

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP010995.D
 Acq On : 18 Jul 2022 16:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020701

Quant Time: Jul 19 00:45:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	376451	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1579913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	895776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1797534	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1763592	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	1848541	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	75812	7.260	ng/uL	0.00
4) Pyridine-d5	3.587	84	472491	17.506	ng/ul	0.00
7) Phenol-d5	6.858	99	516567	16.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	353876	17.809	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	445610	17.846	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	417857	16.891	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	199984	17.369	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	189196	16.607	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	359552	17.257	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	571902	16.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1084535	17.714	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1303780	18.049	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	196519	15.860	ng/ul	0.00
60) Fluorene-d10	15.345	176	923844	17.753	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	136138	15.305	ng/ul	0.00
73) Anthracene-d10	17.210	188	1368960	17.914	ng/ul	0.00
81) Pyrene-d10	19.469	212	1573548	16.989	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1569264	17.675	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	79048	7.215	ng/uL#	84
5) Pyridine	3.605	79	494919	17.793	ng/ul#	78
6) Benzaldehyde	6.828	77	327940	21.848	ng/ul	98
8) Phenol	6.887	94	556720	16.949	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.116	93	462092	17.726	ng/ul	91
12) 2-Chlorophenol	7.246	128	464719	18.005	ng/ul	92
13) 2-Methylphenol	8.134	108	410952	16.918	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	647912	18.172	ng/ul#	98
16) Acetophenone	8.510	105	665345	17.766	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.499	70	335880	17.875	ng/ul	91
18) 4-Methylphenol	8.463	108	441317	17.016	ng/ul	99
19) Hexachloroethane	8.752	117	186271	18.237	ng/ul#	77
22) Nitrobenzene	8.887	77	489157	18.066	ng/ul	93
23) Isophorone	9.416	82	887425	17.512	ng/ul	98
25) 2-Nitrophenol	9.593	139	218366	17.076	ng/ul#	84
26) 2,4-Dimethylphenol	9.663	107	479203	17.720	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.904	93	580031	17.296	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	372740	17.284	ng/ul	99
30) Naphthalene	10.528	128	1451365	18.027	ng/ul	100
32) 4-Chloroaniline	10.646	127	579679	17.062	ng/ul	98
33) Hexachlorobutadiene	10.810	225	221362	17.634	ng/ul	96
34) Caprolactam	11.434	113	150861	19.961	ng/ul	91
35) 4-Chloro-3-methylphenol	11.781	107	412745	16.936	ng/ul	95
36) 2-Methylnaphthalene	12.146	142	920894	17.644	ng/ul	100

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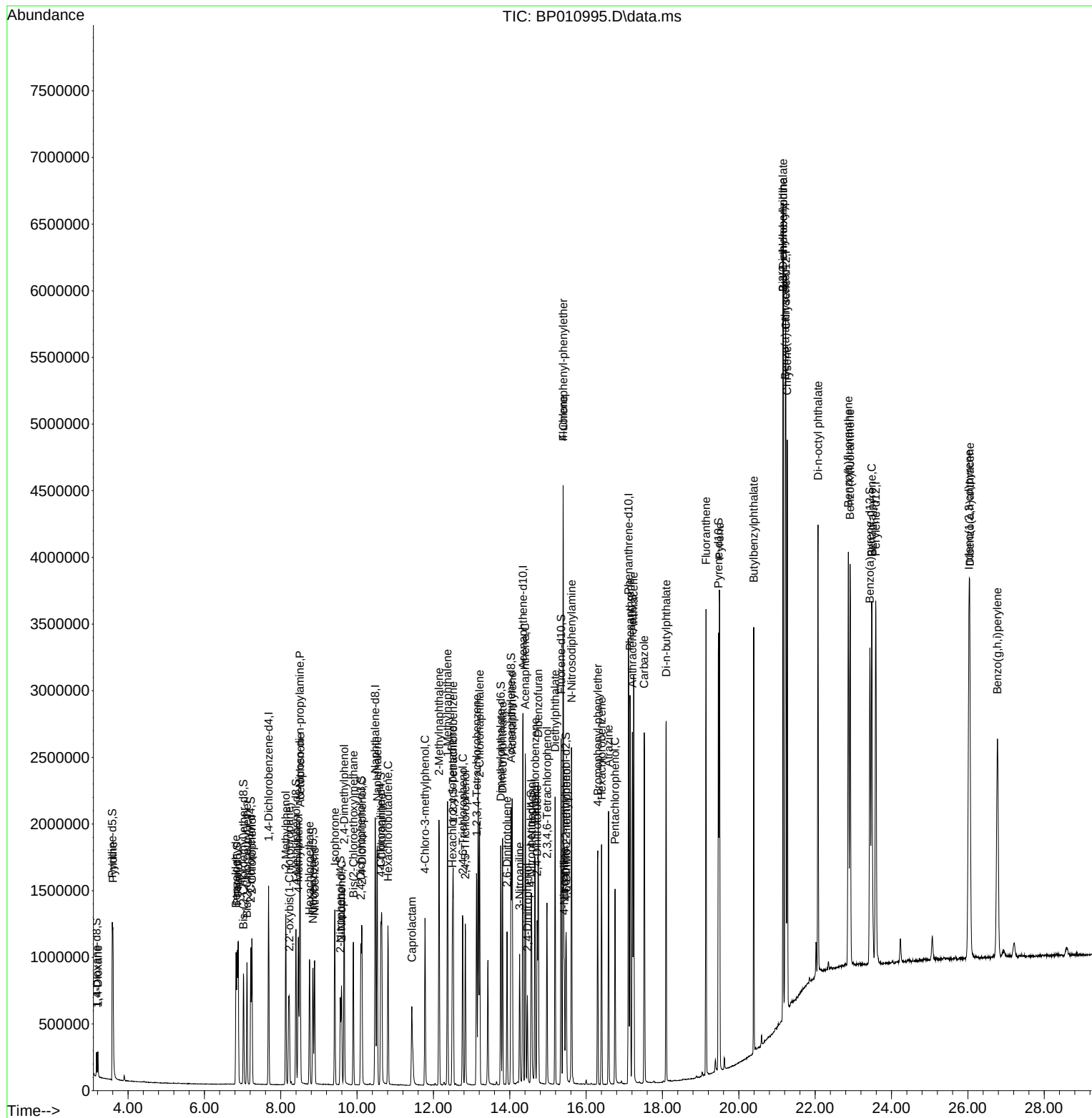
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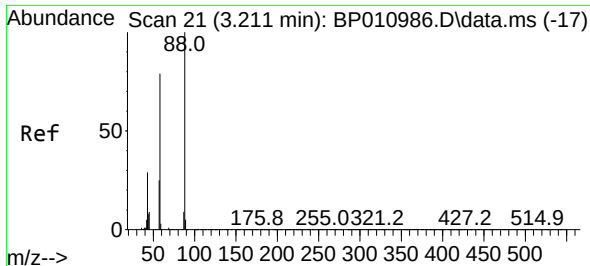
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	925223	17.685	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	412990	17.481	ng/ul#	98
40) Hexachlorocyclopentadiene	12.498	237	248034	16.950	ng/ul	95
41) 2,4,6-Trichlorophenol	12.769	196	257542	16.553	ng/ul	97
42) 2,4,5-Trichlorophenol	12.834	196	284834	17.130	ng/ul	97
44) 2-Chloronaphthalene	13.210	162	892216	17.772	ng/ul	99
47) Dimethylphthalate	13.810	163	1081969	17.514	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	192146	17.180	ng/ul	98
50) Acenaphthylene	14.063	152	1473382	18.178	ng/ul	98
51) 3-Nitroaniline	14.257	138	222873	16.586	ng/ul	94
52) Acenaphthene	14.404	153	946701	17.631	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	113837	17.397	ng/ul	89
55) 4-Nitrophenol	14.569	109	181426	19.124	ng/ul#	76
56) Dibenzofuran	14.745	168	1324652	17.878	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	285470	17.894	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.975	232	219514	16.858	ng/ul#	86
59) Diethylphthalate	15.187	149	1097606	17.301	ng/ul	98
61) Fluorene	15.398	166	1054807	17.740	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	484433	17.697	ng/ul	94
63) 4-Nitroaniline	15.428	138	221548	17.940	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.481	198	141194	15.473	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	901723	17.561	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	279525	17.242	ng/ul	98
69) Hexachlorobenzene	16.404	284	326446	17.350	ng/ul#	92
70) Atrazine	16.586	200	305571	17.203	ng/ul	97
71) Pentachlorophenol	16.757	266	204874	17.680	ng/ul	99
72) Phenanthrene	17.151	178	1655008	17.672	ng/ul	99
74) Anthracene	17.245	178	1682017	18.056	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	430177	16.717	ng/uL	98
76) Pentachlorobenzene	14.663	250	393404	17.440	ng/uL	99
77) Carbazole	17.522	167	1559041	17.881	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1810436	16.612	ng/ul	99
80) Fluoranthene	19.139	202	1917081	17.697	ng/ul#	87
82) Pyrene	19.498	202	1980479	17.719	ng/ul#	86
83) Butylbenzylphthalate	20.392	149	812846	16.302	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	570326	18.264	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	1911246	17.795	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	1235036	16.601	ng/ul#	95
87) Chrysene	21.269	228	1877786	17.806	ng/ul	100
89) Di-n-octyl phthalate	22.074	149	2072227	16.715	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	1998290	17.507	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	1911486	17.829	ng/ul#	93
93) Benzo(a)pyrene	23.480	252	1947337	17.765	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.027	276	2272593	17.840	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.051	278	1957571	17.759	ng/ul#	90
96) Benzo(g,h,i)perylene	26.774	276	1943903	17.917	ng/ul#	86

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

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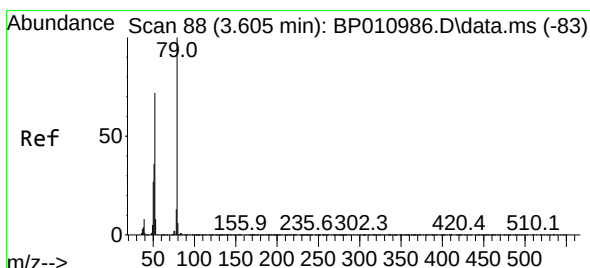
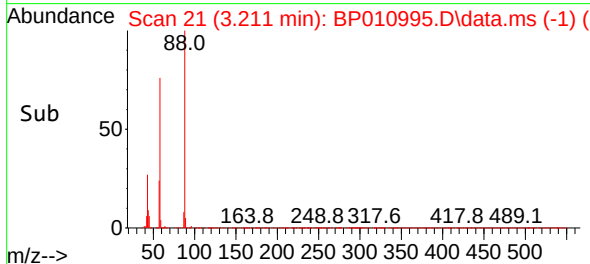
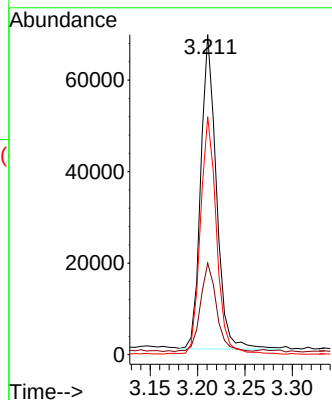
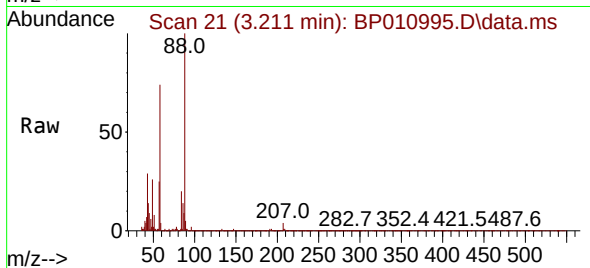




#2
1,4-Dioxane
Concen: 7.215 ng/uL
RT: 3.211 min Scan# 21
Delta R.T. -0.005 min
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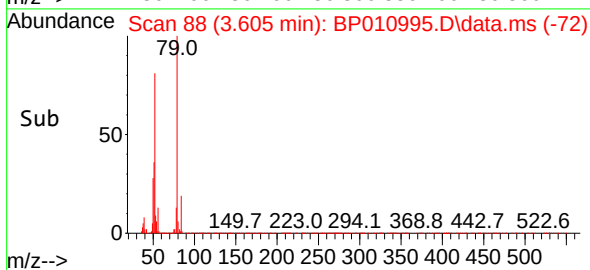
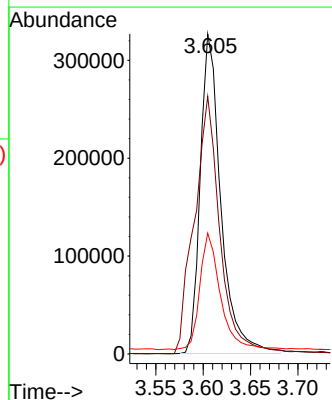
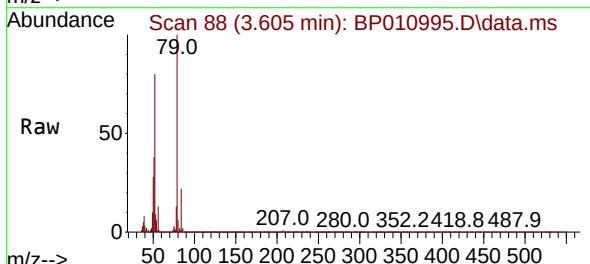
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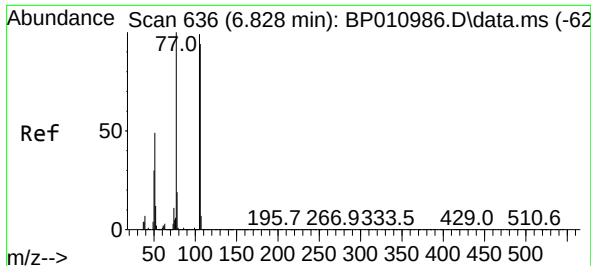
Tgt Ion: 88 Resp: 79048
Ion Ratio Lower Upper
88 100
43 28.6 35.8 53.6#
58 74.4 68.1 102.1



#5
Pyridine
Concen: 17.793 ng/uL
RT: 3.605 min Scan# 88
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion: 79 Resp: 494919
Ion Ratio Lower Upper
79 100
52 80.5 83.8 125.8#
51 37.7 41.0 61.4#

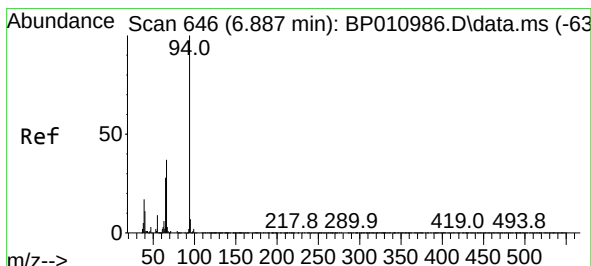
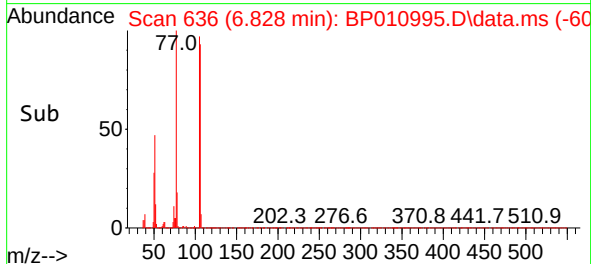
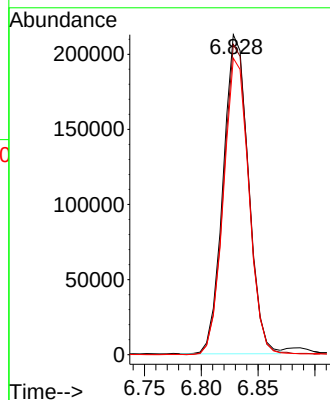
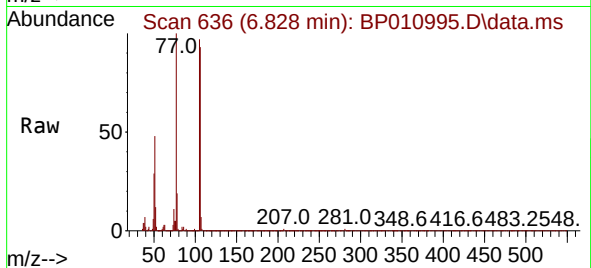




#6
Benzaldehyde
Concen: 21.848 ng/ul
RT: 6.828 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

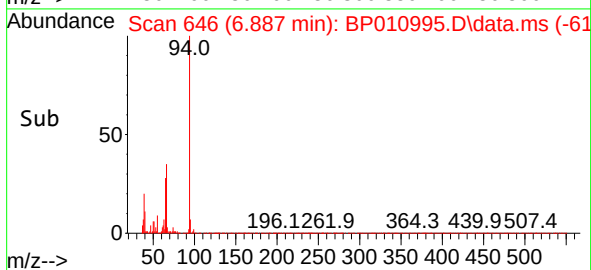
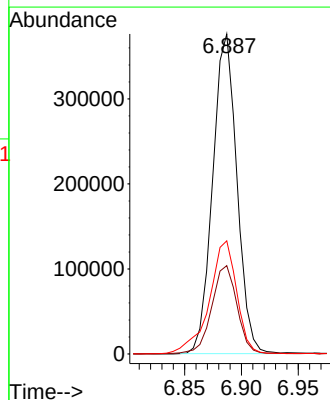
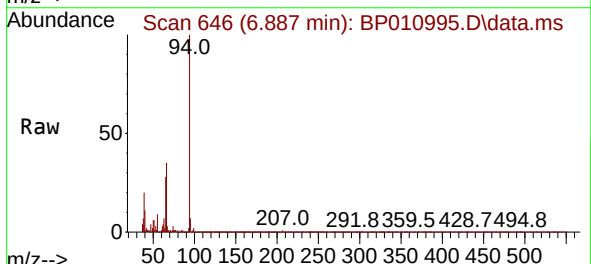
Instrument :
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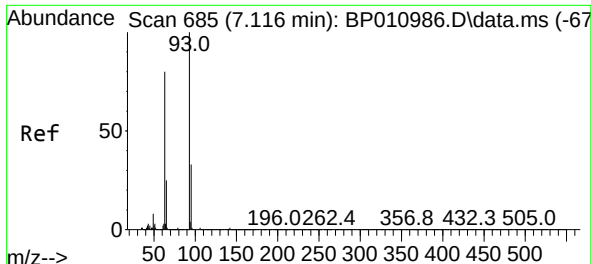
Tgt Ion: 77 Resp: 327940
Ion Ratio Lower Upper
77 100
105 96.9 76.0 114.0
106 92.7 73.2 109.8



#8
Phenol
Concen: 16.949 ng/ul
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion: 94 Resp: 556720
Ion Ratio Lower Upper
94 100
65 27.6 27.4 41.2
66 35.4 37.4 56.2#

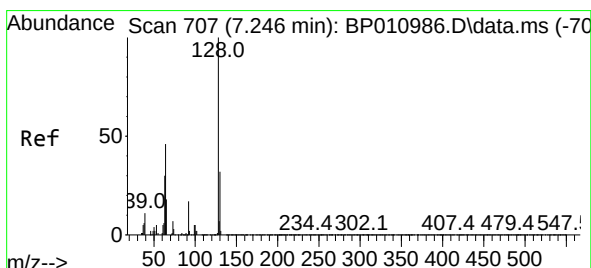
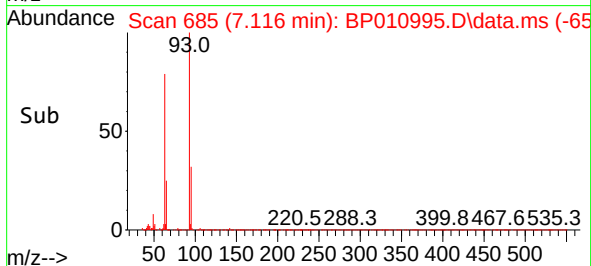
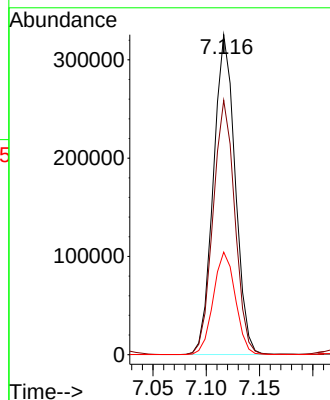
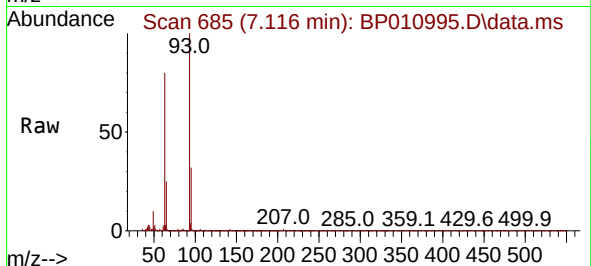




#10
Bis(2-Chloroethyl)ether
Concen: 17.726 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

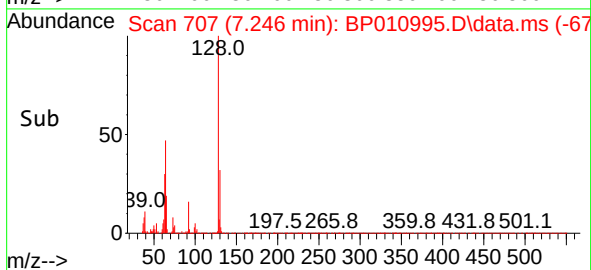
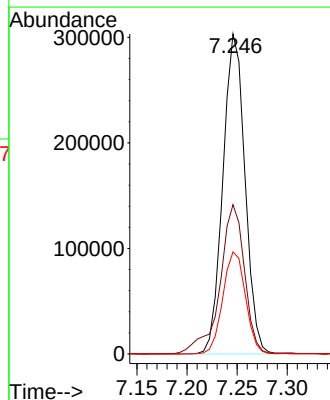
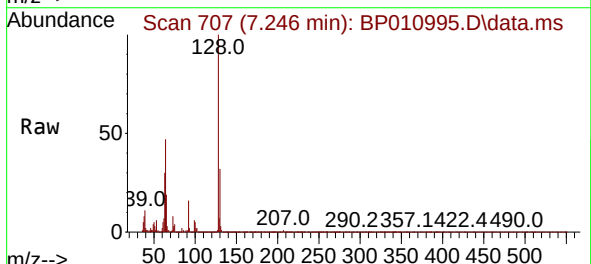
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ClientSampleId :
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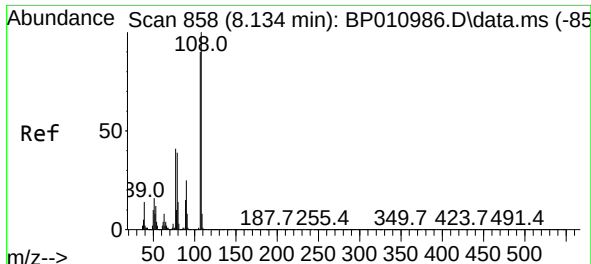
Tgt Ion: 93 Resp: 462092
Ion Ratio Lower Upper
93 100
63 79.5 72.4 108.6
95 32.1 27.3 40.9



#12
2-Chlorophenol
Concen: 18.005 ng/ul
RT: 7.246 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion: 128 Resp: 464719
Ion Ratio Lower Upper
128 100
64 46.7 44.8 67.2
130 31.9 25.8 38.6

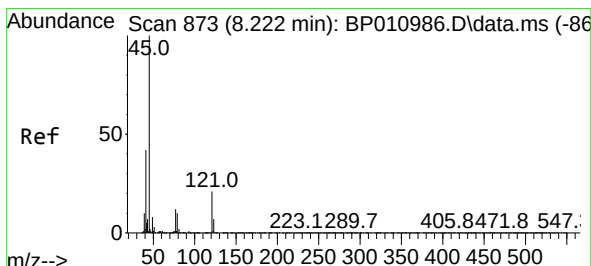
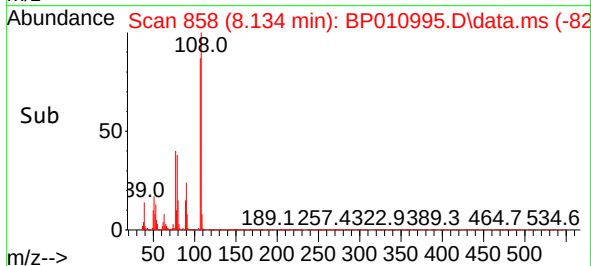
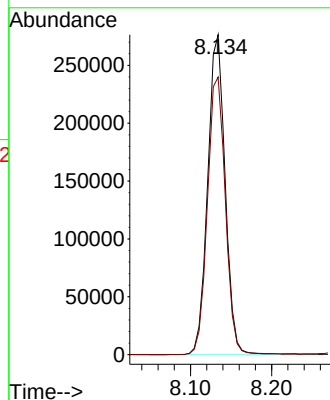
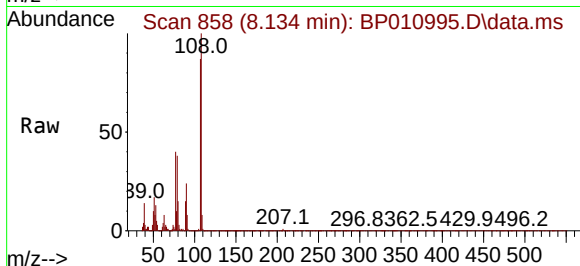




#13
2-Methylphenol
Concen: 16.918 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

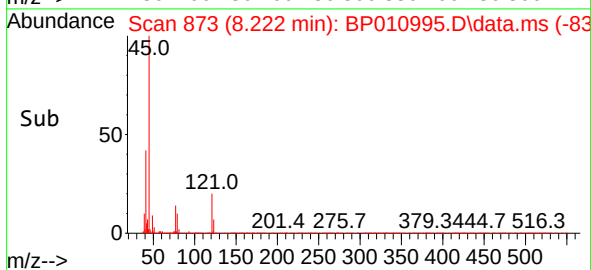
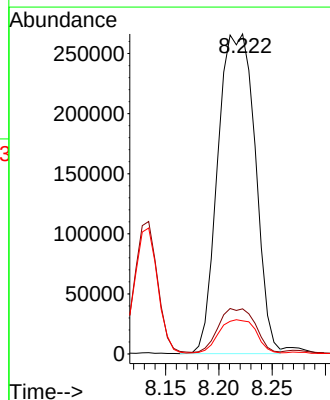
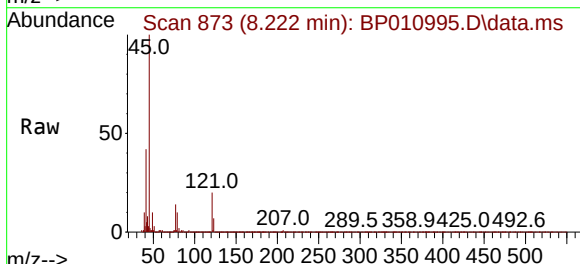
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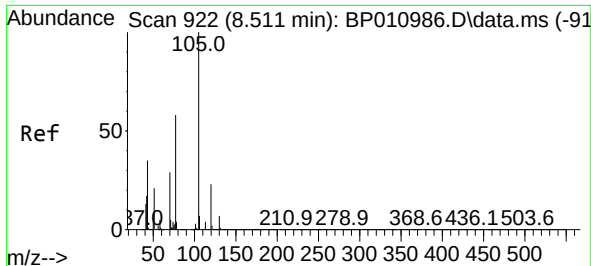
Tgt Ion:108 Resp: 410952
Ion Ratio Lower Upper
108 100
107 86.7 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.172 ng/ul
RT: 8.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion: 45 Resp: 647912
Ion Ratio Lower Upper
45 100
77 14.1 11.2 16.8
79 10.4 6.9 10.3#

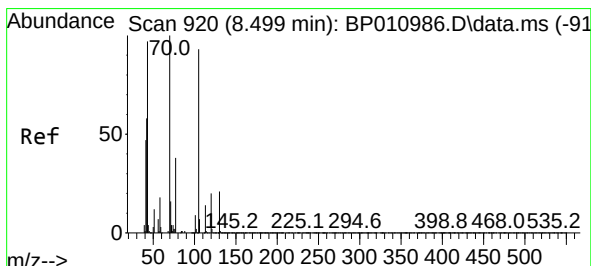
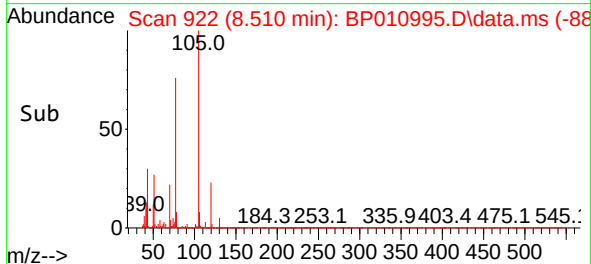
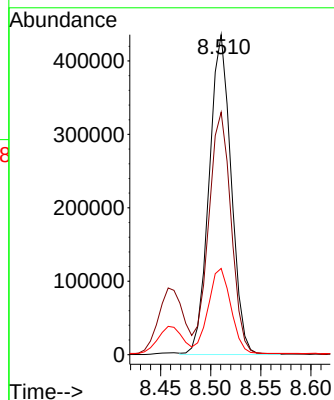
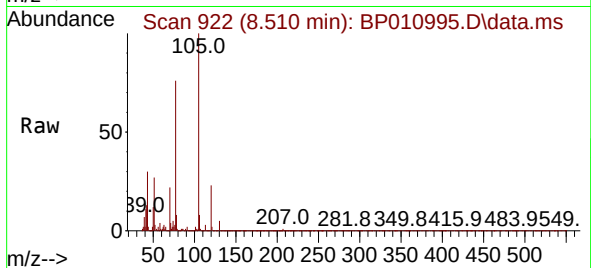




#16
Acetophenone
Concen: 17.766 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP010995.D
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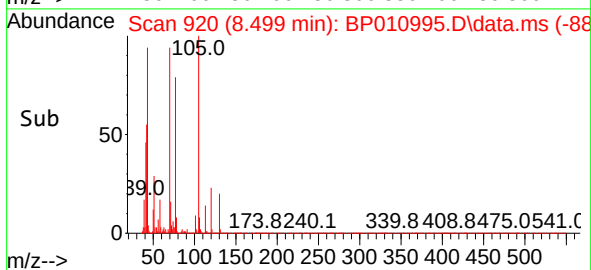
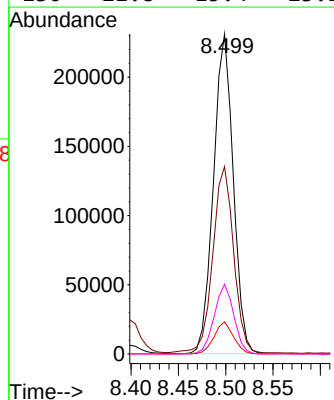
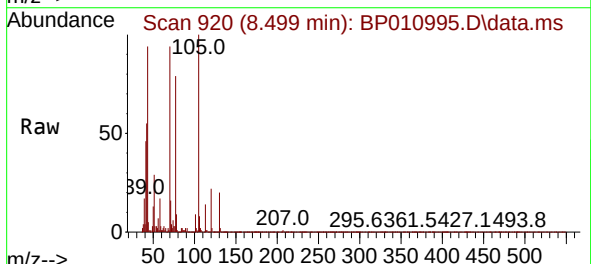
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ClientSampleId :
SSTD020701

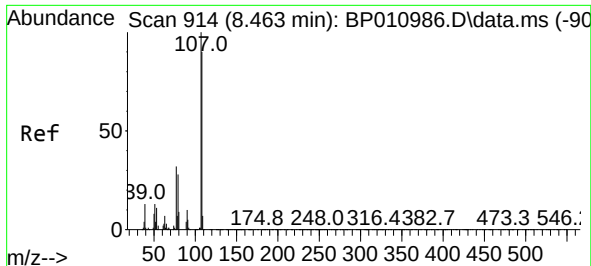
Tgt Ion:105 Resp: 665345
Ion Ratio Lower Upper
105 100
77 75.7 67.5 101.3
51 27.0 29.6 44.4#



#17
N-Nitroso-di-n-propylamine
Concen: 17.875 ng/ul
RT: 8.499 min Scan# 920
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion: 70 Resp: 335880
Ion Ratio Lower Upper
70 100
42 58.5 53.8 80.8
101 10.0 7.8 11.6
130 21.8 15.4 23.2

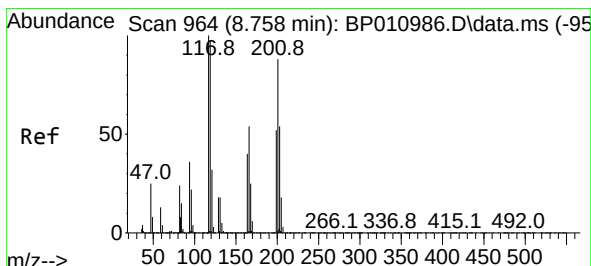
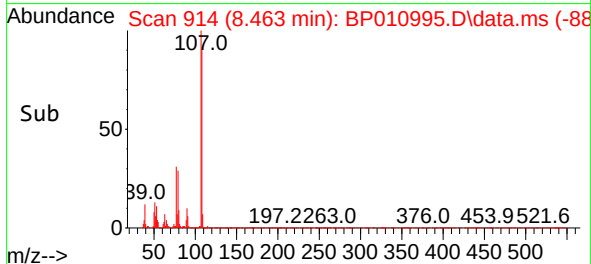
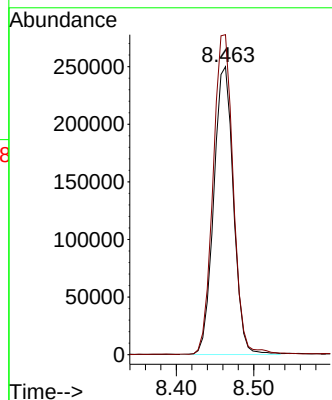
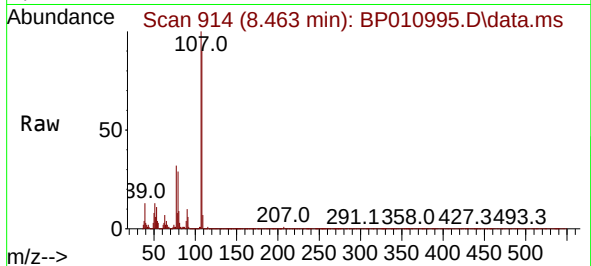




#18
4-Methylphenol
Concen: 17.016 ng/ul
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

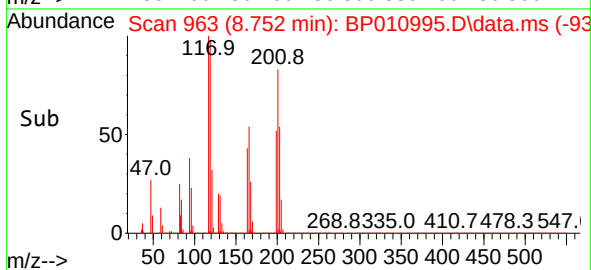
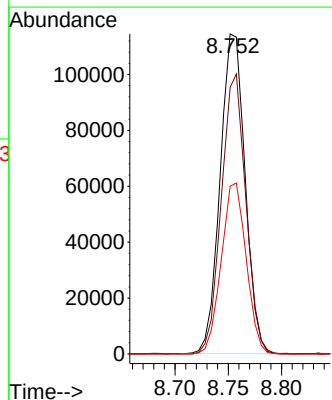
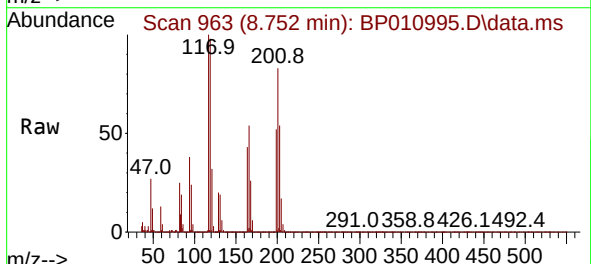
Instrument :
BNA_P
ClientSampleId :
SSTD020701

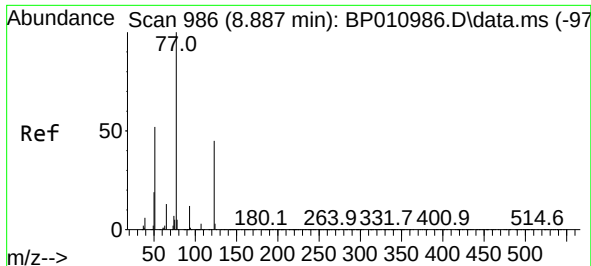
Tgt Ion:108 Resp: 441317
Ion Ratio Lower Upper
108 100
107 111.1 88.3 132.5



#19
Hexachloroethane
Concen: 18.237 ng/ul
RT: 8.752 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:117 Resp: 186271
Ion Ratio Lower Upper
117 100
201 83.2 85.7 128.5#
199 52.4 57.4 86.0#

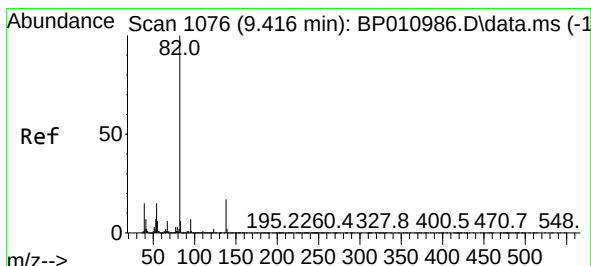
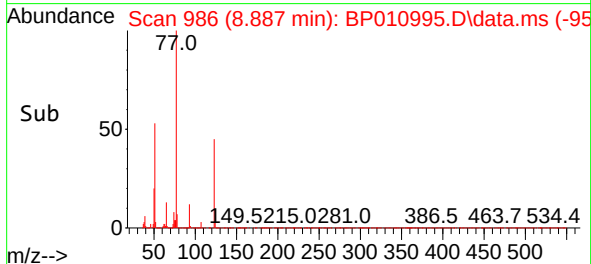
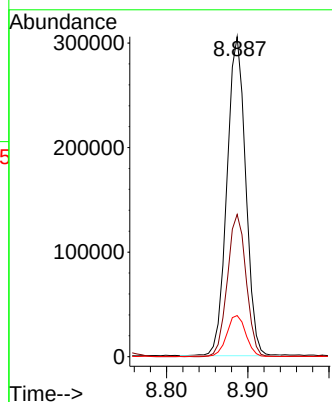
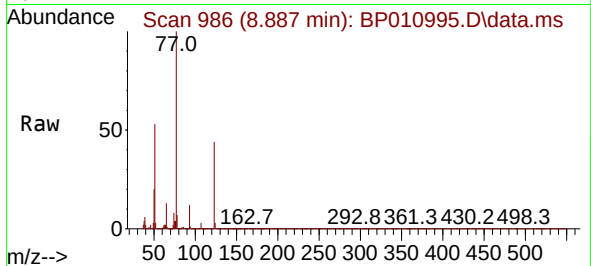




#22
Nitrobenzene
Concen: 18.066 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

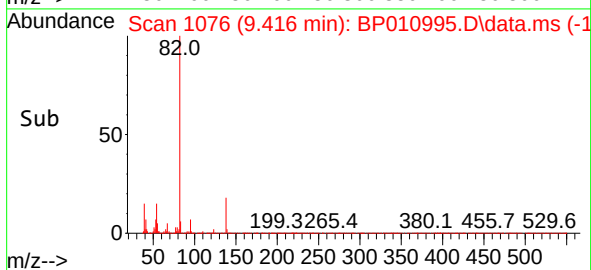
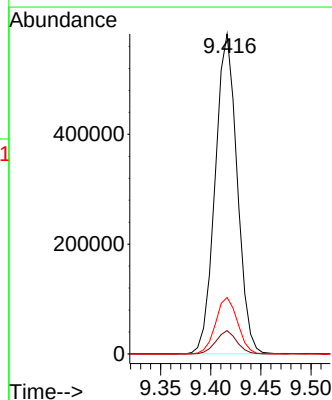
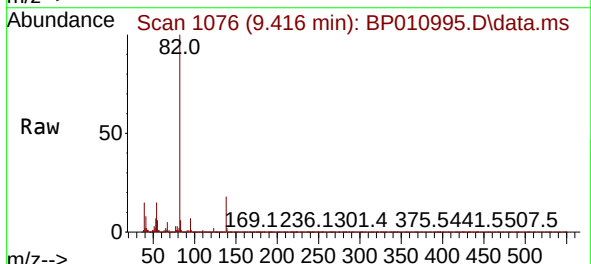
Instrument :
BNA_P
ClientSampleId :
SSTD020701

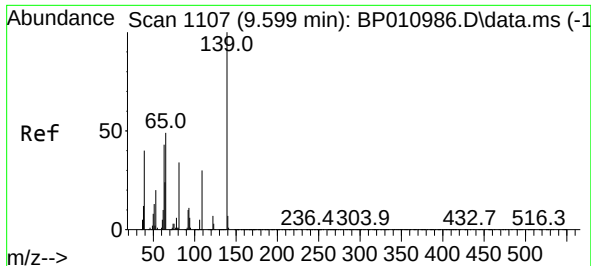
Tgt Ion: 77 Resp: 489157
Ion Ratio Lower Upper
77 100
123 44.5 31.5 47.3
65 12.9 11.4 17.2



#23
Isophorone
Concen: 17.512 ng/ul
RT: 9.416 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion: 82 Resp: 887425
Ion Ratio Lower Upper
82 100
95 7.3 6.6 10.0
138 17.7 13.8 20.6

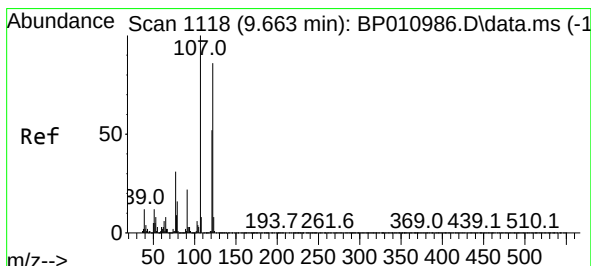
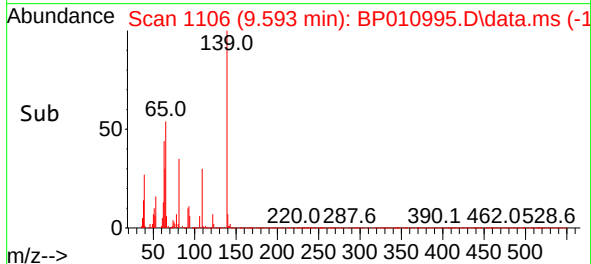
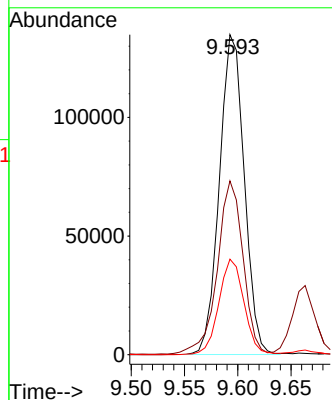
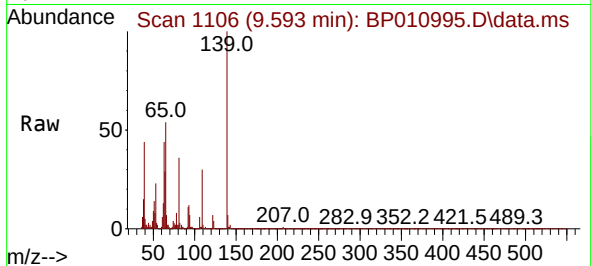




#25
2-Nitrophenol
Concen: 17.076 ng/ul
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

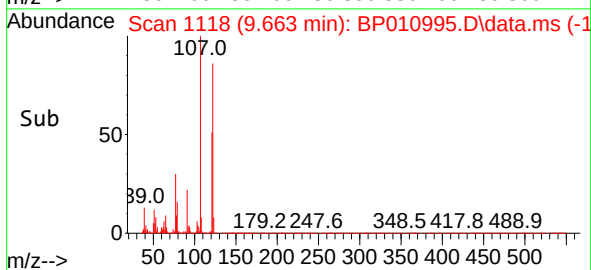
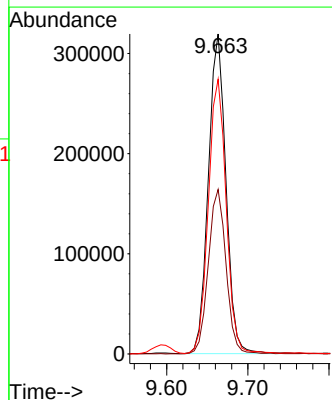
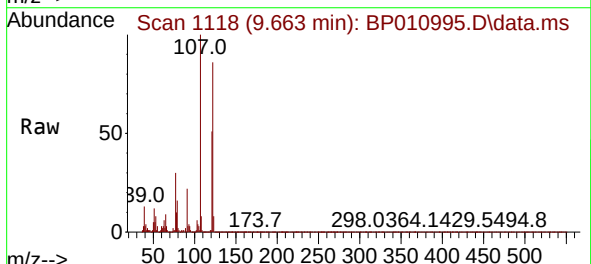
Instrument :
BNA_P
ClientSampleId :
SSTD020701

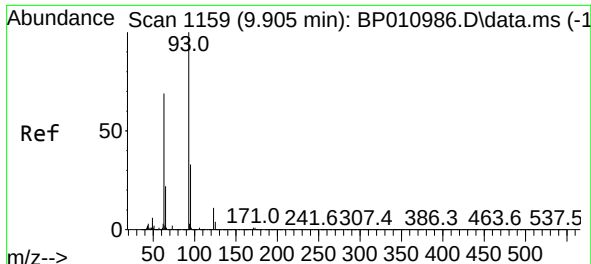
Tgt Ion:139 Resp: 218366
Ion Ratio Lower Upper
139 100
65 54.3 54.2 81.4
109 29.8 30.6 45.8#



#26
2,4-Dimethylphenol
Concen: 17.720 ng/ul
RT: 9.663 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:107 Resp: 479203
Ion Ratio Lower Upper
107 100
121 51.4 39.1 58.7
122 85.8 66.1 99.1





#27

Bis(2-Chloroethoxy)methane

Concen: 17.296 ng/ul

RT: 9.904 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

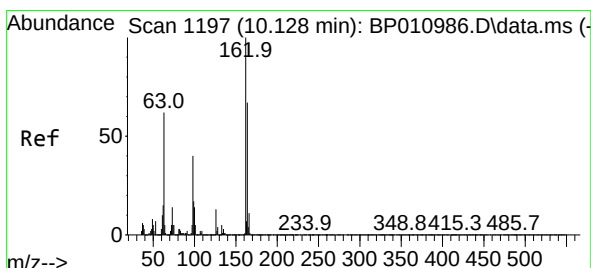
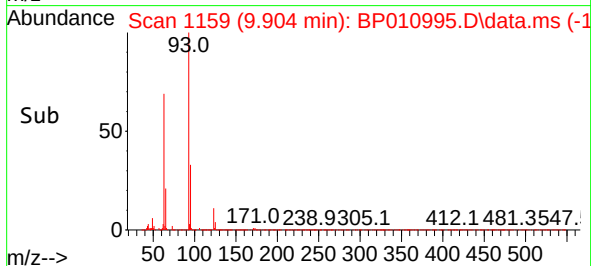
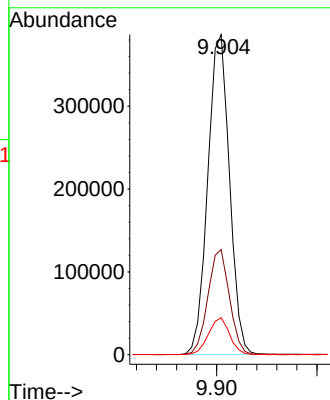
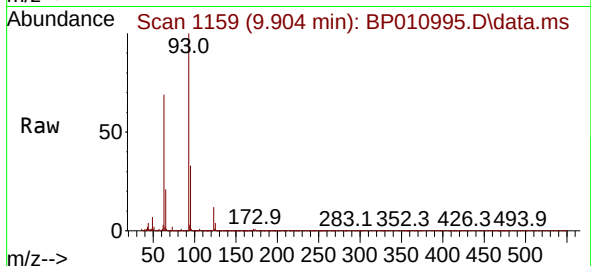
Tgt Ion: 93 Resp: 580031

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

123 11.5 7.8 11.8



#29

2,4-Dichlorophenol

Concen: 17.284 ng/ul

RT: 10.128 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

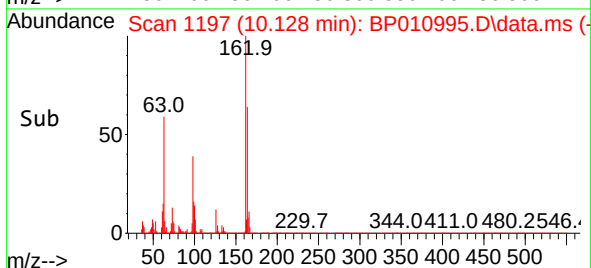
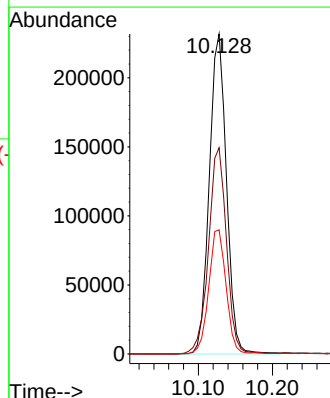
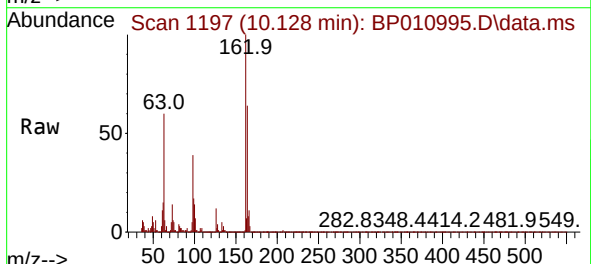
Tgt Ion:162 Resp: 372740

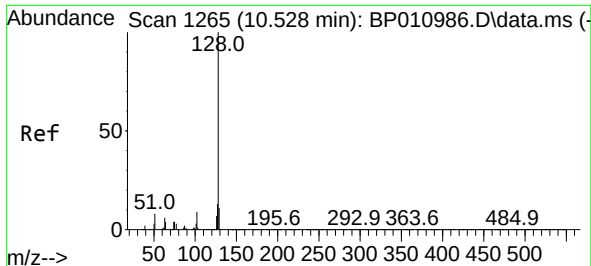
Ion Ratio Lower Upper

162 100

164 64.5 52.5 78.7

98 38.8 31.4 47.0

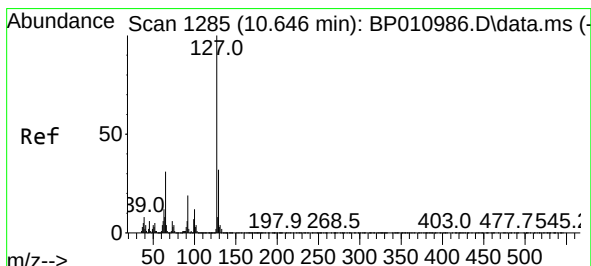
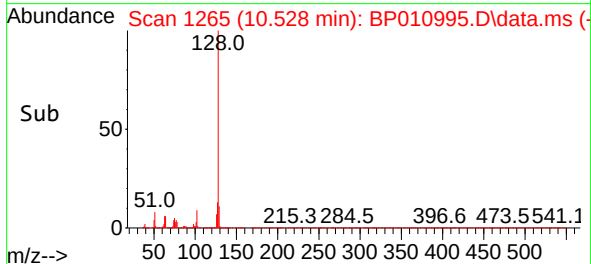
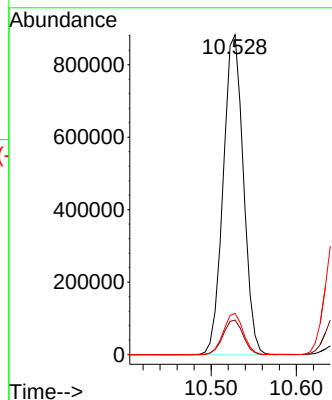
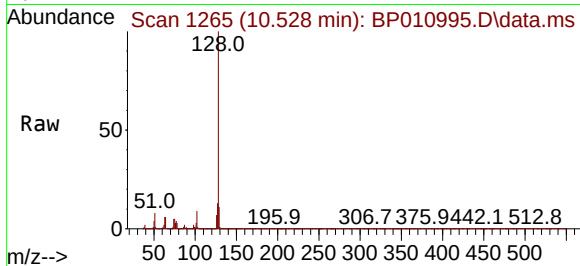




#30
Naphthalene
Concen: 18.027 ng/ul
RT: 10.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

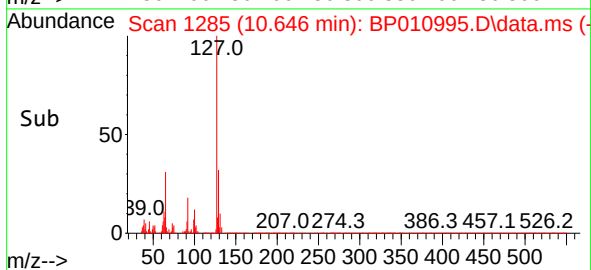
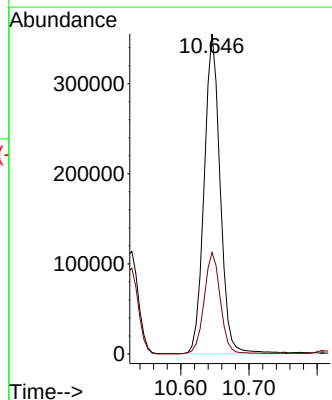
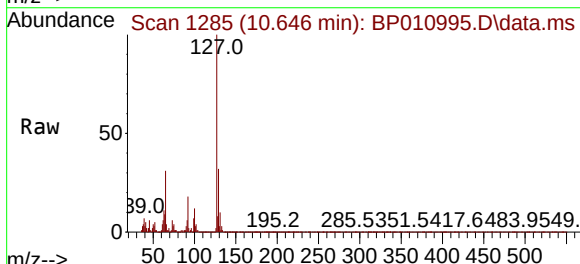
Instrument :
BNA_P
ClientSampleId :
SSTD020701

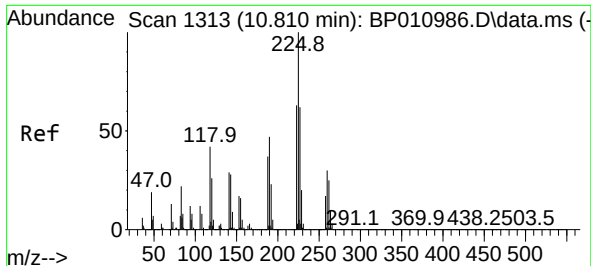
Tgt Ion:128 Resp: 1451365
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.2 15.4



#32
4-Chloroaniline
Concen: 17.062 ng/ul
RT: 10.646 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:127 Resp: 579679
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.2

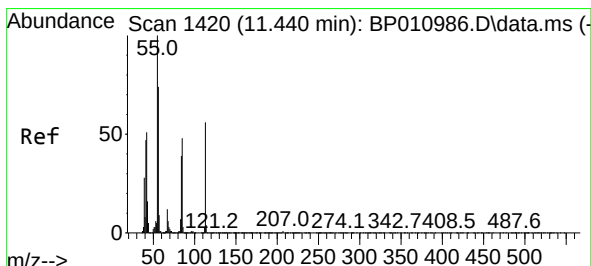
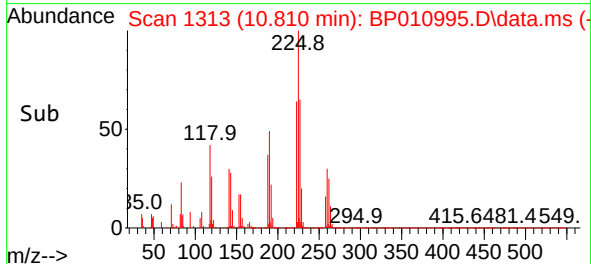
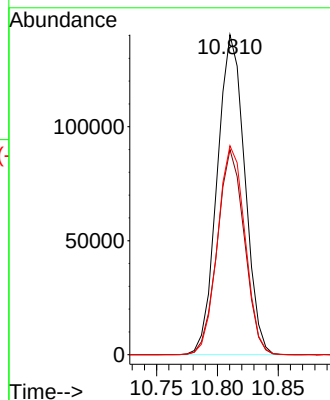
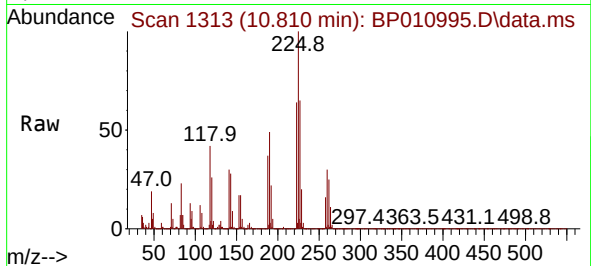




#33
Hexachlorobutadiene
Concen: 17.634 ng/ul
RT: 10.810 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

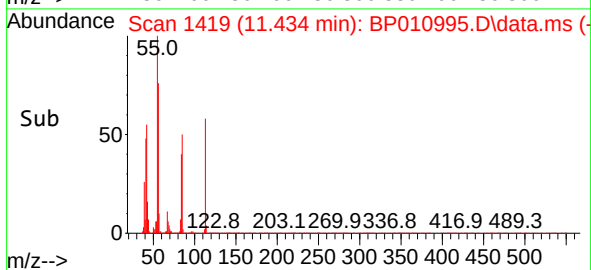
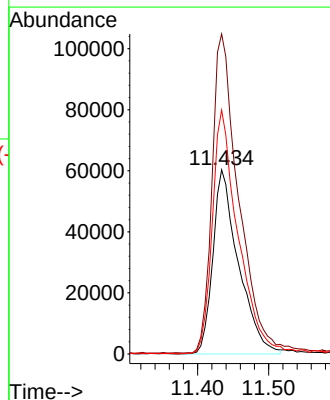
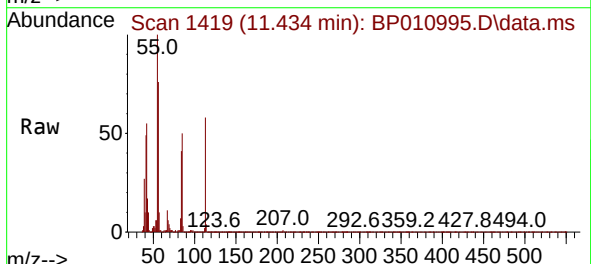
Instrument :
BNA_P
ClientSampleId :
SSTD020701

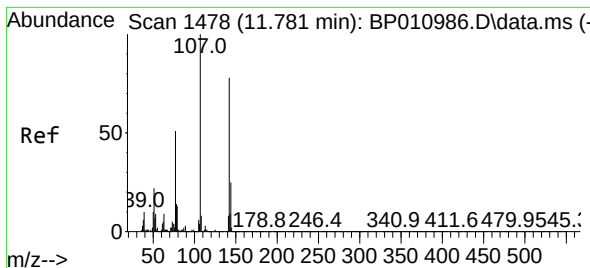
Tgt Ion:225 Resp: 221362
Ion Ratio Lower Upper
225 100
223 64.1 53.7 80.5
227 65.3 49.4 74.2



#34
Caprolactam
Concen: 19.961 ng/ul
RT: 11.434 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:113 Resp: 150861
Ion Ratio Lower Upper
113 100
55 173.8 153.8 230.8
56 132.4 110.2 165.4

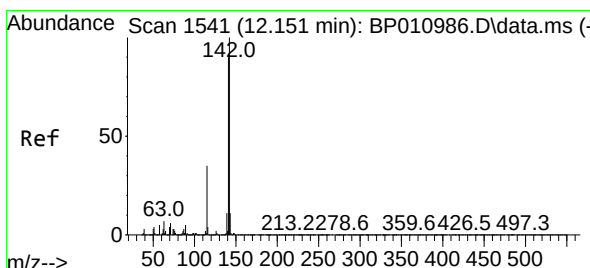
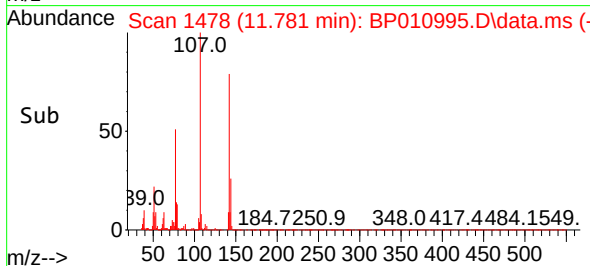
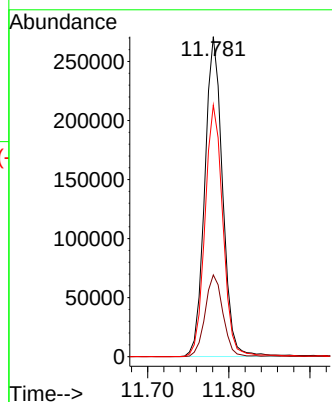
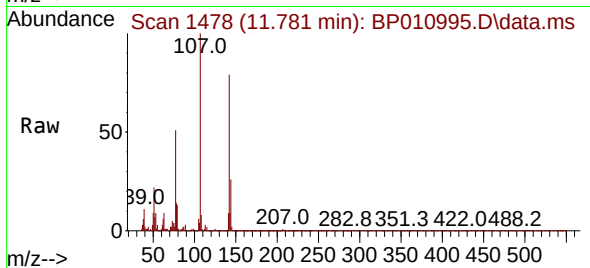




#35
4-Chloro-3-methylphenol
Concen: 16.936 ng/ul
RT: 11.781 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

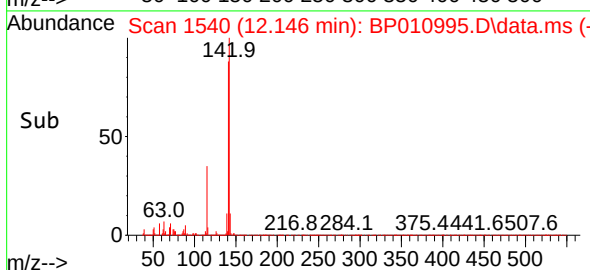
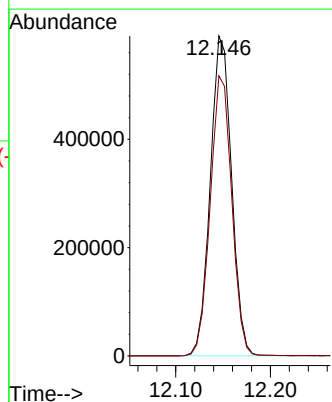
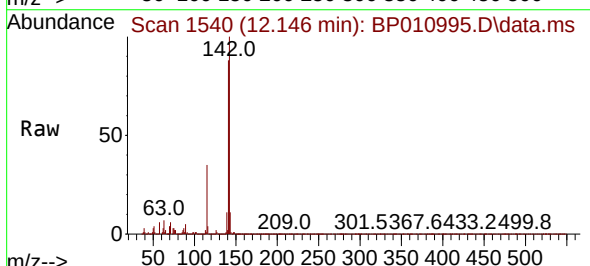
Instrument :
BNA_P
ClientSampleId :
SSTD020701

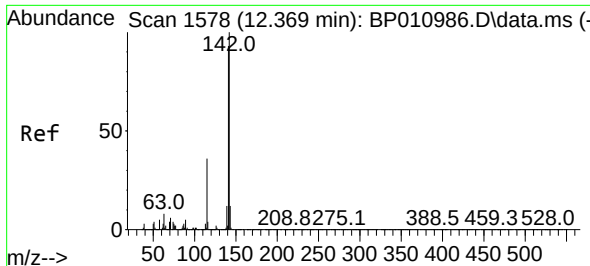
Tgt Ion:107 Resp: 412745
Ion Ratio Lower Upper
107 100
144 25.5 18.6 27.8
142 78.6 59.6 89.4



#36
2-Methylnaphthalene
Concen: 17.644 ng/ul
RT: 12.146 min Scan# 1540
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:142 Resp: 920894
Ion Ratio Lower Upper
142 100
141 87.6 70.1 105.1

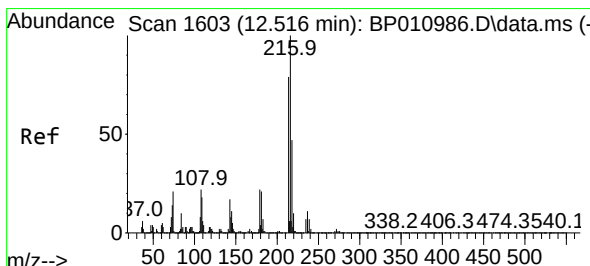
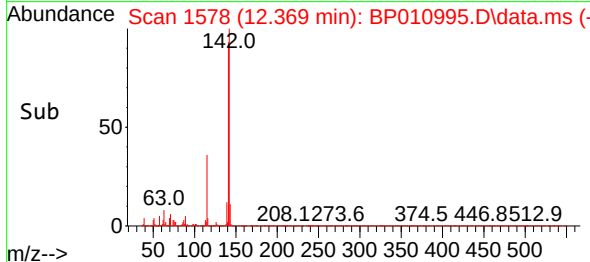
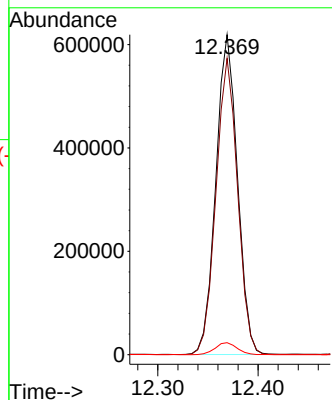
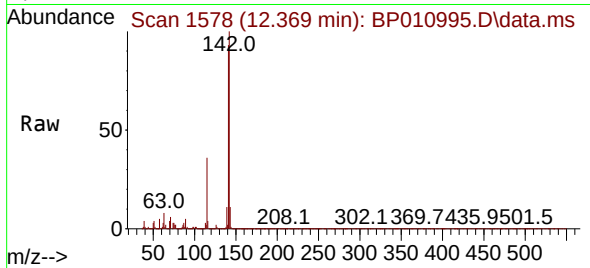




#37
1-Methylnaphthalene
Concen: 17.685 ng/ul
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

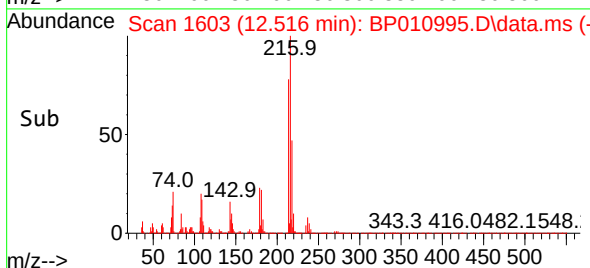
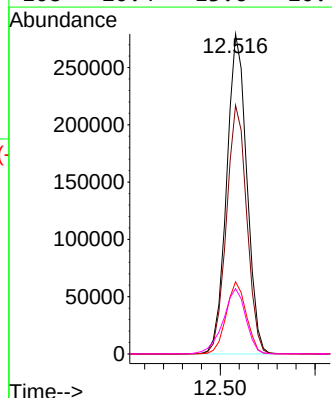
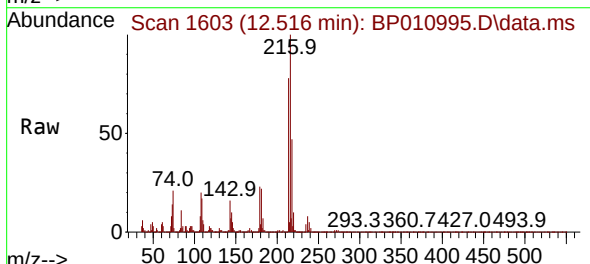
Instrument :
BNA_P
ClientSampleId :
SSTD020701

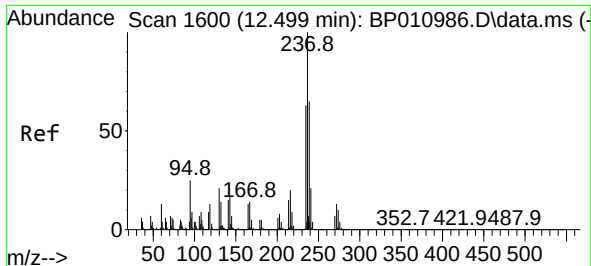
Tgt Ion:142 Resp: 925223
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9
116 3.8 4.0 6.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.481 ng/ul
RT: 12.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:216 Resp: 412990
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.6
179 22.5 18.1 27.1
108 20.4 13.6 20.4#

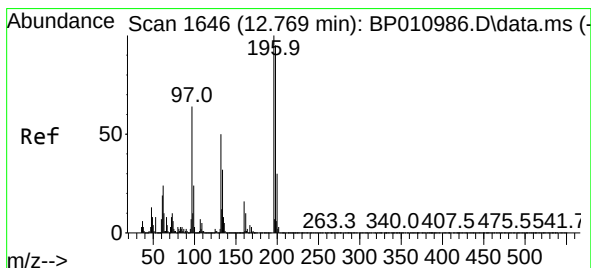
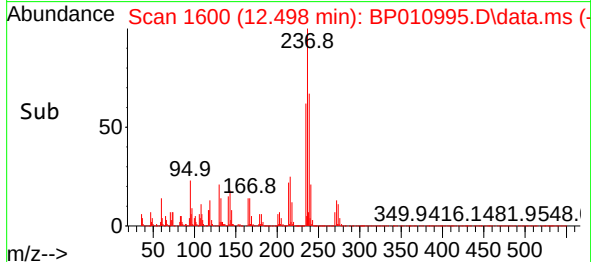
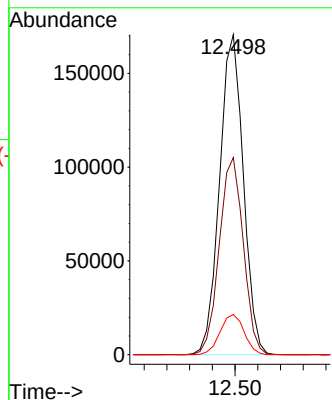
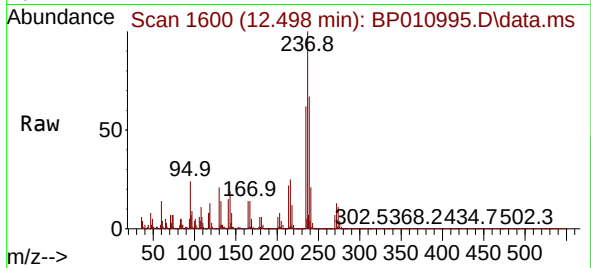




#40
Hexachlorocyclopentadiene
Concen: 16.950 ng/ul
RT: 12.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

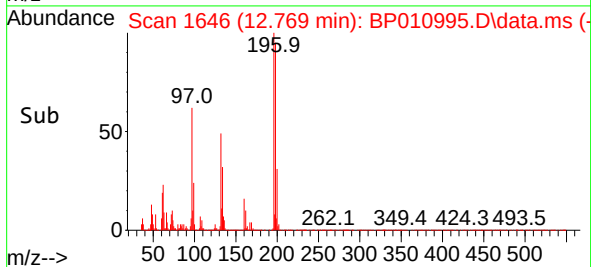
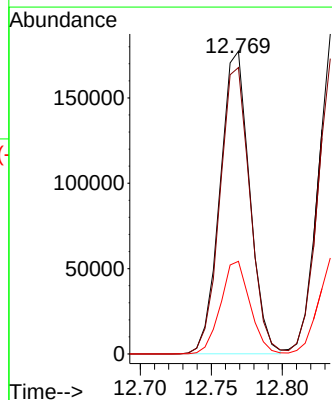
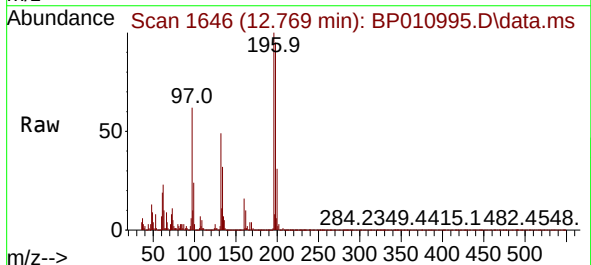
Instrument :
BNA_P
ClientSampleId :
SSTD020701

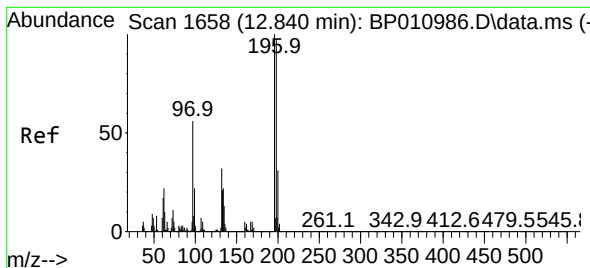
Tgt Ion:237 Resp: 248034
Ion Ratio Lower Upper
237 100
235 61.6 52.8 79.2
272 12.6 11.5 17.3



#41
2,4,6-Trichlorophenol
Concen: 16.553 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:196 Resp: 257542
Ion Ratio Lower Upper
196 100
198 94.6 78.2 117.4
200 30.6 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 17.130 ng/ul

RT: 12.834 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

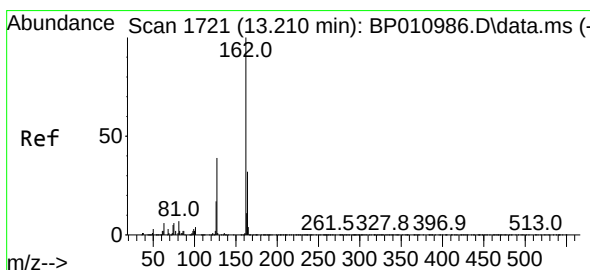
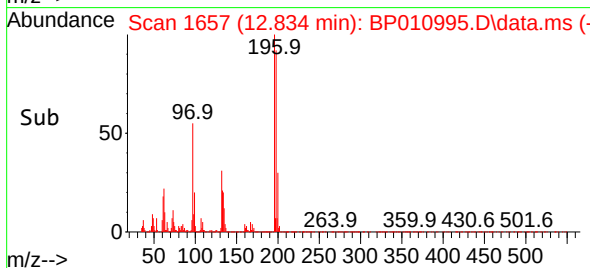
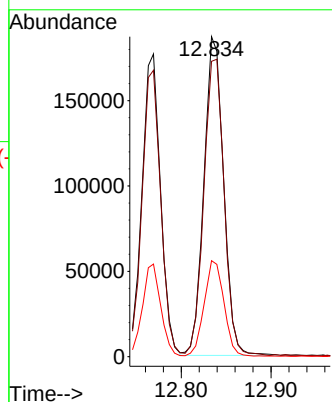
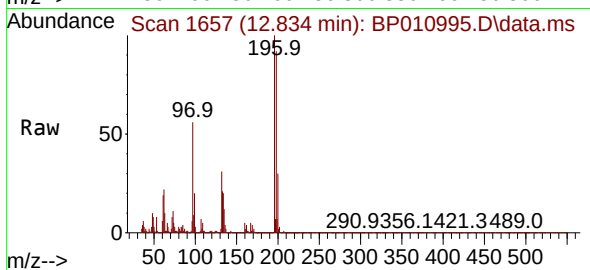
Tgt Ion:196 Resp: 284834

Ion Ratio Lower Upper

196 100

198 92.3 77.0 115.4

200 30.0 24.8 37.2



#44

2-Chloronaphthalene

Concen: 17.772 ng/ul

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

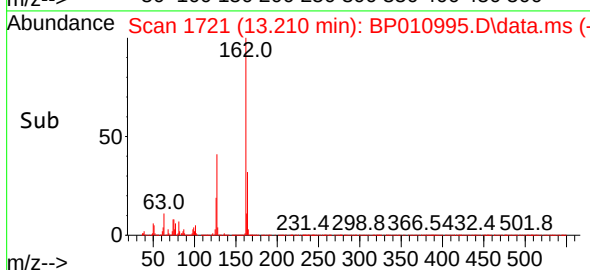
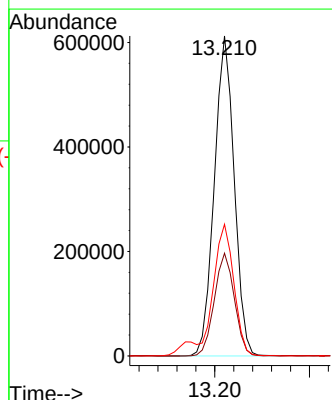
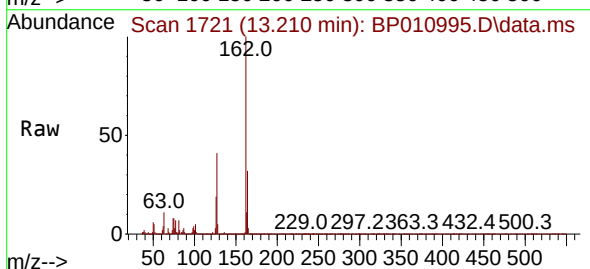
Tgt Ion:162 Resp: 892216

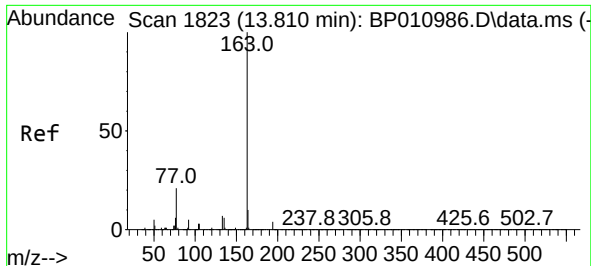
Ion Ratio Lower Upper

162 100

164 32.1 25.5 38.3

127 41.1 31.9 47.9

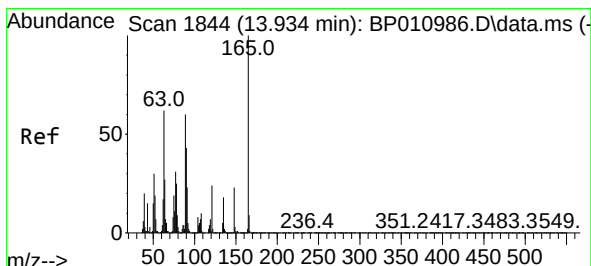
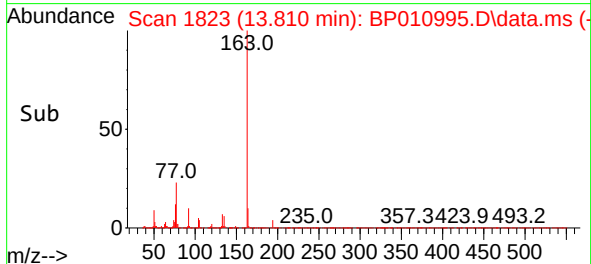
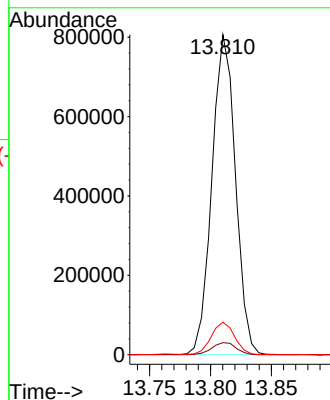
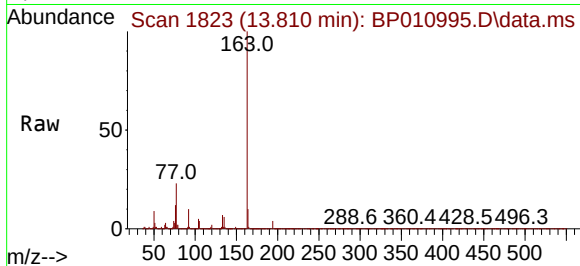




#47
Dimethylphthalate
Concen: 17.514 ng/ul
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

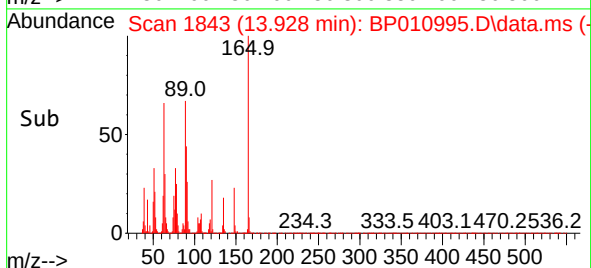
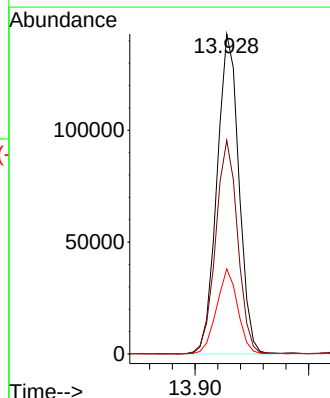
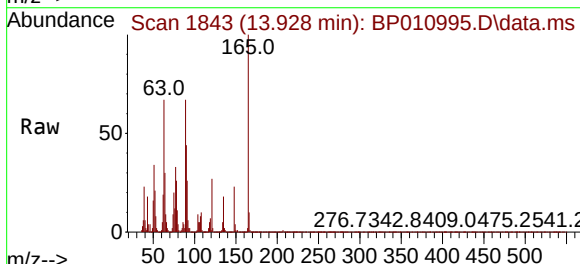
Instrument :
BNA_P
ClientSampleId :
SSTD020701

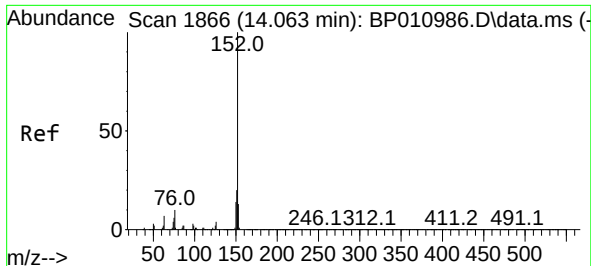
Tgt Ion:163 Resp: 1081969
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.1 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 17.180 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:165 Resp: 192146
Ion Ratio Lower Upper
165 100
89 66.7 52.9 79.3
121 26.6 19.4 29.2

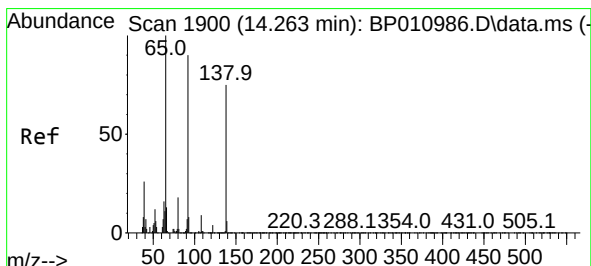
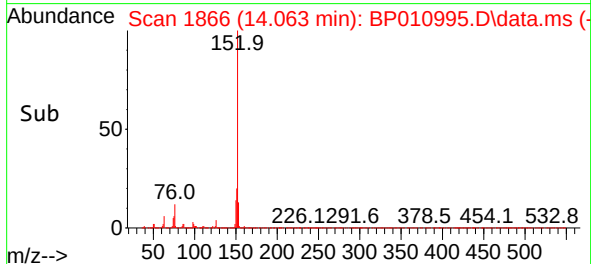
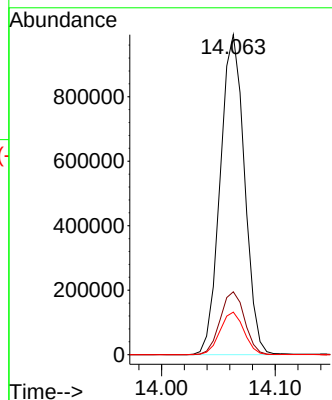
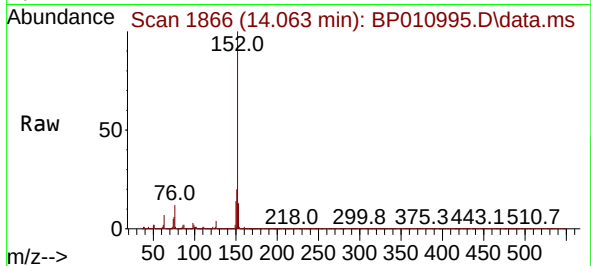




#50
Acenaphthylene
Concen: 18.178 ng/ul
RT: 14.063 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

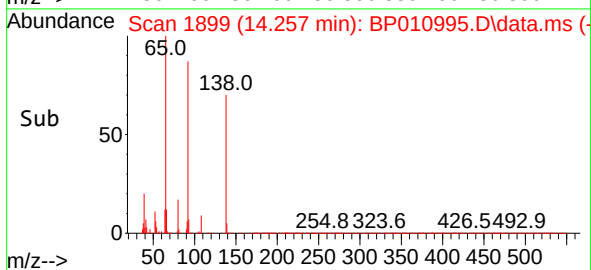
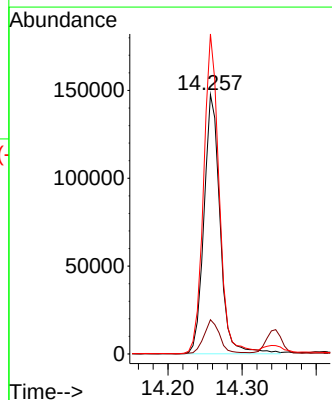
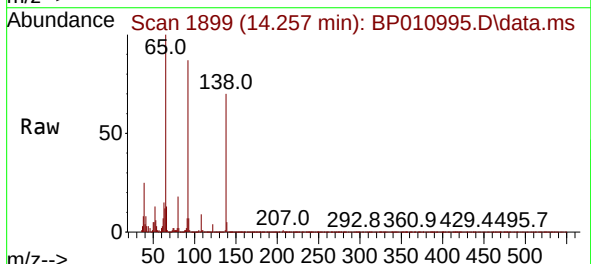
Instrument :
BNA_P
ClientSampleId :
SSTD020701

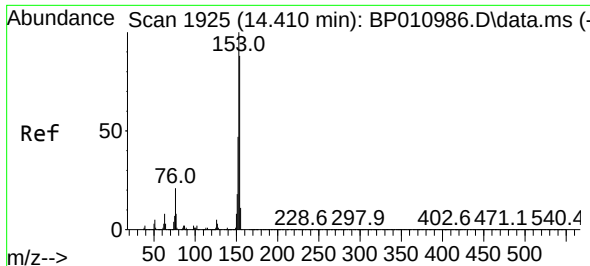
Tgt Ion:152 Resp: 1473382
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7
153 13.3 10.1 15.1



#51
3-Nitroaniline
Concen: 16.586 ng/ul
RT: 14.257 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:138 Resp: 222873
Ion Ratio Lower Upper
138 100
108 13.2 11.0 16.4
92 123.4 104.6 156.8

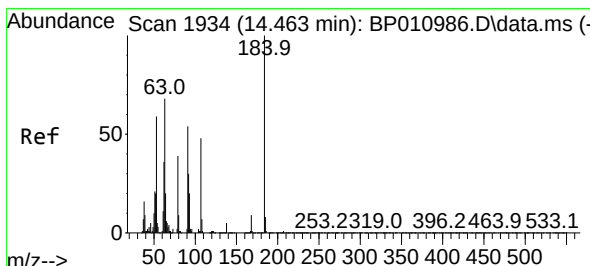
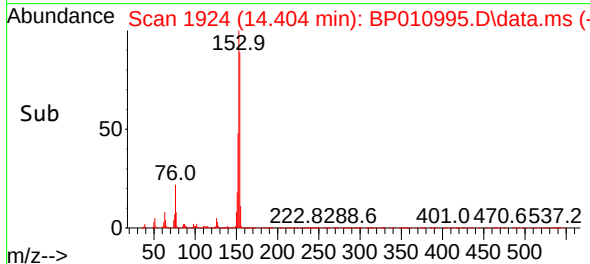
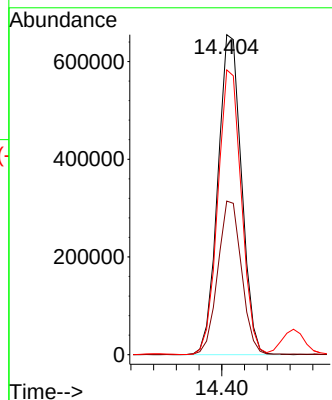
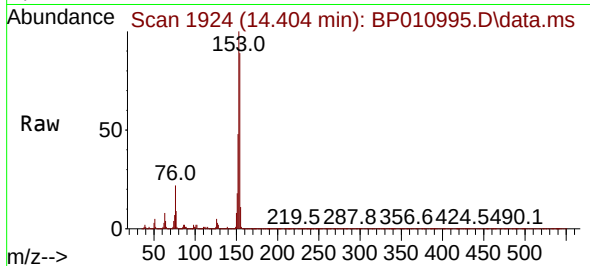




#52
Acenaphthene
Concen: 17.631 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

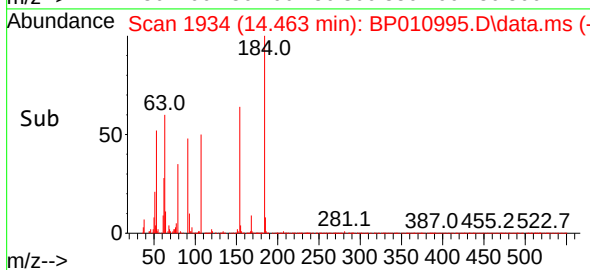
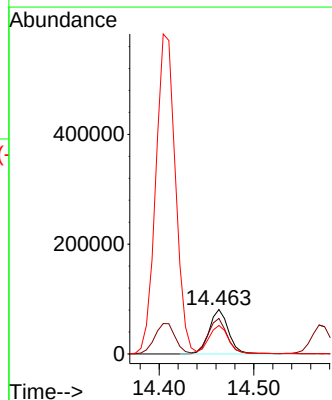
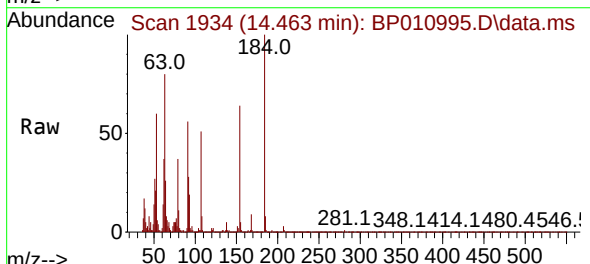
Instrument :
BNA_P
ClientSampleId :
SSTD020701

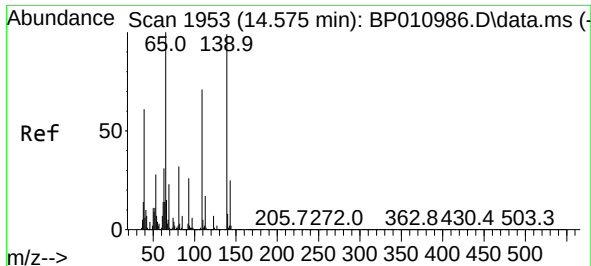
Tgt Ion:153 Resp: 946701
Ion Ratio Lower Upper
153 100
152 48.0 36.2 54.2
154 89.0 70.8 106.2



#53
2,4-Dinitrophenol
Concen: 17.397 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:184 Resp: 113837
Ion Ratio Lower Upper
184 100
63 79.9 73.8 110.6
154 64.2 57.2 85.8

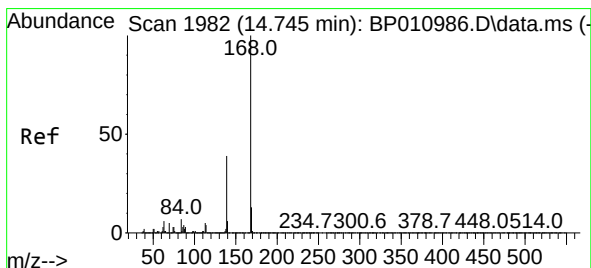
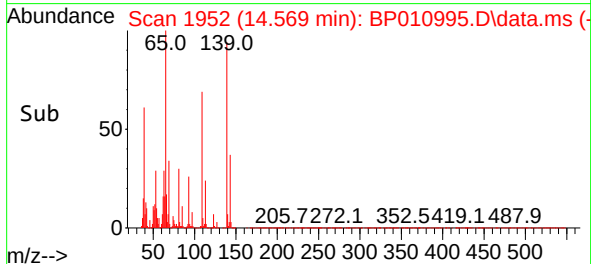
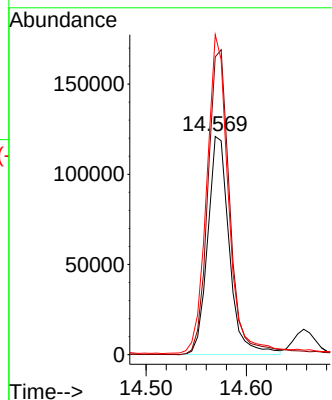
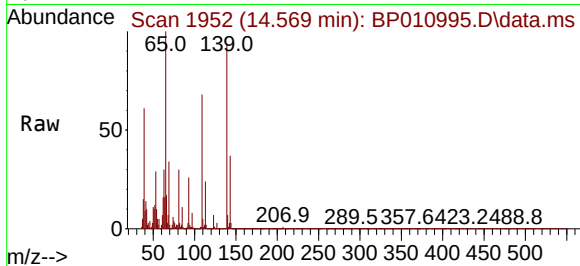




#55
4-Nitrophenol
Concen: 19.124 ng/ul
RT: 14.569 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

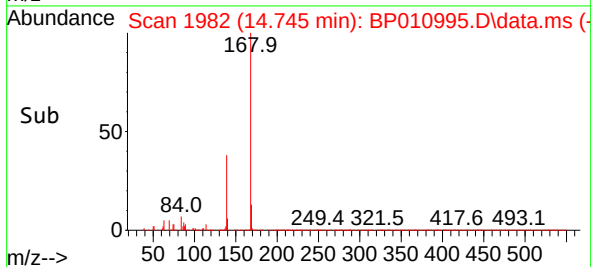
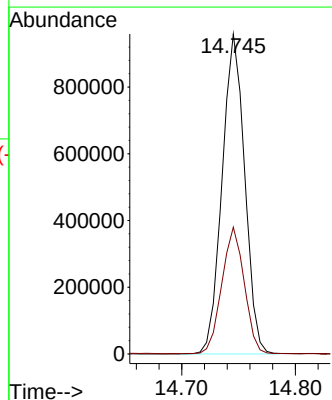
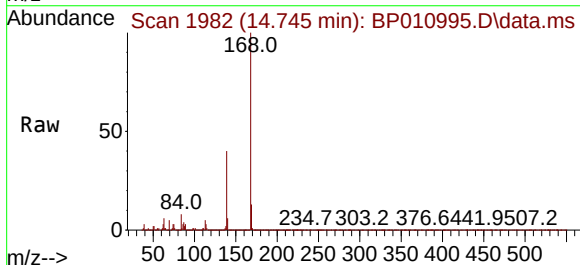
Instrument :
BNA_P
ClientSampleId :
SSTD020701

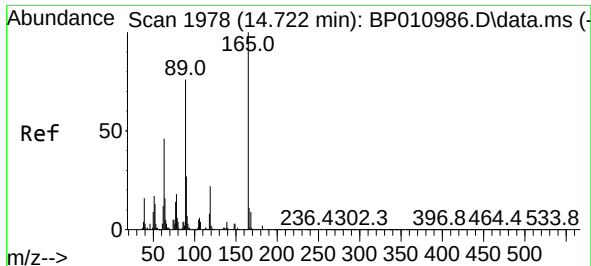
Tgt Ion:109 Resp: 181426
Ion Ratio Lower Upper
109 100
139 136.4 75.6 113.4#
65 146.6 107.6 161.4



#56
Dibenzofuran
Concen: 17.878 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:168 Resp: 1324652
Ion Ratio Lower Upper
168 100
139 39.6 32.8 49.2

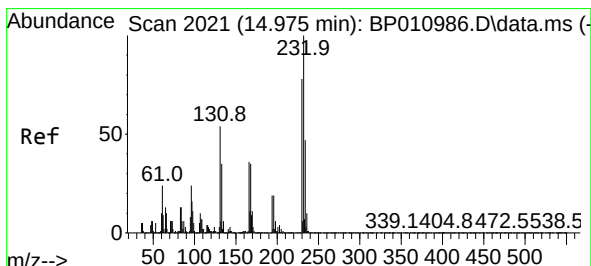
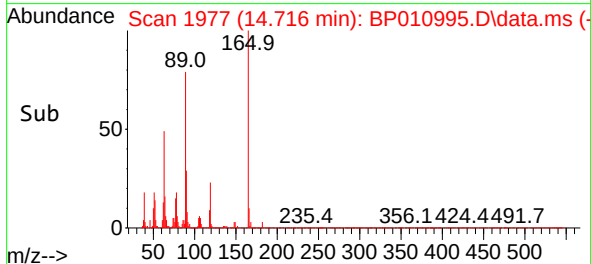
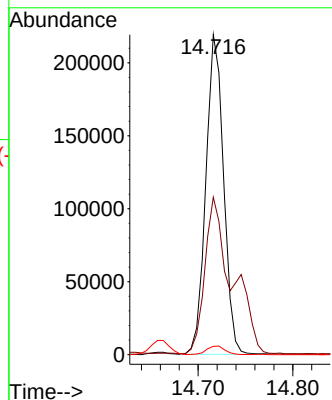
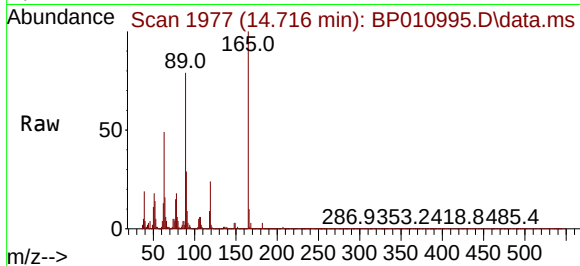




#57
2,4-Dinitrotoluene
Concen: 17.894 ng/ul
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

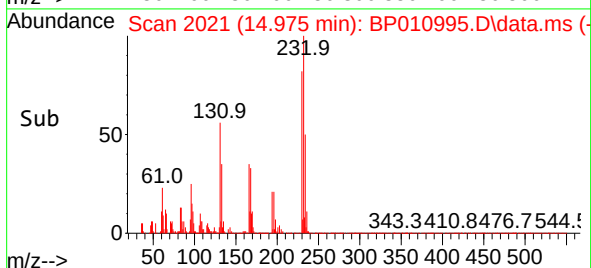
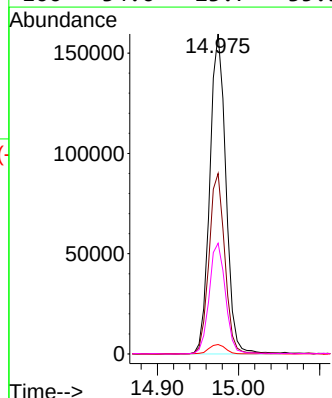
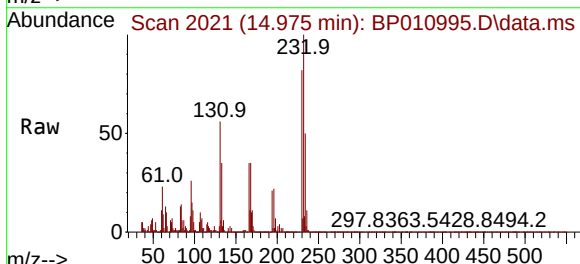
Instrument :
BNA_P
ClientSampleId :
SSTD020701

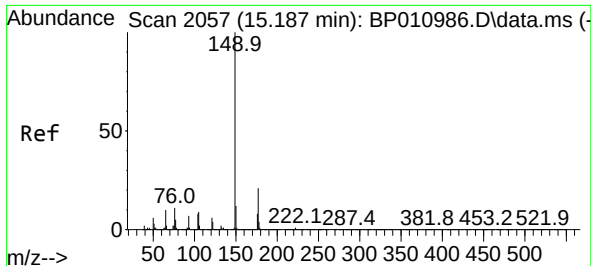
Tgt Ion:165 Resp: 285470
Ion Ratio Lower Upper
165 100
63 49.2 47.0 70.6
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 16.858 ng/ul
RT: 14.975 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:232 Resp: 219514
Ion Ratio Lower Upper
232 100
131 56.4 35.8 53.8#
130 3.0 1.8 2.8#
166 34.6 23.7 35.5

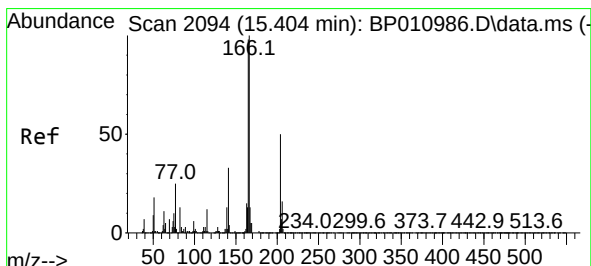
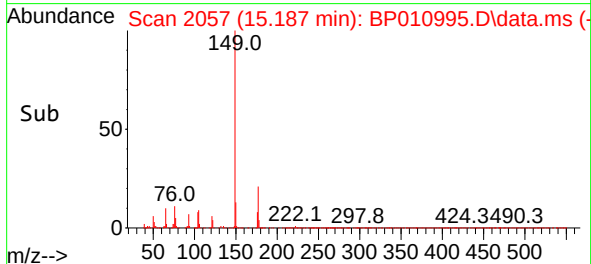
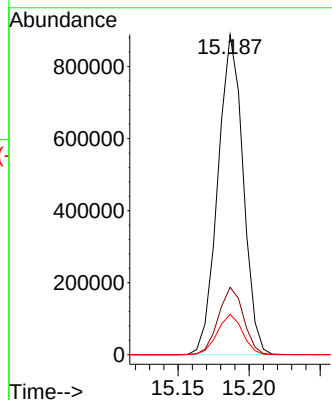
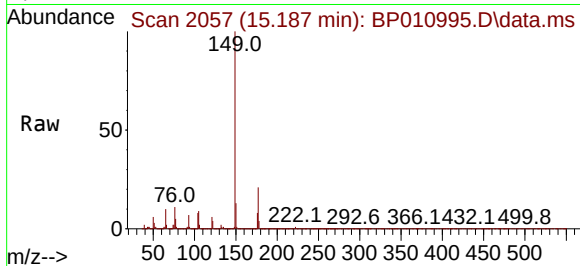




#59
Diethylphthalate
Concen: 17.301 ng/ul
RT: 15.187 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

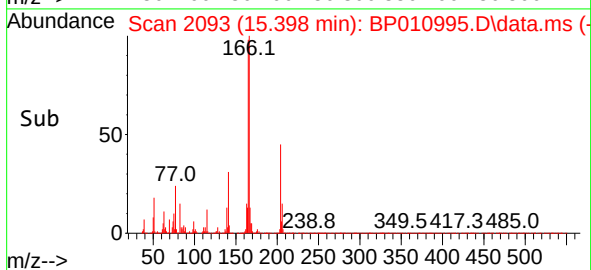
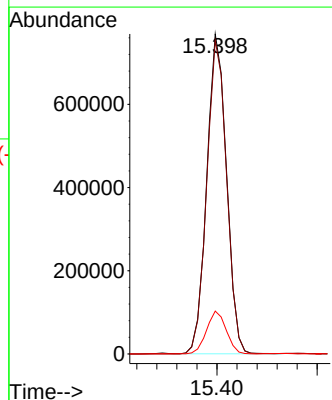
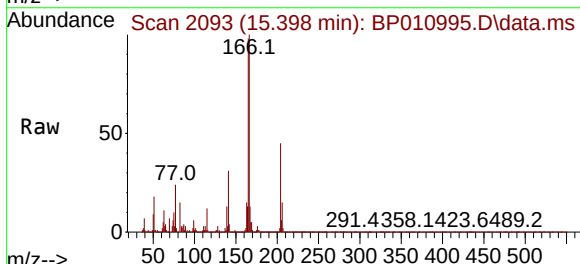
Instrument :
BNA_P
ClientSampleId :
SSTD020701

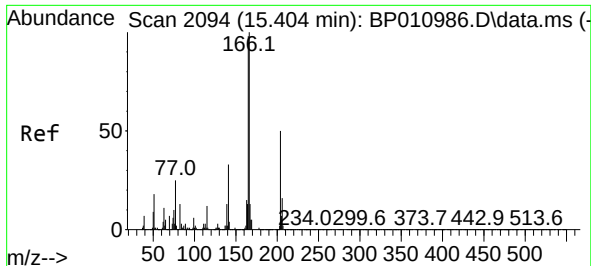
Tgt Ion:149 Resp: 1097606
Ion Ratio Lower Upper
149 100
177 21.1 17.6 26.4
150 12.6 10.3 15.5



#61
Fluorene
Concen: 17.740 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:166 Resp: 1054807
Ion Ratio Lower Upper
166 100
165 97.9 77.4 116.2
167 13.4 10.8 16.2

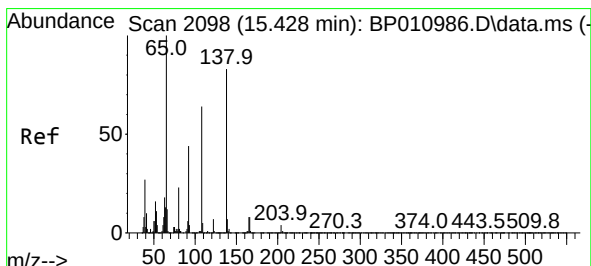
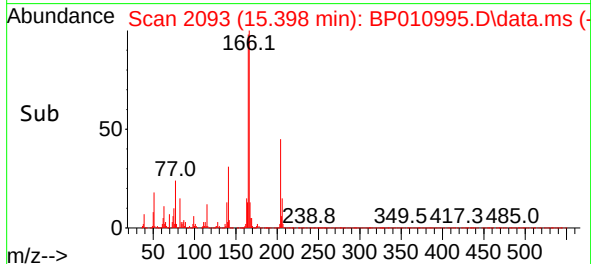
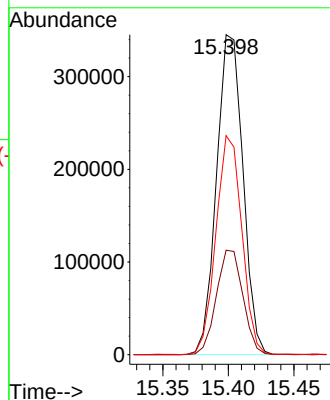
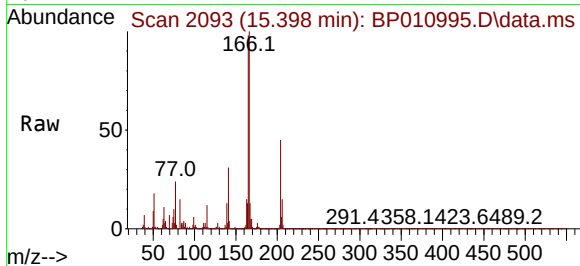




#62
4-Chlorophenyl-phenylether
Concen: 17.697 ng/ul
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

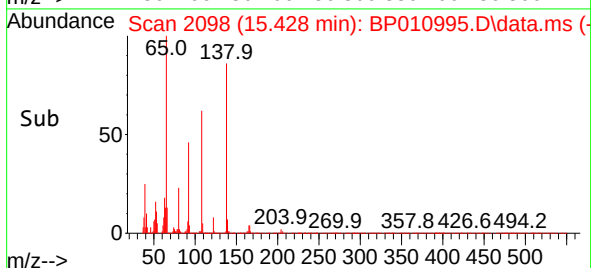
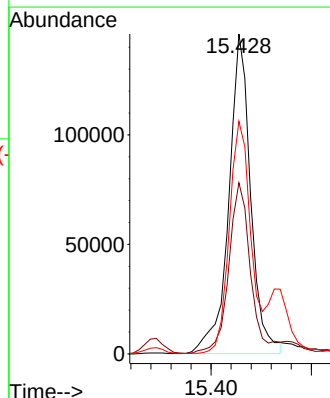
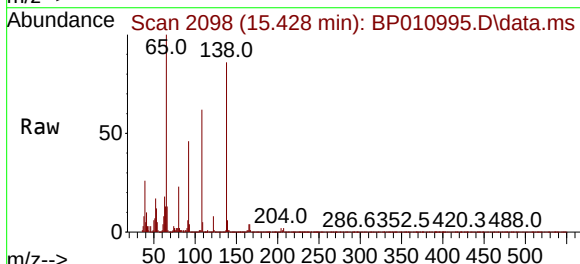
Instrument :
BNA_P
ClientSampleId :
SSTD020701

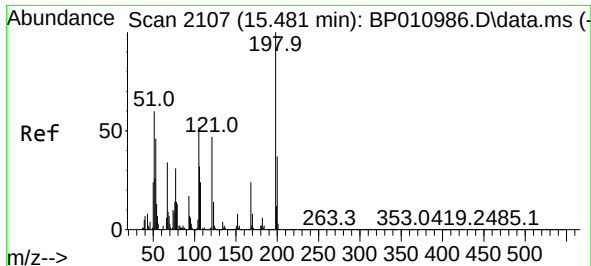
Tgt Ion:204 Resp: 484433
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 68.5 49.3 73.9



#63
4-Nitroaniline
Concen: 17.940 ng/ul
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:138 Resp: 221548
Ion Ratio Lower Upper
138 100
92 53.5 46.2 69.2
108 72.7 85.8 128.8#

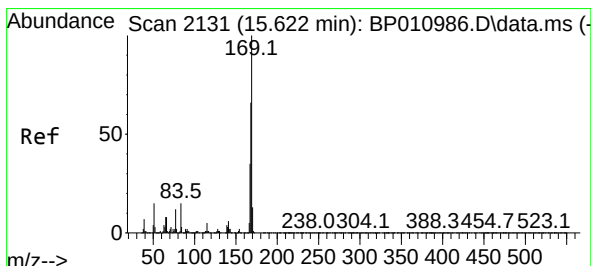
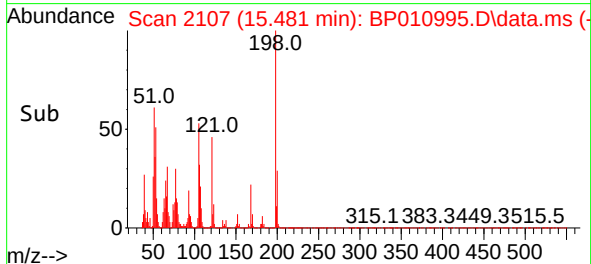
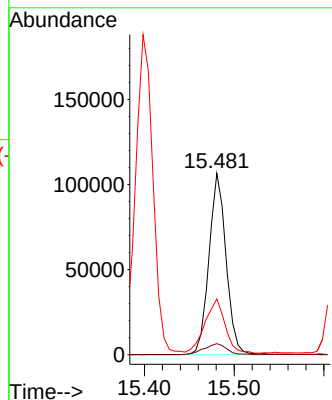
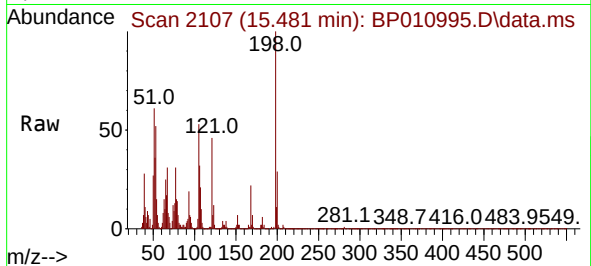




#66
4,6-Dinitro-2-methylphenol
Concen: 15.473 ng/ul
RT: 15.481 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

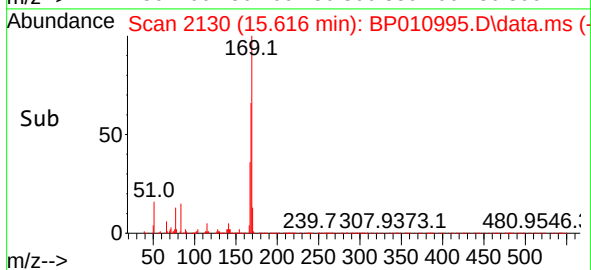
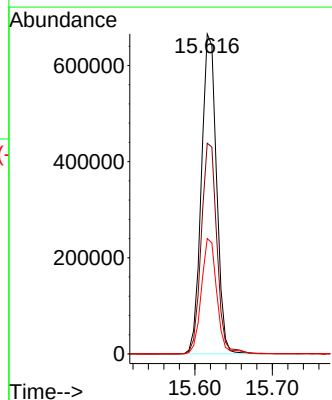
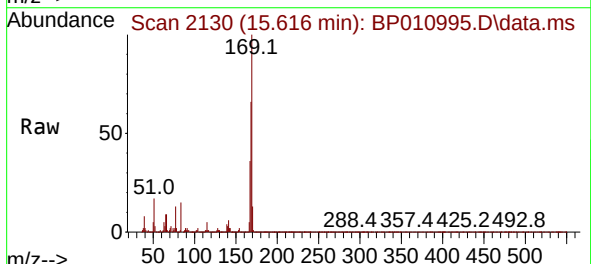
Instrument :
BNA_P
ClientSampleId :
SSTD020701

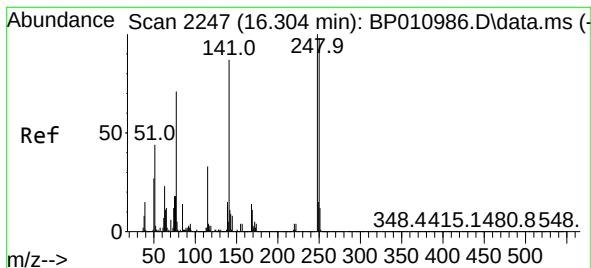
Tgt Ion:198 Resp: 141194
Ion Ratio Lower Upper
198 100
182 6.1 4.3 6.5
77 30.8 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 17.561 ng/ul
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:169 Resp: 901723
Ion Ratio Lower Upper
169 100
168 65.9 52.6 78.8
167 36.1 27.8 41.6

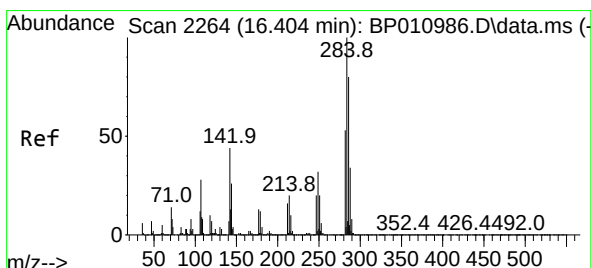
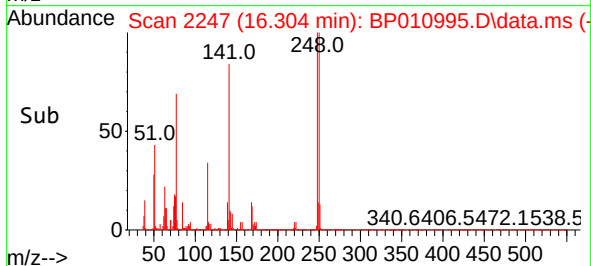
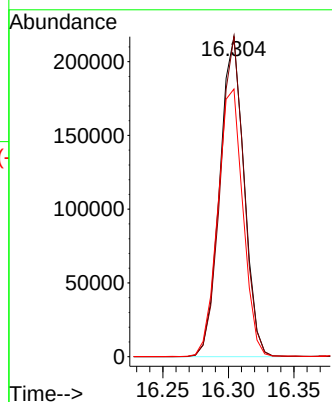
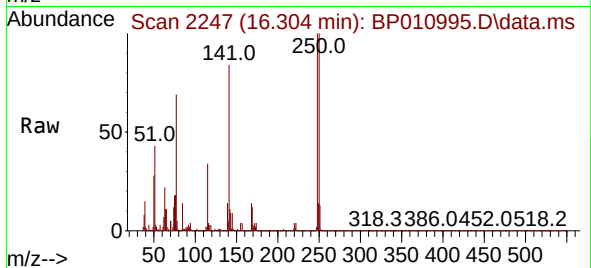




#68
4-Bromophenyl-phenylether
Concen: 17.242 ng/ul
RT: 16.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

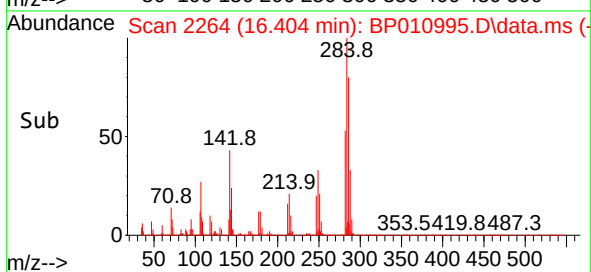
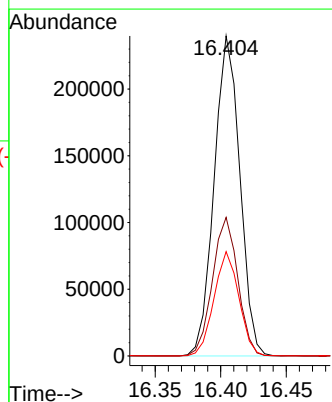
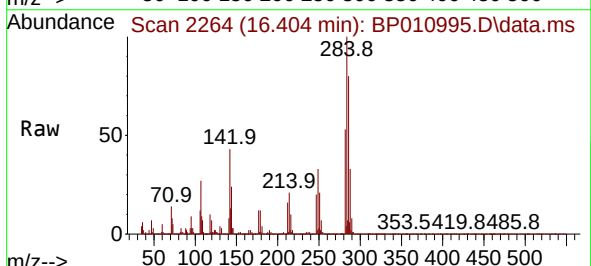
Instrument :
BNA_P
ClientSampleId :
SSTD020701

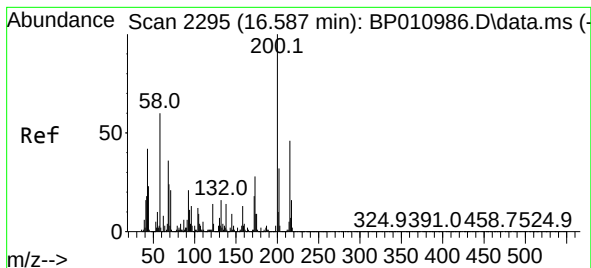
Tgt Ion:248 Resp: 279525
Ion Ratio Lower Upper
248 100
250 100.0 80.8 121.2
141 83.7 63.9 95.9



#69
Hexachlorobenzene
Concen: 17.350 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:284 Resp: 326446
Ion Ratio Lower Upper
284 100
142 43.3 27.8 41.6#
249 32.6 25.4 38.2





#70

Atrazine

Concen: 17.203 ng/ul

RT: 16.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

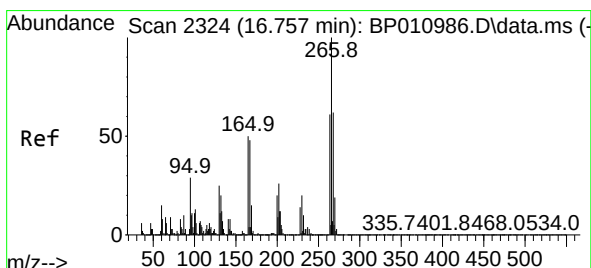
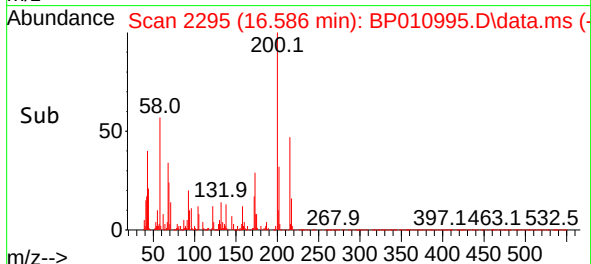
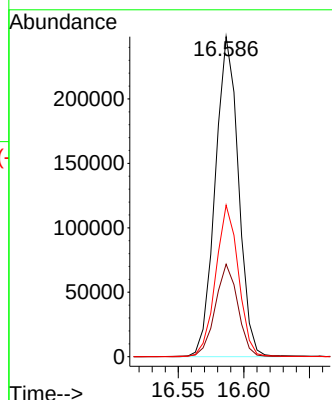
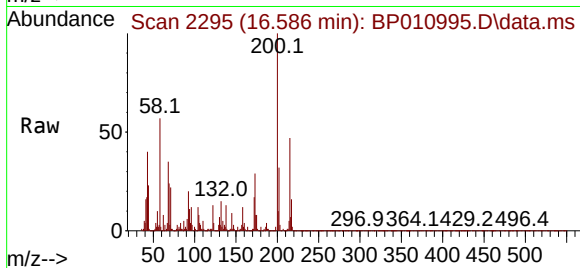
Tgt Ion:200 Resp: 305571

Ion Ratio Lower Upper

200 100

173 28.9 20.7 31.1

215 47.4 38.6 57.8



#71

Pentachlorophenol

Concen: 17.680 ng/ul

RT: 16.757 min Scan# 2324

Delta R.T. -0.006 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

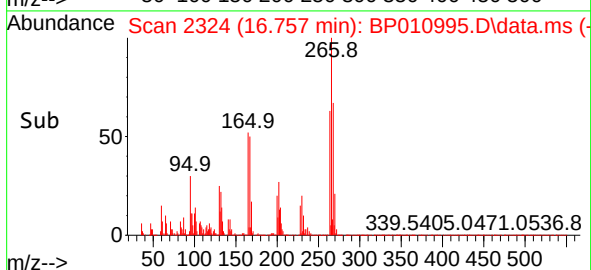
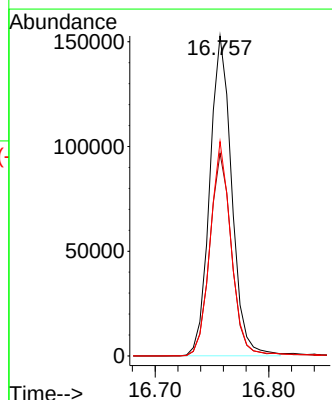
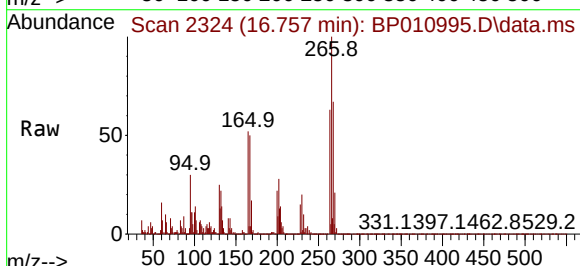
Tgt Ion:266 Resp: 204874

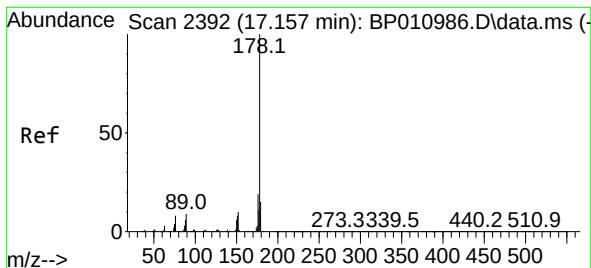
Ion Ratio Lower Upper

266 100

264 63.4 51.4 77.2

268 67.0 53.5 80.3





#72

Phenanthrene

Concen: 17.672 ng/ul

RT: 17.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

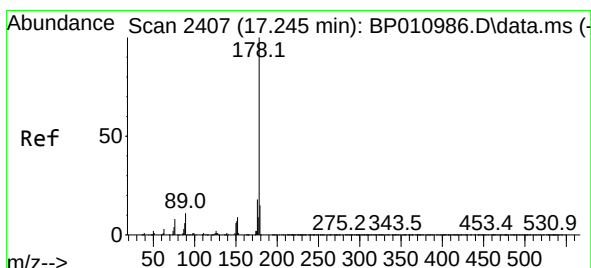
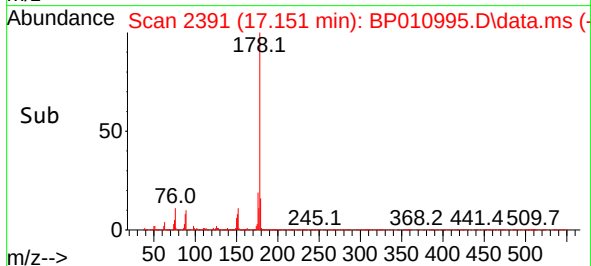
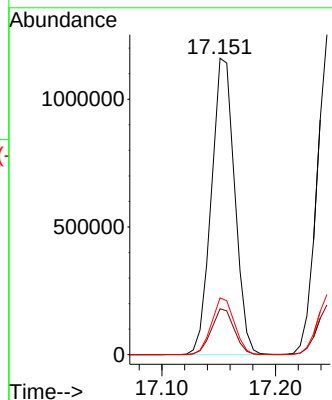
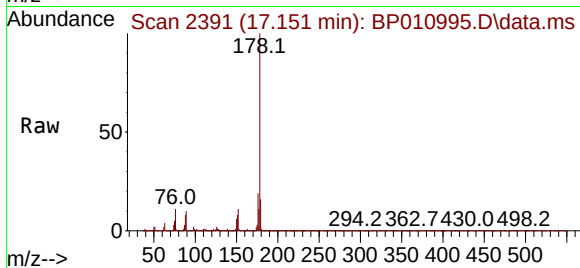
Tgt Ion:178 Resp: 1655008

Ion Ratio Lower Upper

178 100

179 15.5 12.7 19.1

176 19.1 14.6 22.0



#74

Anthracene

Concen: 18.056 ng/ul

RT: 17.245 min Scan# 2407

Delta R.T. -0.006 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

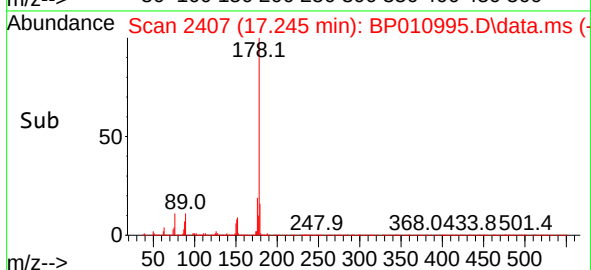
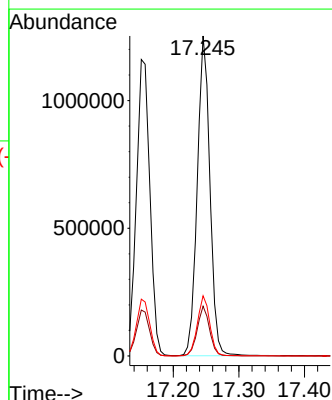
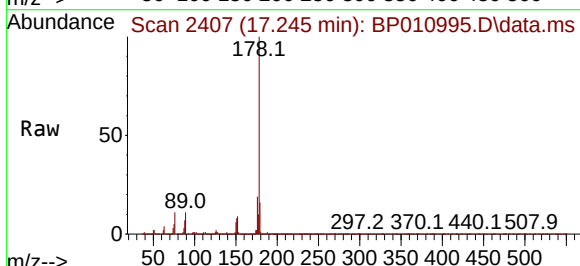
Tgt Ion:178 Resp: 1682017

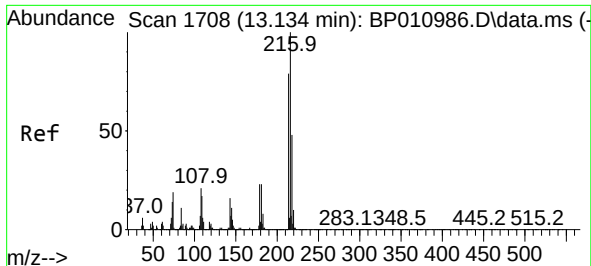
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.8 14.5 21.7

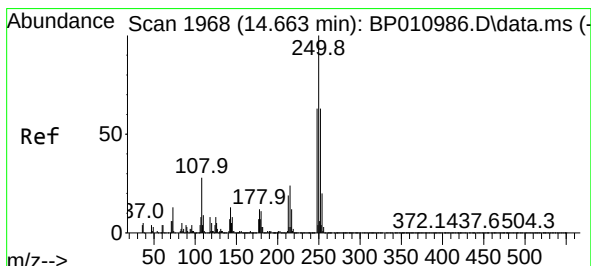
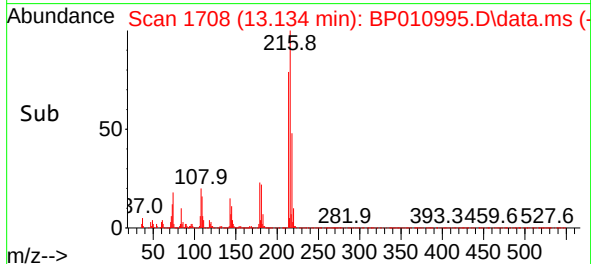
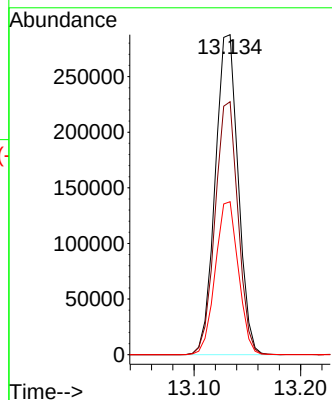
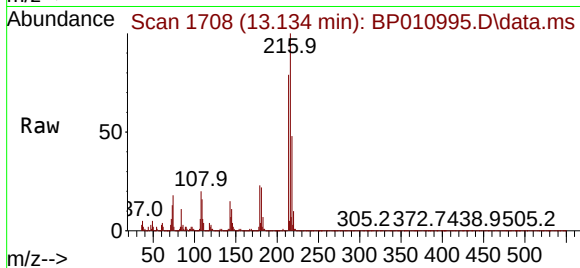




#75
1,2,3,4-Tetrachlorobenzene
Concen: 16.717 ng/uL
RT: 13.134 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

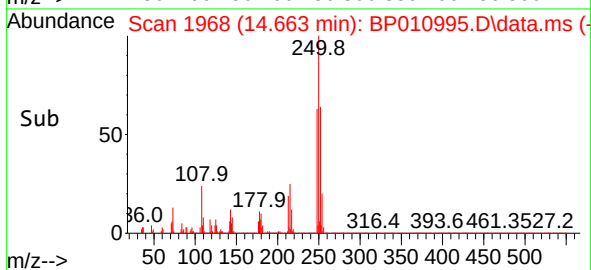
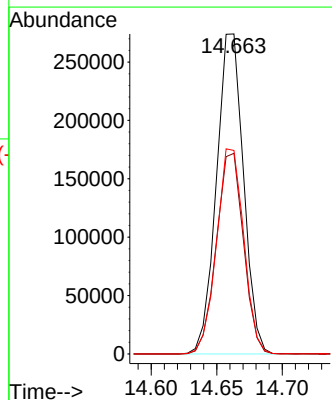
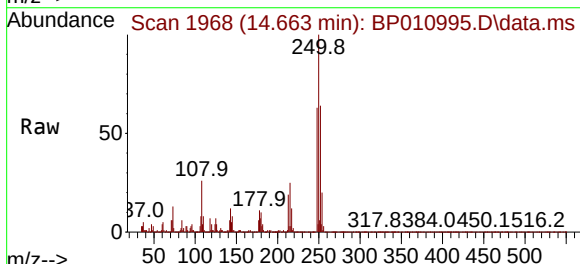
Instrument :
BNA_P
ClientSampleId :
SSTD020701

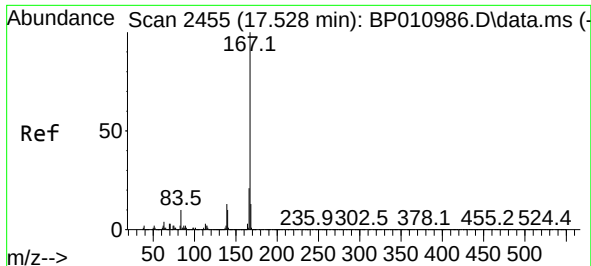
Tgt Ion:216 Resp: 430177
Ion Ratio Lower Upper
216 100
214 79.1 65.0 97.4
218 47.8 39.1 58.7



#76
Pentachlorobenzene
Concen: 17.440 ng/uL
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:250 Resp: 393404
Ion Ratio Lower Upper
250 100
248 62.7 49.8 74.6
252 63.6 51.2 76.8

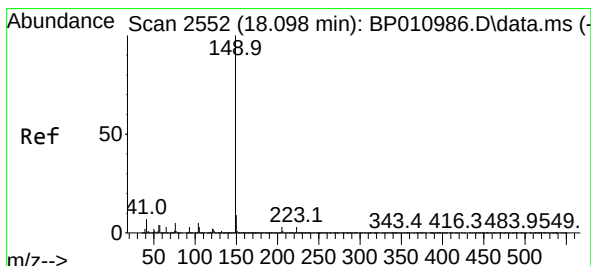
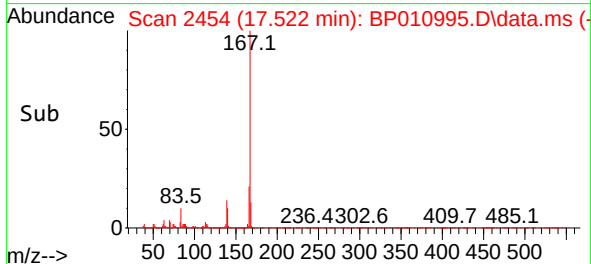
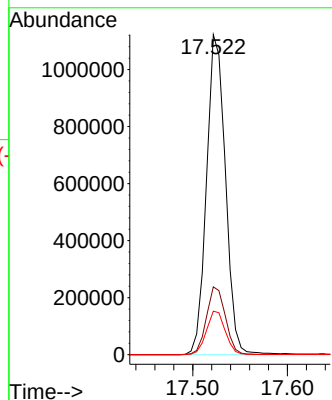
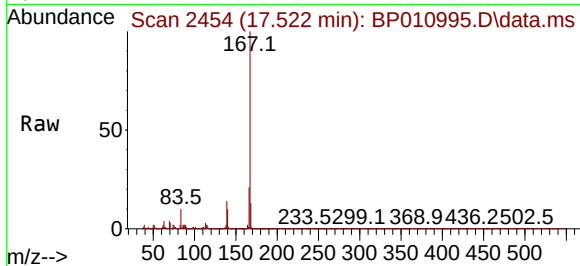




#77
 Carbazole
 Concen: 17.881 ng/ul
 RT: 17.522 min Scan# 2454
 Delta R.T. -0.012 min
 Lab File: BP010995.D
 Acq: 18 Jul 2022 16:26

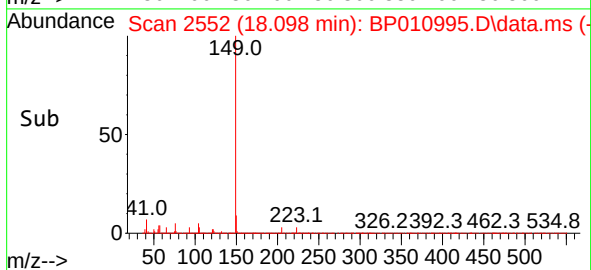
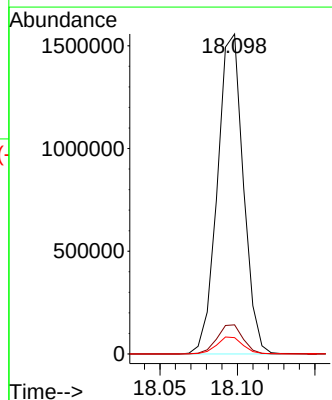
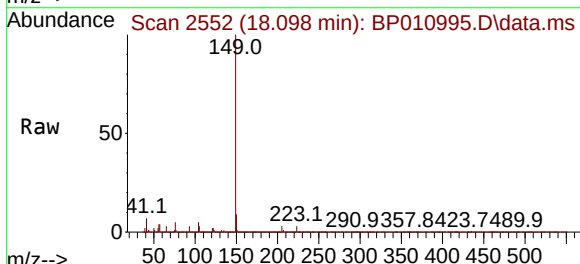
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020701

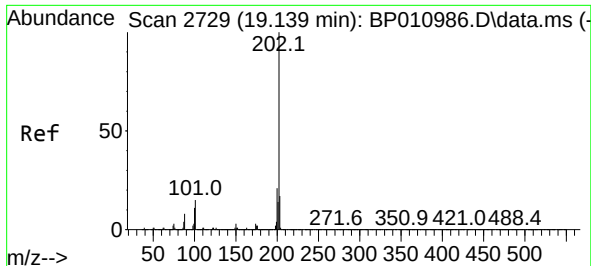
Tgt Ion:167 Resp: 1559041
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.9 25.3
 139 13.6 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 16.612 ng/ul
 RT: 18.098 min Scan# 2552
 Delta R.T. -0.006 min
 Lab File: BP010995.D
 Acq: 18 Jul 2022 16:26

Tgt Ion:149 Resp: 1810436
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.1 4.6 6.8

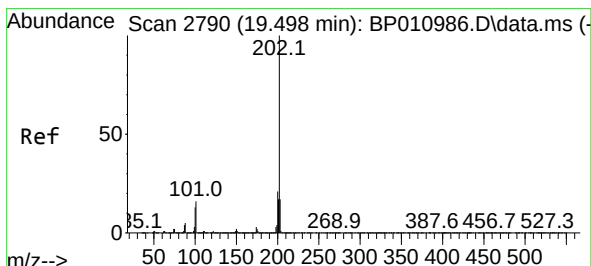
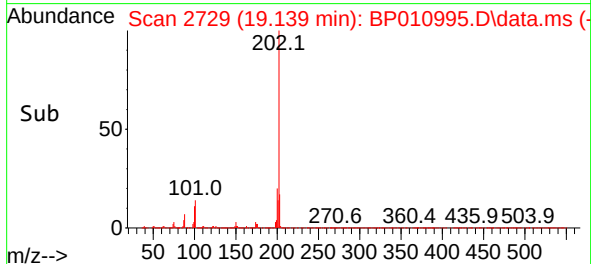
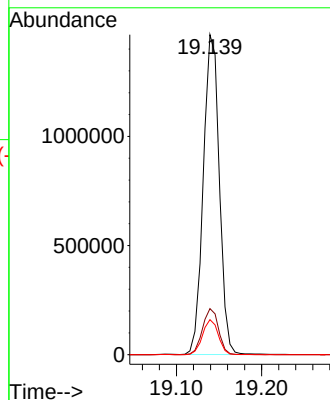
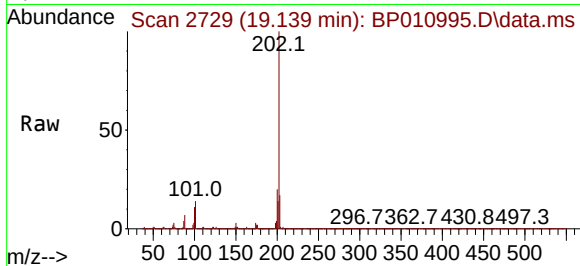




#80
Fluoranthene
Concen: 17.697 ng/ul
RT: 19.139 min Scan# 2729
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

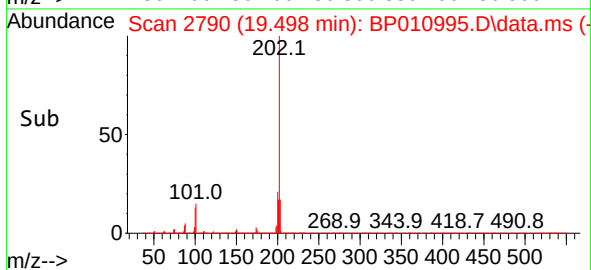
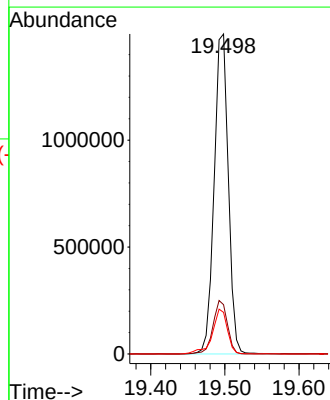
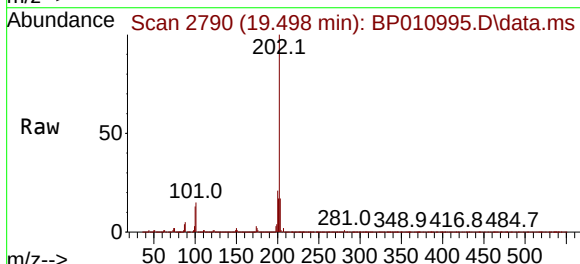
Instrument :
BNA_P
ClientSampleId :
SSTD020701

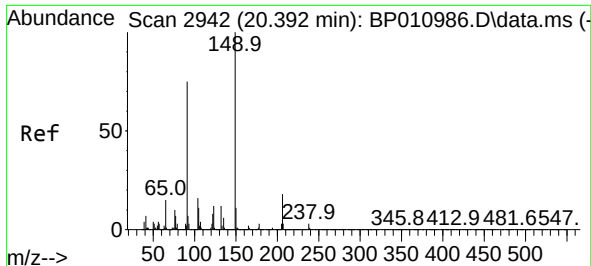
Tgt Ion:202 Resp: 1917081
Ion Ratio Lower Upper
202 100
101 14.4 7.1 10.7#
100 10.9 5.7 8.5#



#82
Pyrene
Concen: 17.719 ng/ul
RT: 19.498 min Scan# 2790
Delta R.T. -0.006 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:202 Resp: 1980479
Ion Ratio Lower Upper
202 100
101 15.4 7.9 11.9#
100 13.0 6.7 10.1#

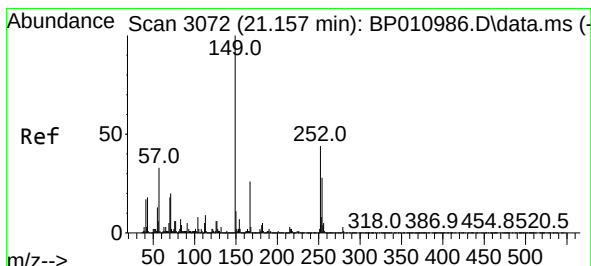
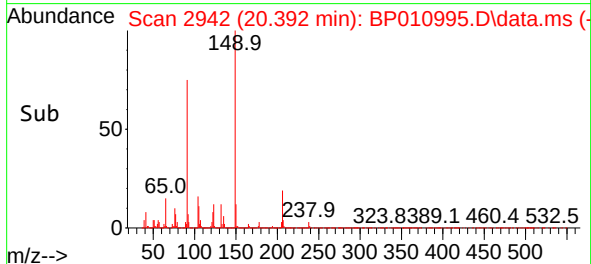
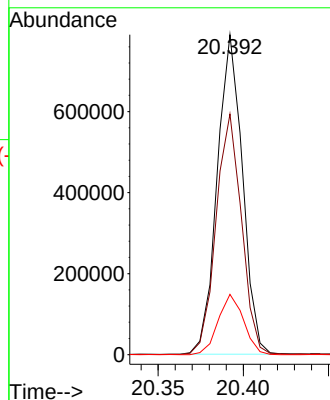
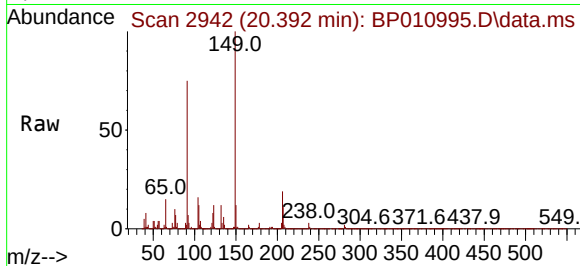




#83
Butylbenzylphthalate
Concen: 16.302 ng/ul
RT: 20.392 min Scan# 2942
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

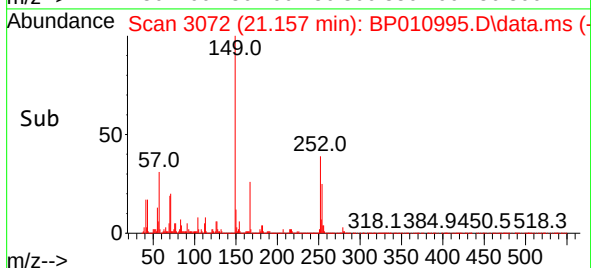
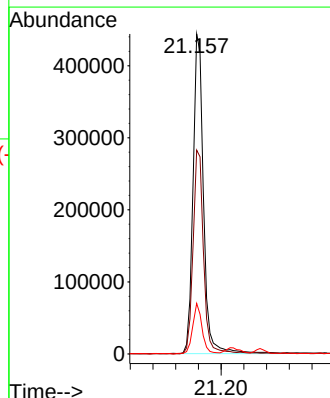
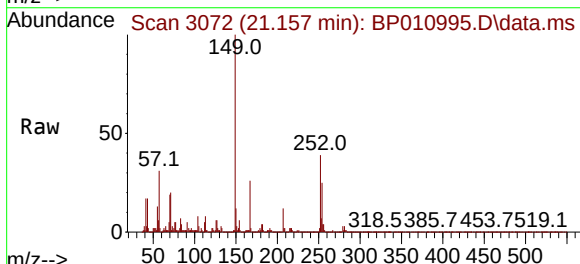
Instrument :
BNA_P
ClientSampleId :
SSTD020701

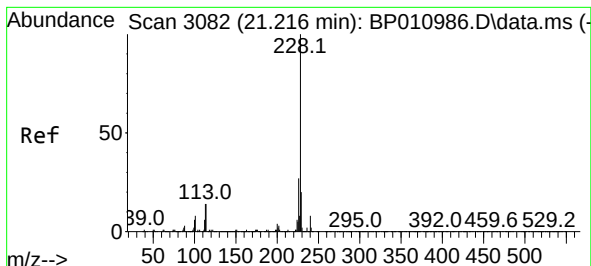
Tgt Ion:149 Resp: 812846
Ion Ratio Lower Upper
149 100
91 75.2 60.0 90.0
206 18.9 17.4 26.2



#84
3,3'-Dichlorobenzidine
Concen: 18.264 ng/ul
RT: 21.157 min Scan# 3072
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:252 Resp: 570326
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 15.8 8.6 12.8





#85

Benzo(a)anthracene

Concen: 17.795 ng/ul

RT: 21.216 min Scan# 3082

Delta R.T. -0.012 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

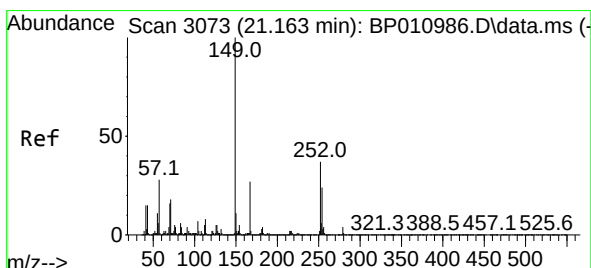
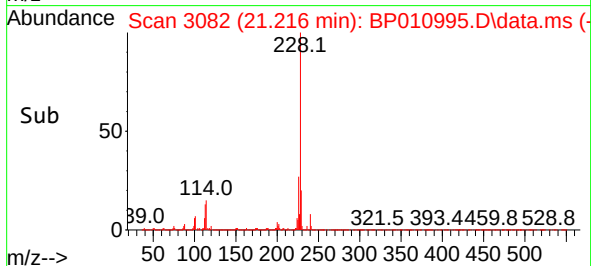
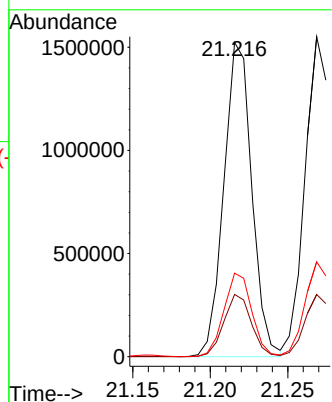
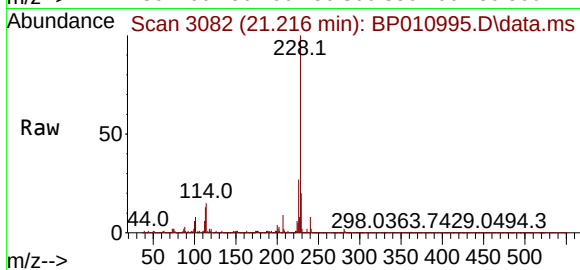
Tgt Ion:228 Resp: 1911246

Ion Ratio Lower Upper

228 100

229 19.8 15.0 22.4

226 26.6 20.6 31.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 16.601 ng/ul

RT: 21.157 min Scan# 3072

Delta R.T. -0.012 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

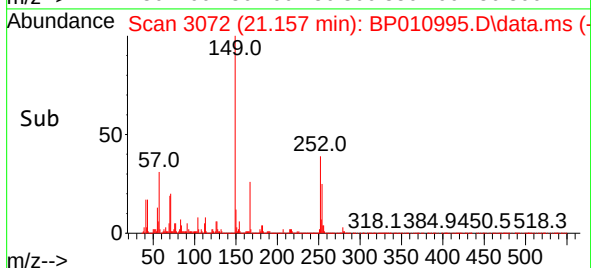
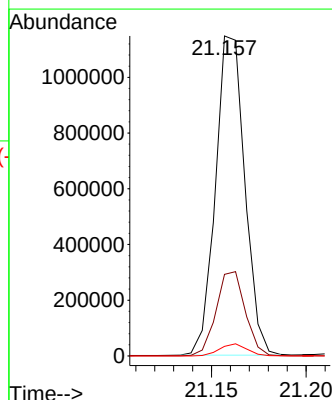
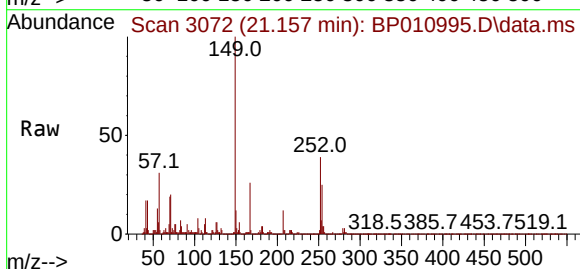
Tgt Ion:149 Resp: 1235036

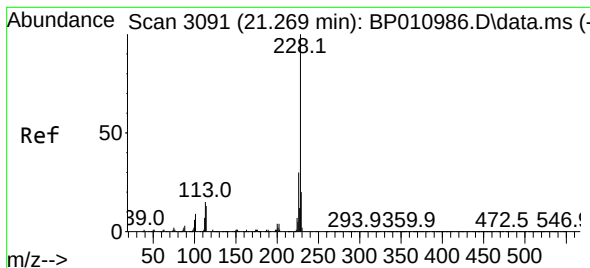
Ion Ratio Lower Upper

149 100

167 25.5 22.6 33.8

279 3.0 4.2 6.4





#87

Chrysene

Concen: 17.806 ng/ul

RT: 21.269 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

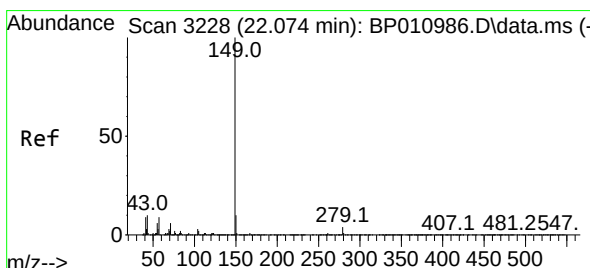
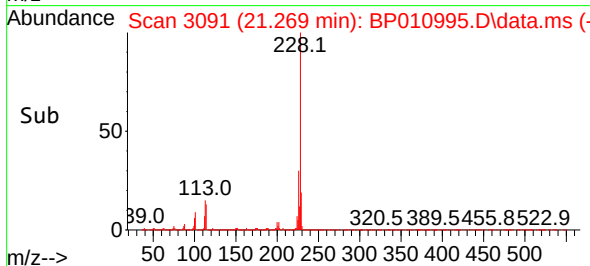
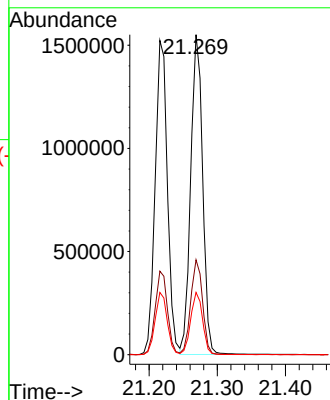
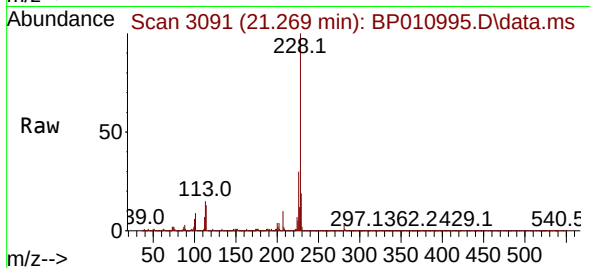
Tgt Ion:228 Resp: 1877786

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 16.715 ng/ul

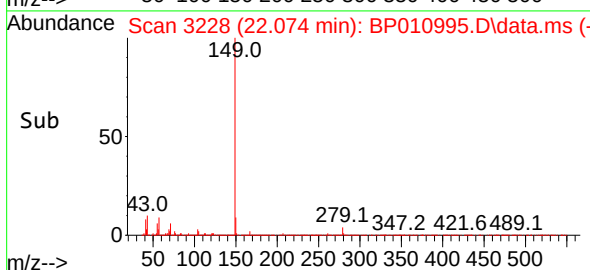
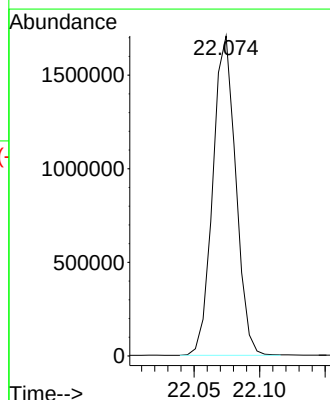
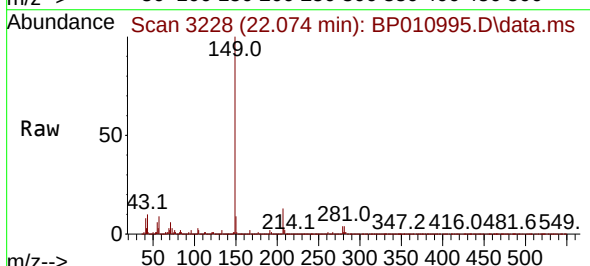
RT: 22.074 min Scan# 3228

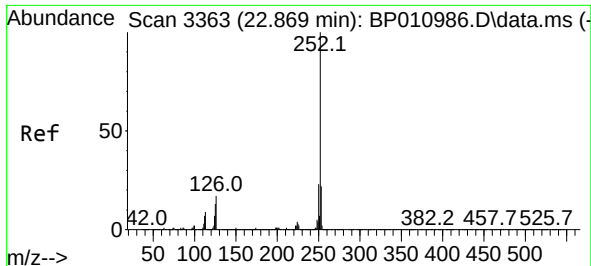
Delta R.T. -0.012 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Tgt Ion:149 Resp: 2072227

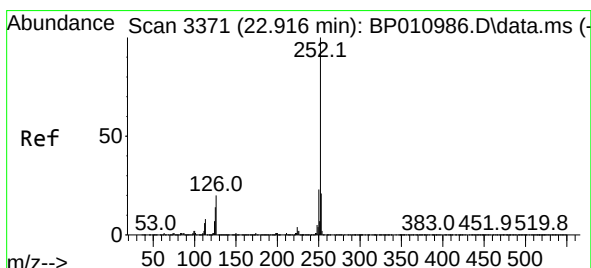
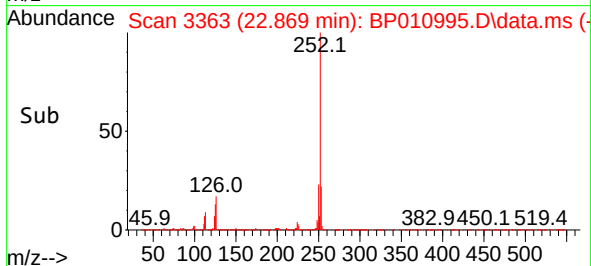
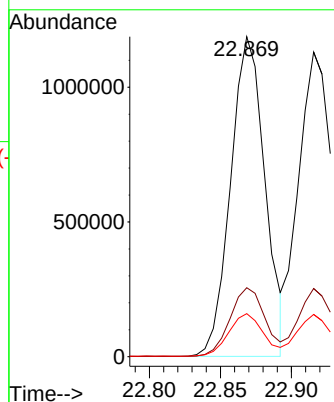
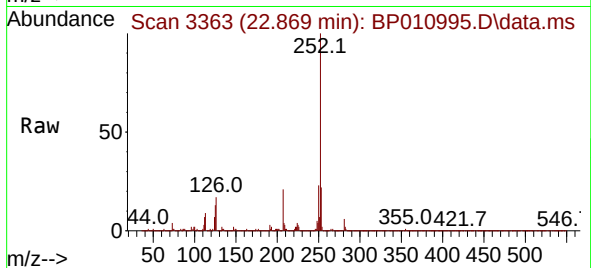




#90
Benzo(b)fluoranthene
Concen: 17.507 ng/ul
RT: 22.869 min Scan# 3363
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

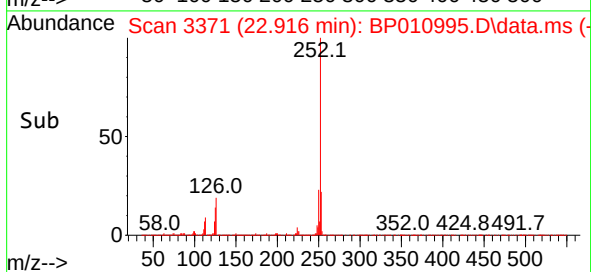
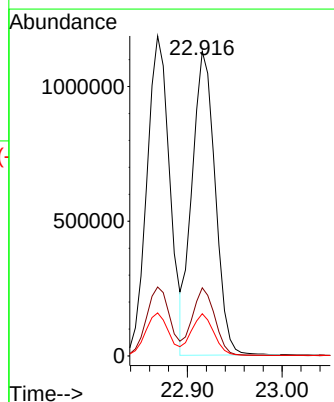
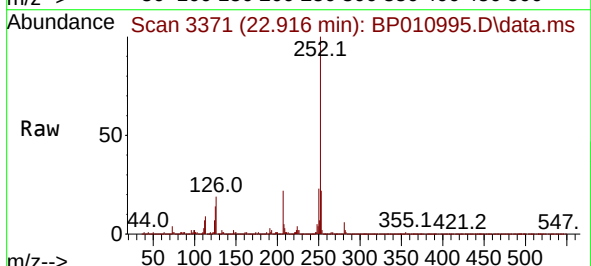
Instrument :
BNA_P
ClientSampleId :
SSTD020701

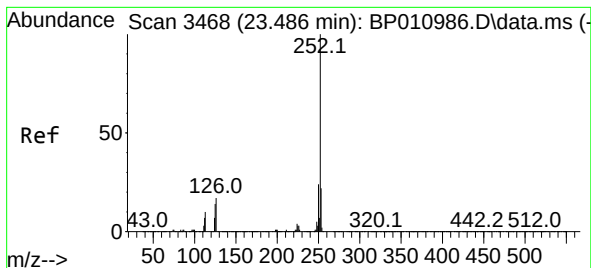
Tgt Ion:252 Resp: 1998290
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 13.4 6.2 9.2#



#91
Benzo(k)fluoranthene
Concen: 17.829 ng/ul
RT: 22.916 min Scan# 3371
Delta R.T. -0.012 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:252 Resp: 1911486
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 13.9 6.2 9.4#





#93

Benzo(a)pyrene

Concen: 17.765 ng/ul

RT: 23.480 min Scan# 3468

Delta R.T. -0.018 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

Instrument :

BNA_P

ClientSampleId :

SSTD020701

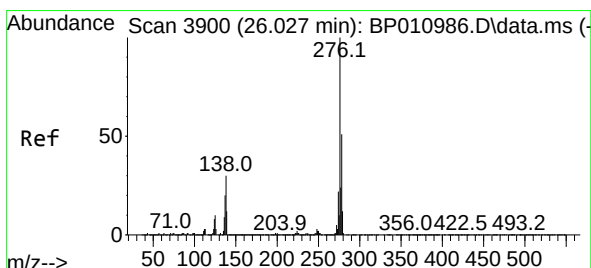
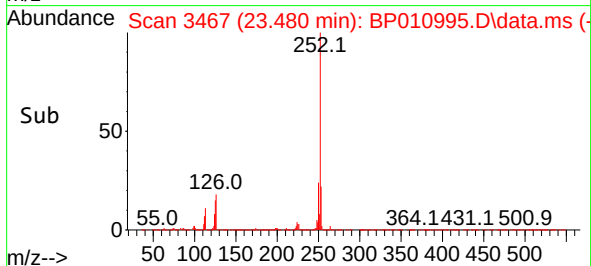
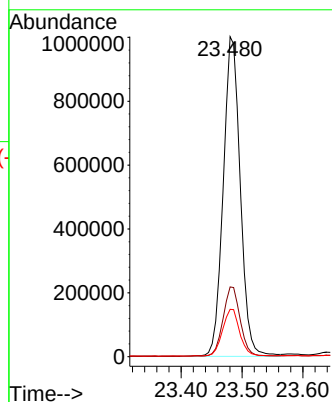
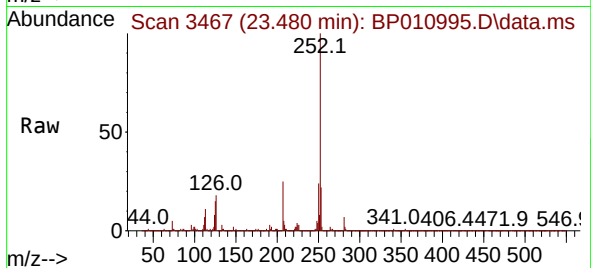
Tgt Ion:252 Resp: 1947337

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 14.8 6.6 10.0#



#94

Indeno(1,2,3-cd)pyrene

Concen: 17.840 ng/ul

RT: 26.027 min Scan# 3900

Delta R.T. -0.018 min

Lab File: BP010995.D

Acq: 18 Jul 2022 16:26

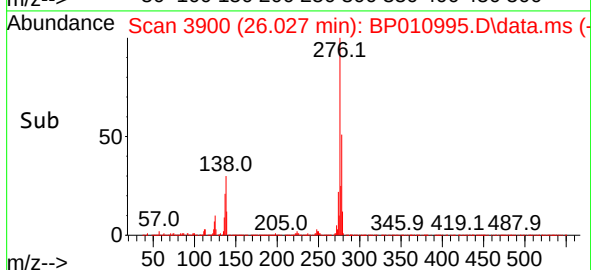
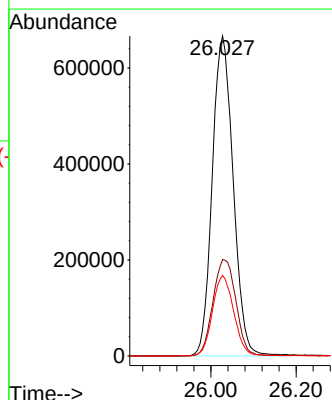
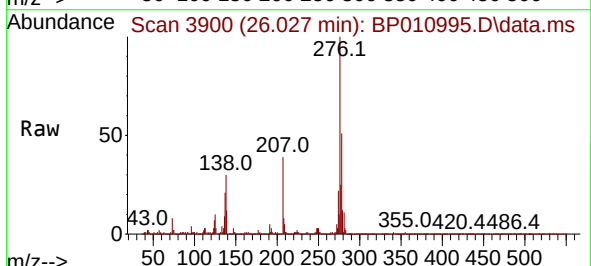
Tgt Ion:276 Resp: 2272593

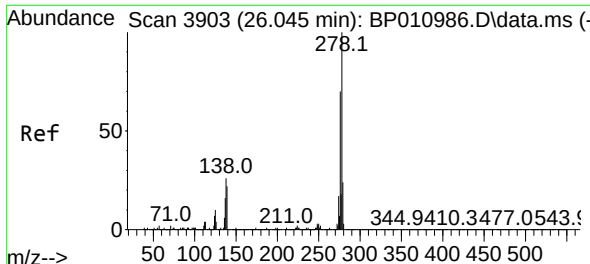
Ion Ratio Lower Upper

276 100

138 30.1 14.6 22.0#

277 25.2 19.6 29.4

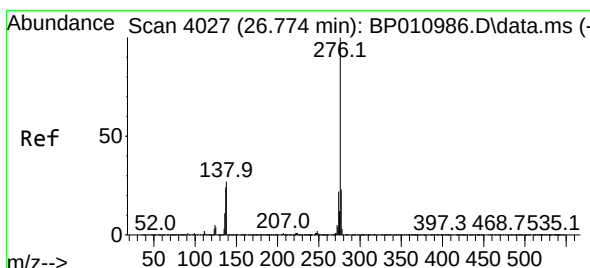
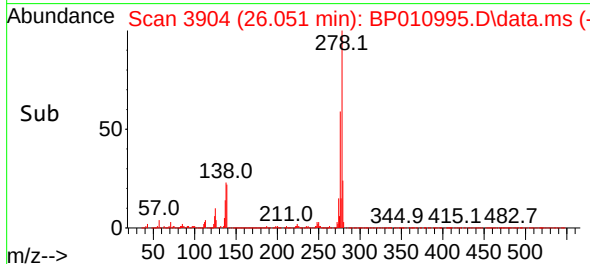
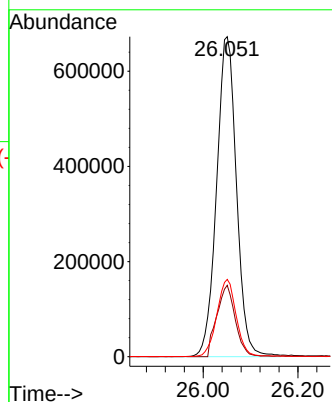
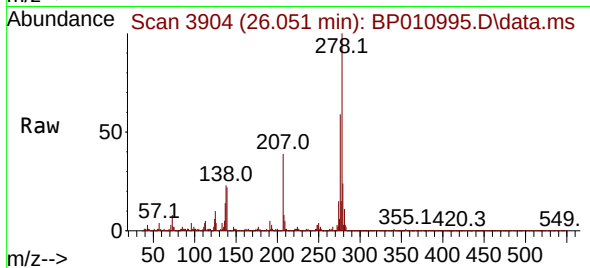




#95
Dibenzo(a,h)anthracene
Concen: 17.759 ng/ul
RT: 26.051 min Scan# 3903
Delta R.T. -0.018 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Instrument :
BNA_P
ClientSampleId :
SSTD020701

Tgt Ion:278 Resp: 1957571
Ion Ratio Lower Upper
278 100
139 22.3 9.4 14.2#
279 24.2 18.9 28.3



#96
Benzo(g,h,i)perylene
Concen: 17.917 ng/ul
RT: 26.774 min Scan# 4027
Delta R.T. -0.018 min
Lab File: BP010995.D
Acq: 18 Jul 2022 16:26

Tgt Ion:276 Resp: 1943903
Ion Ratio Lower Upper
276 100
138 28.4 12.7 19.1#
277 24.0 18.2 27.4

