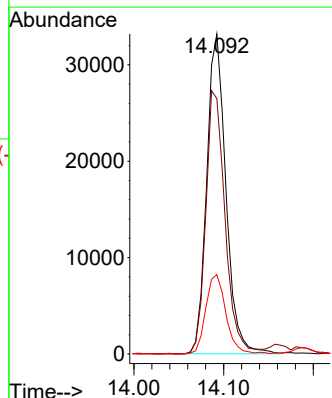
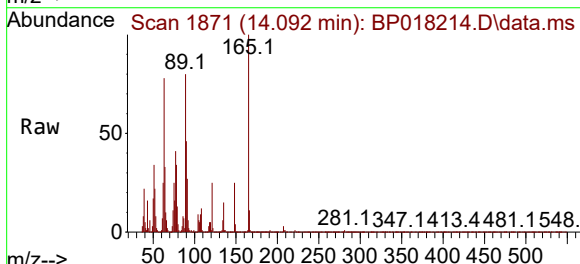
Instrument :
BNA_P
ClientSampleId :

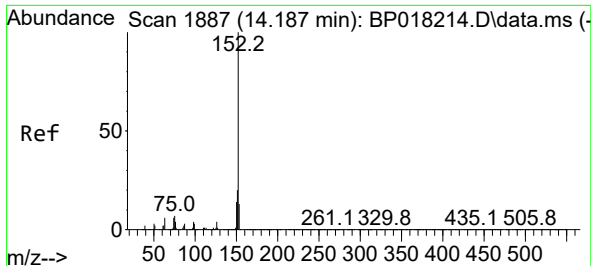
Tgt Ion:163 Resp: 263012
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 9.8 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 17.810 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:165 Resp: 49397
Ion Ratio Lower Upper
165 100
89 79.8 59.4 89.0
121 24.8 18.2 27.4

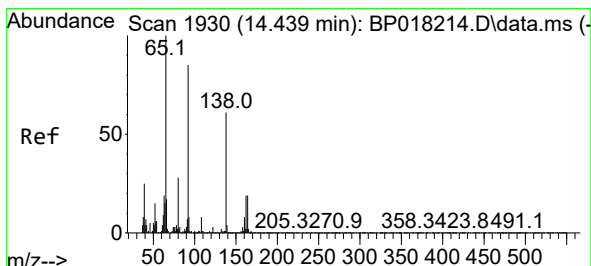
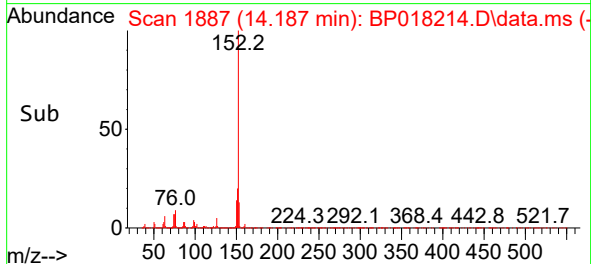
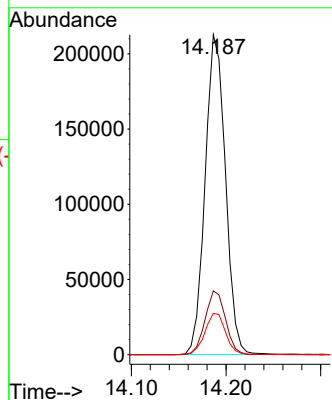
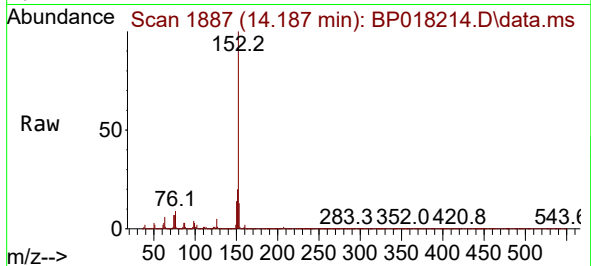




#50
Acenaphthylene
Concen: 18.150 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

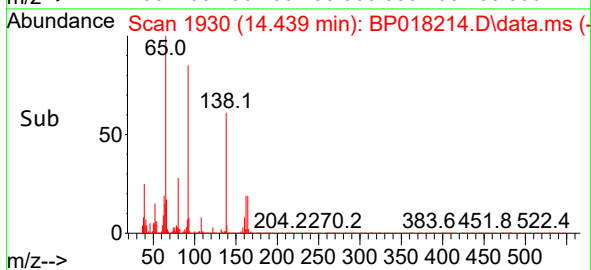
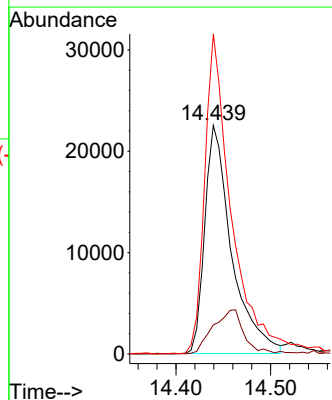
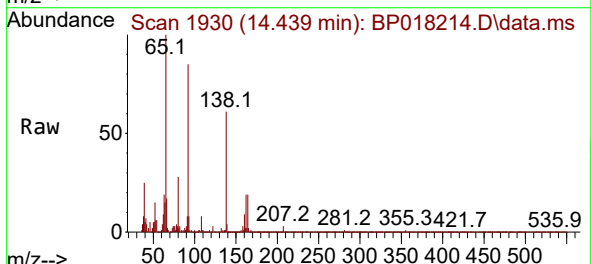
Instrument :
BNA_P
ClientSampleId :

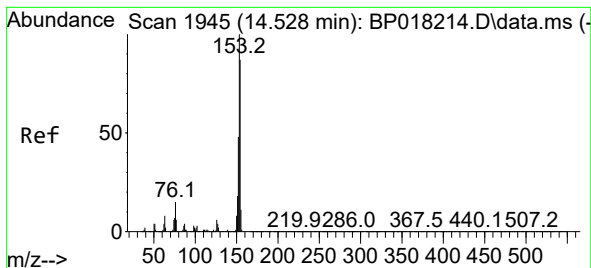
Tgt Ion:152 Resp: 317496
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 17.213 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:138 Resp: 44301
Ion Ratio Lower Upper
138 100
108 12.8 8.3 12.5#
92 139.9 99.0 148.4





#52

Acenaphthene

Concen: 18.532 ng/ul

RT: 14.528 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNP_P

ClientSampleId :

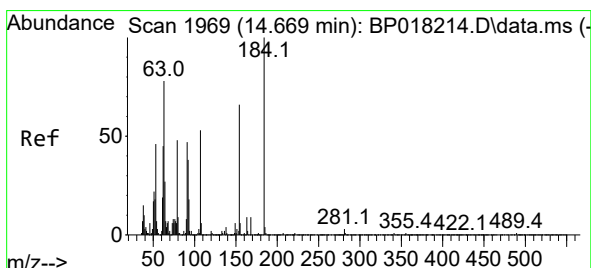
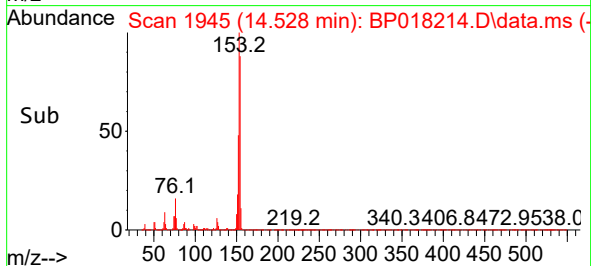
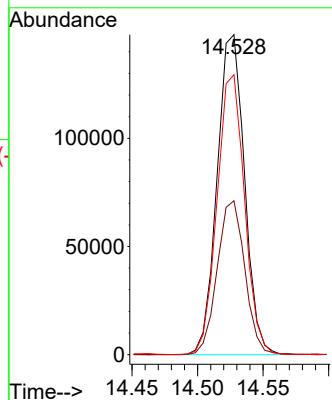
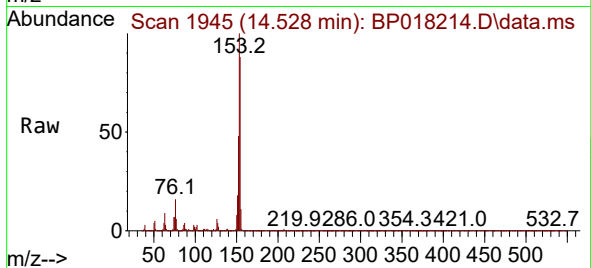
Tgt Ion:153 Resp: 214964

Ion Ratio Lower Upper

153 100

152 48.1 39.0 58.6

154 87.5 71.0 106.4



#53

2,4-Dinitrophenol

Concen: 9.194 ng/ul

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

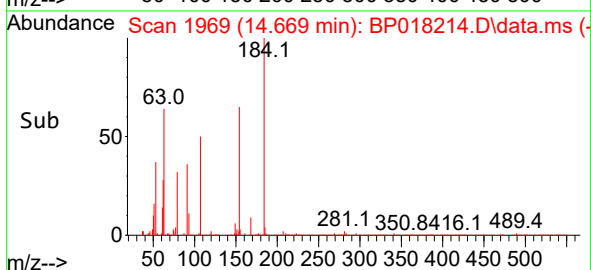
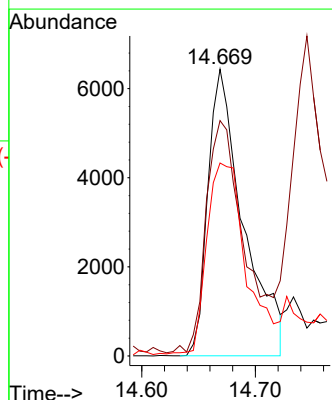
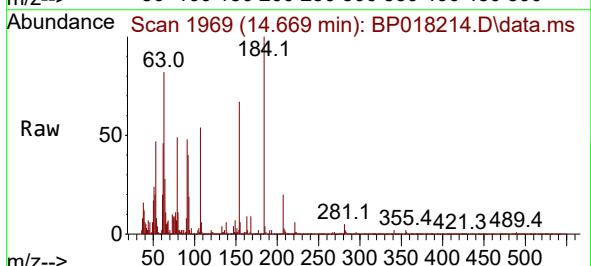
Tgt Ion:184 Resp: 13911

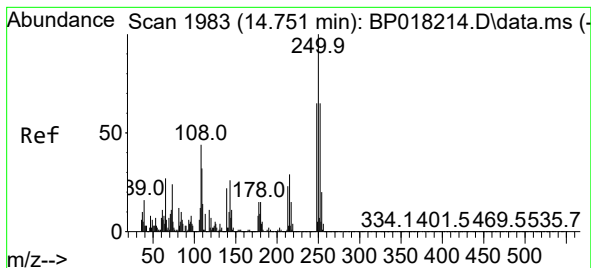
Ion Ratio Lower Upper

184 100

63 82.1 67.7 101.5

154 67.3 60.2 90.4

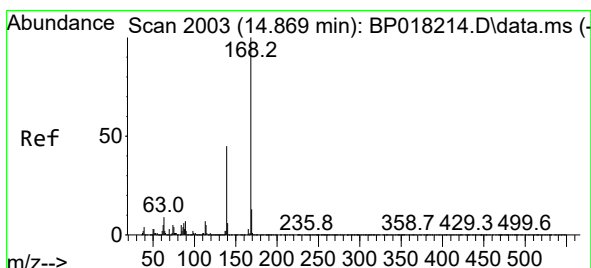
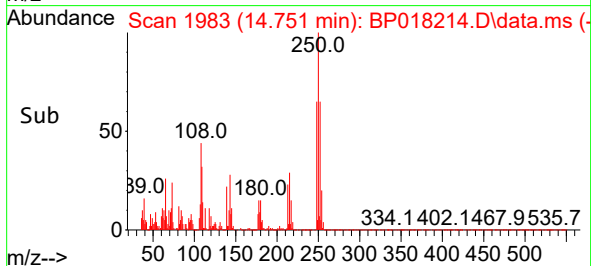
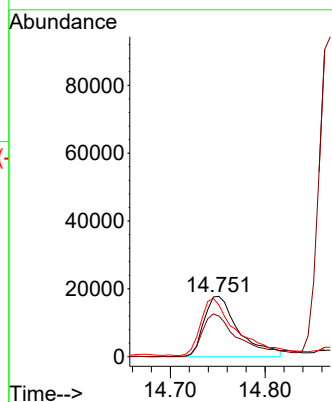
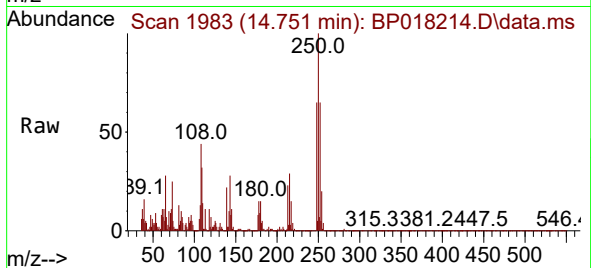




#55
4-Nitrophenol
Concen: 16.004 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

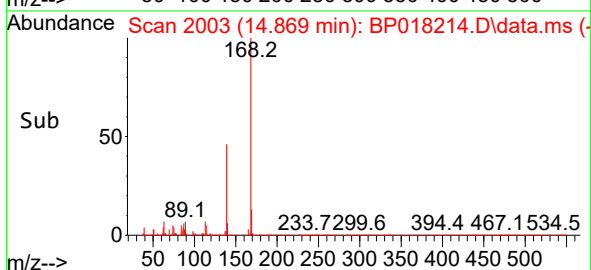
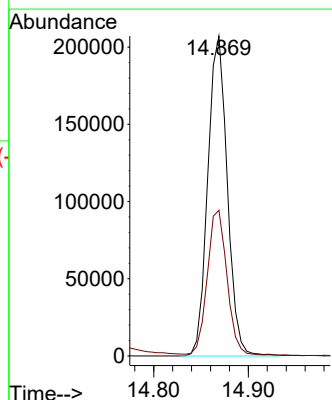
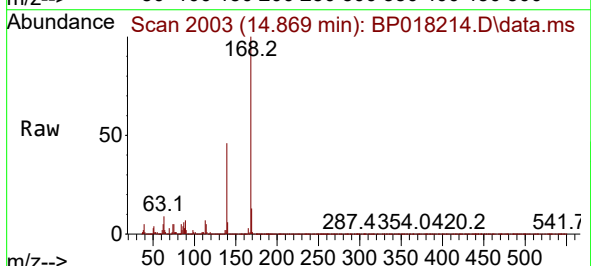
Instrument :
BNA_P
ClientSampleId :

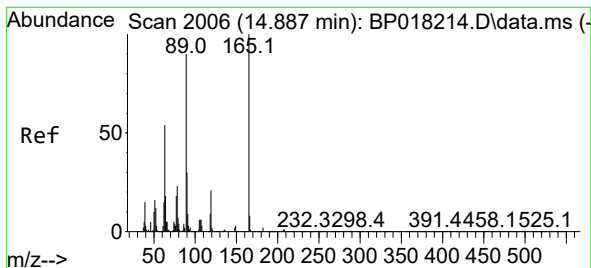
Tgt Ion:109 Resp: 45157
Ion Ratio Lower Upper
109 100
139 67.4 74.9 112.3#
65 85.7 93.8 140.6#



#56
Dibenzofuran
Concen: 18.694 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:168 Resp: 297159
Ion Ratio Lower Upper
168 100
139 45.5 34.0 51.0

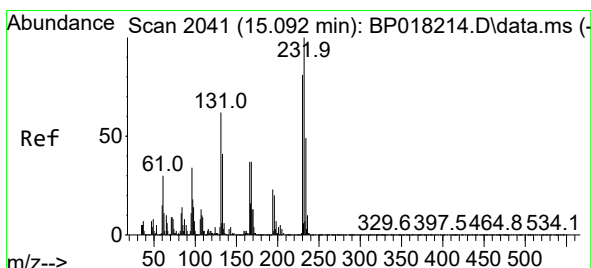
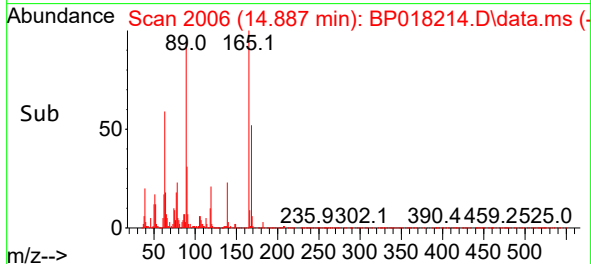
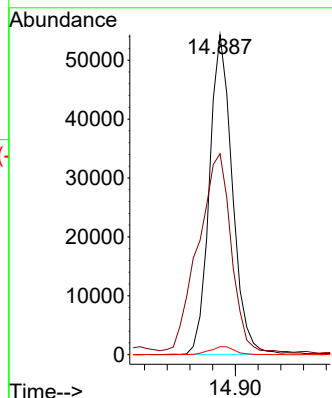
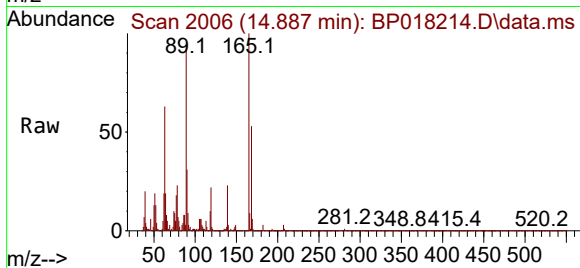




#57
2,4-Dinitrotoluene
Concen: 18.333 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

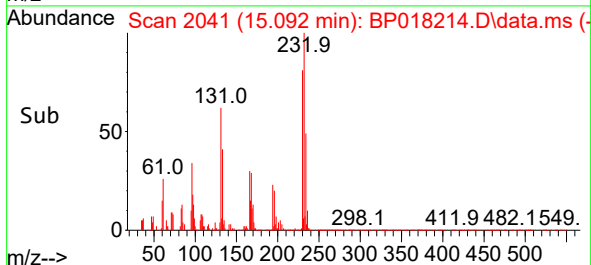
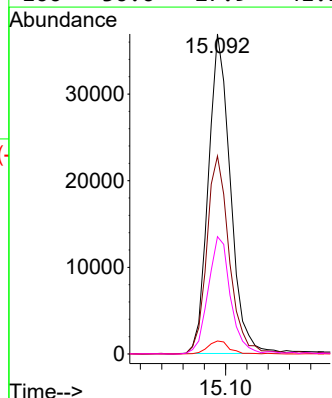
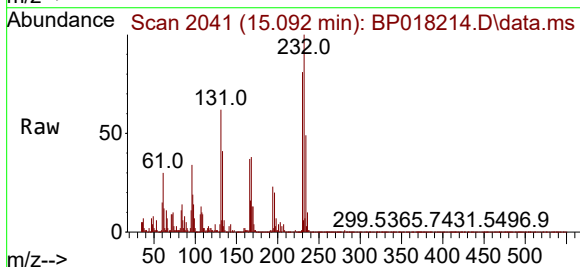
Instrument :
BNA_P
ClientSampleId :

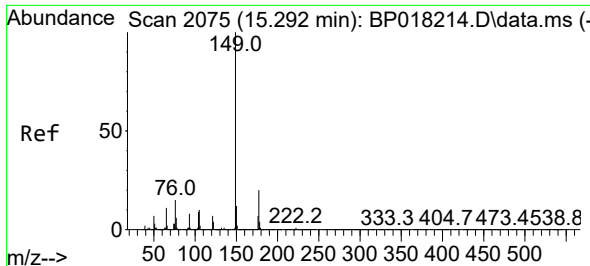
Tgt Ion:165 Resp: 75970
Ion Ratio Lower Upper
165 100
63 62.8 48.6 72.8
182 2.5 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 16.618 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:232 Resp: 53156
Ion Ratio Lower Upper
232 100
131 61.9 44.1 66.1
130 4.1 2.5 3.7#
166 36.6 27.9 41.9

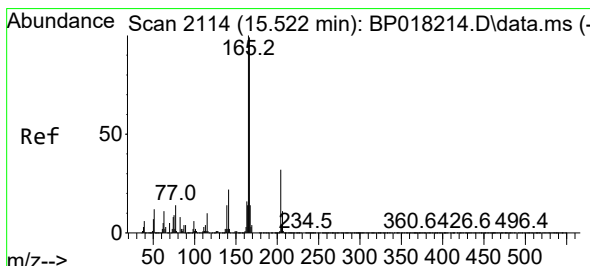
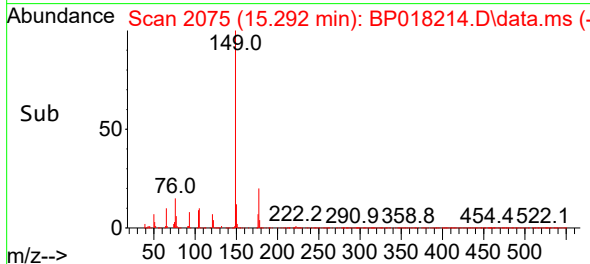
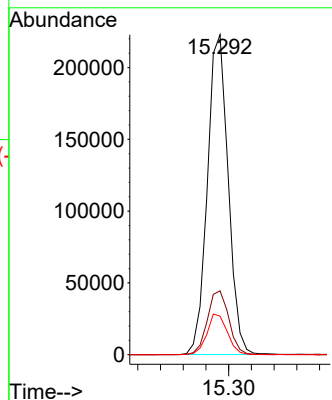
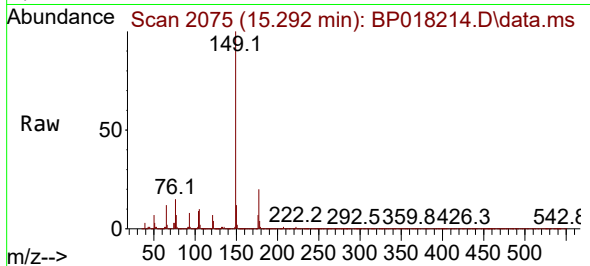




#59
Diethylphthalate
Concen: 19.443 ng/ul
RT: 15.292 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

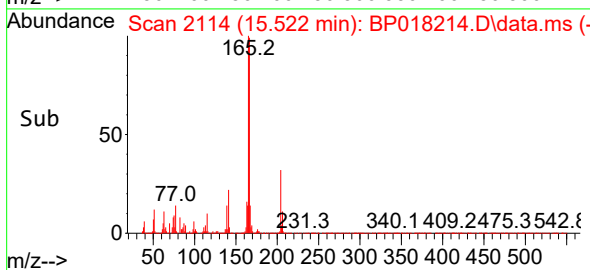
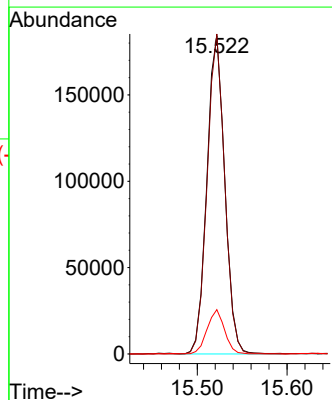
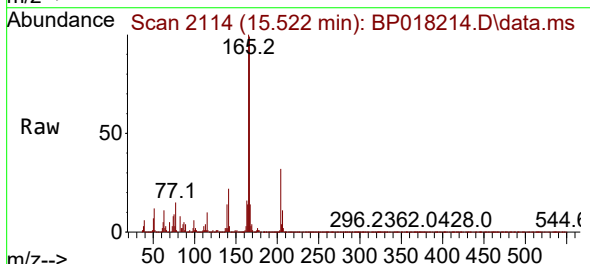
Instrument :
BNA_P
ClientSampleId :

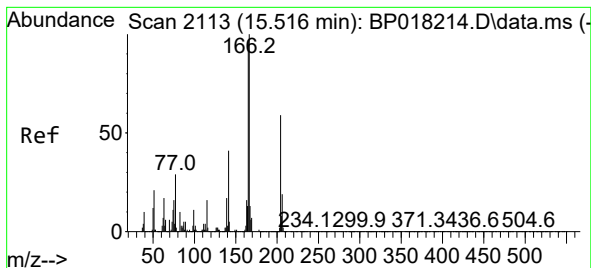
Tgt Ion:149 Resp: 283463
Ion Ratio Lower Upper
149 100
177 20.0 16.3 24.5
150 12.0 10.0 15.0



#61
Fluorene
Concen: 18.890 ng/ul
RT: 15.522 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:166 Resp: 254935
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 13.9 10.6 16.0

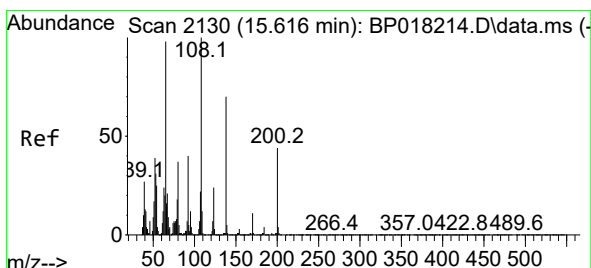
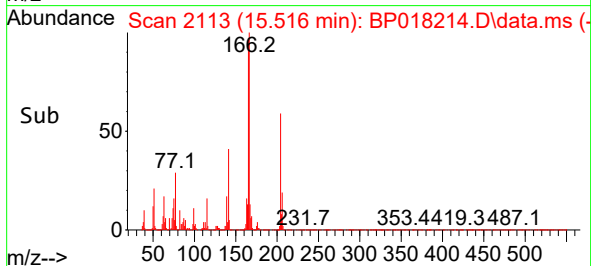
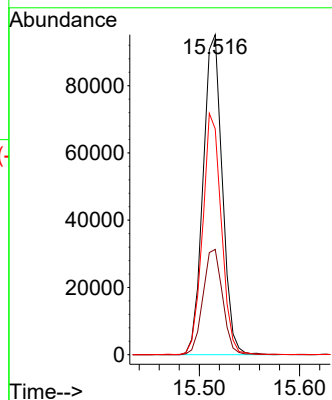
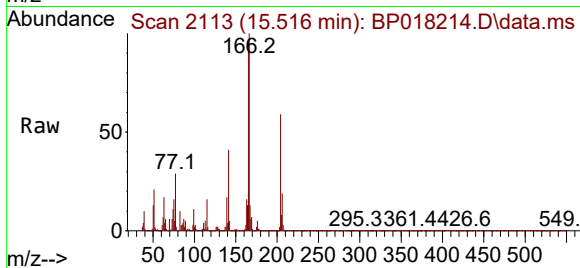




#62
4-Chlorophenyl-phenylether
Concen: 19.161 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

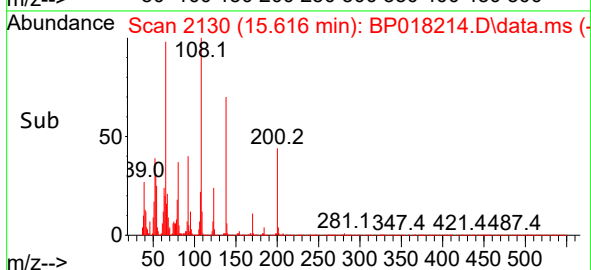
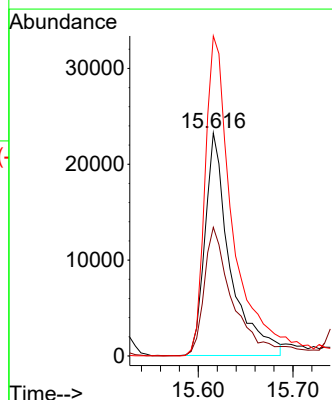
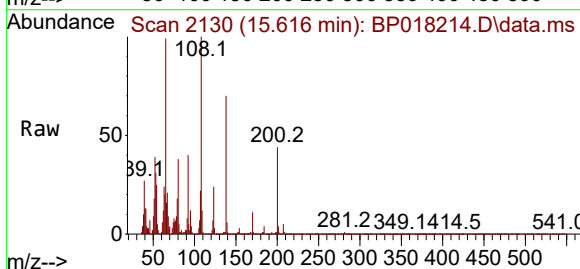
Instrument :
BNA_P
ClientSampleId :

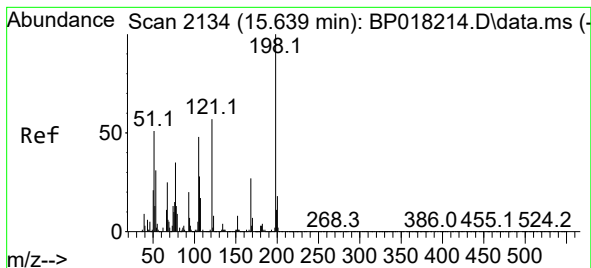
Tgt Ion:204 Resp: 126718
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 70.6 56.0 84.0



#63
4-Nitroaniline
Concen: 17.599 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:138 Resp: 42744
Ion Ratio Lower Upper
138 100
92 57.7 46.6 70.0
108 143.5 104.7 157.1

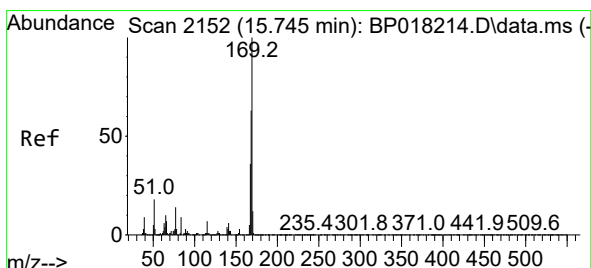
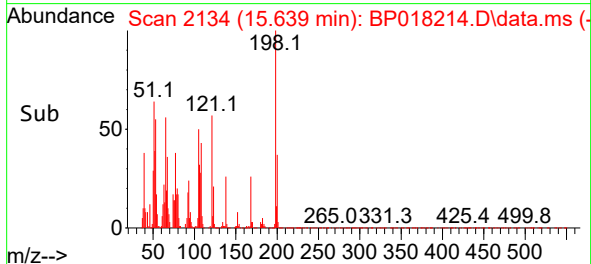
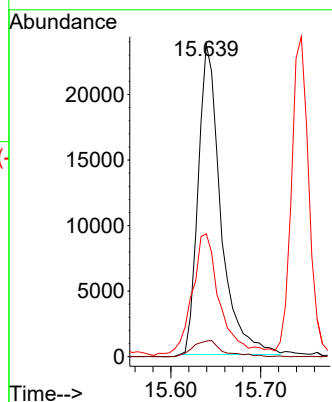
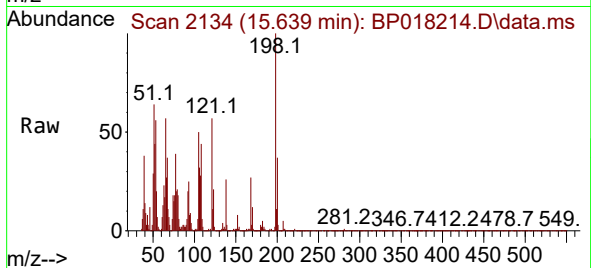




#66
4,6-Dinitro-2-methylphenol
Concen: 15.899 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

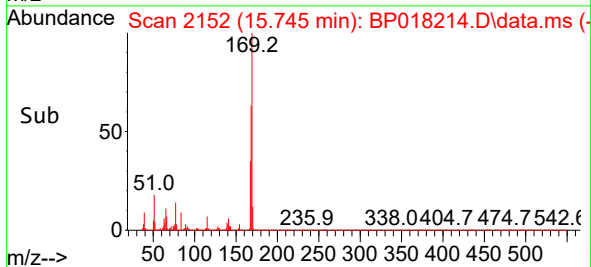
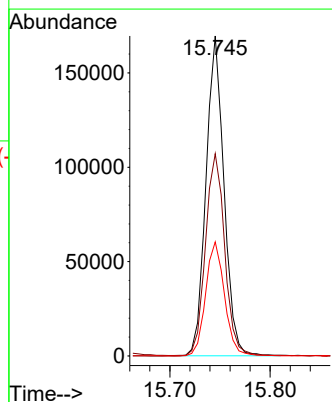
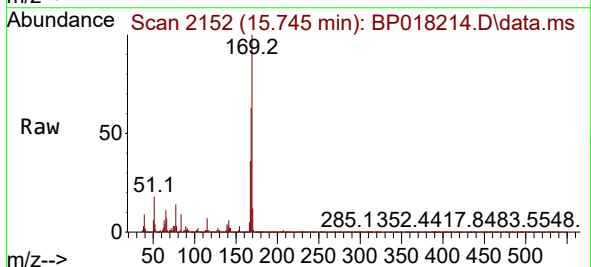
Instrument :
BNA_P
ClientSampleId :

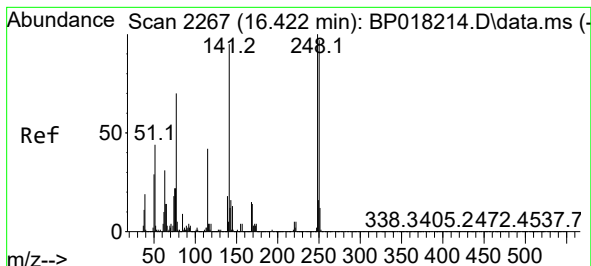
Tgt Ion:198 Resp: 41335
Ion Ratio Lower Upper
198 100
182 5.0 3.8 5.6
77 39.3 27.2 40.8



#67
N-Nitrosodiphenylamine
Concen: 19.090 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:169 Resp: 212186
Ion Ratio Lower Upper
169 100
168 63.2 53.8 80.8
167 35.6 29.8 44.6

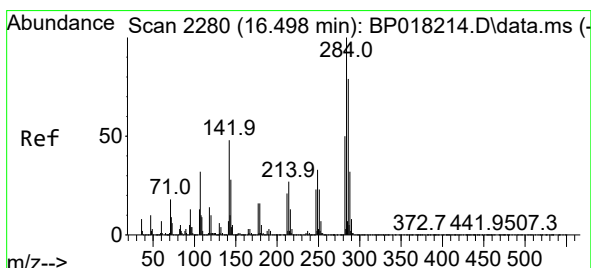
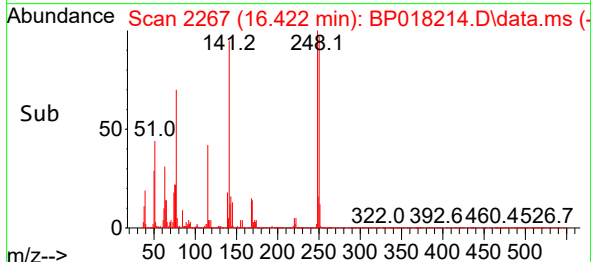
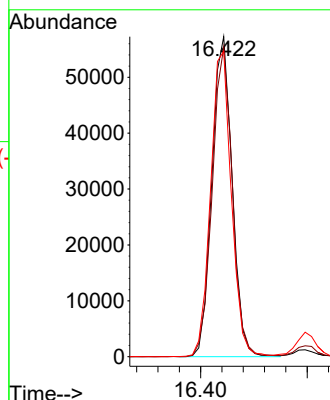
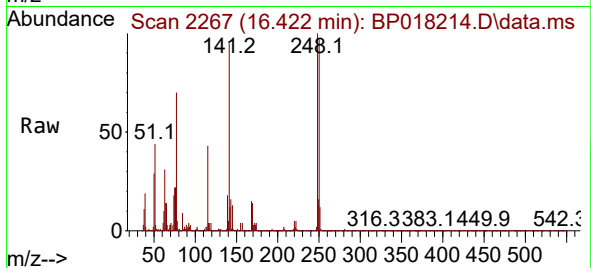




#68
4-Bromophenyl-phenylether
Concen: 19.300 ng/ul
RT: 16.422 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

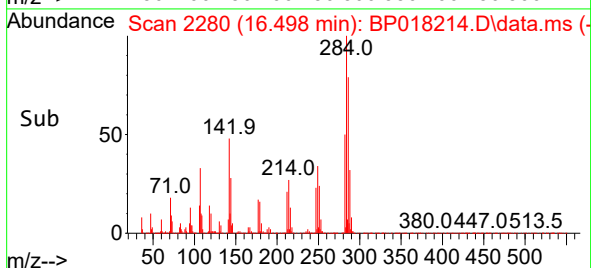
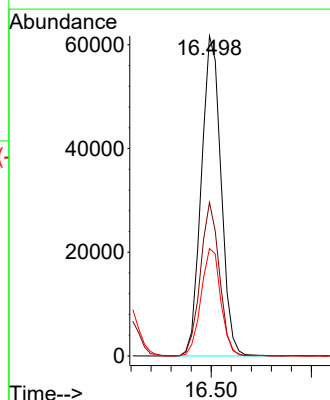
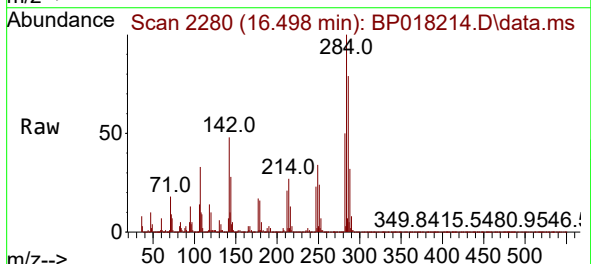
Instrument :
BNA_P
ClientSampleId :

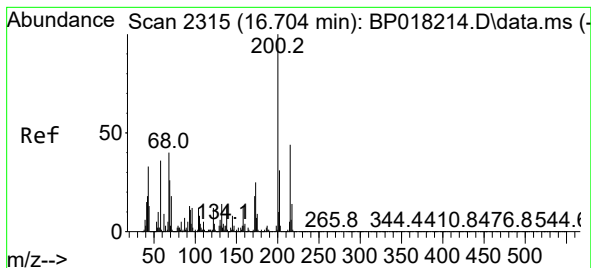
Tgt Ion:	248	Resp:	75391
Ion Ratio	Lower	Upper	
248	100		
250	96.7	72.7	109.1
141	95.5	70.4	105.6



#69
Hexachlorobenzene
Concen: 19.337 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:	284	Resp:	84284
Ion Ratio	Lower	Upper	
284	100		
142	48.0	38.9	58.3
249	33.5	28.6	43.0





#70

Atrazine

Concen: 19.126 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

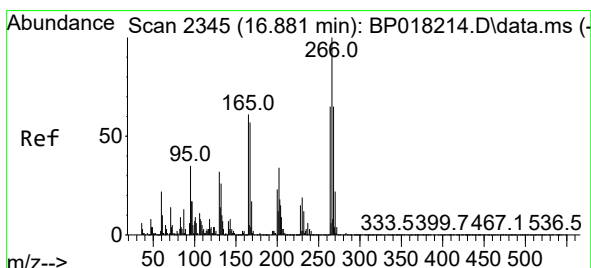
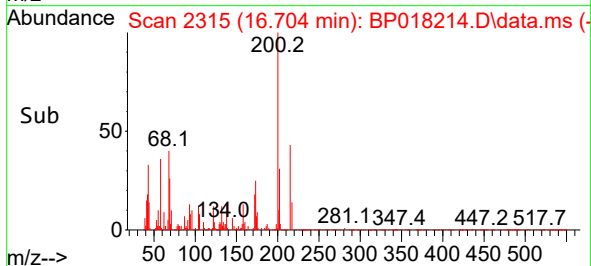
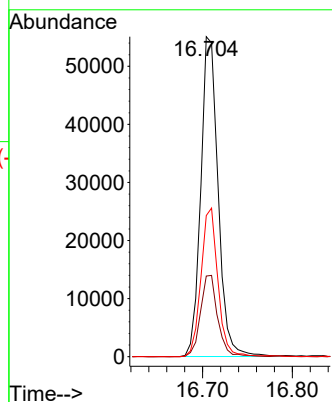
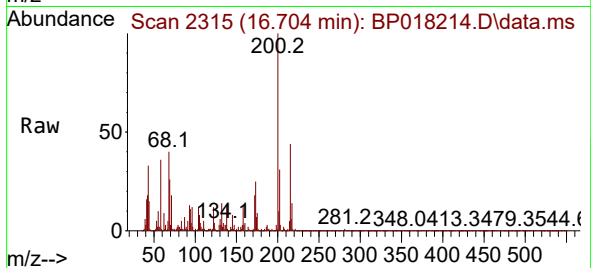
Tgt Ion:200 Resp: 74158

Ion Ratio Lower Upper

200 100

173 25.2 20.2 30.2

215 44.1 37.8 56.8



#71

Pentachlorophenol

Concen: 9.789 ng/ul

RT: 16.881 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

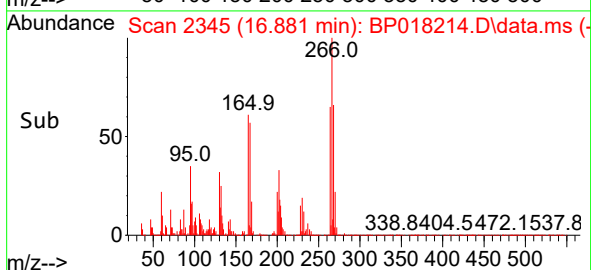
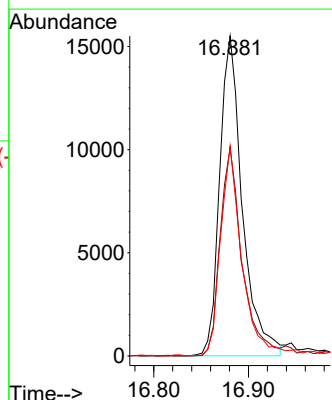
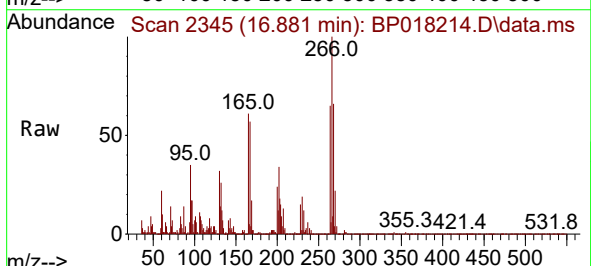
Tgt Ion:266 Resp: 25899

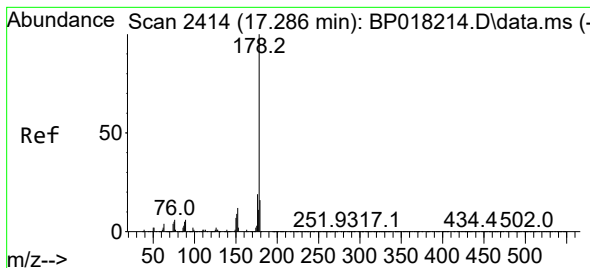
Ion Ratio Lower Upper

266 100

264 65.0 50.7 76.1

268 65.6 52.4 78.6





#72

Phenanthrene

Concen: 19.331 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

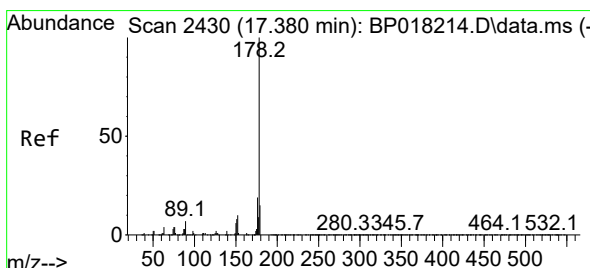
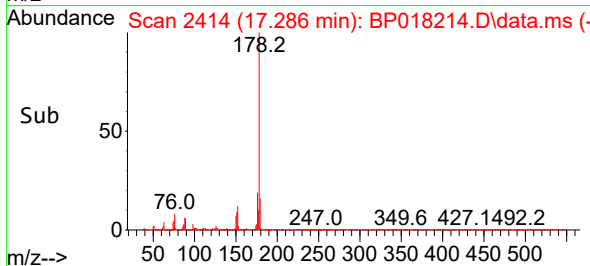
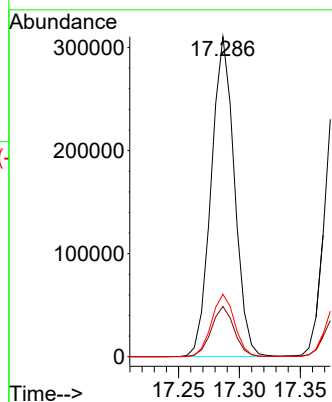
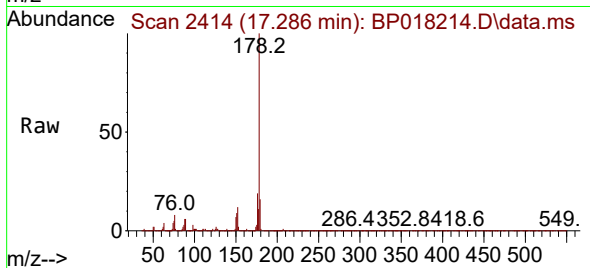
Tgt Ion:178 Resp: 411357

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

176 19.5 15.5 23.3



#74

Anthracene

Concen: 19.333 ng/ul

RT: 17.380 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

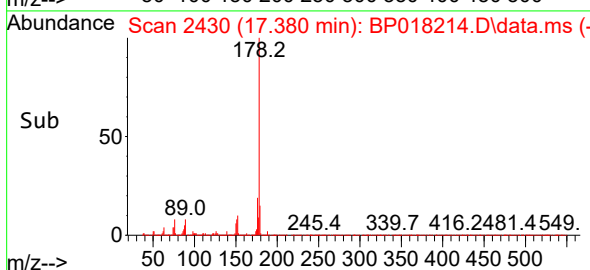
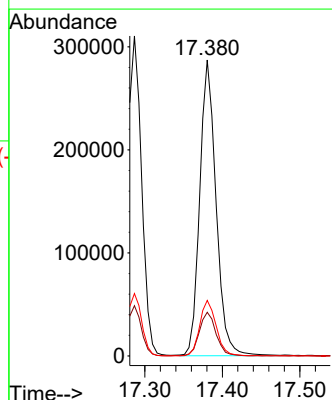
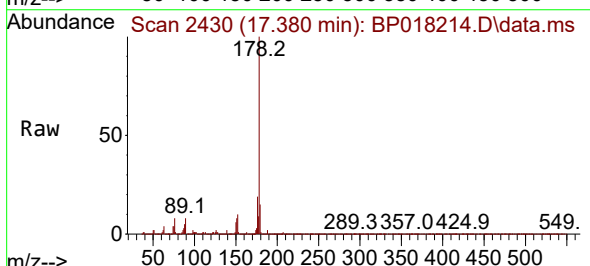
Tgt Ion:178 Resp: 419833

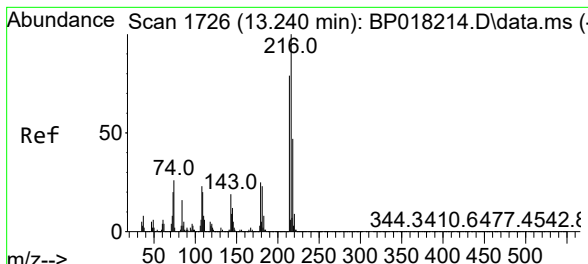
Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

176 18.8 15.4 23.0



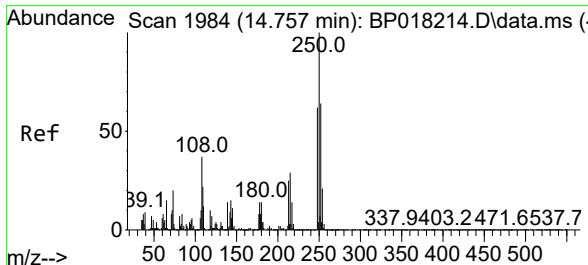
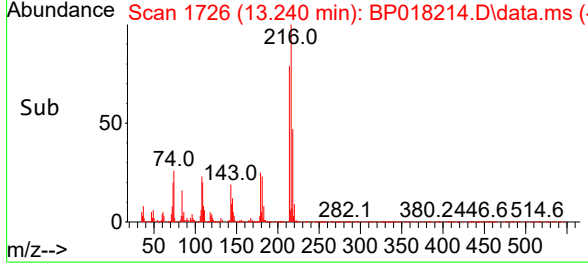
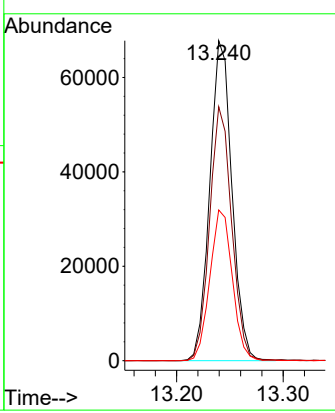
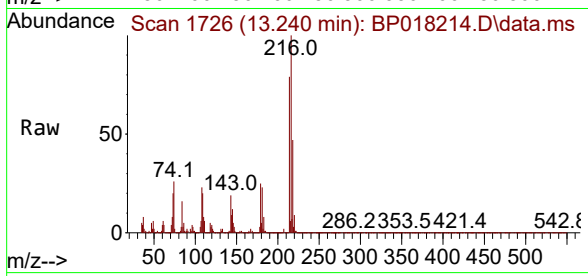


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 18.503 ng/uL
 RT: 13.240 min Scan# 1726
 Delta R.T. -0.006 min
 Lab File: BP018214.D
 Acq: 17 Nov 2023 09:15

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:216 Resp: 97927

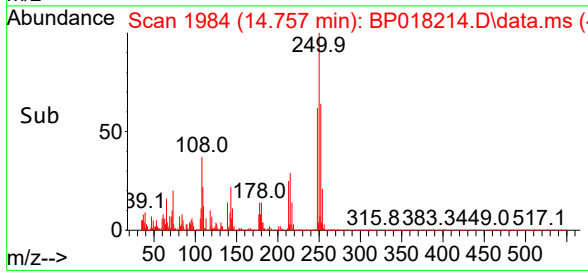
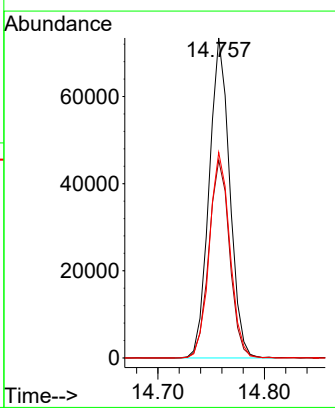
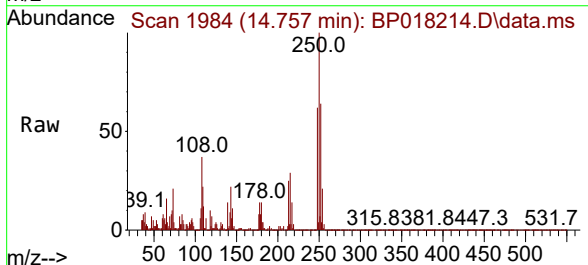
Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.0	96.0
218	47.1	39.0	58.4

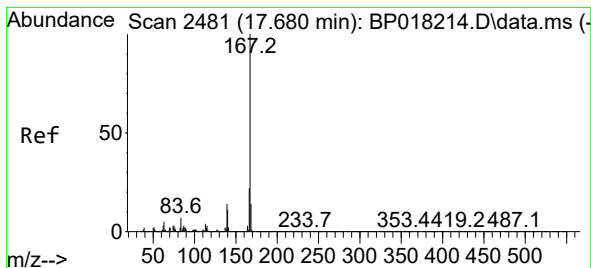


#76
 Pentachlorobenzene
 Concen: 18.936 ng/uL
 RT: 14.757 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: BP018214.D
 Acq: 17 Nov 2023 09:15

Tgt Ion:250 Resp: 98111

Ion	Ratio	Lower	Upper
250	100		
248	61.8	52.7	79.1
252	64.3	52.3	78.5





#77

Carbazole

Concen: 19.506 ng/ul

RT: 17.680 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

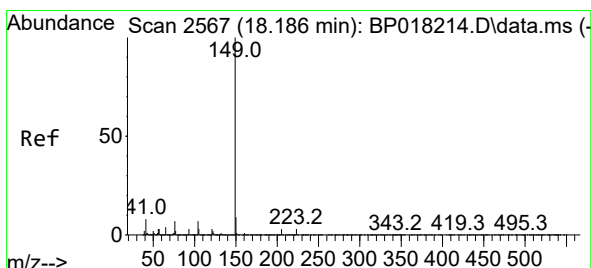
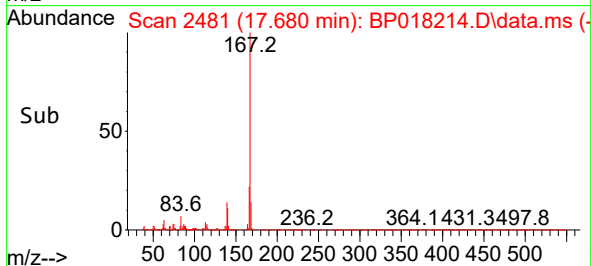
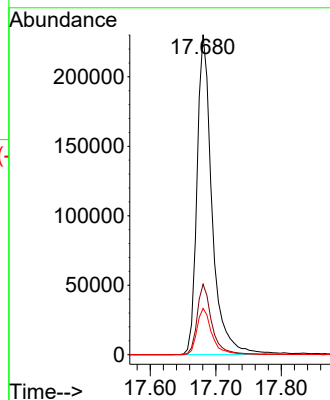
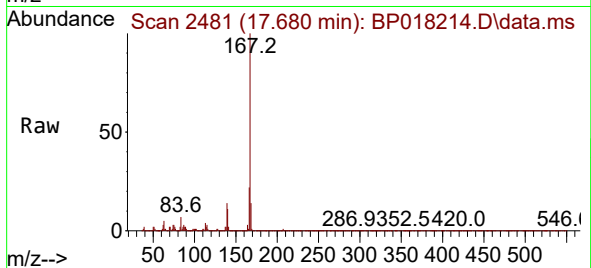
Tgt Ion:167 Resp: 367842

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 14.5 11.4 17.0



#78

Di-n-butylphthalate

Concen: 20.639 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

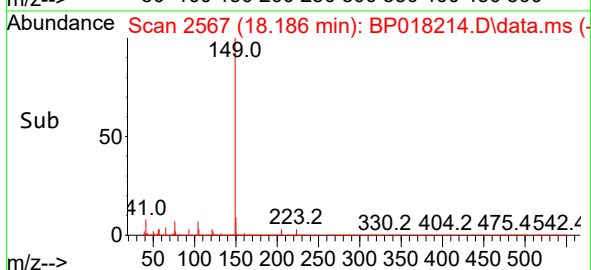
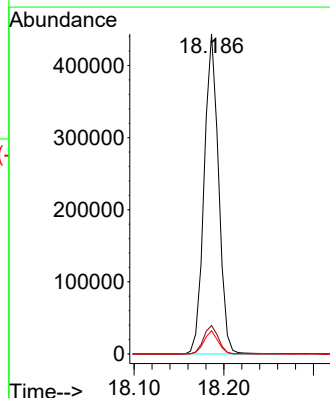
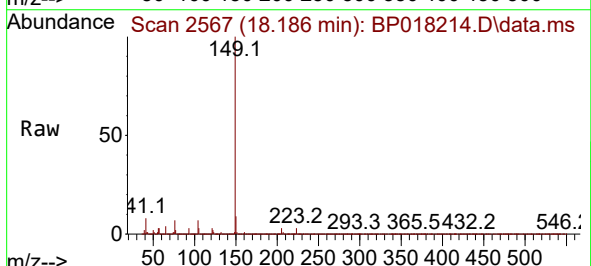
Tgt Ion:149 Resp: 493842

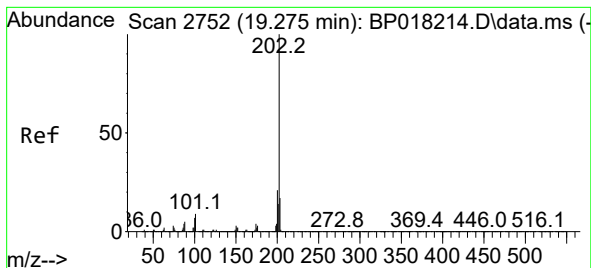
Ion Ratio Lower Upper

149 100

150 8.9 6.7 10.1

104 7.3 5.1 7.7





#80

Fluoranthene

Concen: 18.567 ng/ul

RT: 19.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

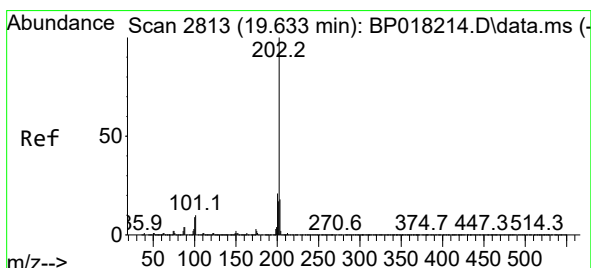
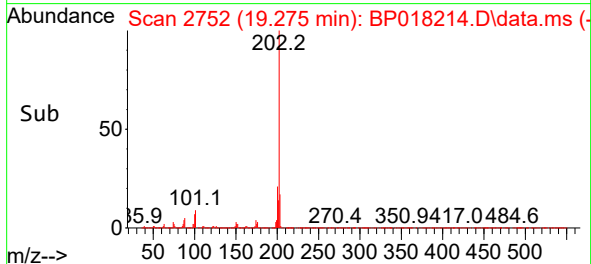
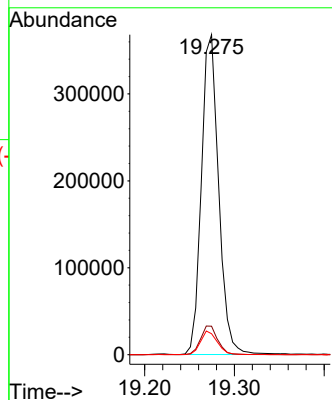
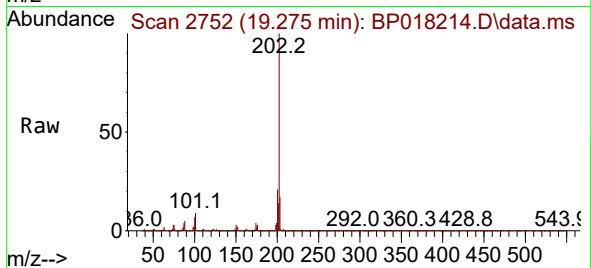
Tgt Ion:202 Resp: 491967

Ion Ratio Lower Upper

202 100

101 8.9 7.2 10.8

100 6.6 5.8 8.6



#82

Pyrene

Concen: 18.613 ng/ul

RT: 19.633 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

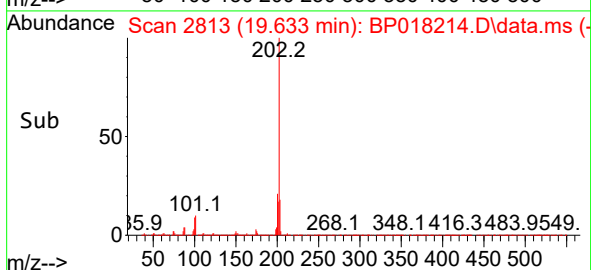
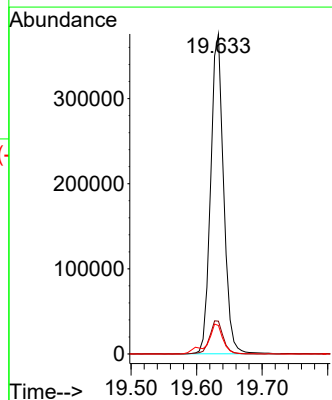
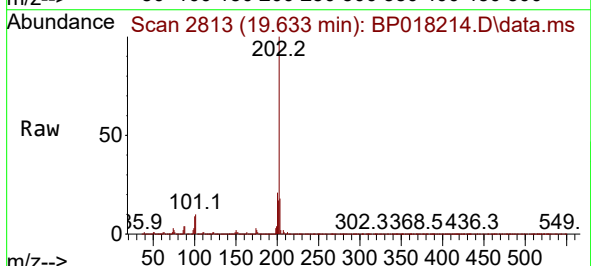
Tgt Ion:202 Resp: 516814

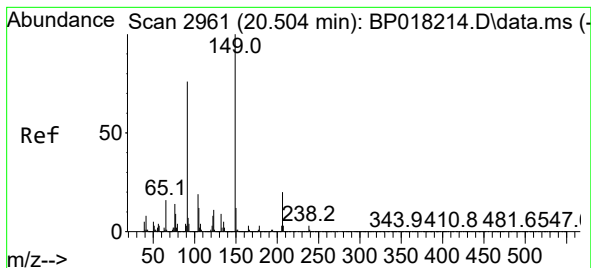
Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 8.9 7.4 11.2





#83

Butylbenzylphthalate

Concen: 19.850 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

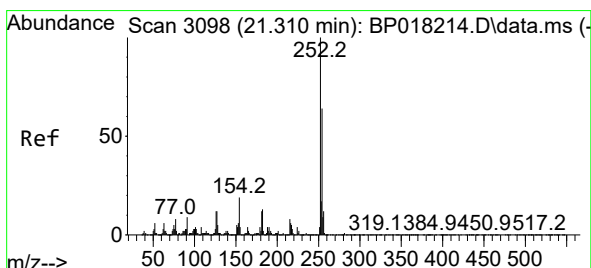
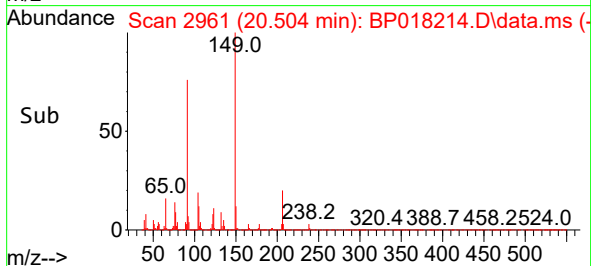
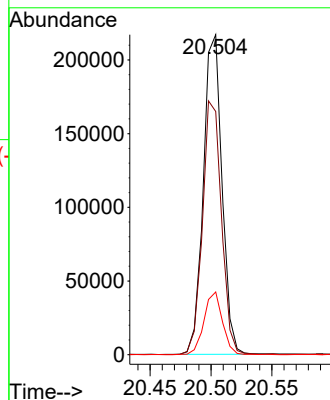
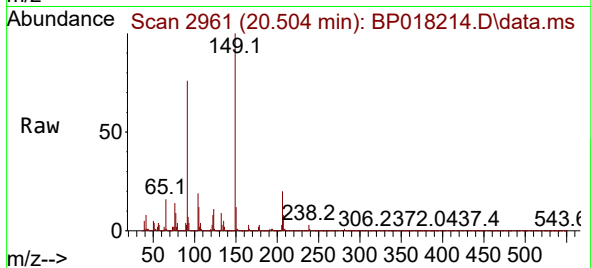
Tgt Ion:149 Resp: 231789

Ion Ratio Lower Upper

149 100

91 76.0 59.6 89.4

206 19.6 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 19.387 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

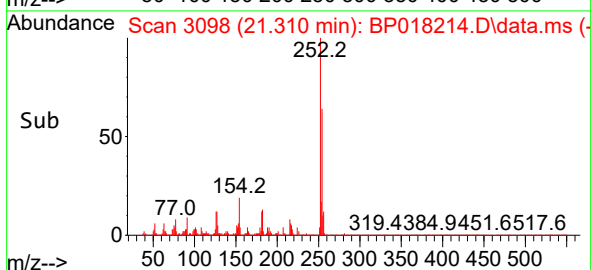
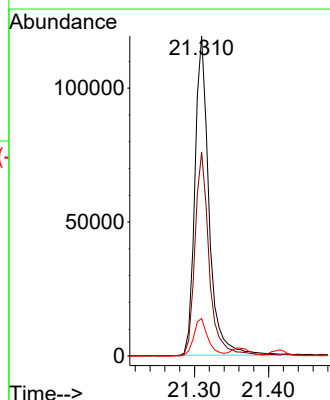
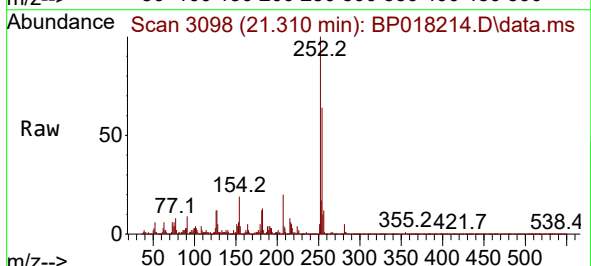
Tgt Ion:252 Resp: 157333

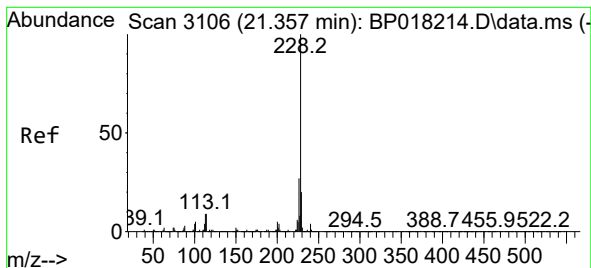
Ion Ratio Lower Upper

252 100

254 63.7 48.9 73.3

126 11.7 9.4 14.0





#85

Benzo(a)anthracene

Concen: 19.069 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

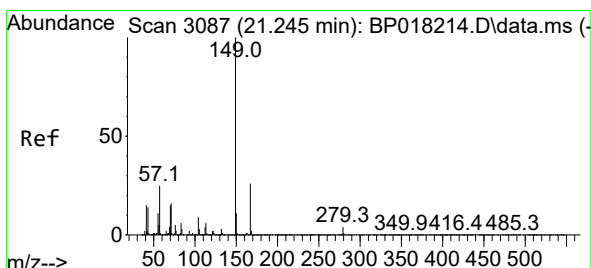
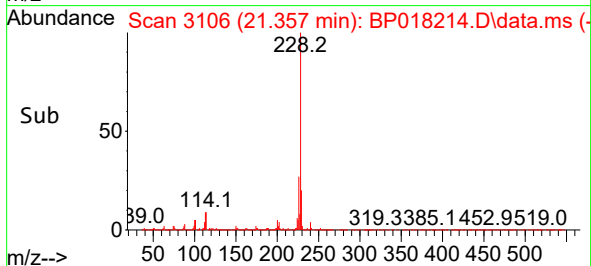
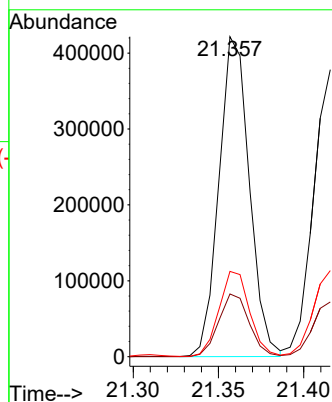
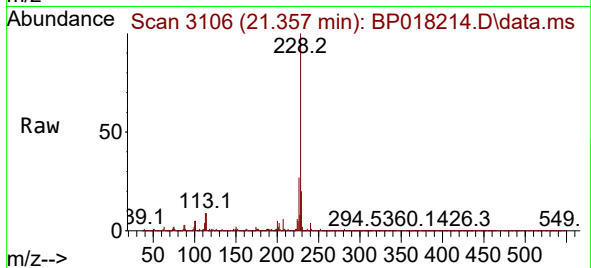
Tgt Ion:228 Resp: 523012

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

226 26.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.835 ng/ul

RT: 21.245 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

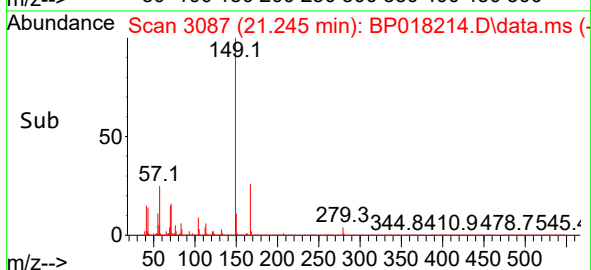
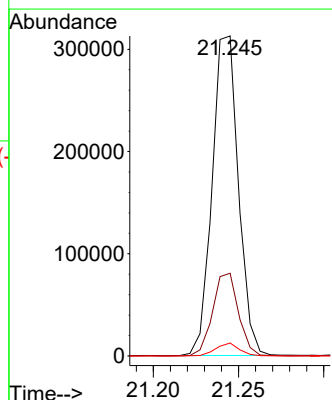
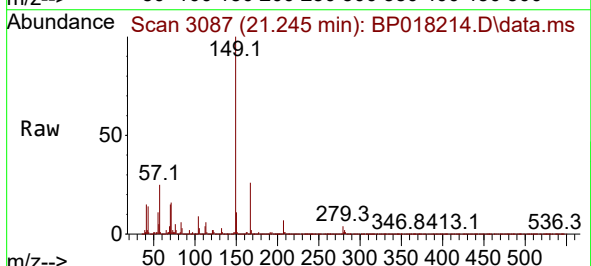
Tgt Ion:149 Resp: 335422

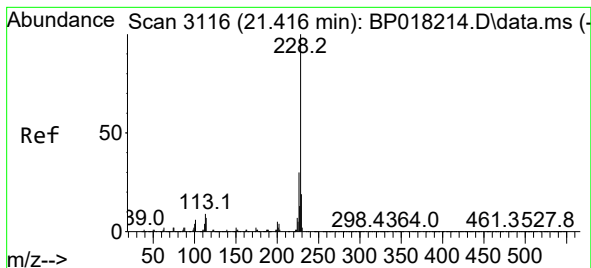
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

279 4.1 3.2 4.8





#87

Chrysene

Concen: 19.030 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

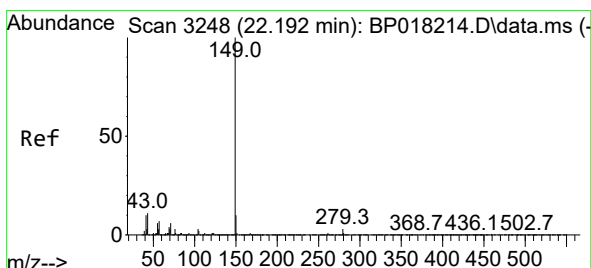
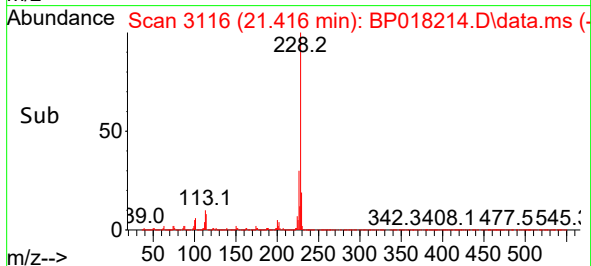
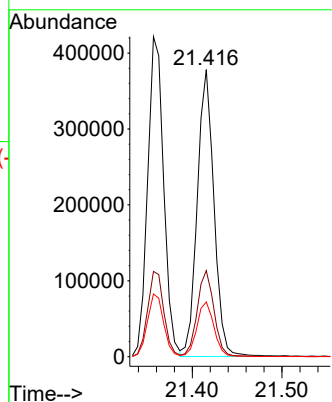
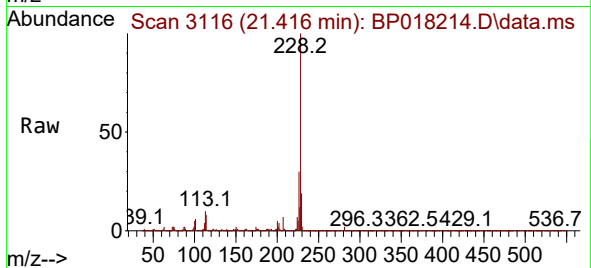
Tgt Ion:228 Resp: 488317

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

229 19.1 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 21.591 ng/ul

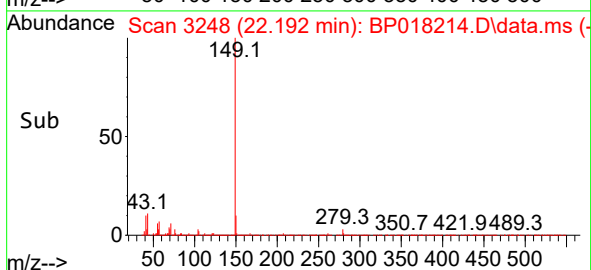
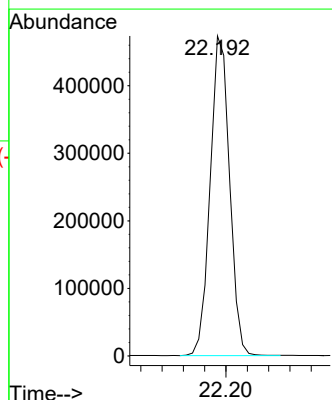
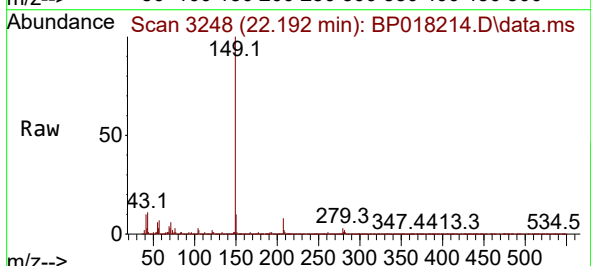
RT: 22.192 min Scan# 3248

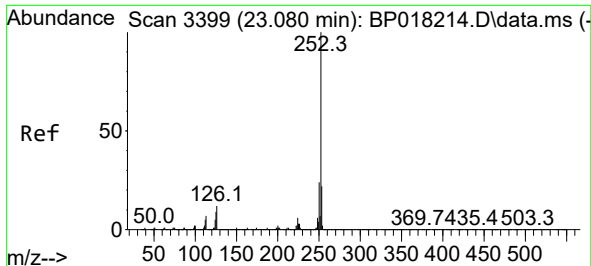
Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Tgt Ion:149 Resp: 596550

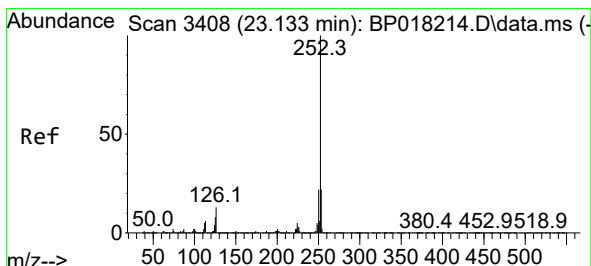
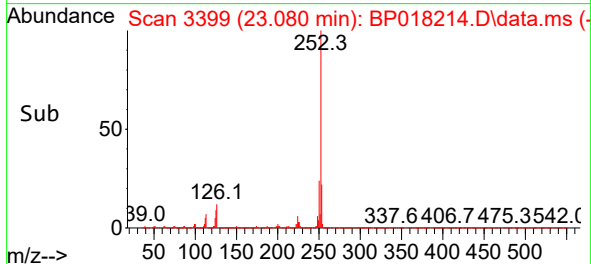
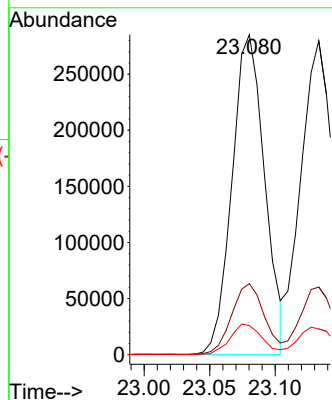
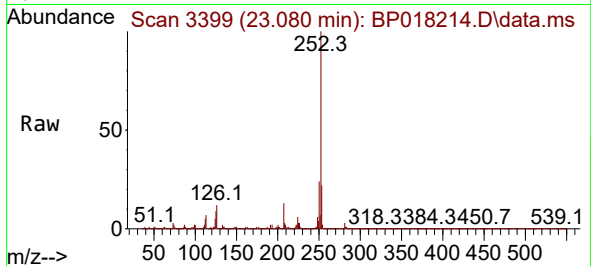




#90
Benzo(b)fluoranthene
Concen: 18.765 ng/ul
RT: 23.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

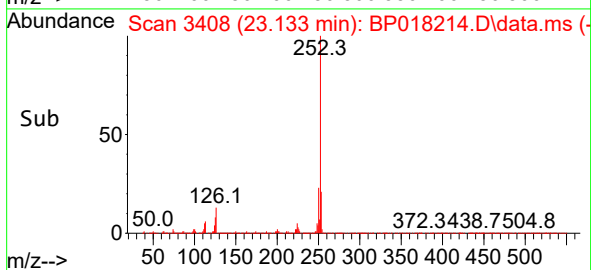
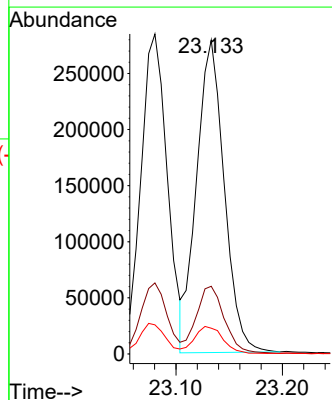
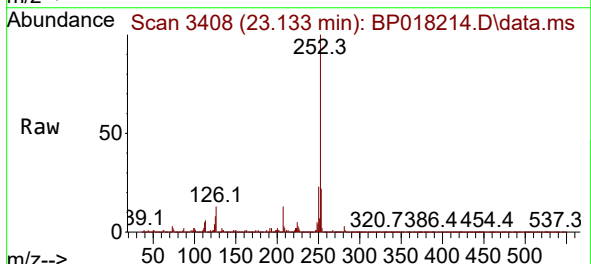
Instrument :
BNA_P
ClientSampleId :

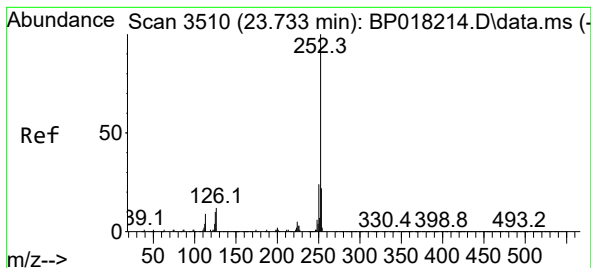
Tgt Ion:252 Resp: 493378
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.1 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 18.973 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. 0.000 min
Lab File: BP018214.D
Acq: 17 Nov 2023 09:15

Tgt Ion:252 Resp: 501903
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.2 6.8 10.2





#93

Benzo(a)pyrene

Concen: 18.780 ng/ul

RT: 23.733 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

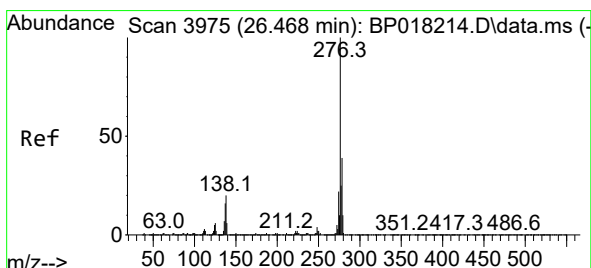
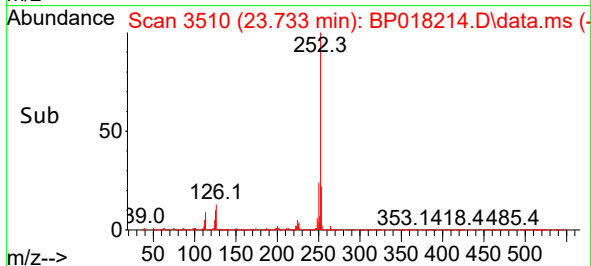
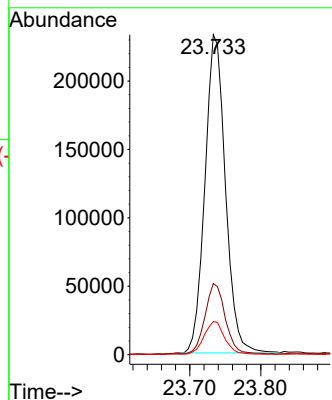
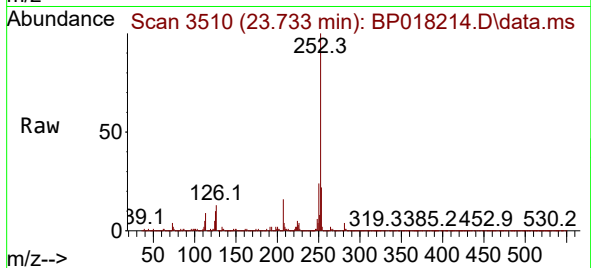
Tgt Ion:252 Resp: 466305

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.4 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.269 ng/ul

RT: 26.468 min Scan# 3975

Delta R.T. 0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

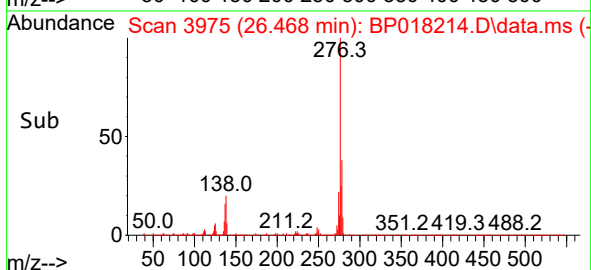
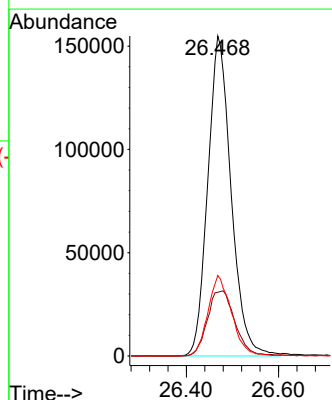
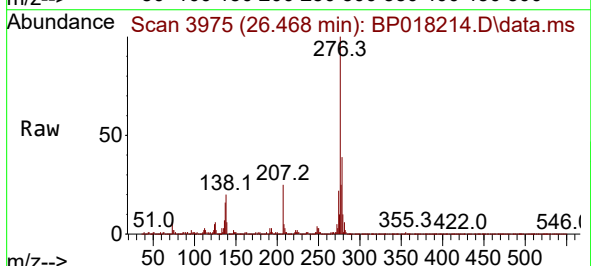
Tgt Ion:276 Resp: 544064

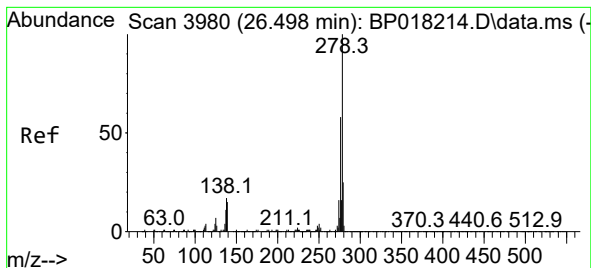
Ion Ratio Lower Upper

276 100

138 19.9 15.6 23.4

277 25.2 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 18.453 ng/ul

RT: 26.498 min Scan# 3980

Delta R.T. 0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Instrument :

BNA_P

ClientSampleId :

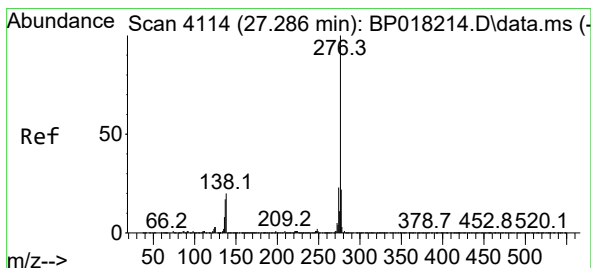
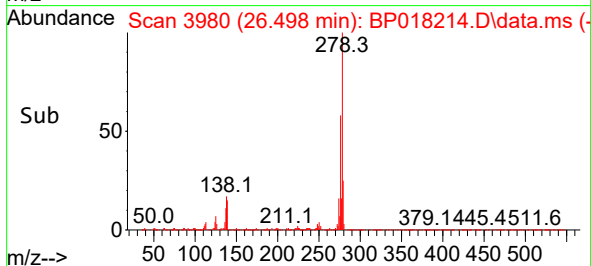
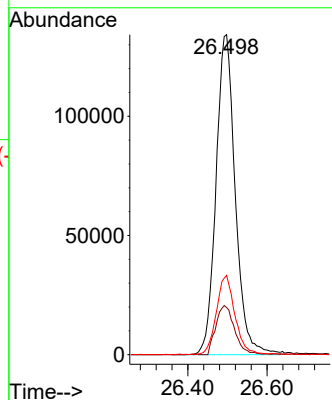
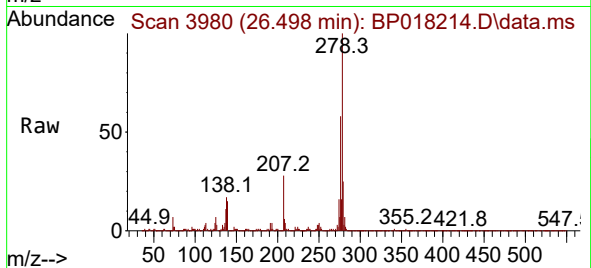
Tgt Ion:278 Resp: 452481

Ion Ratio Lower Upper

278 100

139 14.8 11.1 16.7

279 24.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 18.227 ng/ul

RT: 27.286 min Scan# 4114

Delta R.T. 0.006 min

Lab File: BP018214.D

Acq: 17 Nov 2023 09:15

Tgt Ion:276 Resp: 434151

Ion Ratio Lower Upper

276 100

138 20.1 13.8 20.6

277 21.8 20.2 30.2

