

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019076.D
 Acq On : 26 Dec 2023 10:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Quant Time: Dec 26 21:46:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	128812	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.604	136	476532	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	272010	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.198	188	598075	20.000	ng/ul	-0.01
79) Chrysene-d12	21.292	240	681852	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	861243	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	31129	8.235	ng/uL	0.00
4) Pyridine-d5	3.663	84	198473	19.602	ng/ul	0.00
7) Phenol-d5	6.993	99	225573	17.450	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	136841	17.861	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.346	132	178604	17.707	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	168398	16.097	ng/ul	-0.01
21) Nitrobenzene-d5	8.975	128	80524	18.986	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.698	143	83501	18.989	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	169066	18.803	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.751	131	209699	17.846	ng/ul	-0.01
46) Dimethylphthalate-d6	13.863	166	436906	17.997	ng/ul	-0.01
49) Acenaphthylene-d8	14.139	160	509880	19.073	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.663	143	71461	17.932	ng/ul	0.00
60) Fluorene-d10	15.439	176	389254	19.101	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.569	200	68623	19.136	ng/ul	0.00
73) Anthracene-d10	17.298	188	606511	19.290	ng/ul	0.00
81) Pyrene-d10	19.539	212	768624	14.481	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	933178	18.583	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	32812	7.916	ng/uL	97
5) Pyridine	3.681	79	202752	19.830	ng/ul	97
6) Benzaldehyde	6.957	77	104678	15.684	ng/ul	97
8) Phenol	7.016	94	226522	17.869	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.245	93	185187	17.788	ng/ul	99
12) 2-Chlorophenol	7.375	128	181945	17.823	ng/ul	98
13) 2-Methylphenol	8.263	108	162383	16.732	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	220437	16.687	ng/ul	98
16) Acetophenone	8.640	105	262193	16.817	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.628	70	123876	14.443	ng/ul	98
18) 4-Methylphenol	8.592	108	173552	16.377	ng/ul	98
19) Hexachloroethane	8.887	117	76855	18.364	ng/ul	87
22) Nitrobenzene	9.016	77	197817	19.183	ng/ul	99
23) Isophorone	9.545	82	334070	15.889	ng/ul	97
25) 2-Nitrophenol	9.728	139	90111	19.139	ng/ul	97
26) 2,4-Dimethylphenol	9.792	107	166671	18.101	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	223825	16.862	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	162885	18.807	ng/ul	98
30) Naphthalene	10.657	128	545273	18.862	ng/ul	99
32) 4-Chloroaniline	10.775	127	205571	18.355	ng/ul	98
33) Hexachlorobutadiene	10.939	225	128135	22.091	ng/ul	99
34) Caprolactam	11.557	113	37848	14.252	ng/ul	94
35) 4-Chloro-3-methylphenol	11.904	107	158196	16.305	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	360862	17.620	ng/ul	99

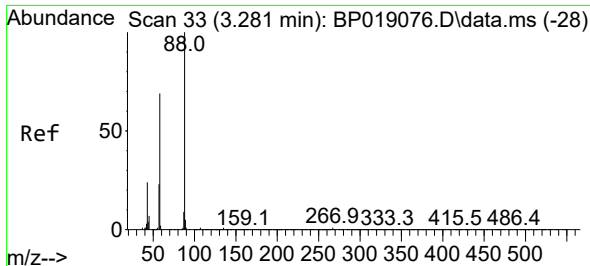
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	361614	17.484	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.639	216	224642	22.763	ng/ul	95
40) Hexachlorocyclopentadiene	12.610	237	108351	18.523	ng/ul	96
41) 2,4,6-Trichlorophenol	12.881	196	125900	19.831	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	136828	19.880	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	457494	19.447	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	367029	19.754	ng/ul	99
45) 2-Nitroaniline	13.539	65	88939	17.657	ng/ul	99
47) Dimethylphthalate	13.910	163	432362	18.092	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	79187	17.539	ng/ul	99
50) Acenaphthylene	14.169	152	574400	19.111	ng/ul	99
51) 3-Nitroaniline	14.363	138	79299	17.595	ng/ul	99
52) Acenaphthene	14.510	153	383952	19.321	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	42424	17.729	ng/ul	93
55) 4-Nitrophenol	14.680	109	58324	19.372	ng/ul	95
56) Dibenzofuran	14.845	168	541543	19.607	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	118097	18.595	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	113881	19.725	ng/ul	94
59) Diethylphthalate	15.274	149	406559	17.386	ng/ul	100
61) Fluorene	15.498	166	428211	19.593	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	226461	19.757	ng/ul	99
63) 4-Nitroaniline	15.527	138	79832	18.593	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.580	198	73858	19.264	ng/ul#	97
67) N-Nitrosodiphenylamine	15.710	169	358350	18.082	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	142987	18.938	ng/ul	94
69) Hexachlorobenzene	16.498	284	172600	20.474	ng/ul	99
70) Atrazine	16.669	200	77650	13.179	ng/ul	97
71) Pentachlorophenol	16.851	266	93027	18.555	ng/ul	98
72) Phenanthrene	17.239	178	705698	19.537	ng/ul	99
74) Anthracene	17.333	178	710021	19.610	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	210273	20.333	ng/uL	98
76) Pentachlorobenzene	14.763	250	207256	20.403	ng/uL	99
77) Carbazole	17.610	167	636747	22.066	ng/ul	99
78) Di-n-butylphthalate	18.163	149	648232	16.871	ng/ul	99
80) Fluoranthene	19.215	202	872897	13.913	ng/ul	95
82) Pyrene	19.568	202	929939	14.693	ng/ul	94
83) Butylbenzylphthalate	20.445	149	307879	13.287	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.215	252	322876	19.486	ng/ul	98
85) Benzo(a)anthracene	21.274	228	1020129	18.432	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	444073	13.944	ng/ul	98
87) Chrysene	21.327	228	963060	18.896	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	810065	12.882	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	1116421	17.581	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	1114762	18.144	ng/ul	99
93) Benzo(a)pyrene	23.545	252	1066252	18.377	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.092	276	1404215	20.256	ng/ul	96
95) Dibenzo(a,h)anthracene	26.109	278	1167322	20.242	ng/ul	97
96) Benzo(g,h,i)perylene	26.844	276	1150474	20.621	ng/ul	95

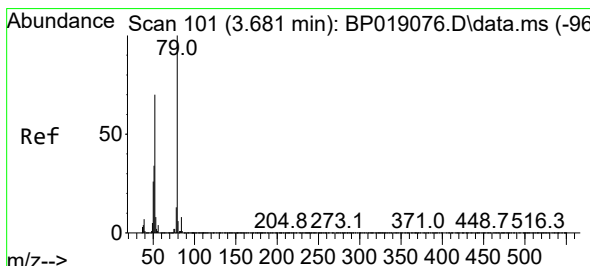
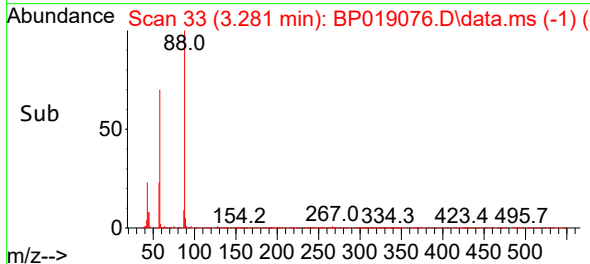
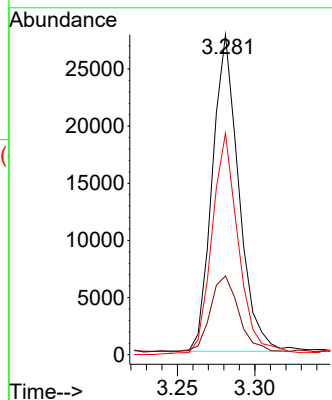
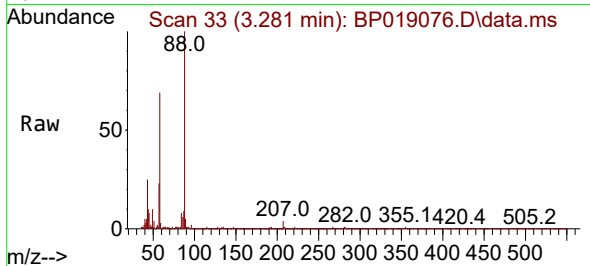
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#2
1,4-Dioxane
Concen: 7.916 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

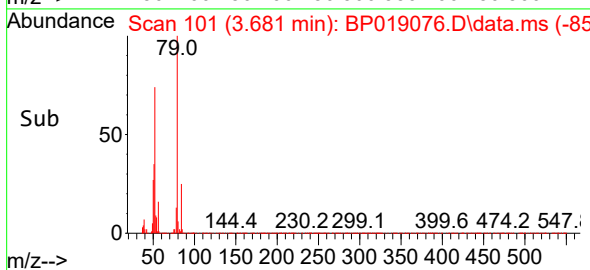
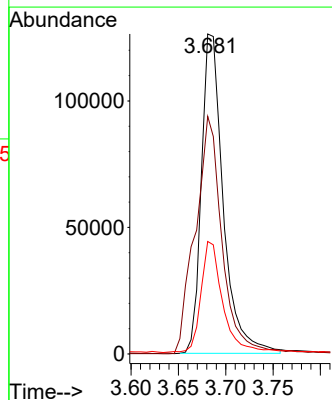
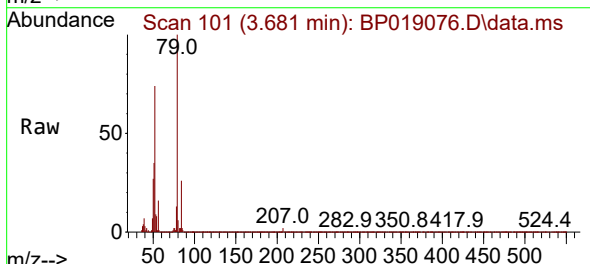
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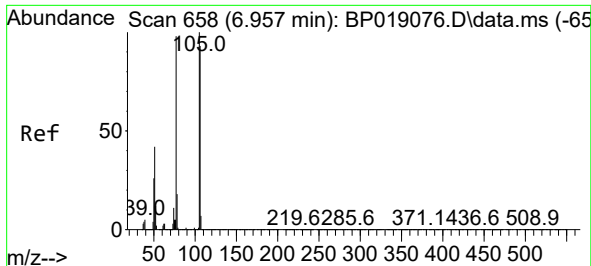
Tgt Ion: 88 Resp: 32812
Ion Ratio Lower Upper
88 100
43 24.6 21.8 32.6
58 69.2 56.5 84.7



#5
Pyridine
Concen: 19.830 ng/uL
RT: 3.681 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion: 79 Resp: 202752
Ion Ratio Lower Upper
79 100
52 74.3 57.4 86.0
51 35.1 26.2 39.4

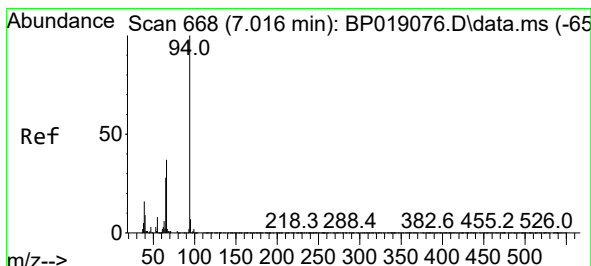
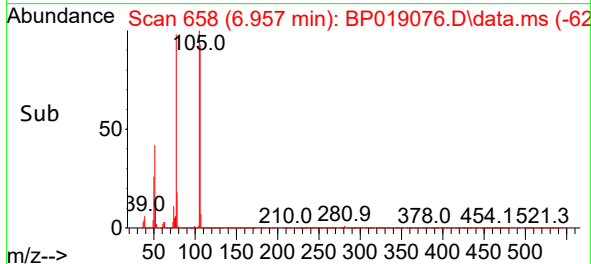
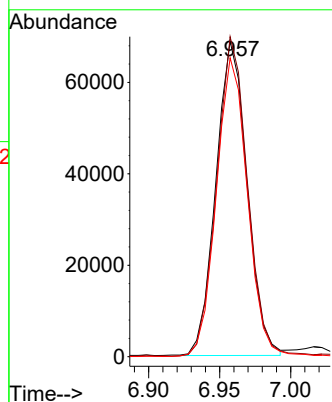
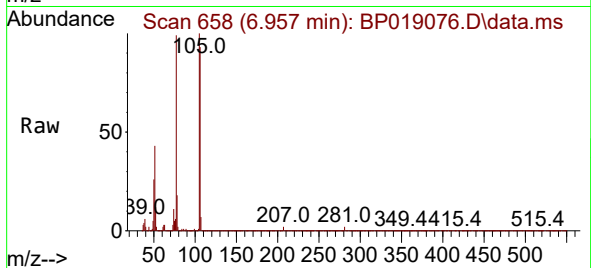




#6
Benzaldehyde
Concen: 15.684 ng/ul
RT: 6.957 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

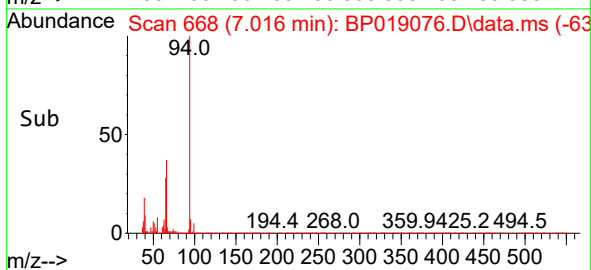
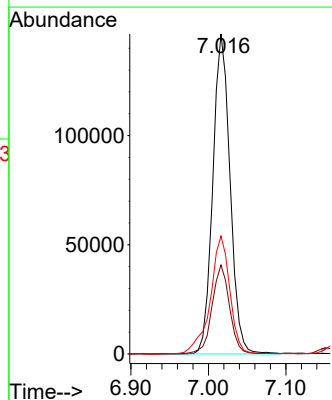
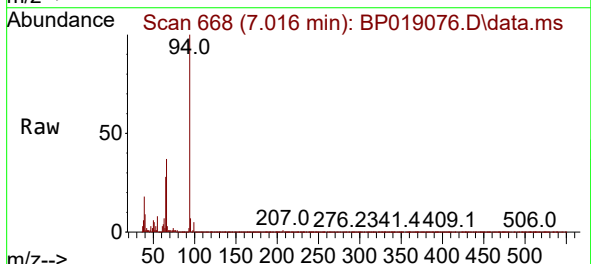
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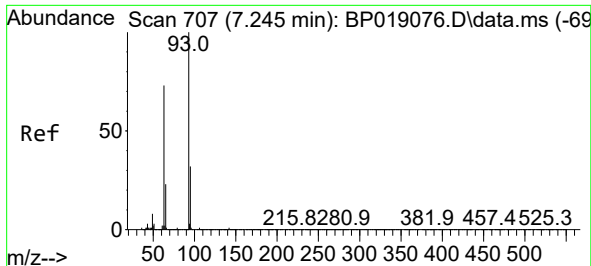
Tgt Ion: 77 Resp: 104678
Ion Ratio Lower Upper
77 100
105 101.4 77.9 116.9
106 94.7 74.6 111.8



#8
Phenol
Concen: 17.869 ng/ul
RT: 7.016 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion: 94 Resp: 226522
Ion Ratio Lower Upper
94 100
65 27.8 21.0 31.6
66 36.9 28.6 43.0

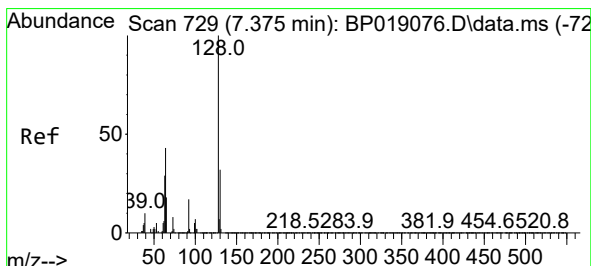
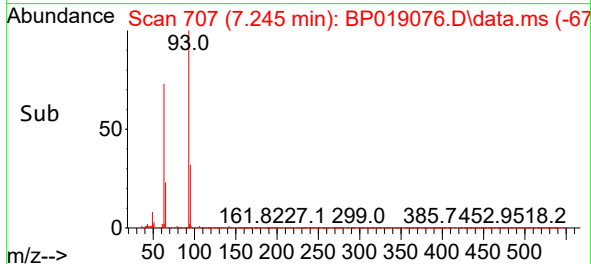
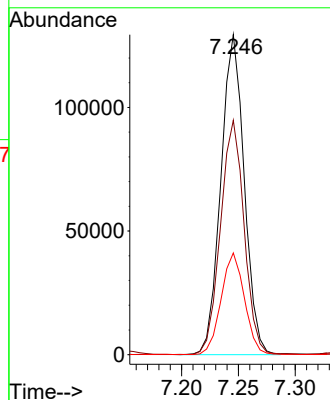
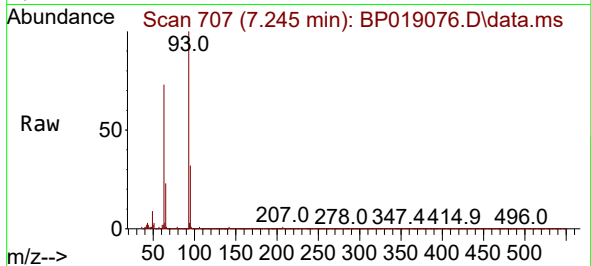




#10
Bis(2-Chloroethyl)ether
Concen: 17.788 ng/ul
RT: 7.245 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

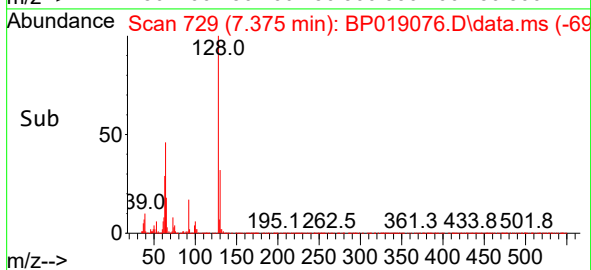
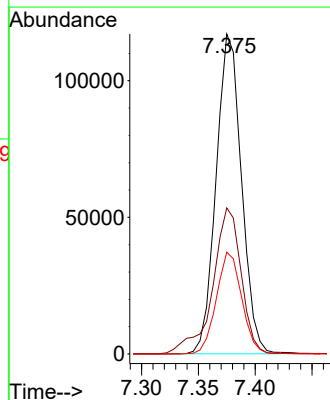
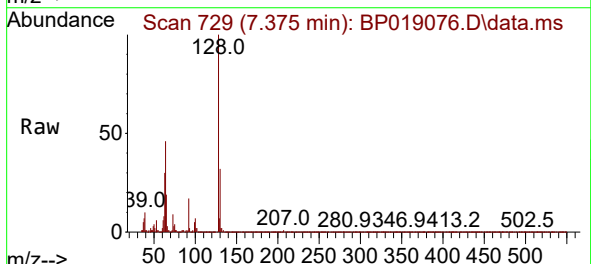
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ClientSampleId :
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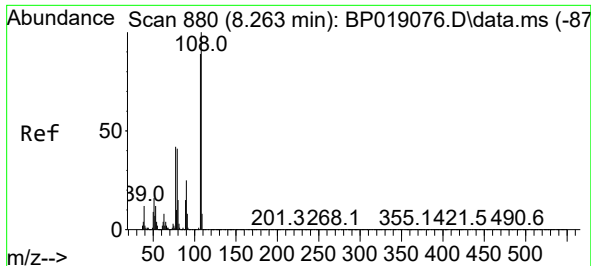
Tgt Ion: 93 Resp: 185187
Ion Ratio Lower Upper
93 100
63 73.2 58.3 87.5
95 31.8 25.9 38.9



#12
2-Chlorophenol
Concen: 17.823 ng/ul
RT: 7.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:128 Resp: 181945
Ion Ratio Lower Upper
128 100
64 45.6 37.0 55.4
130 31.8 26.8 40.2





#13

2-Methylphenol

Concen: 16.732 ng/ul

RT: 8.263 min Scan# 880

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

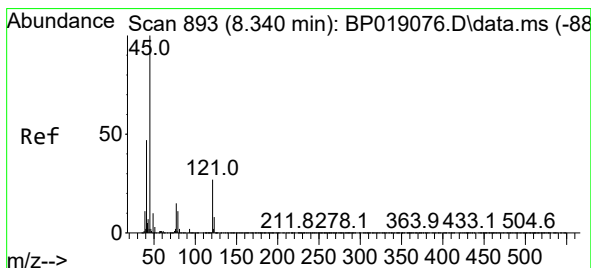
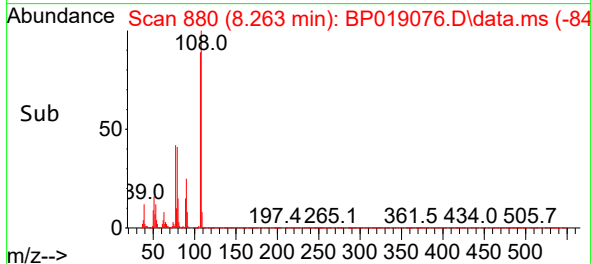
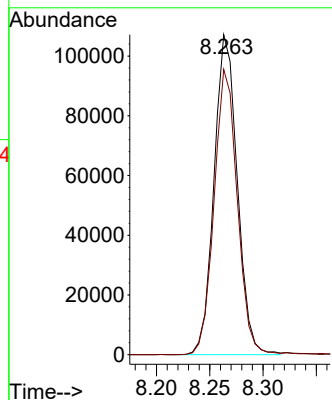
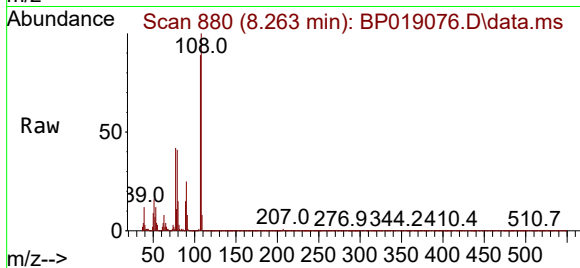
SSTD020723

Tgt Ion:108 Resp: 162383

Ion Ratio Lower Upper

108 100

107 89.1 70.6 105.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.687 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

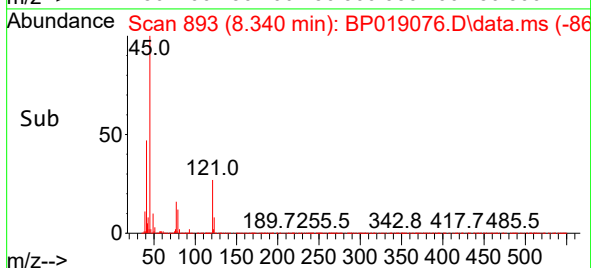
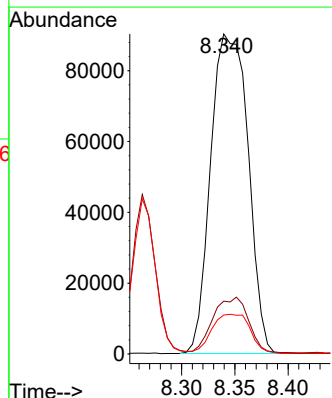
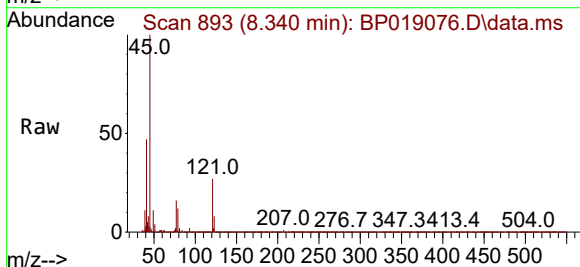
Tgt Ion: 45 Resp: 220437

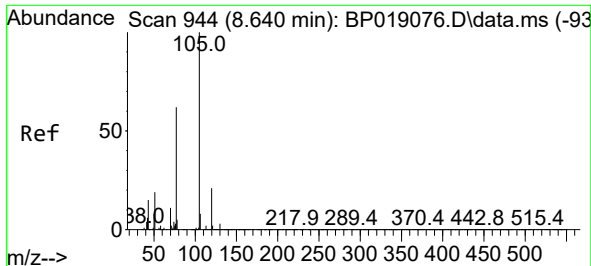
Ion Ratio Lower Upper

45 100

77 16.5 12.7 19.1

79 12.2 10.5 15.7

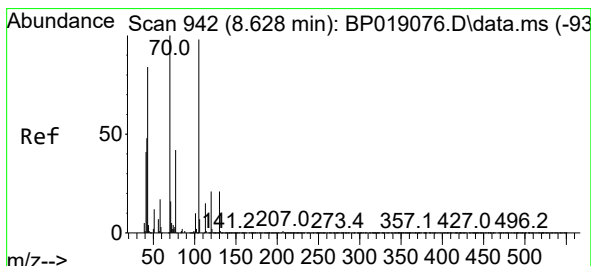
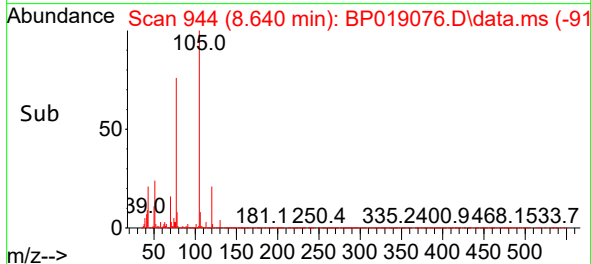
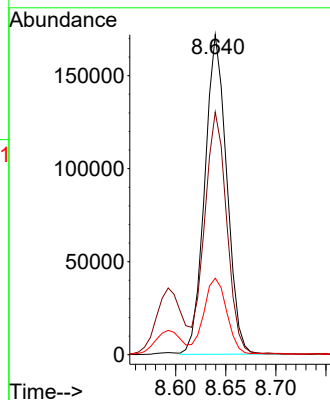
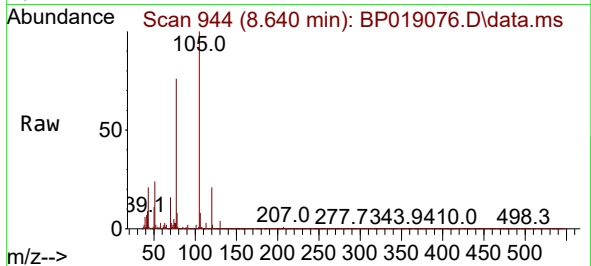




#16
Acetophenone
Concen: 16.817 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

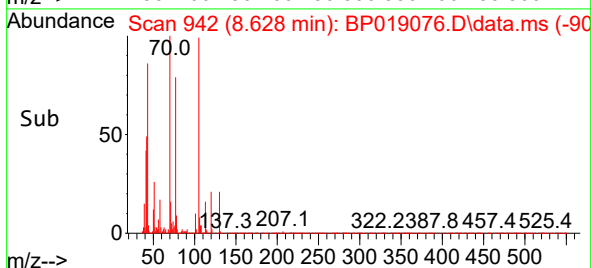
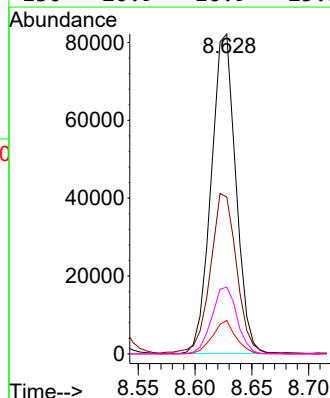
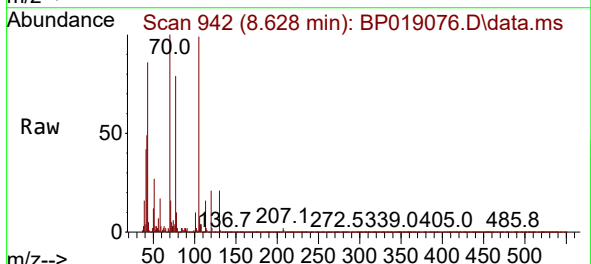
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SSTD020723

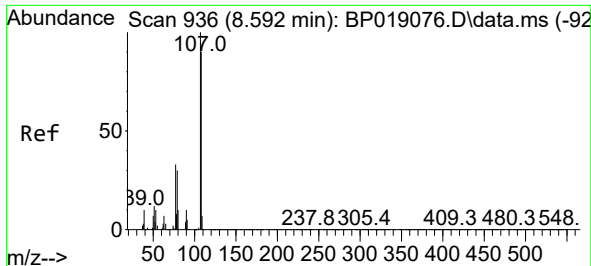
Tgt Ion:105 Resp: 262193
Ion Ratio Lower Upper
105 100
77 75.9 59.4 89.0
51 23.9 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 14.443 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion: 70 Resp: 123876
Ion Ratio Lower Upper
70 100
42 49.0 41.0 61.4
101 10.5 7.8 11.8
130 20.9 16.9 25.3

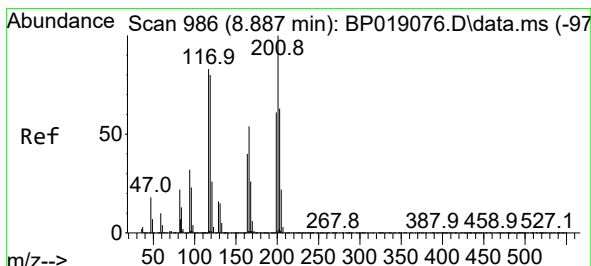
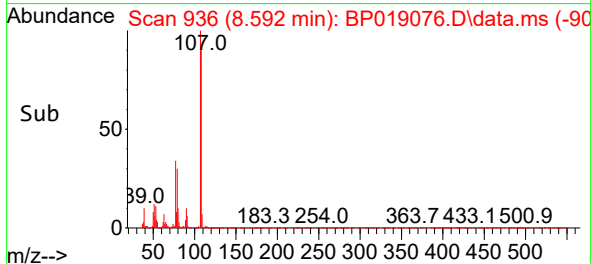
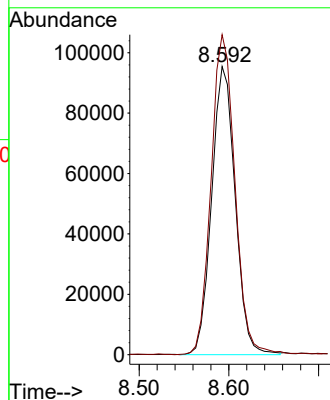
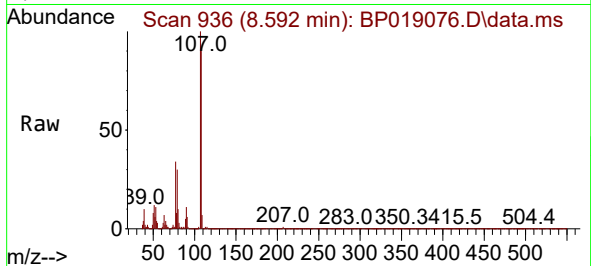




#18
4-Methylphenol
Concen: 16.377 ng/ul
RT: 8.592 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

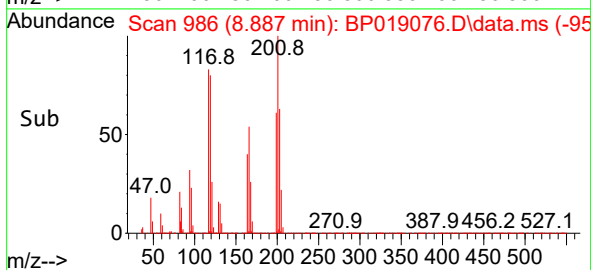
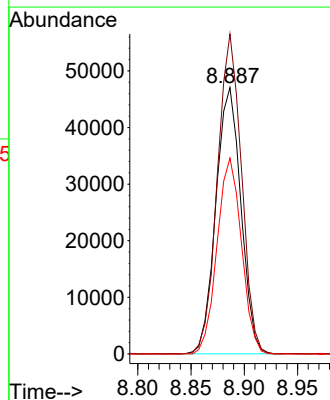
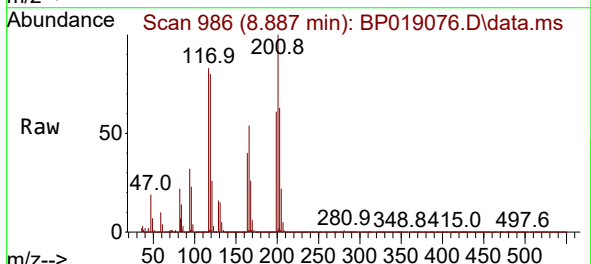
Instrument :
BNA_P
ClientSampleId :
SSTD020723

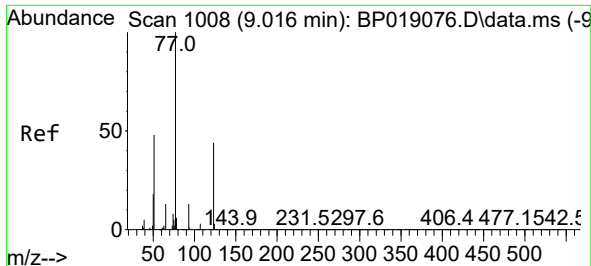
Tgt Ion:108 Resp: 173552
Ion Ratio Lower Upper
108 100
107 111.1 90.6 136.0



#19
Hexachloroethane
Concen: 18.364 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:117 Resp: 76855
Ion Ratio Lower Upper
117 100
201 120.1 83.7 125.5
199 73.5 52.3 78.5

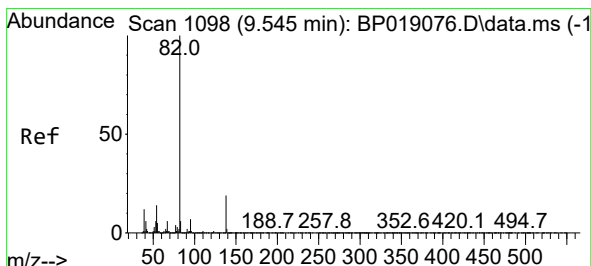
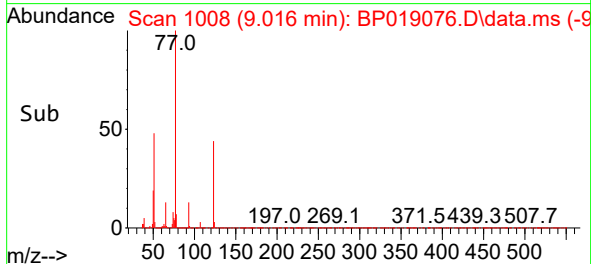
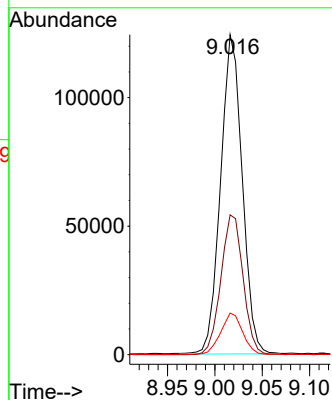
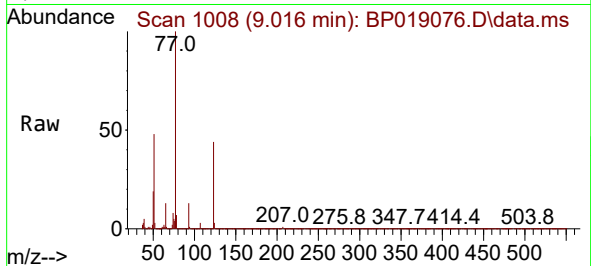




#22
Nitrobenzene
Concen: 19.183 ng/ul
RT: 9.016 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

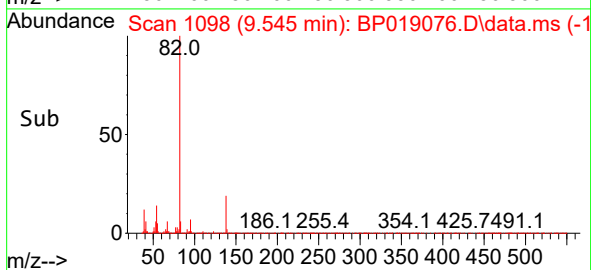
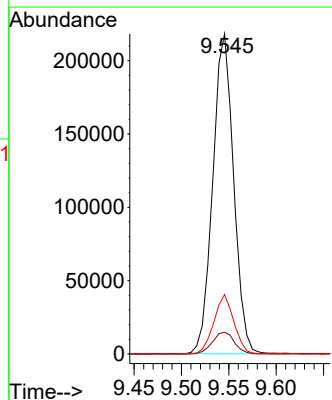
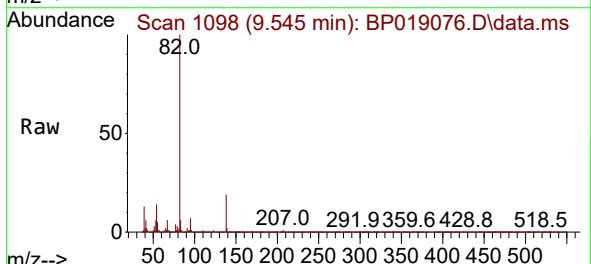
Instrument :
BNA_P
ClientSampleId :
SSTD020723

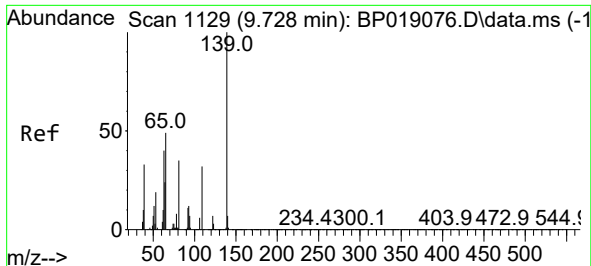
Tgt Ion: 77 Resp: 197817
Ion Ratio Lower Upper
77 100
123 43.7 35.8 53.8
65 13.0 10.5 15.7



#23
Isophorone
Concen: 15.889 ng/ul
RT: 9.545 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion: 82 Resp: 334070
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.5 13.5 20.3

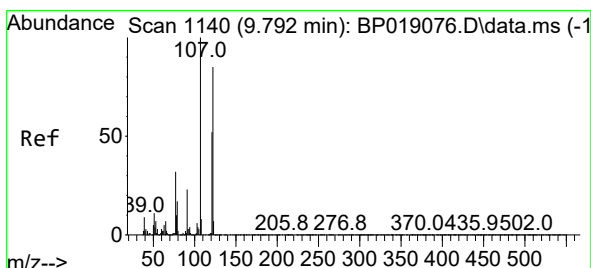
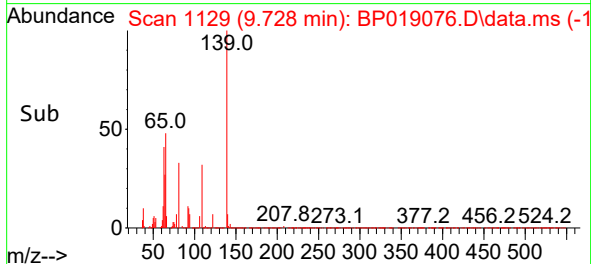
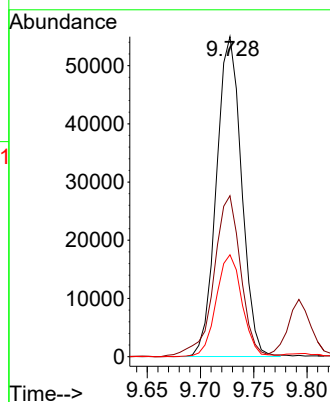
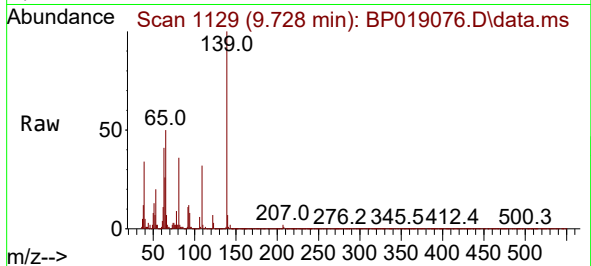




#25
2-Nitrophenol
Concen: 19.139 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

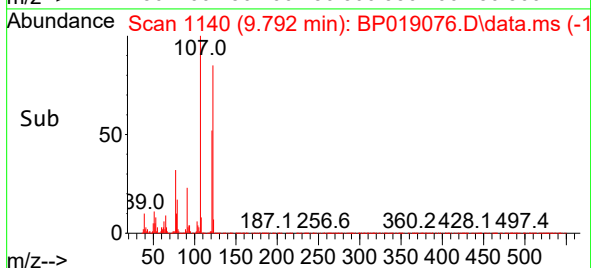
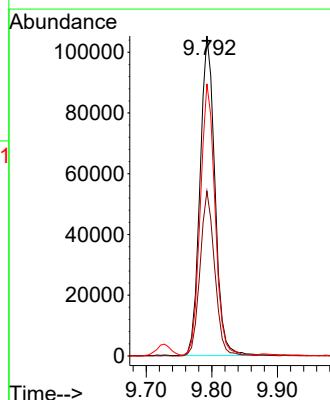
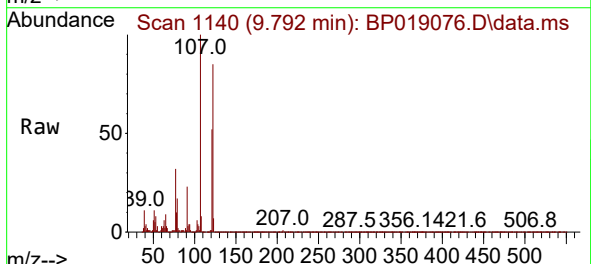
Instrument :
BNA_P
ClientSampleId :
SSTD020723

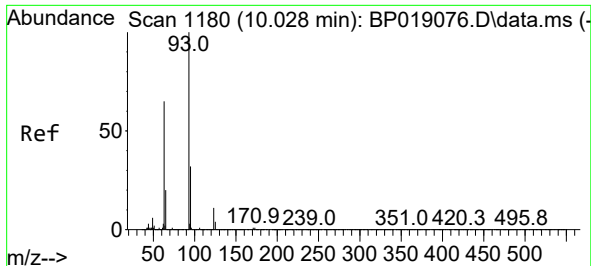
Tgt Ion	Ratio	Lower	Upper
139	100		
65	50.3	39.1	58.7
109	31.8	23.8	35.6



#26
2,4-Dimethylphenol
Concen: 18.101 ng/ul
RT: 9.792 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.5	40.0	60.0
122	85.1	69.1	103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 16.862 ng/ul

RT: 10.028 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

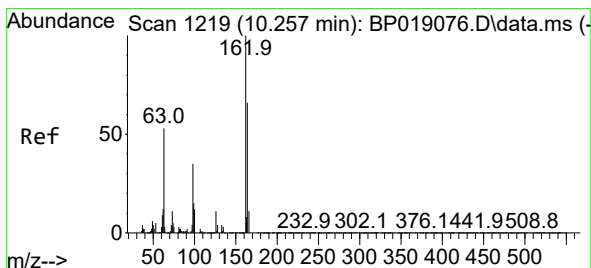
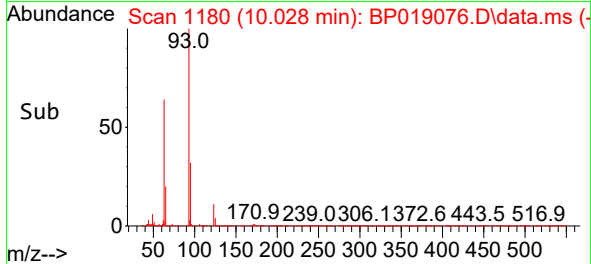
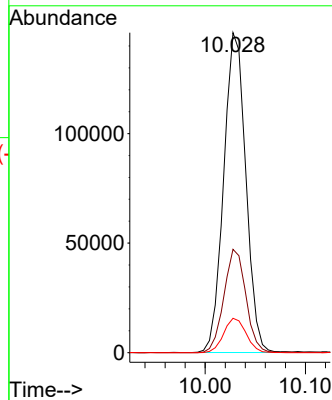
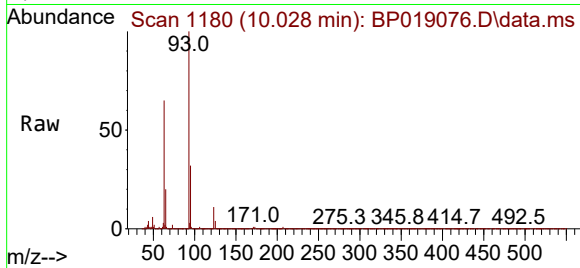
Tgt Ion: 93 Resp: 223825

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 10.8 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 18.807 ng/ul

RT: 10.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

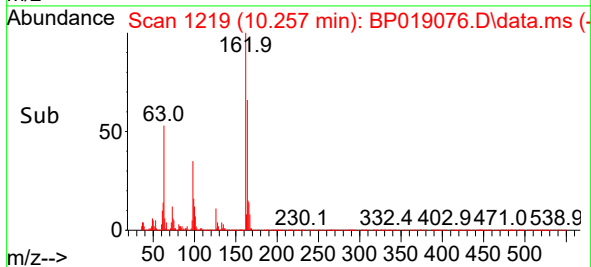
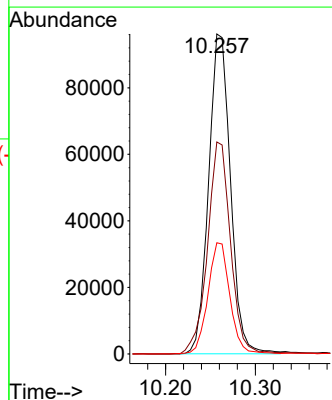
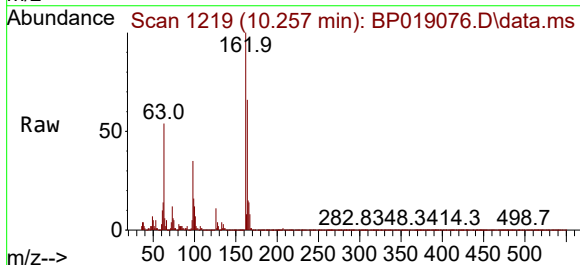
Tgt Ion:162 Resp: 162885

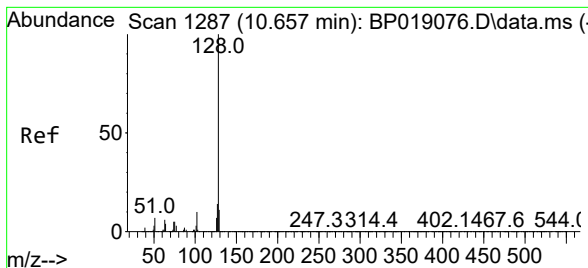
Ion Ratio Lower Upper

162 100

164 66.3 51.7 77.5

98 34.8 29.2 43.8

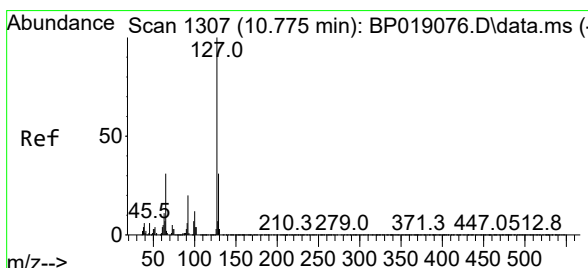
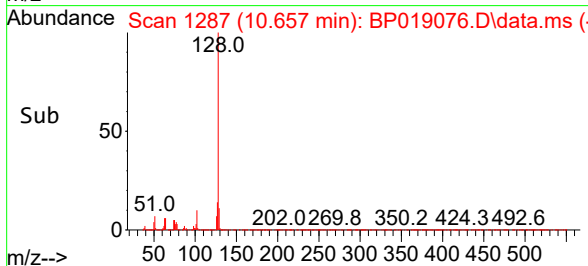
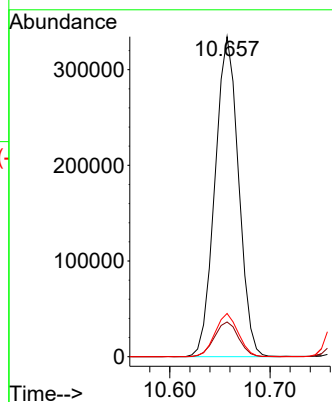
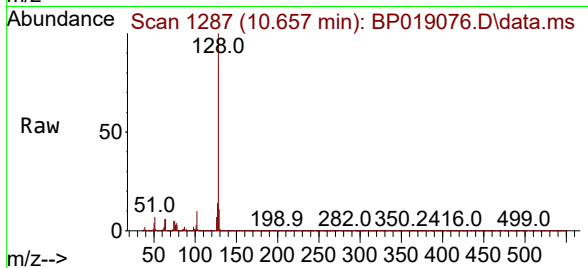




#30
Naphthalene
Concen: 18.862 ng/ul
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

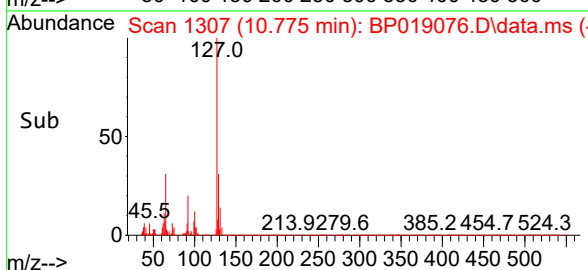
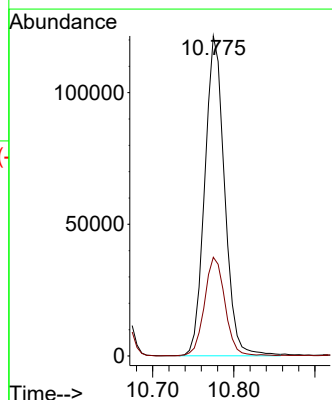
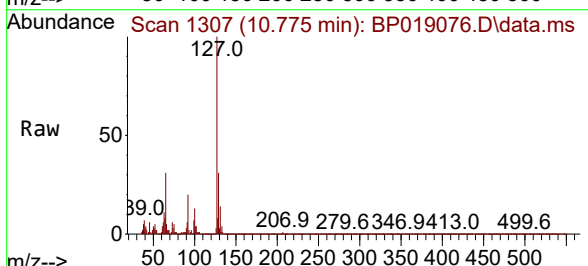
Instrument :
BNA_P
ClientSampleId :
SSTD020723

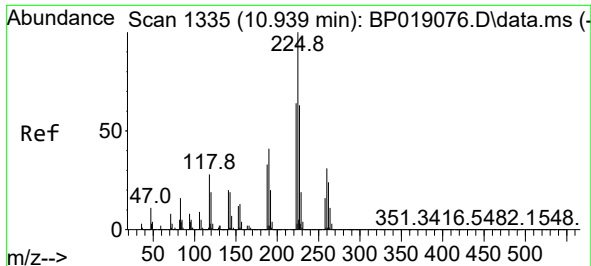
Tgt Ion:128 Resp: 545273
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.5 10.5 15.7



#32
4-Chloroaniline
Concen: 18.355 ng/ul
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:127 Resp: 205571
Ion Ratio Lower Upper
127 100
129 30.8 25.6 38.4

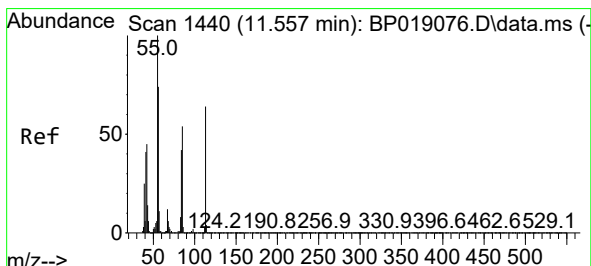
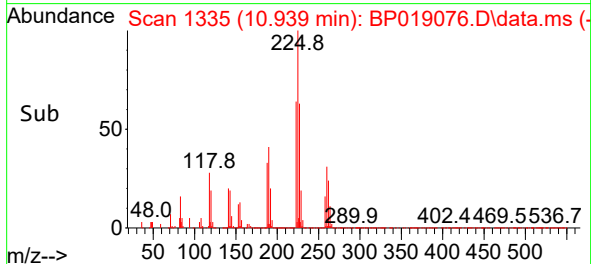
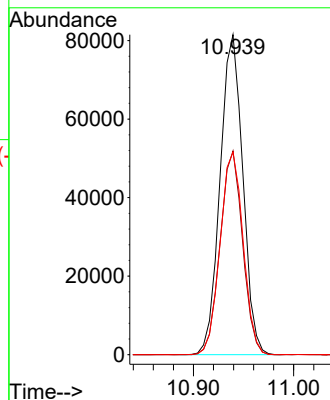
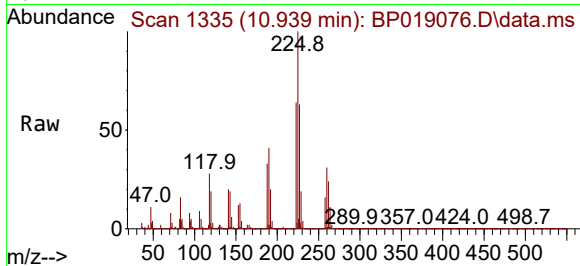




#33
Hexachlorobutadiene
Concen: 22.091 ng/ul
RT: 10.939 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

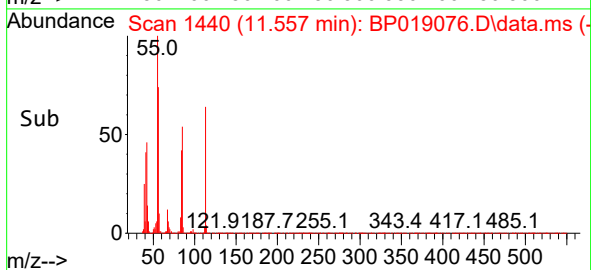
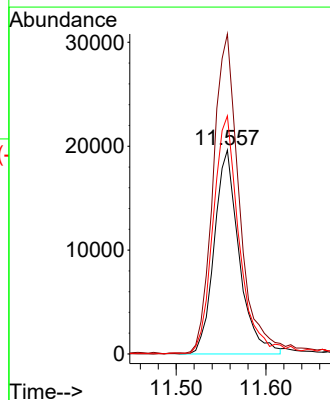
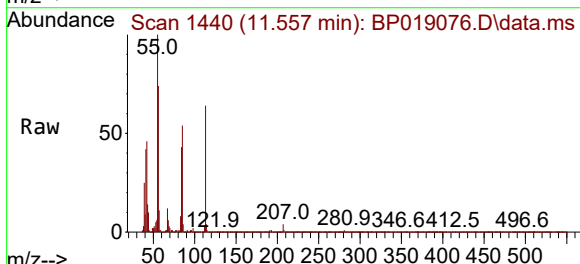
Instrument :
BNA_P
ClientSampleId :
SSTD020723

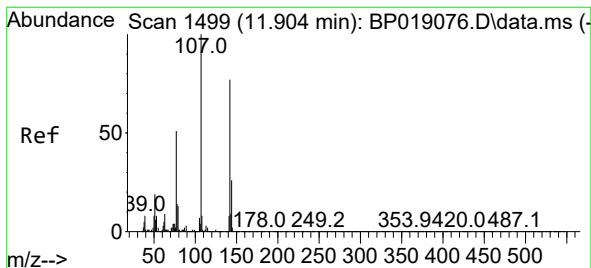
Tgt Ion:225 Resp: 128135
Ion Ratio Lower Upper
225 100
223 63.7 49.5 74.3
227 63.3 50.9 76.3



#34
Caprolactam
Concen: 14.252 ng/ul
RT: 11.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:113 Resp: 37848
Ion Ratio Lower Upper
113 100
55 156.9 133.7 200.5
56 116.7 97.4 146.2

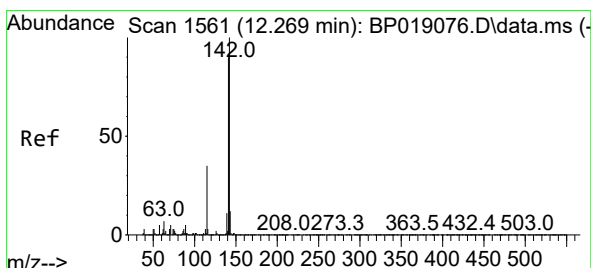
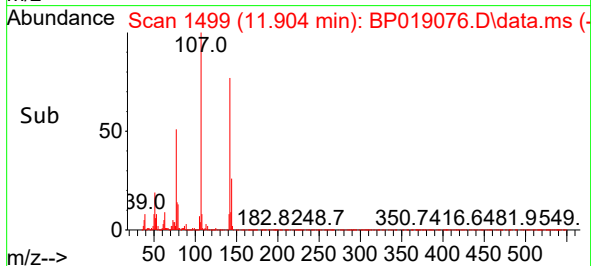
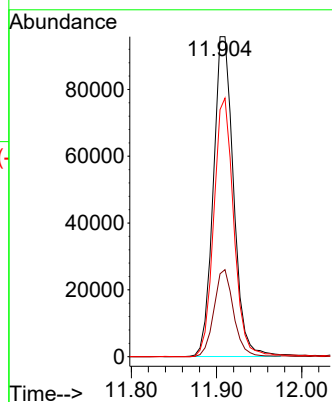
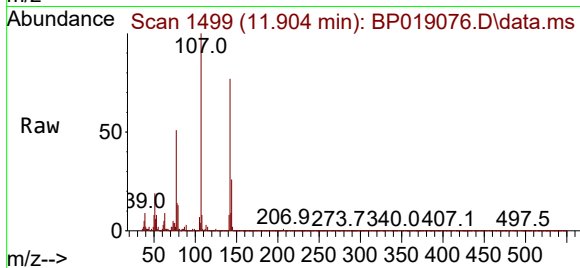




#35
4-Chloro-3-methylphenol
Concen: 16.305 ng/ul
RT: 11.904 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

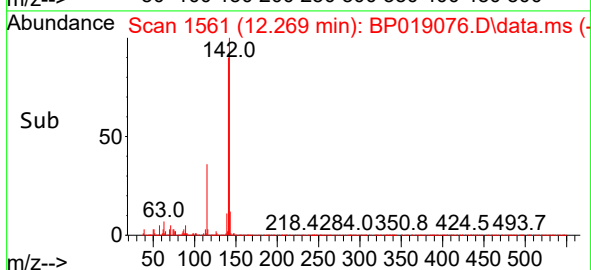
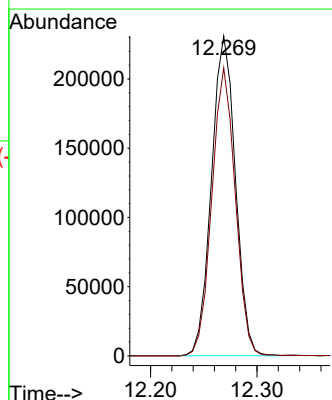
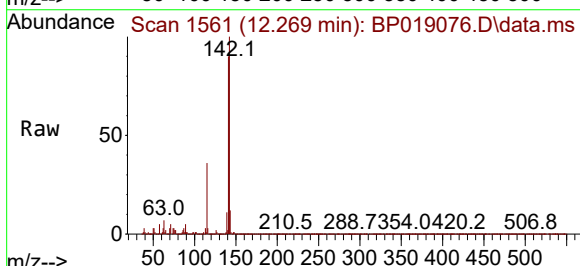
Instrument :
BNA_P
ClientSampleId :
SSTD020723

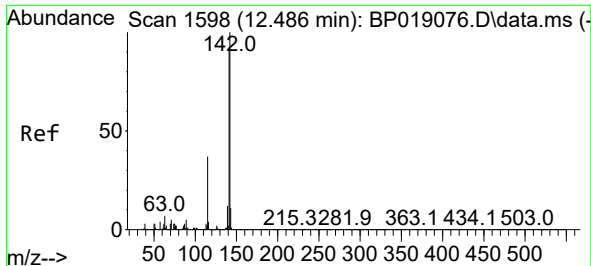
Tgt Ion:107 Resp: 158196
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.6
142 77.2 63.6 95.4



#36
2-Methylnaphthalene
Concen: 17.620 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:142 Resp: 360862
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0





#37

1-Methylnaphthalene

Concen: 17.484 ng/ul

RT: 12.486 min Scan# 1598

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

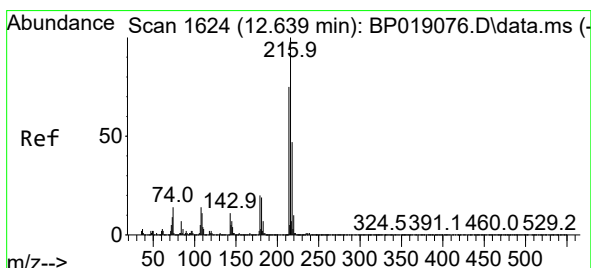
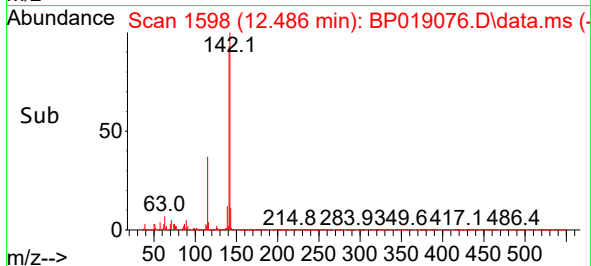
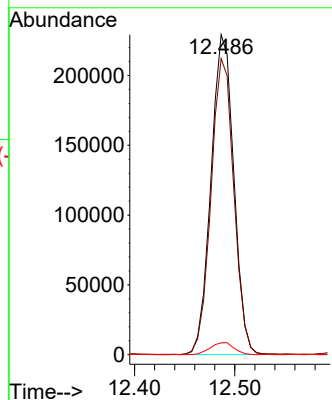
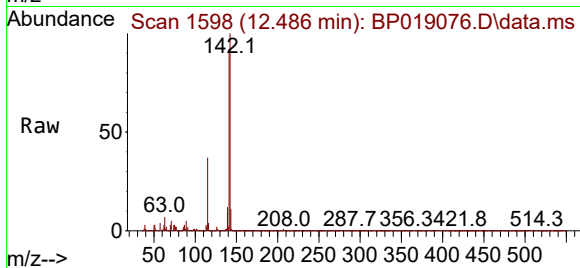
Tgt Ion:142 Resp: 361614

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

116 3.7 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.763 ng/ul

RT: 12.639 min Scan# 1624

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Tgt Ion:216 Resp: 224642

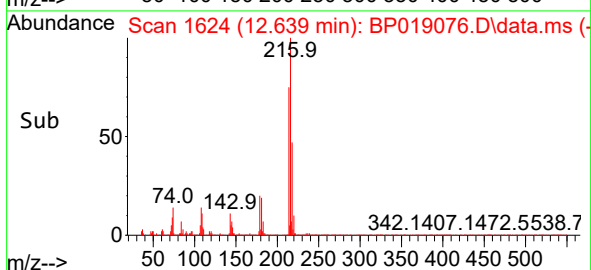
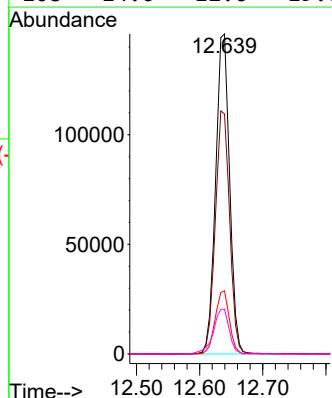
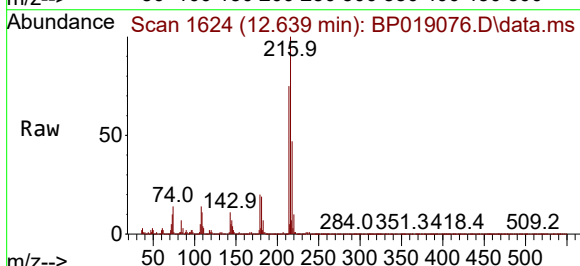
Ion Ratio Lower Upper

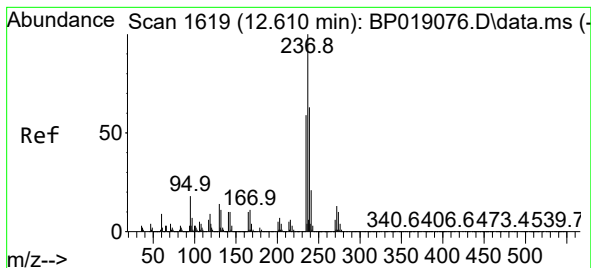
216 100

214 75.0 63.9 95.9

179 19.8 16.3 24.5

108 14.0 12.6 19.0





#40

Hexachlorocyclopentadiene

Concen: 18.523 ng/ul

RT: 12.610 min Scan# 1619

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

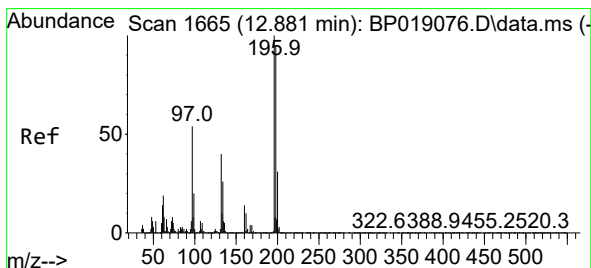
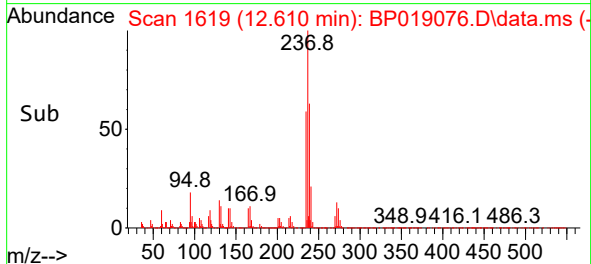
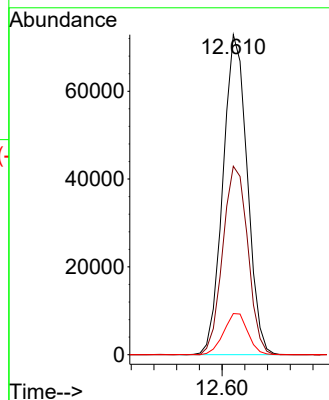
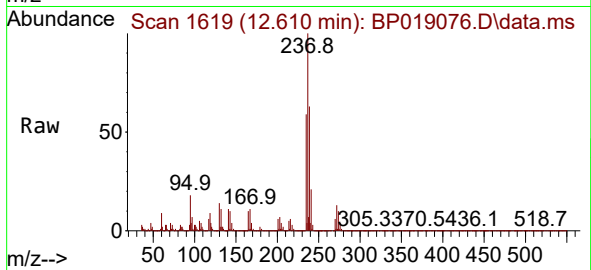
Tgt Ion:237 Resp: 108351

Ion Ratio Lower Upper

237 100

235 58.9 49.4 74.0

272 13.7 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 19.831 ng/ul

RT: 12.881 min Scan# 1665

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

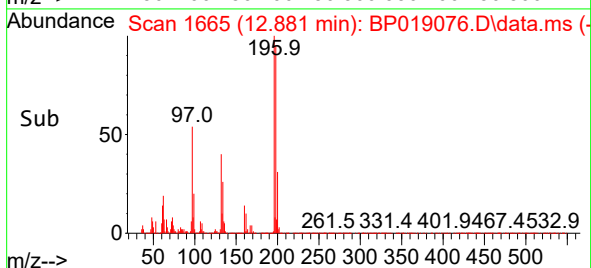
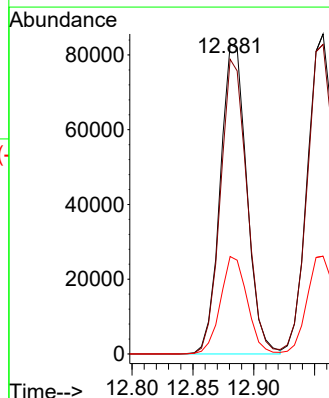
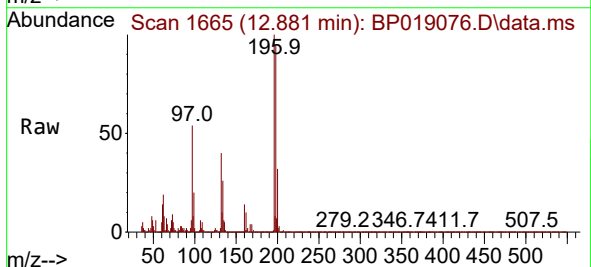
Tgt Ion:196 Resp: 125900

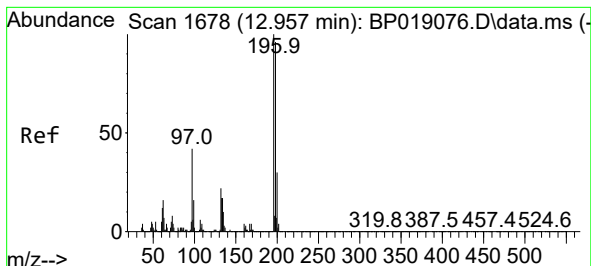
Ion Ratio Lower Upper

196 100

198 95.3 76.9 115.3

200 31.5 25.0 37.6

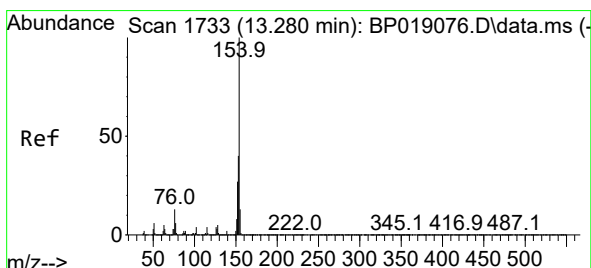
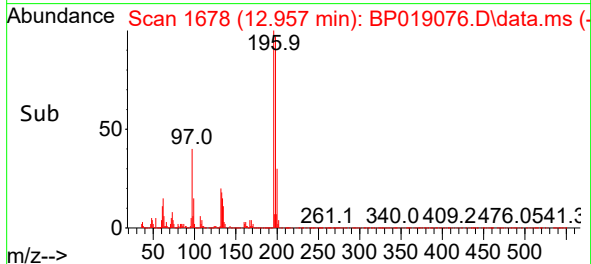
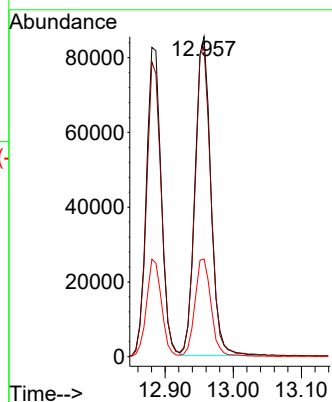
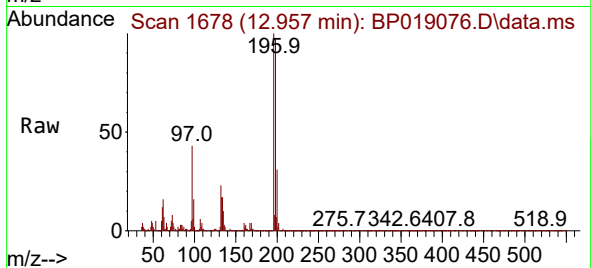




#42
2,4,5-Trichlorophenol
Concen: 19.880 ng/ul
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

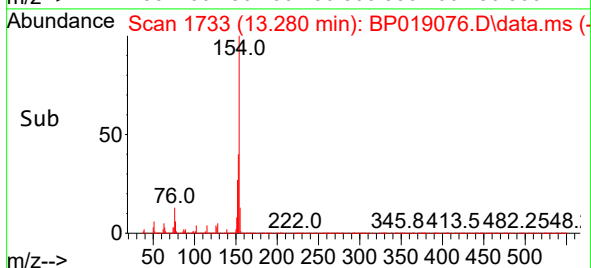
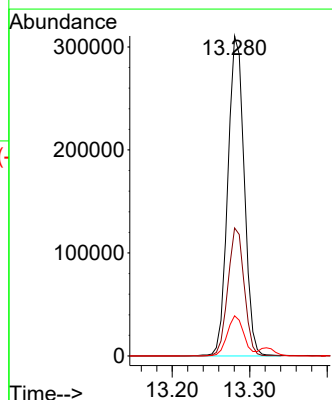
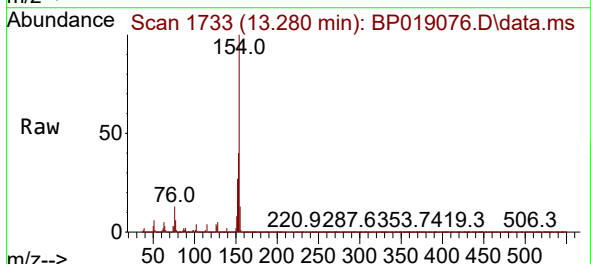
Instrument :
BNA_P
ClientSampleId :
SSTD020723

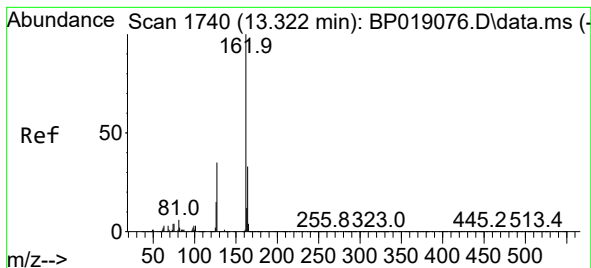
Tgt Ion:196 Resp: 136828
Ion Ratio Lower Upper
196 100
198 96.7 77.9 116.9
200 30.5 25.2 37.8



#43
1,1'-Biphenyl
Concen: 19.447 ng/ul
RT: 13.280 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:154 Resp: 457494
Ion Ratio Lower Upper
154 100
153 40.0 32.8 49.2
76 12.5 10.7 16.1





#44

2-Chloronaphthalene

Concen: 19.754 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

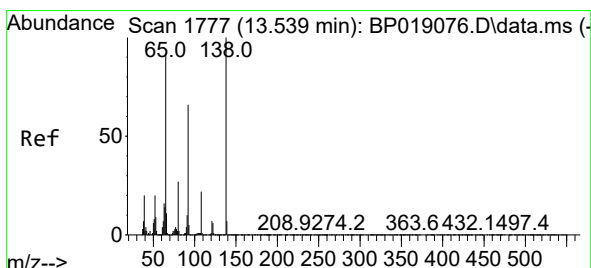
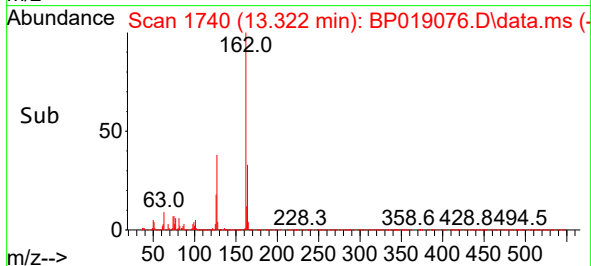
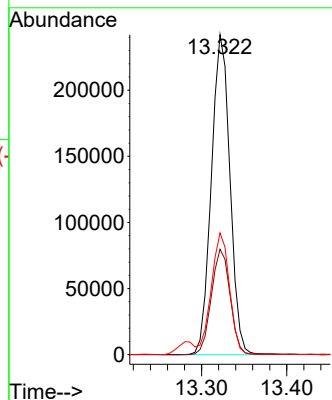
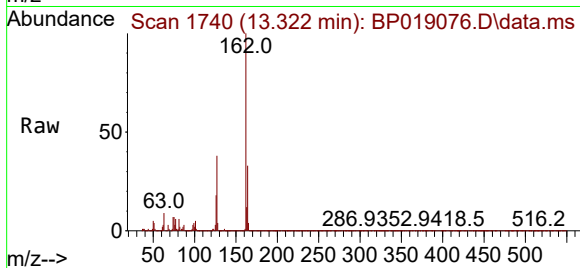
Tgt Ion:162 Resp: 367029

Ion Ratio Lower Upper

162 100

164 33.0 25.7 38.5

127 38.1 30.3 45.5



#45

2-Nitroaniline

Concen: 17.657 ng/ul

RT: 13.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

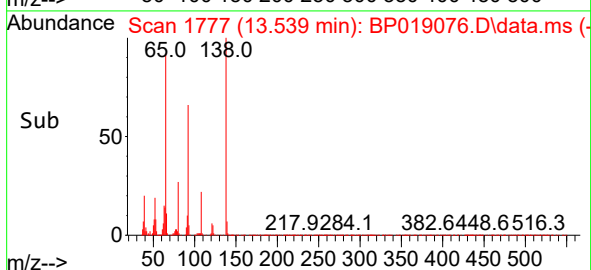
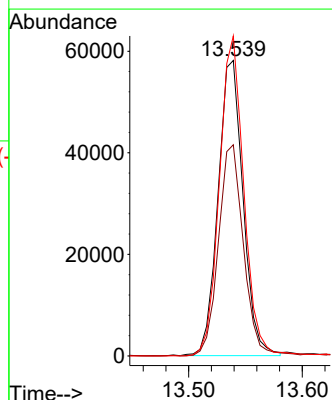
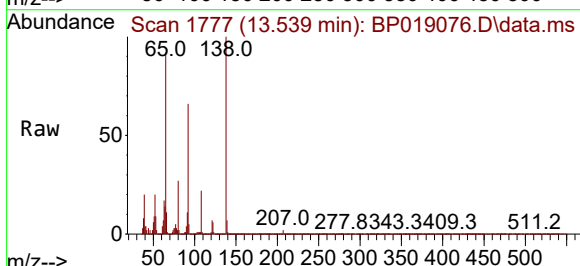
Tgt Ion: 65 Resp: 88939

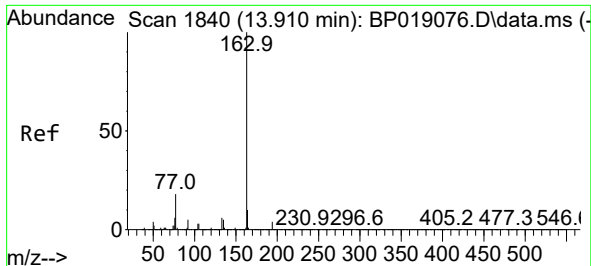
Ion Ratio Lower Upper

65 100

92 71.5 56.9 85.3

138 108.3 88.2 132.2

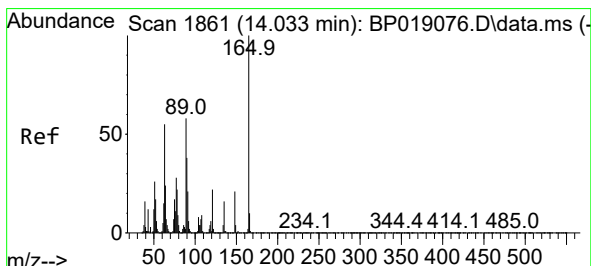
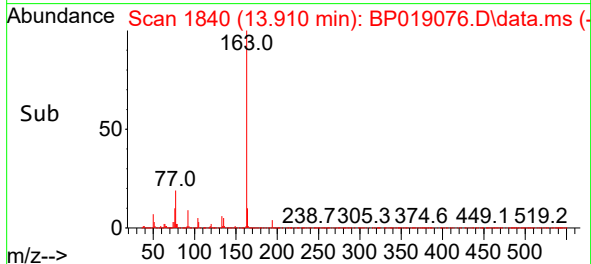
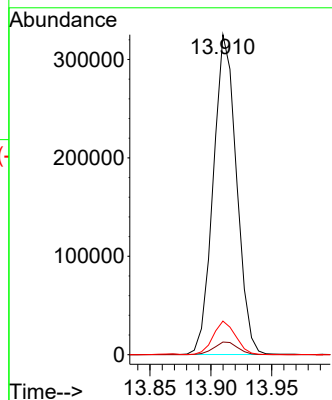
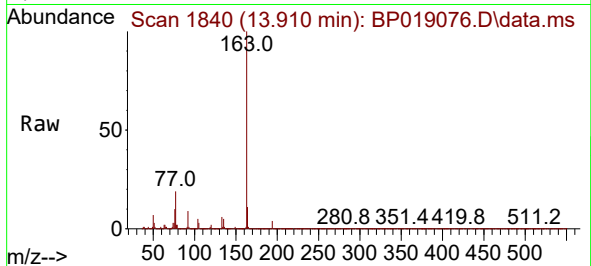




#47
Dimethylphthalate
Concen: 18.092 ng/ul
RT: 13.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

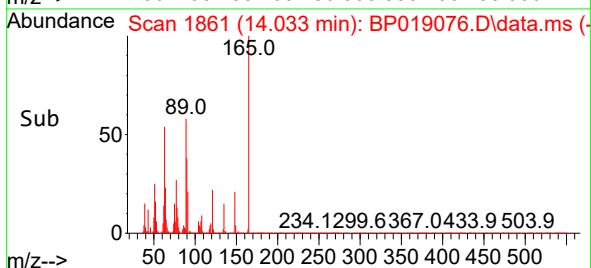
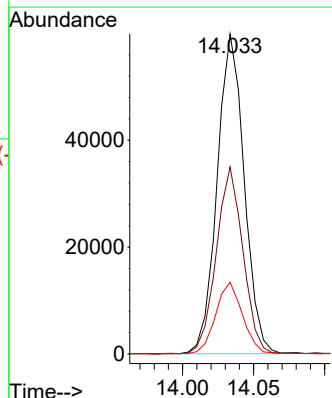
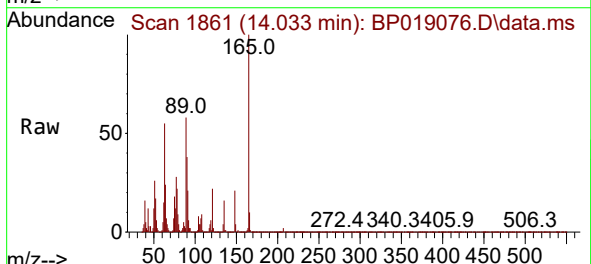
Instrument :
BNA_P
ClientSampleId :
SSTD020723

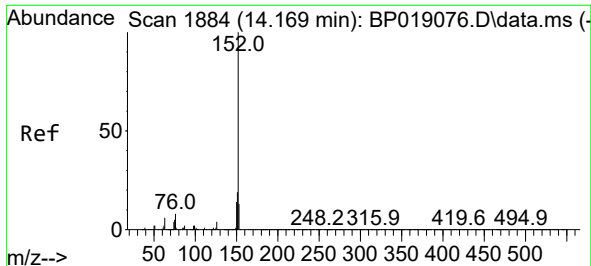
Tgt Ion:163 Resp: 432362
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 17.539 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:165 Resp: 79187
Ion Ratio Lower Upper
165 100
89 58.4 46.6 70.0
121 22.4 17.3 25.9

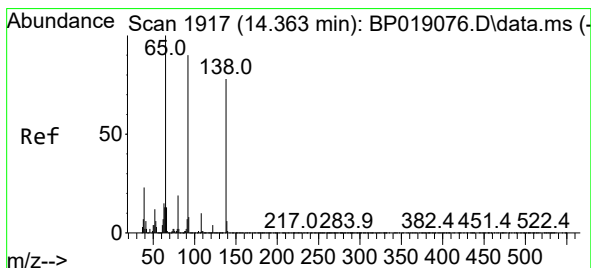
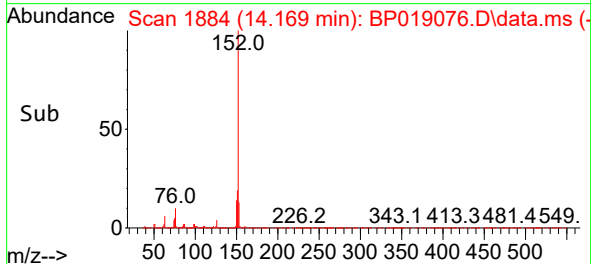
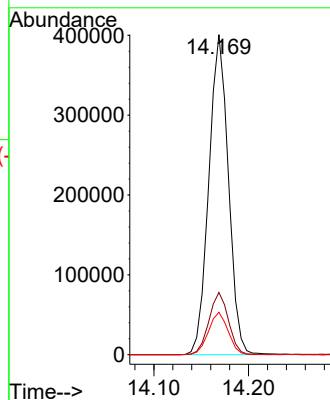
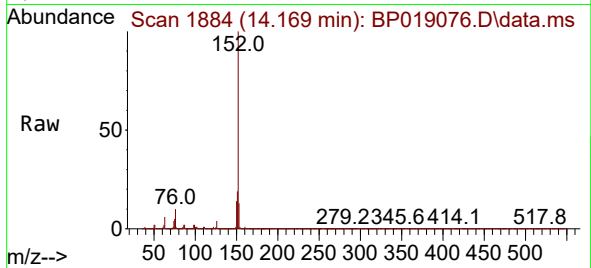




#50
Acenaphthylene
Concen: 19.111 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

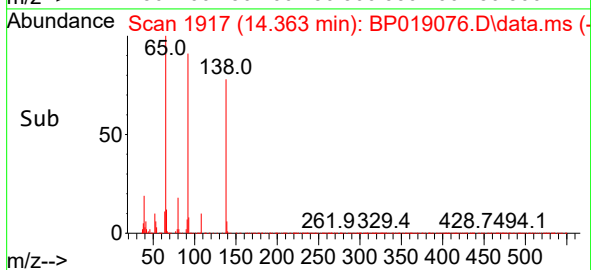
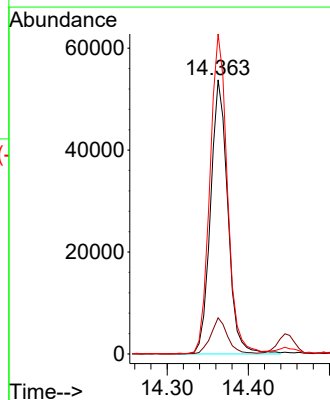
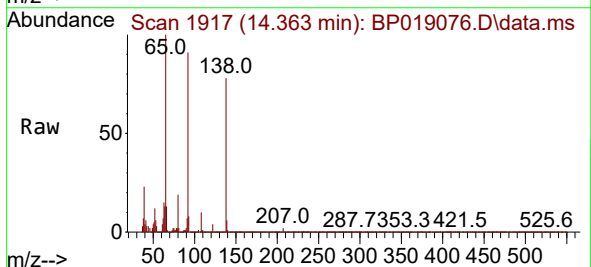
Instrument :
BNA_P
ClientSampleId :
SSTD020723

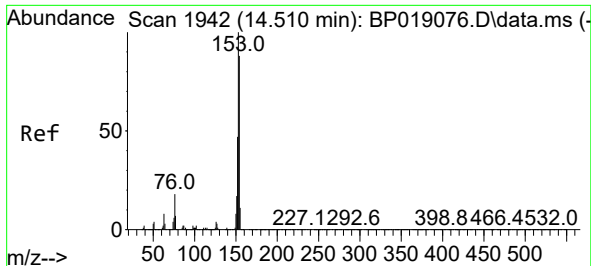
Tgt Ion:152 Resp: 574400
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.3 10.6 16.0



#51
3-Nitroaniline
Concen: 17.595 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:138 Resp: 79299
Ion Ratio Lower Upper
138 100
108 13.2 9.5 14.3
92 116.7 93.1 139.7

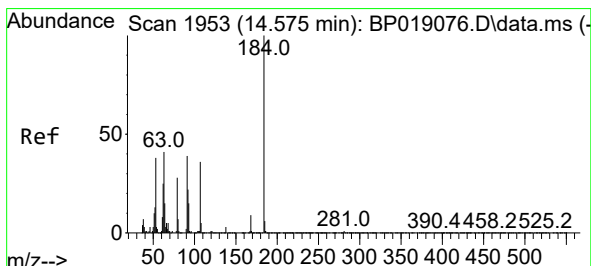
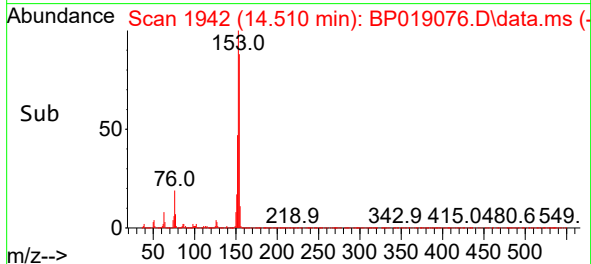
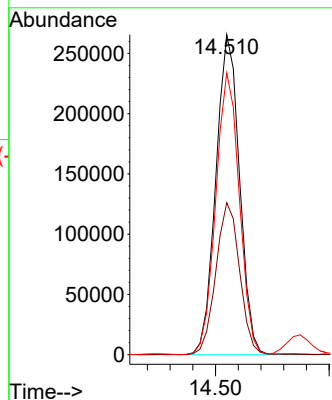
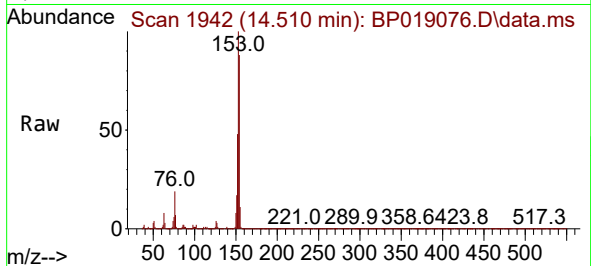




#52
Acenaphthene
Concen: 19.321 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

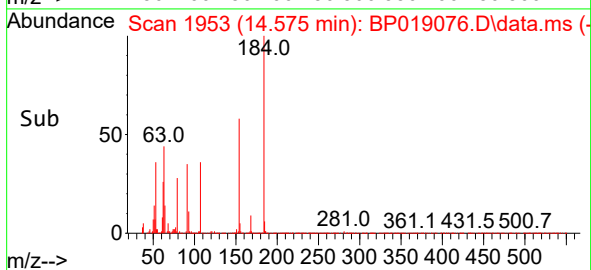
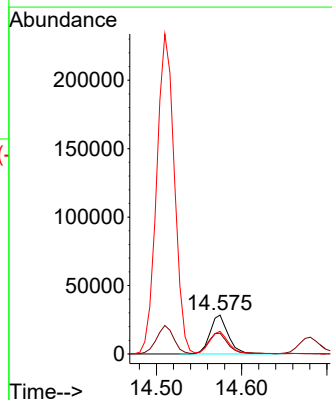
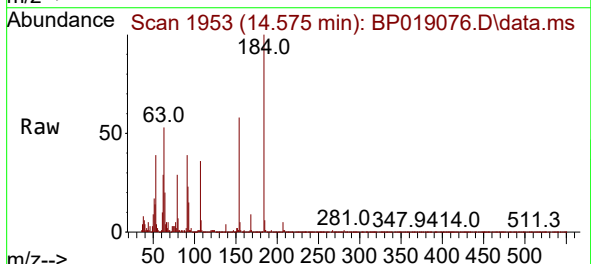
Instrument :
BNA_P
ClientSampleId :
SSTD020723

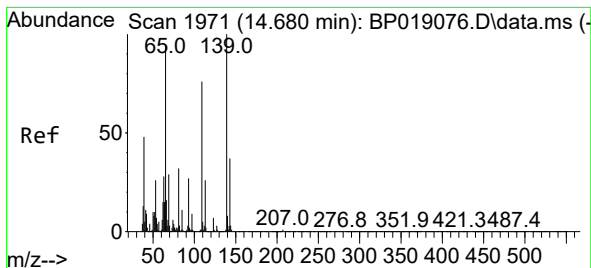
Tgt Ion:153 Resp: 383952
Ion Ratio Lower Upper
153 100
152 47.5 38.1 57.1
154 88.0 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 17.729 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:184 Resp: 42424
Ion Ratio Lower Upper
184 100
63 53.4 48.2 72.4
154 58.2 49.1 73.7

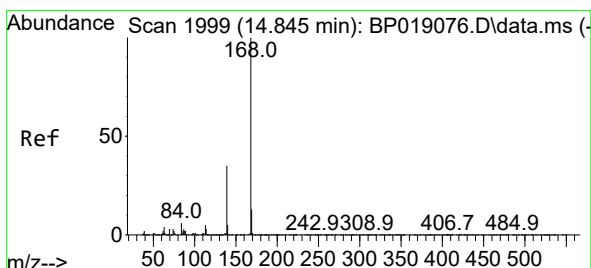
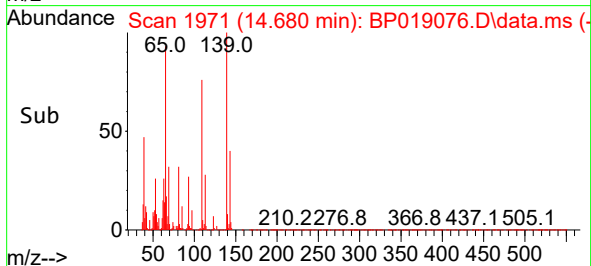
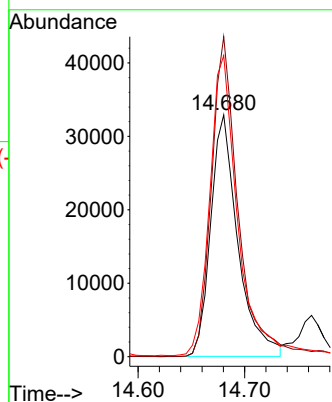
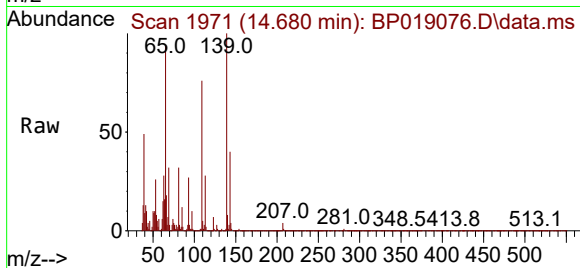




#55
4-Nitrophenol
Concen: 19.372 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

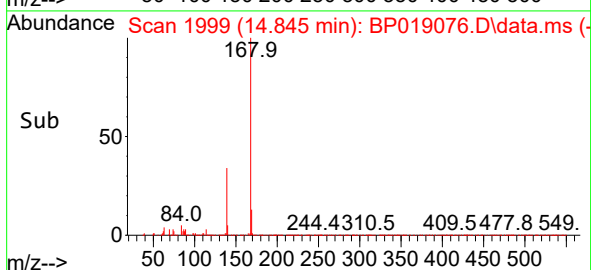
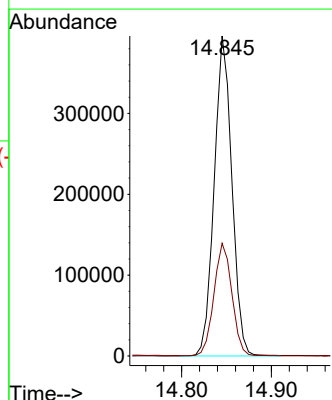
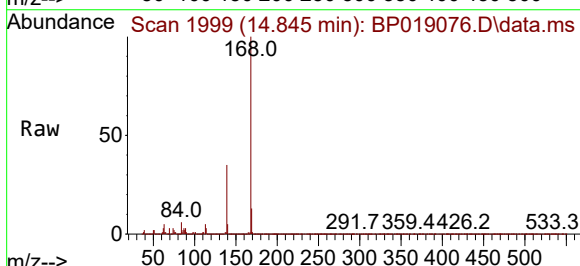
Instrument :
BNA_P
ClientSampleId :
SSTD020723

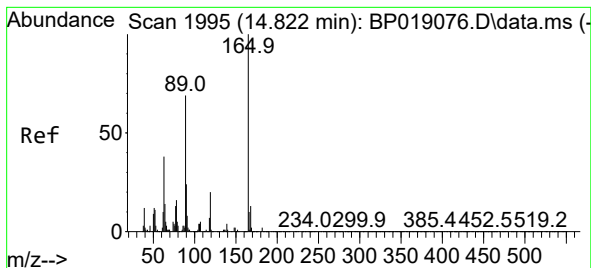
Tgt Ion:109 Resp: 58324
Ion Ratio Lower Upper
109 100
139 132.3 109.0 163.4
65 124.6 106.2 159.4



#56
Dibenzofuran
Concen: 19.607 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:168 Resp: 541543
Ion Ratio Lower Upper
168 100
139 35.2 29.1 43.7

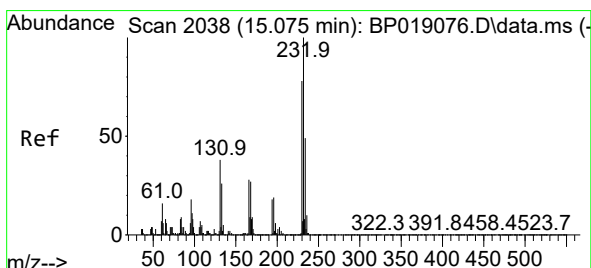
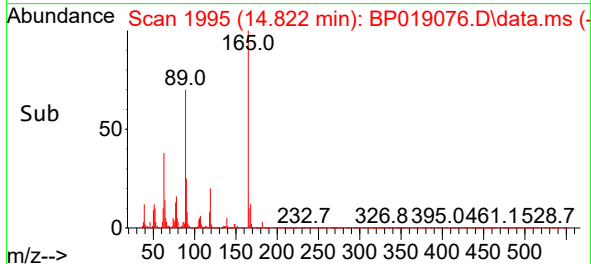
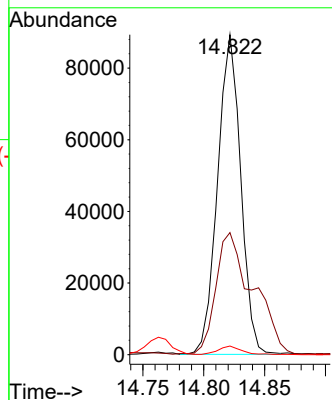
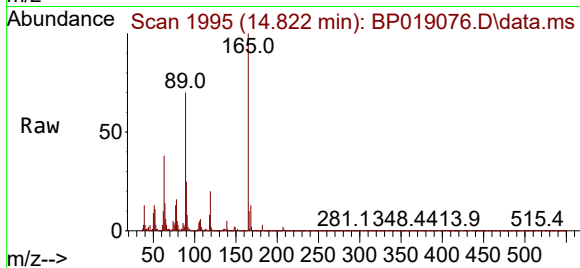




#57
2,4-Dinitrotoluene
Concen: 18.595 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

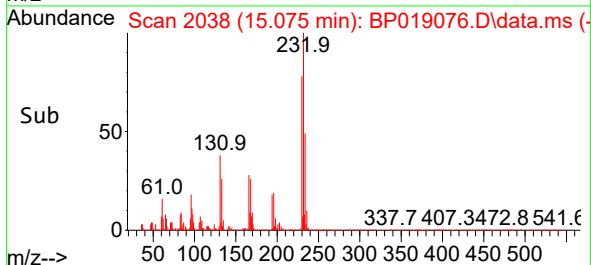
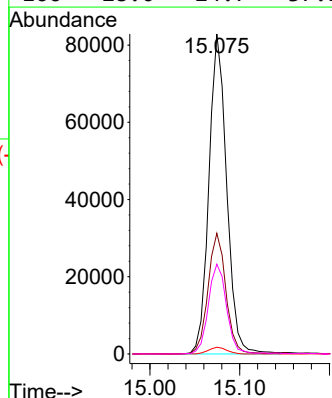
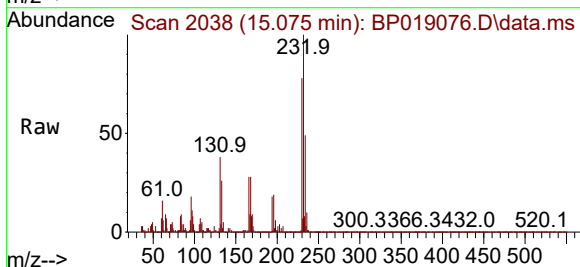
Instrument :
BNA_P
ClientSampleId :
SSTD020723

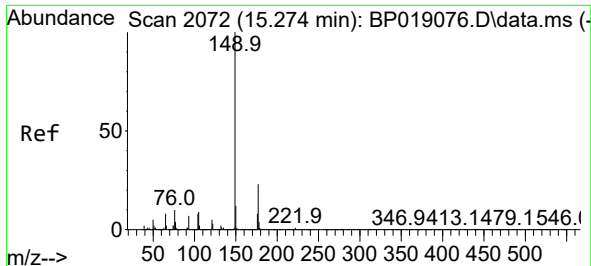
Tgt Ion:165 Resp: 118097
Ion Ratio Lower Upper
165 100
63 38.2 32.7 49.1
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.725 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:232 Resp: 113881
Ion Ratio Lower Upper
232 100
131 37.7 33.8 50.8
130 2.1 1.8 2.8
166 28.0 24.7 37.1

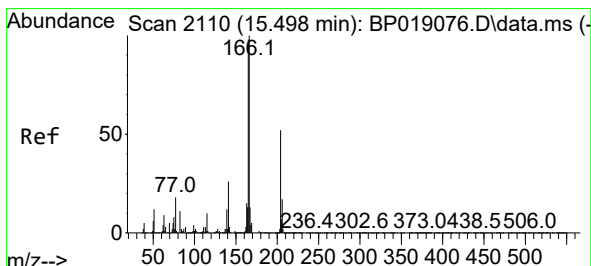
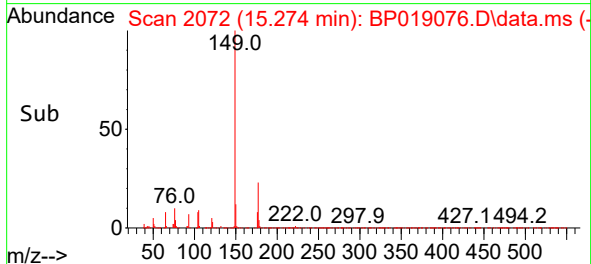
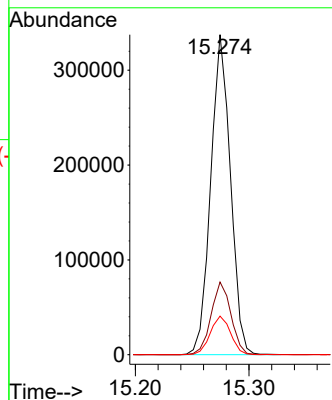
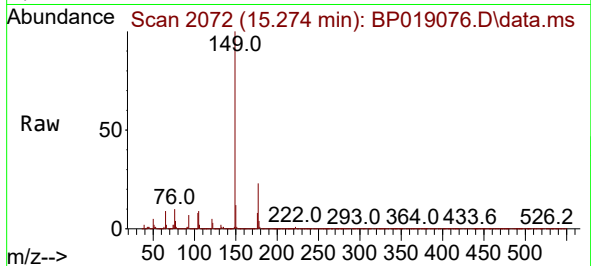




#59
Diethylphthalate
Concen: 17.386 ng/ul
RT: 15.274 min Scan# 2072
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

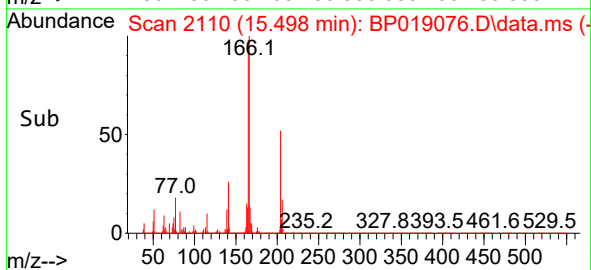
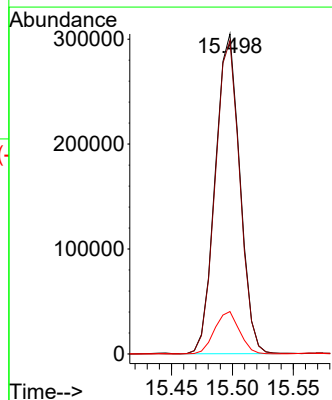
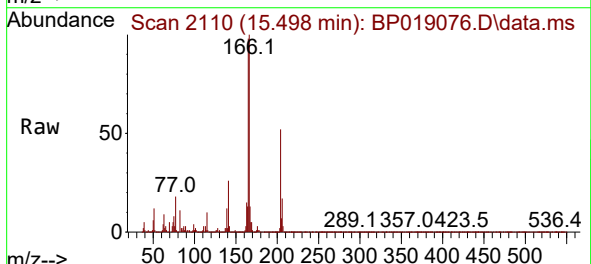
Instrument :
BNA_P
ClientSampleId :
SSTD020723

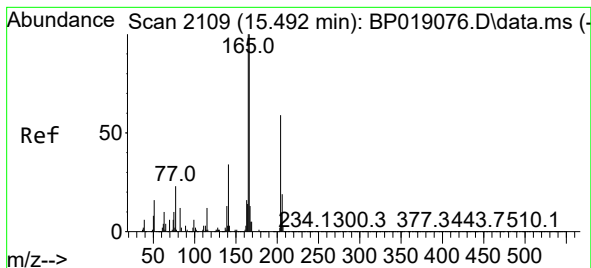
Tgt Ion:149 Resp: 406559
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.4
150 12.1 9.9 14.9



#61
Fluorene
Concen: 19.593 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:166 Resp: 428211
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.2 10.8 16.2

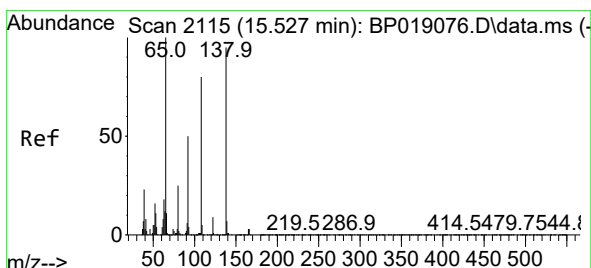
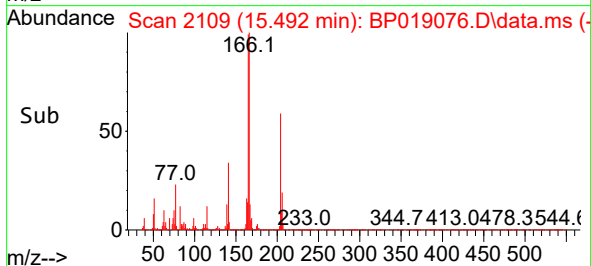
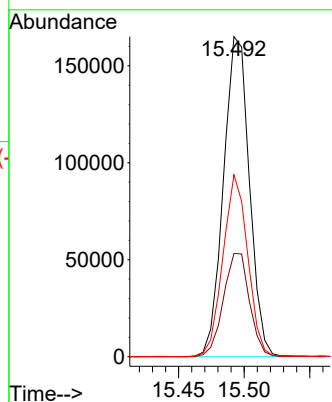
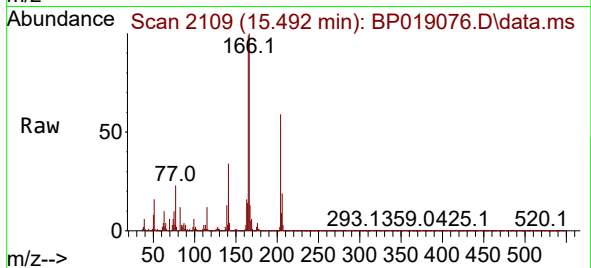




#62
4-Chlorophenyl-phenylether
Concen: 19.757 ng/ul
RT: 15.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

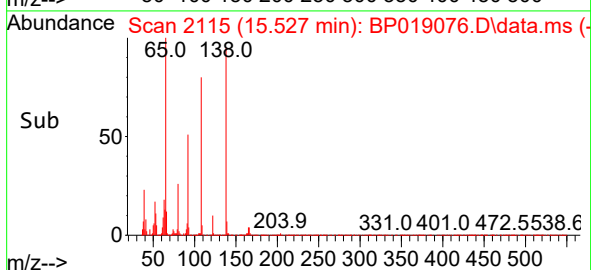
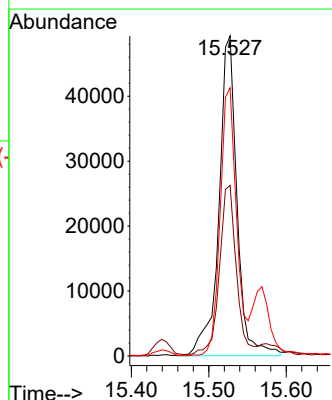
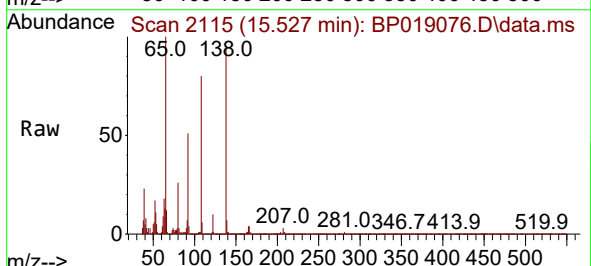
Instrument :
BNA_P
ClientSampleId :
SSTD020723

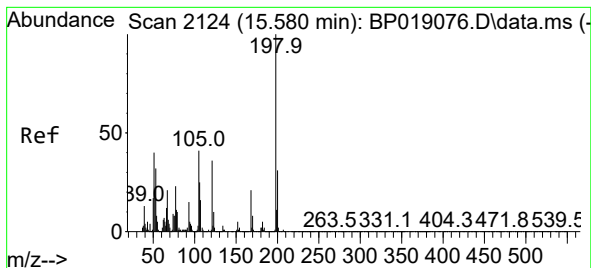
Tgt Ion:204 Resp: 226461
Ion Ratio Lower Upper
204 100
206 32.3 27.1 40.7
141 56.9 45.8 68.8



#63
4-Nitroaniline
Concen: 18.593 ng/ul
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:138 Resp: 79832
Ion Ratio Lower Upper
138 100
92 53.3 42.3 63.5
108 83.8 62.0 93.0

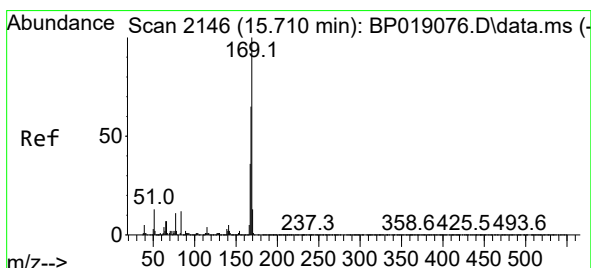
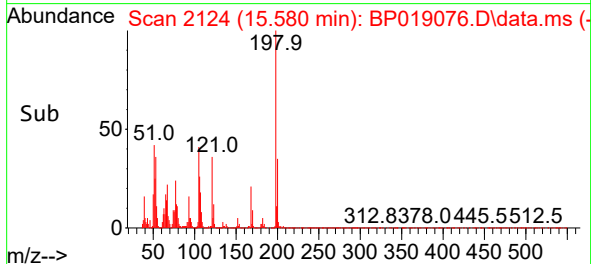
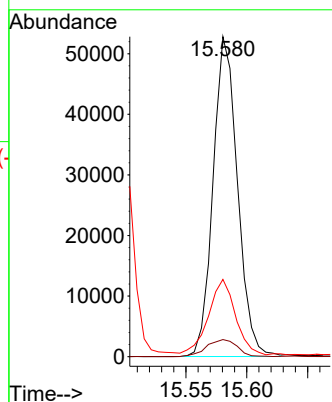
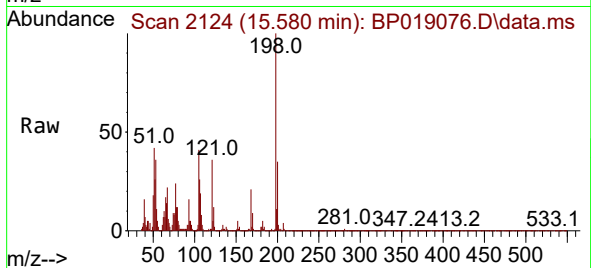




#66
4,6-Dinitro-2-methylphenol
Concen: 19.264 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

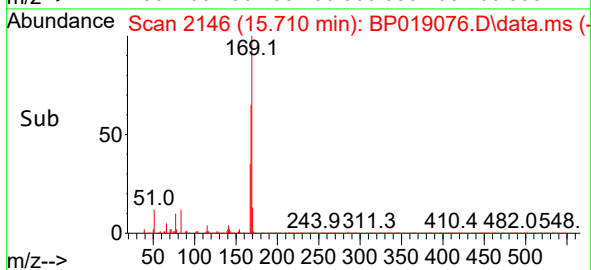
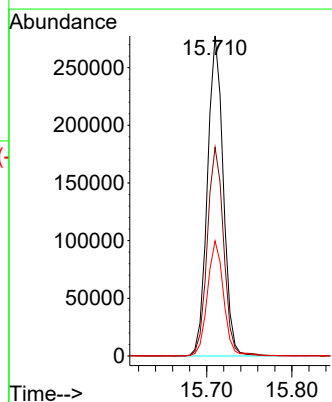
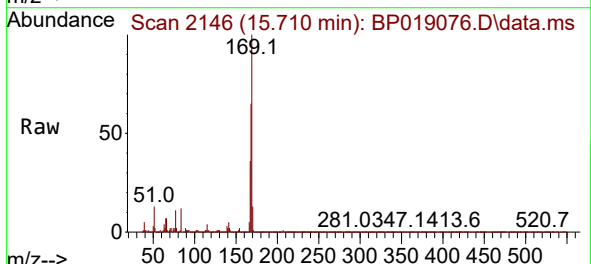
Instrument :
BNA_P
ClientSampleId :
SSTD020723

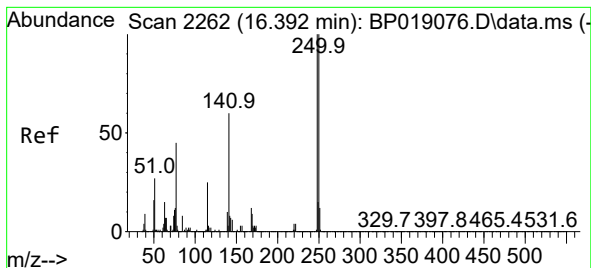
Tgt Ion:198 Resp: 73858
Ion Ratio Lower Upper
198 100
182 5.4 3.4 5.2#
77 24.1 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 18.082 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:169 Resp: 358350
Ion Ratio Lower Upper
169 100
168 65.2 53.1 79.7
167 36.0 29.1 43.7

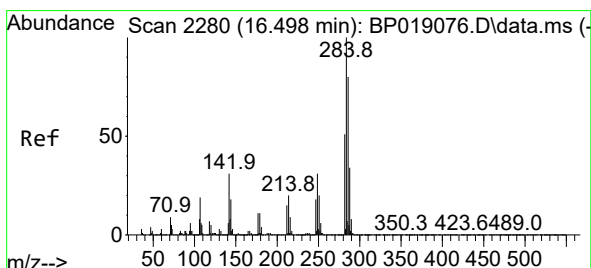
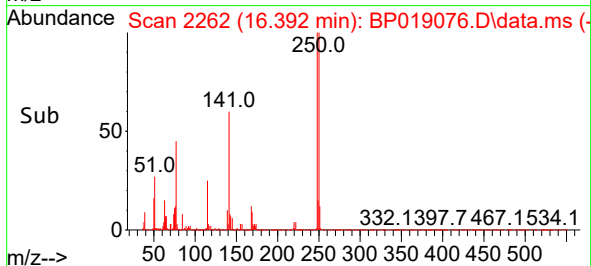
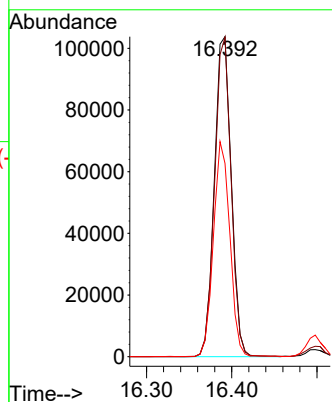
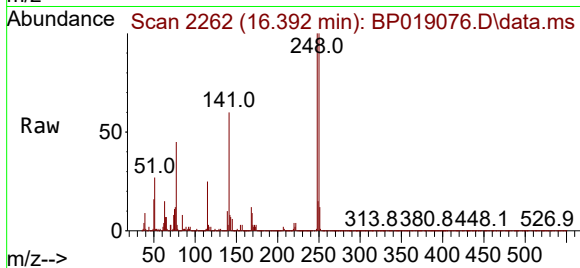




#68
4-Bromophenyl-phenylether
Concen: 18.938 ng/ul
RT: 16.392 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

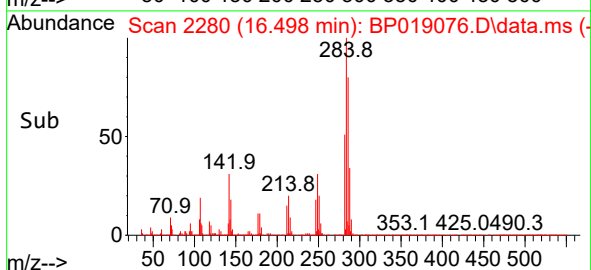
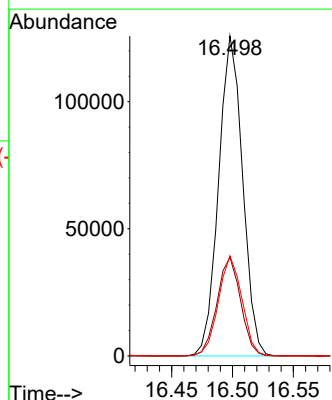
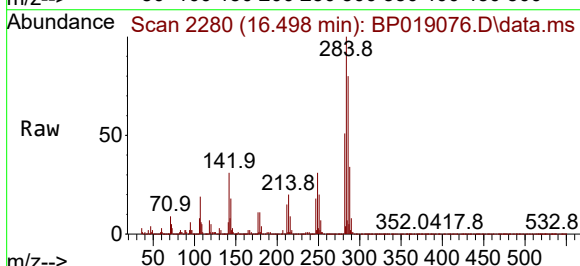
Instrument :
BNA_P
ClientSampleId :
SSTD020723

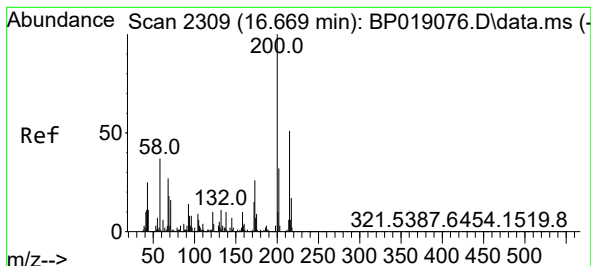
Tgt Ion:248 Resp: 142987
Ion Ratio Lower Upper
248 100
250 99.8 79.3 118.9
141 60.4 57.2 85.8



#69
Hexachlorobenzene
Concen: 20.474 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:284 Resp: 172600
Ion Ratio Lower Upper
284 100
142 30.8 25.8 38.6
249 31.3 24.9 37.3





#70

Atrazine

Concen: 13.179 ng/ul

RT: 16.669 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

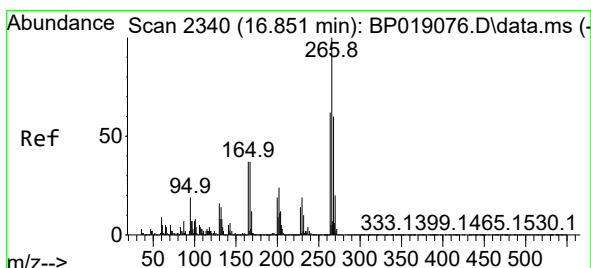
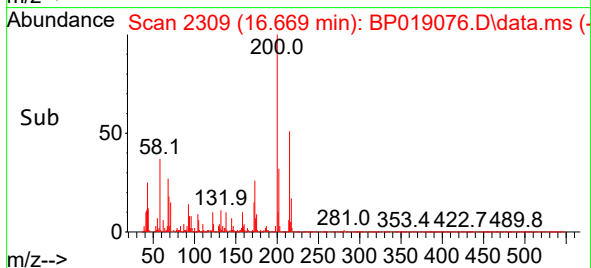
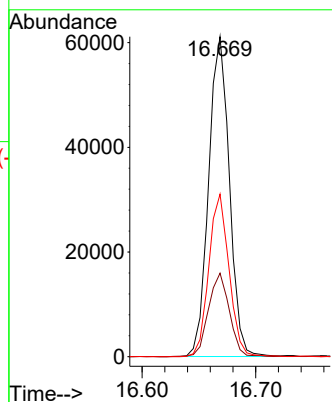
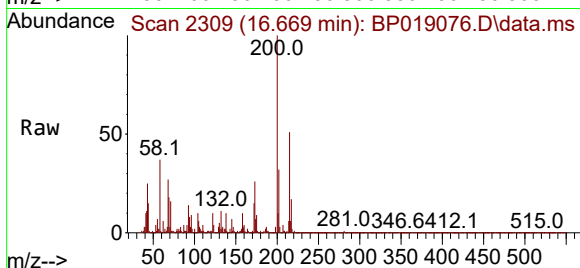
Tgt Ion:200 Resp: 77650

Ion Ratio Lower Upper

200 100

173 26.1 21.0 31.4

215 50.8 38.2 57.2



#71

Pentachlorophenol

Concen: 18.555 ng/ul

RT: 16.851 min Scan# 2340

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

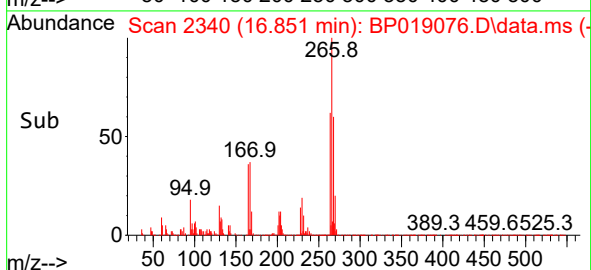
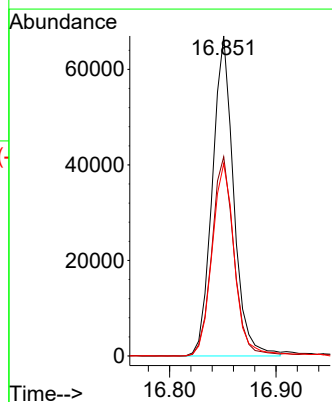
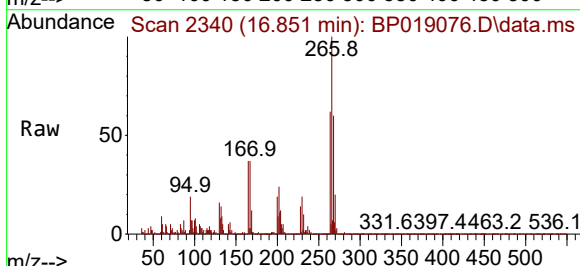
Tgt Ion:266 Resp: 93027

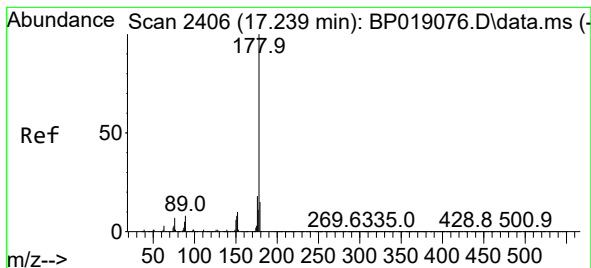
Ion Ratio Lower Upper

266 100

264 62.2 50.2 75.2

268 60.1 50.5 75.7





#72

Phenanthrene

Concen: 19.537 ng/ul

RT: 17.239 min Scan# 2406

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

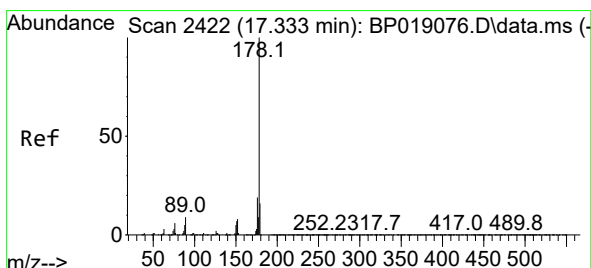
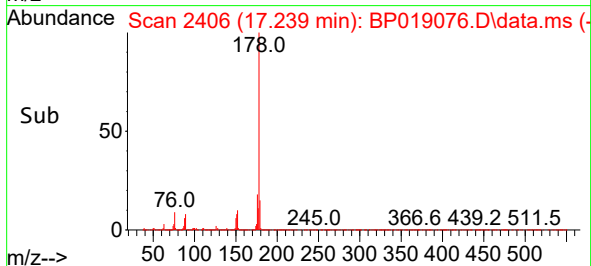
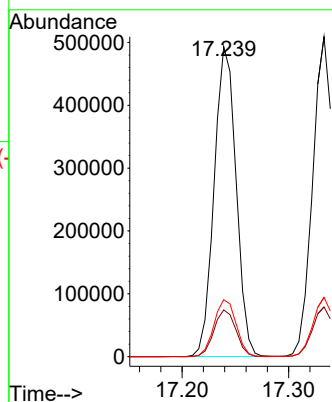
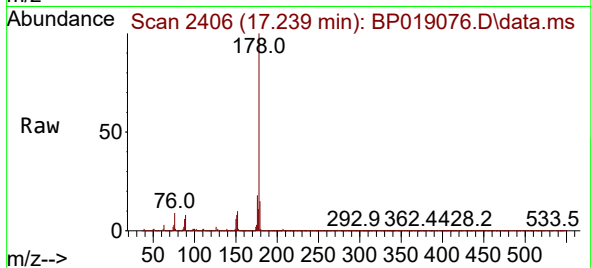
Tgt Ion:178 Resp: 705698

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 18.4 15.4 23.2



#74

Anthracene

Concen: 19.610 ng/ul

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

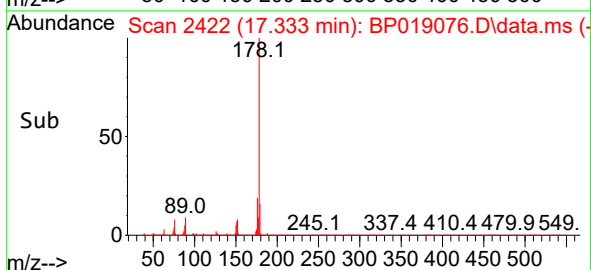
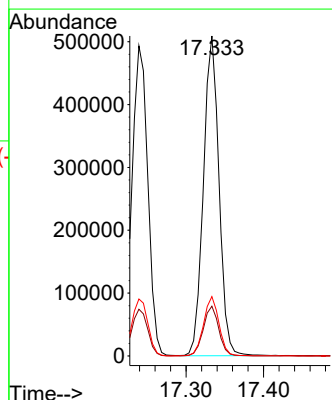
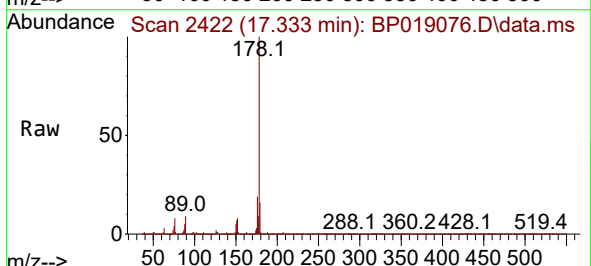
Tgt Ion:178 Resp: 710021

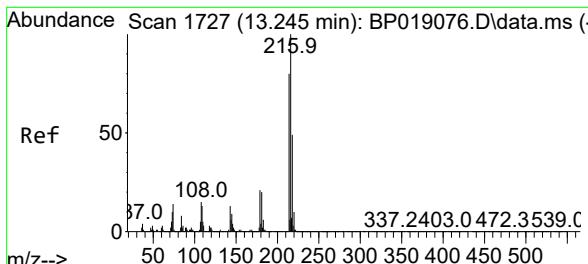
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.6 15.0 22.6



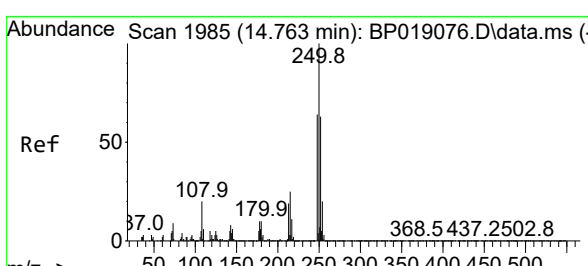
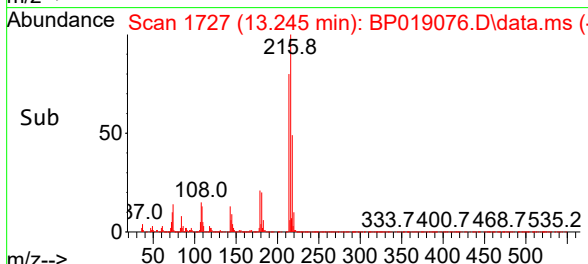
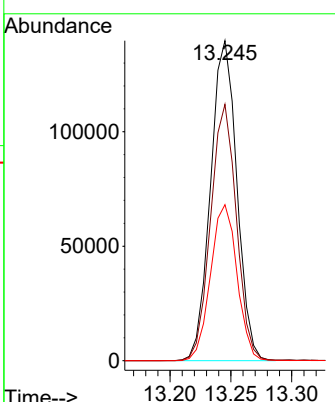
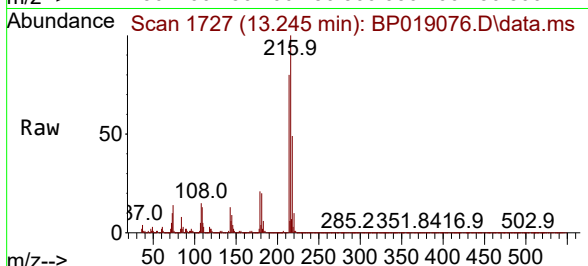


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 20.333 ng/uL
 RT: 13.245 min Scan# 1727
 Delta R.T. -0.012 min
 Lab File: BP019076.D
 Acq: 26 Dec 2023 10:53

Instrument :
 BNA_P
 ClientSampleId :
 SST020723

Tgt Ion: 216 Resp: 210273

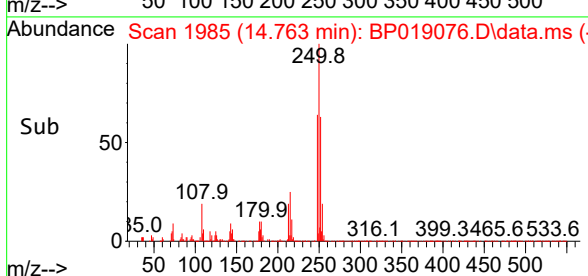
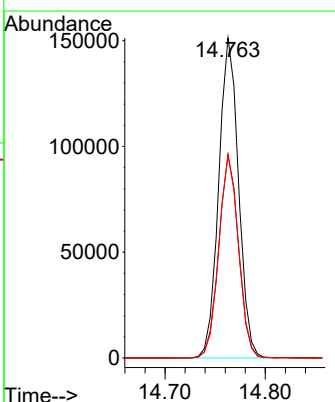
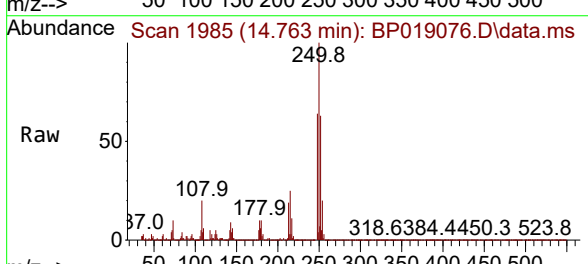
Ion	Ratio	Lower	Upper
216	100		
214	80.1	61.4	92.2
218	48.8	39.2	58.8

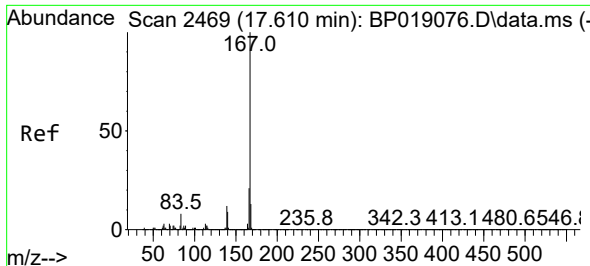


#76
 Pentachlorobenzene
 Concen: 20.403 ng/uL
 RT: 14.763 min Scan# 1985
 Delta R.T. -0.012 min
 Lab File: BP019076.D
 Acq: 26 Dec 2023 10:53

Tgt Ion: 250 Resp: 207256

Ion	Ratio	Lower	Upper
250	100		
248	63.6	50.6	75.8
252	63.5	51.3	76.9

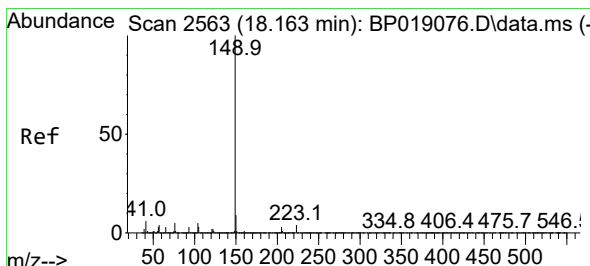
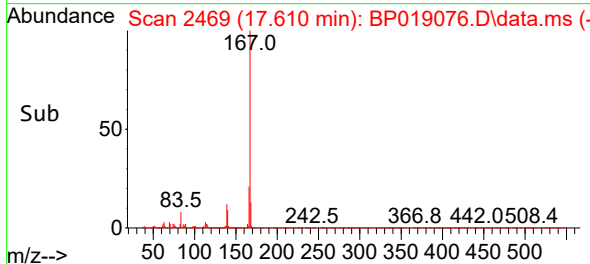
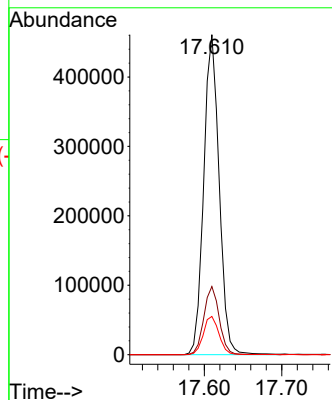
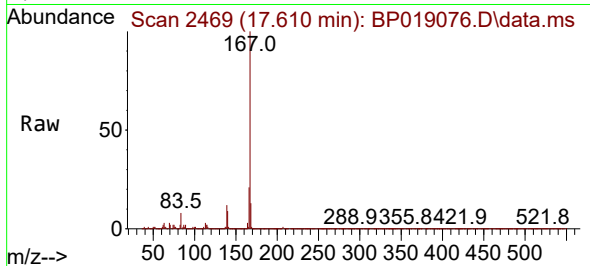




#77
Carbazole
Concen: 22.066 ng/ul
RT: 17.610 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

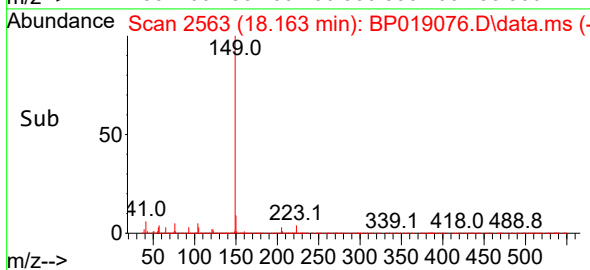
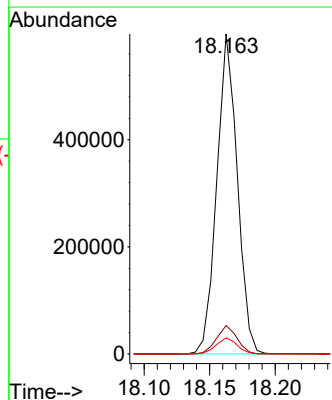
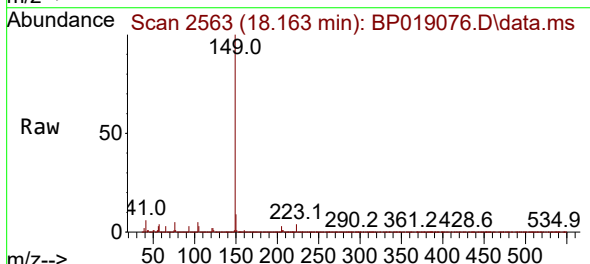
Instrument :
BNA_P
ClientSampleId :
SSTD020723

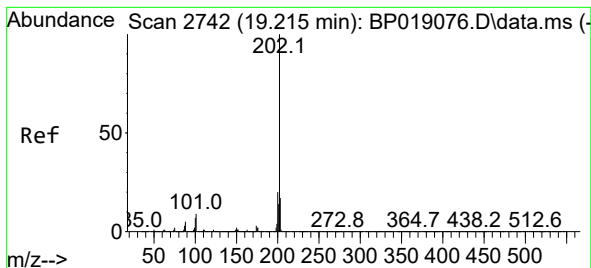
Tgt Ion:167 Resp: 636747
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 11.9 10.2 15.4



#78
Di-n-butylphthalate
Concen: 16.871 ng/ul
RT: 18.163 min Scan# 2563
Delta R.T. -0.006 min
Lab File: BP019076.D
Acq: 26 Dec 2023 10:53

Tgt Ion:149 Resp: 648232
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 5.1 3.9 5.9





#80

Fluoranthene

Concen: 13.913 ng/ul

RT: 19.215 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

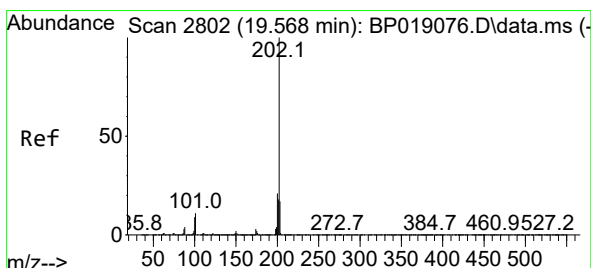
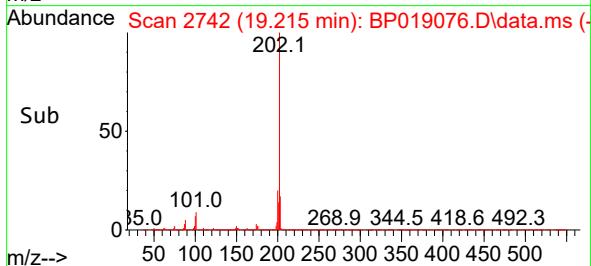
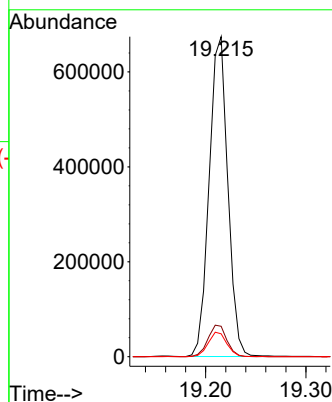
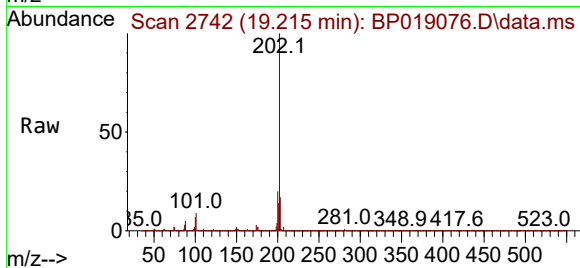
Tgt Ion:202 Resp: 872897

Ion Ratio Lower Upper

202 100

101 9.5 9.1 13.7

100 7.2 7.1 10.7



#82

Pyrene

Concen: 14.693 ng/ul

RT: 19.568 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

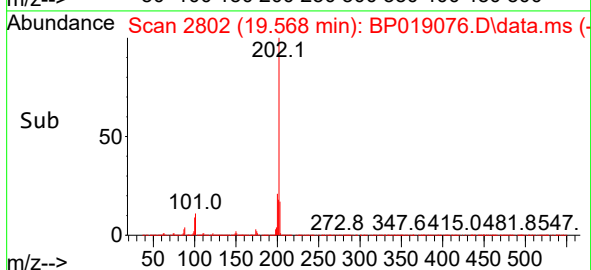
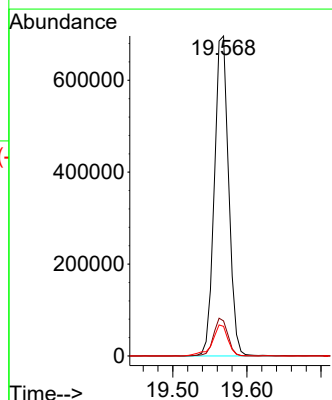
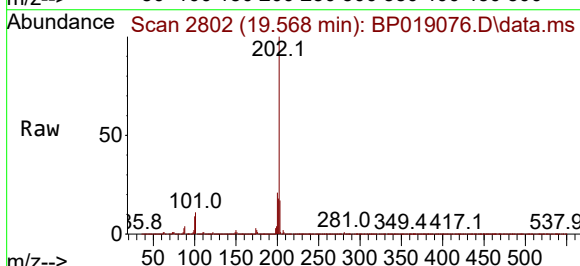
Tgt Ion:202 Resp: 929939

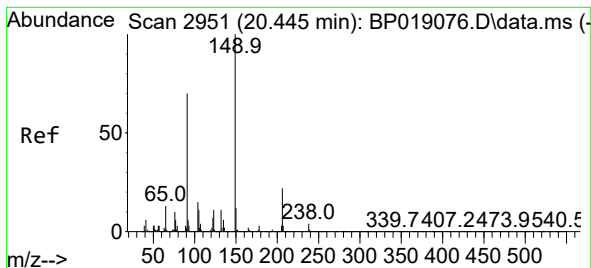
Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.4

100 9.2 9.1 13.7





#83

Butylbenzylphthalate

Concen: 13.287 ng/ul

RT: 20.445 min Scan# 2951

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

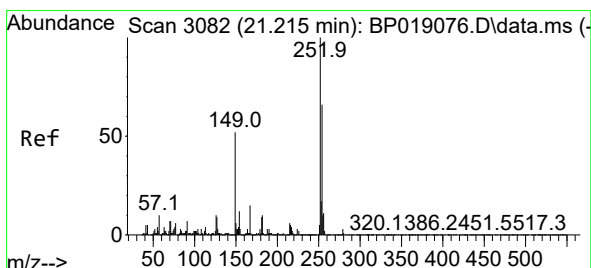
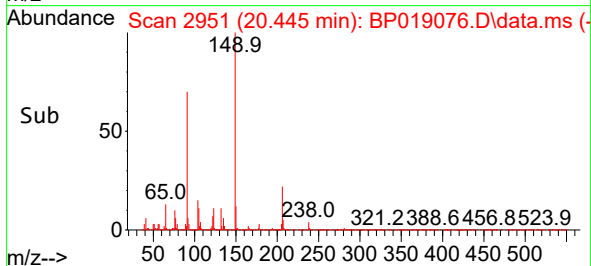
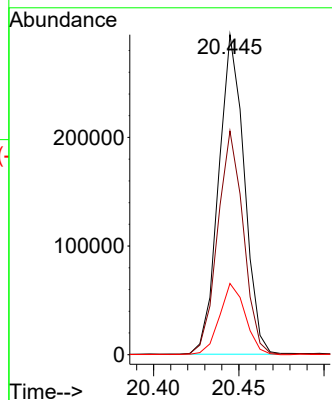
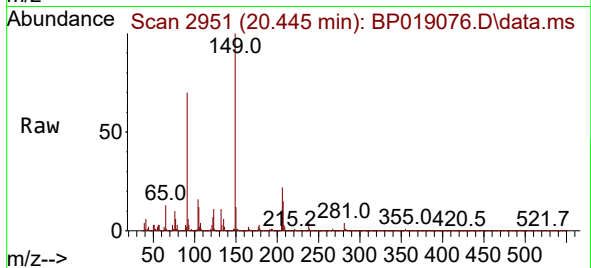
Tgt Ion:149 Resp: 307879

Ion Ratio Lower Upper

149 100

91 69.9 56.6 85.0

206 22.2 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 19.486 ng/ul

RT: 21.215 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

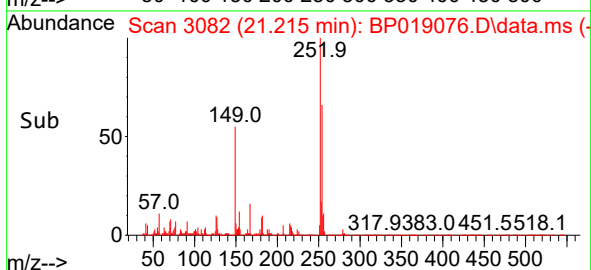
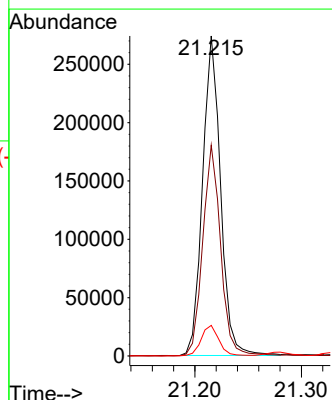
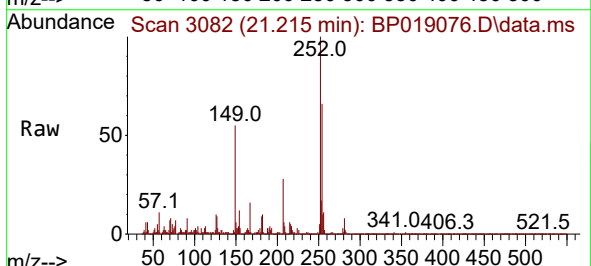
Tgt Ion:252 Resp: 322876

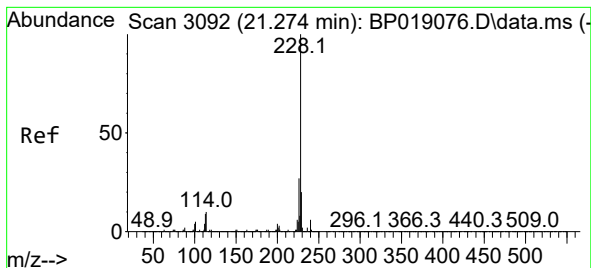
Ion Ratio Lower Upper

252 100

254 65.9 51.0 76.4

126 9.6 7.8 11.6





#85

Benzo(a)anthracene

Concen: 18.432 ng/ul

RT: 21.274 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

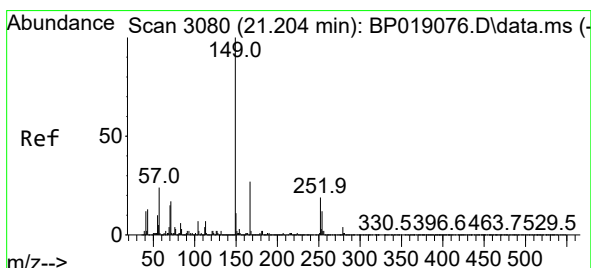
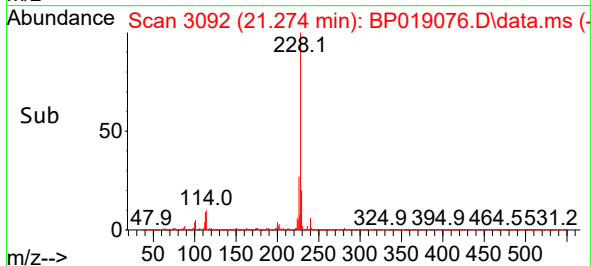
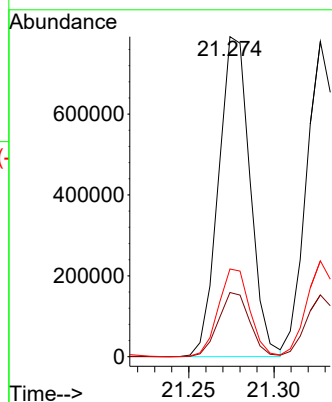
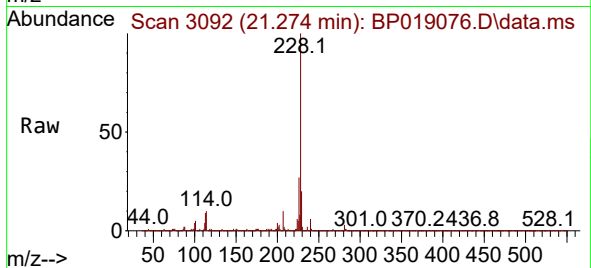
Tgt Ion:228 Resp: 1020129

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 13.944 ng/ul

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

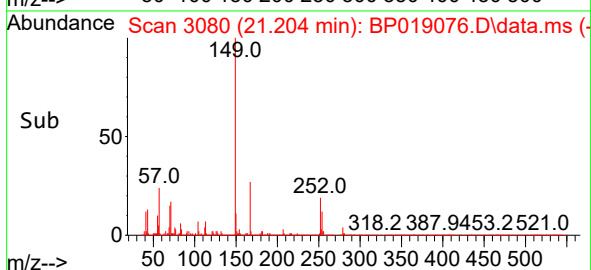
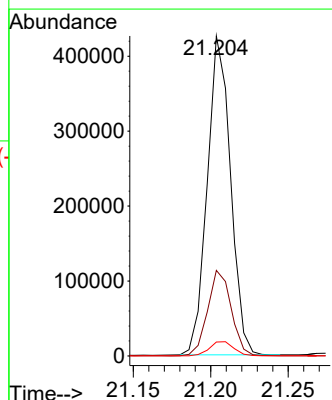
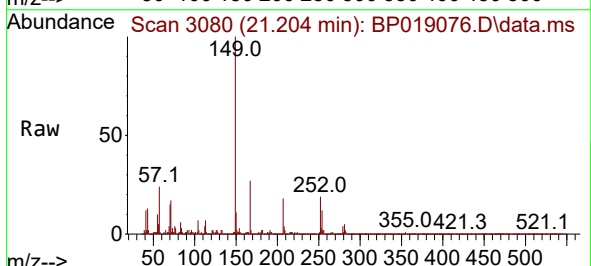
Tgt Ion:149 Resp: 444073

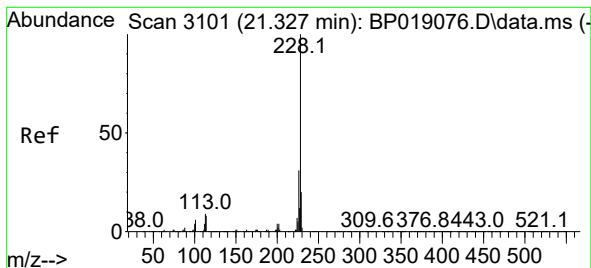
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.2

279 4.4 3.3 4.9





#87

Chrysene

Concen: 18.896 ng/ul

RT: 21.327 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

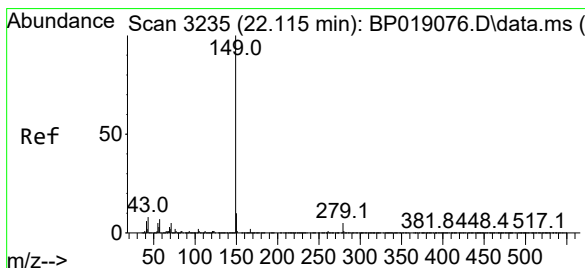
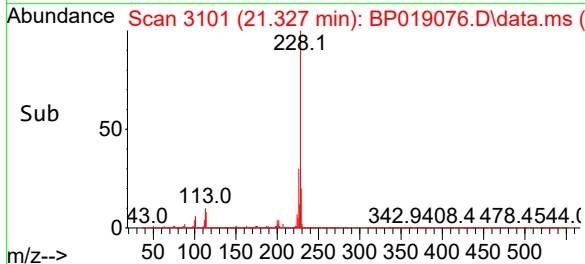
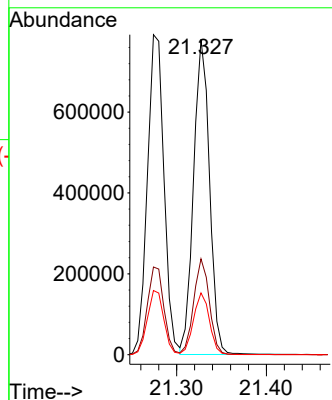
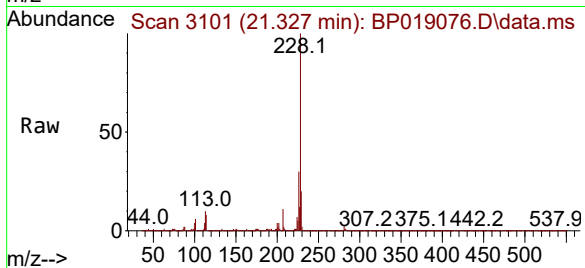
Tgt Ion:228 Resp: 963060

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 12.882 ng/ul

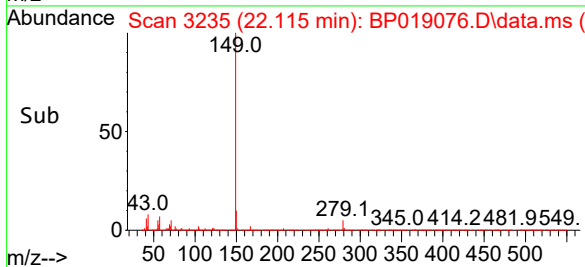
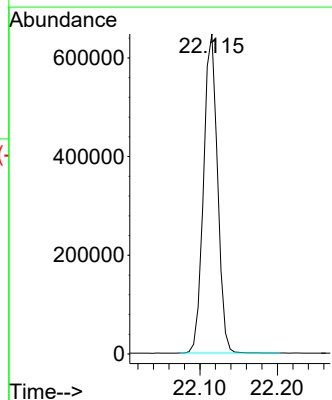
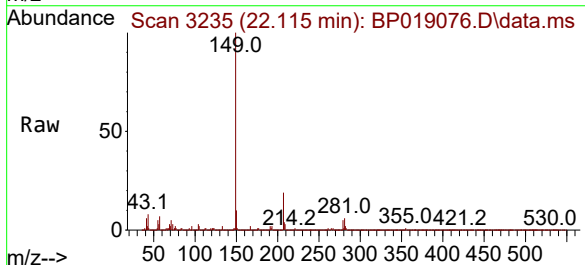
RT: 22.115 min Scan# 3235

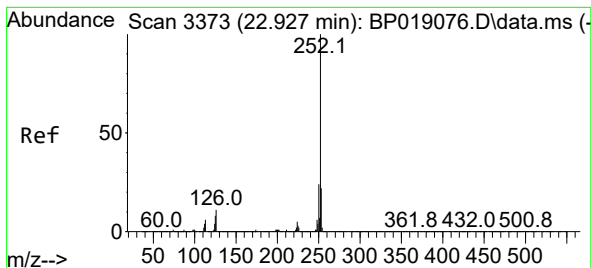
Delta R.T. -0.006 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Tgt Ion:149 Resp: 810065





#90

Benzo(b)fluoranthene

Concen: 17.581 ng/ul

RT: 22.927 min Scan# 3373

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

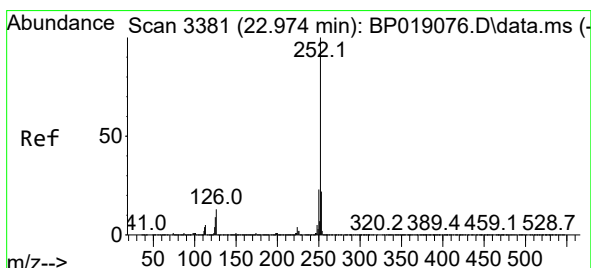
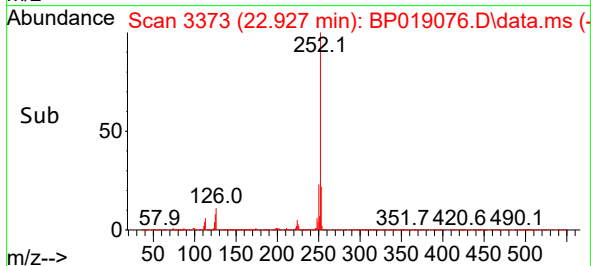
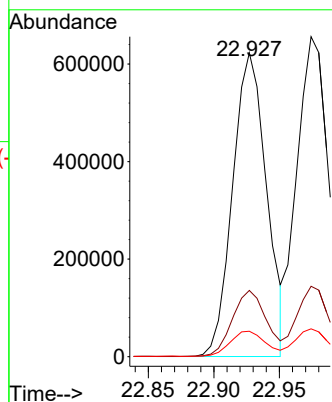
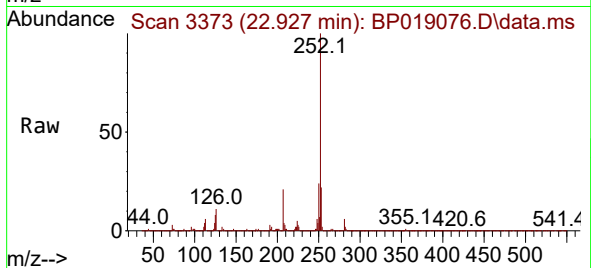
Tgt Ion:252 Resp: 1116421

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.4 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 18.144 ng/ul

RT: 22.974 min Scan# 3381

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

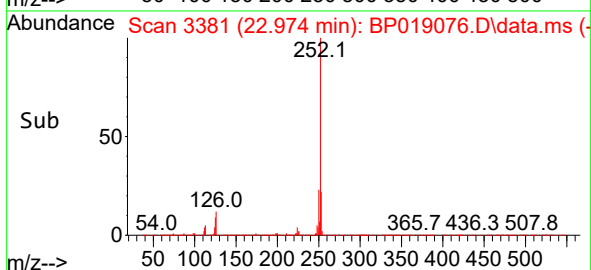
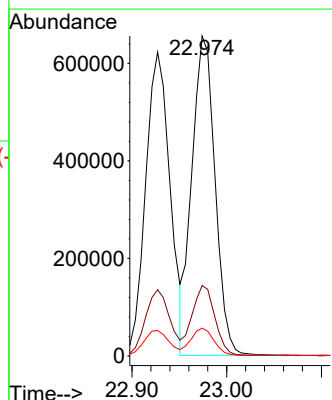
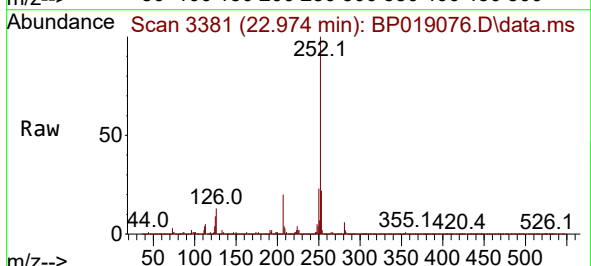
Tgt Ion:252 Resp: 1114762

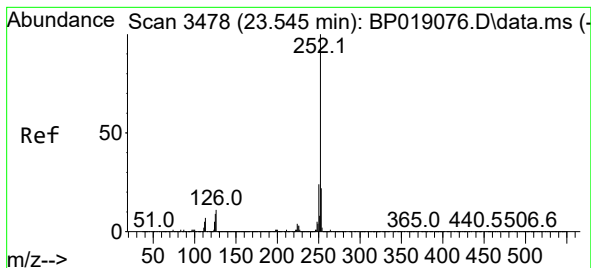
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.7 8.0 12.0





#93

Benzo(a)pyrene

Concen: 18.377 ng/ul

RT: 23.545 min Scan# 3478

Delta R.T. -0.012 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

Instrument :

BNA_P

ClientSampleId :

SSTD020723

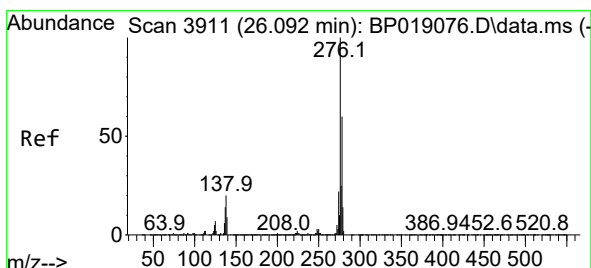
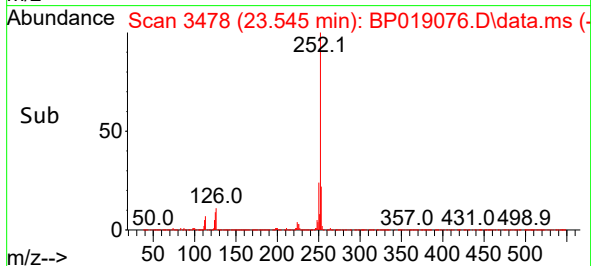
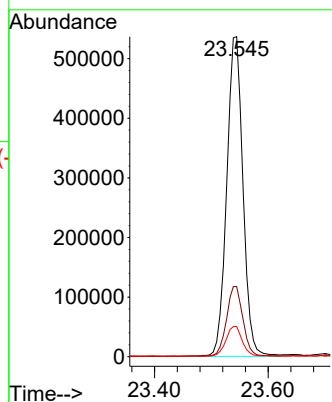
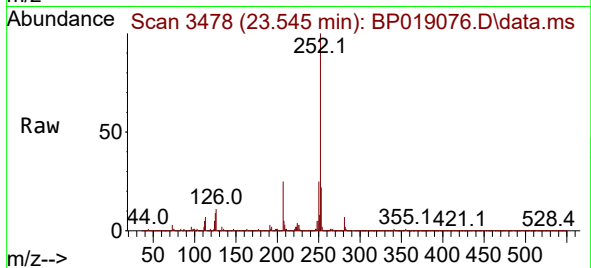
Tgt Ion:252 Resp: 1066252

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.5 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.256 ng/ul

RT: 26.092 min Scan# 3911

Delta R.T. -0.024 min

Lab File: BP019076.D

Acq: 26 Dec 2023 10:53

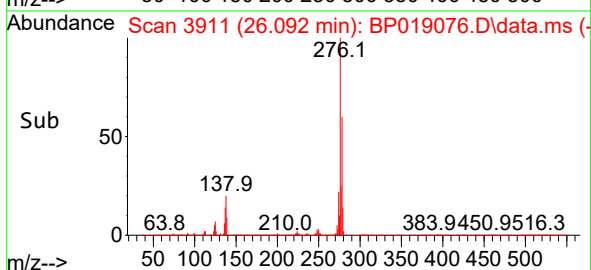
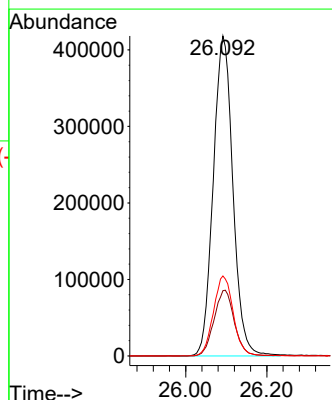
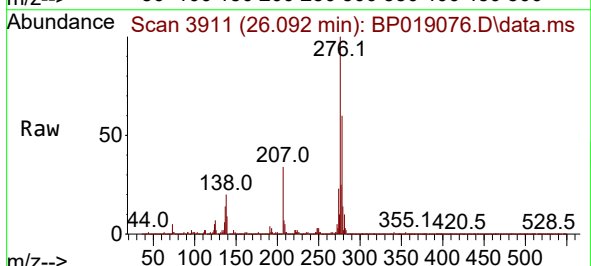
Tgt Ion:276 Resp: 1404215

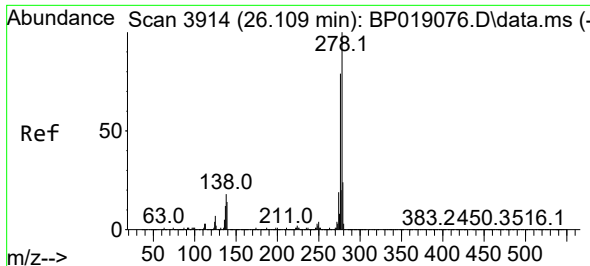
Ion Ratio Lower Upper

276 100

138 20.4 19.4 29.2

277 25.0 19.8 29.6

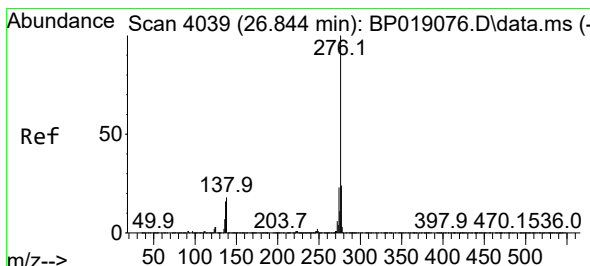
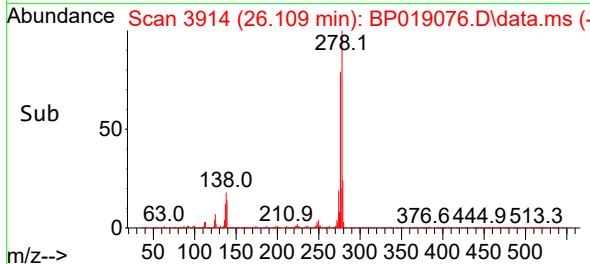
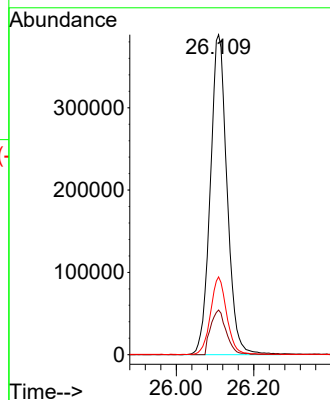
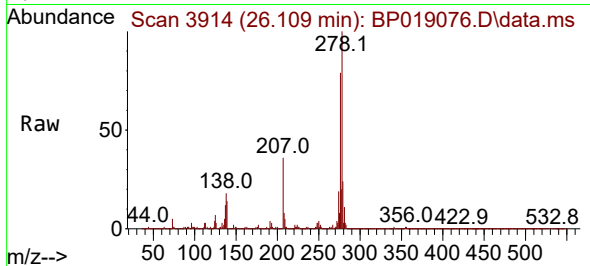




#95
 Dibenzo(a,h)anthracene
 Concen: 20.242 ng/ul
 RT: 26.109 min Scan# 3914
 Delta R.T. -0.024 min
 Lab File: BP019076.D
 Acq: 26 Dec 2023 10:53

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020723

Tgt Ion:278 Resp: 1167322
 Ion Ratio Lower Upper
 278 100
 139 14.0 13.0 19.6
 279 24.3 18.7 28.1



#96
 Benzo(g,h,i)perylene
 Concen: 20.621 ng/ul
 RT: 26.844 min Scan# 4039
 Delta R.T. -0.024 min
 Lab File: BP019076.D
 Acq: 26 Dec 2023 10:53

Tgt Ion:276 Resp: 1150474
 Ion Ratio Lower Upper
 276 100
 138 18.5 18.1 27.1
 277 23.6 19.4 29.0

