

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019809.D
 Acq On : 21 Feb 2024 15:47
 Operator : MA/JU
 Sample : P1523-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20240765-COMPOSITE-39N-N-3-03MS

Quant Time: Feb 21 16:13:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	73752	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	260119	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	170101	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	372111	20.000	ng	0.00
76) Chrysene-d12	21.380	240	405956	20.000	ng	-0.01
86) Perylene-d12	23.792	264	500514	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	429863	93.951	ng	0.00
7) Phenol-d6	7.069	99	536041	86.888	ng	0.00
23) Nitrobenzene-d5	9.063	82	376883	62.782	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	281899	113.504	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	749569	54.476	ng	0.00
79) Terphenyl-d14	19.851	244	1171670	47.465	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	64238	36.441	ng	# 83
3) Pyridine	3.775	79	167455	35.038	ng	97
4) n-Nitrosodimethylamine	3.699	42	86290	41.471	ng	98
6) Aniline	7.228	93	166558	27.785	ng	99
8) 2-Chlorophenol	7.457	128	196530	41.838	ng	97
9) Benzaldehyde	7.046	77	37947m	8.773	ng	
10) Phenol	7.093	94	244108	39.700	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	191486	40.028	ng	98
12) 1,3-Dichlorobenzene	7.781	146	231624	40.297	ng	97
13) 1,4-Dichlorobenzene	7.928	146	239782	41.176	ng	99
14) 1,2-Dichlorobenzene	8.240	146	226064	40.122	ng	98
15) Benzyl Alcohol	8.146	79	196837m	39.932	ng	
16) 2,2'-oxybis(1-Chloropr...	8.416	45	186802	39.050	ng	99
17) 2-Methylphenol	8.345	107	157676	38.089	ng	99
18) Hexachloroethane	8.963	117	90861	40.254	ng	97
19) n-Nitroso-di-n-propyla...	8.710	70	160707	38.137	ng	98
20) 3+4-Methylphenols	8.675	107	214942	38.046	ng	98
22) Acetophenone	8.728	105	309634	41.784	ng	# 98
24) Nitrobenzene	9.110	77	237478	39.291	ng	98
25) Isophorone	9.634	82	420766	40.247	ng	99
26) 2-Nitrophenol	9.810	139	106756	46.323	ng	99
27) 2,4-Dimethylphenol	9.875	122	118082	40.070	ng	98
28) bis(2-Chloroethoxy)met...	10.116	93	239092	40.421	ng	100
29) 2,4-Dichlorophenol	10.345	162	194233	43.603	ng	97
30) 1,2,4-Trichlorobenzene	10.557	180	237353	43.456	ng	98
31) Naphthalene	10.739	128	588077	41.221	ng	99
32) Benzoic acid	10.022	122	130398	45.417	ng	97
33) 4-Chloroaniline	10.869	127	82138	15.568	ng	98
34) Hexachlorobutadiene	11.010	225	177054	43.744	ng	97
35) Caprolactam	11.675	113	55246	43.809	ng	99
36) 4-Chloro-3-methylphenol	11.992	107	203574	41.911	ng	99
37) 2-Methylnaphthalene	12.351	142	406610	41.184	ng	100
38) 1-Methylnaphthalene	12.569	142	388203	40.011	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	292549	44.595	ng	99
41) Hexachlorocyclopentadiene	12.681	237	343524	115.916	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	176709	44.485	ng	98

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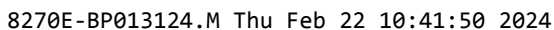
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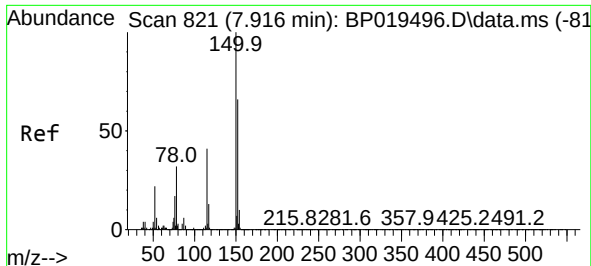
Quant Time: Feb 21 16:13:22 2024
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 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	188693	43.259	ng	96
46) 1,1'-Biphenyl	13.363	154	554942	40.876	ng	99
47) 2-Chloronaphthalene	13.410	162	443445	39.790	ng	97
48) 2-Nitroaniline	13.622	65	133792	42.934	ng	98
49) Acenaphthylene	14.251	152	689733	44.113	ng	99
50) Dimethylphthalate	13.998	163	553238	42.486	ng	99
51) 2,6-Dinitrotoluene	14.128	165	121481	42.462	ng	94
52) Acenaphthene	14.592	154	388928	40.078	ng	95
53) 3-Nitroaniline	14.451	138	90943	34.589	ng	92
54) 2,4-Dinitrophenol	14.663	184	152225	102.478	ng	96
55) Dibenzofuran	14.928	168	670339	42.412	ng	100
56) 4-Nitrophenol	14.763	139	188379	87.414	ng	97
57) 2,4-Dinitrotoluene	14.910	165	170730	45.539	ng	98
58) Fluorene	15.580	166	534507	42.460	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.157	232	180944	49.317	ng	94
60) Diethylphthalate	15.363	149	554633	42.822	ng	98
61) 4-Chlorophenyl-phenyle...	15.580	204	309226	43.704	ng	96
62) 4-Nitroaniline	15.616	138	109067	39.575	ng	98
63) Azobenzene	15.875	77	518086	41.365	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	103581	48.817	ng	93
66) n-Nitrosodiphenylamine	15.798	169	460594	41.330	ng	100
67) 4-Bromophenyl-phenylether	16.474	248	207688	44.646	ng	95
68) Hexachlorobenzene	16.574	284	239660	44.118	ng	97
69) Atrazine	16.763	200	192110	51.949	ng	97
70) Pentachlorophenol	16.927	266	302852	89.524	ng	99
71) Phenanthrene	17.327	178	858111	43.819	ng	99
72) Anthracene	17.421	178	869486	44.509	ng	100
73) Carbazole	17.698	167	756496	42.627	ng	99
74) Di-n-butylphthalate	18.251	149	943008	43.947	ng	100
75) Fluoranthene	19.298	202	1094572	45.755	ng	99
77) Benzidine	19.492	184	148720	17.523	ng	100
78) Pyrene	19.651	202	1134517	39.598	ng	99
80) Butylbenzylphthalate	20.533	149	446318	41.714	ng	100
81) Benzo(a)anthracene	21.362	228	1254321	43.894	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	398703	38.288	ng	98
83) Chrysene	21.415	228	1172086	43.202	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	654434	40.168	ng	99
85) Di-n-octyl phthalate	22.239	149	1140537	39.788	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	1651286	43.100	ng	98
88) Benzo(b)fluoranthene	23.056	252	1339916	42.476	ng	99
89) Benzo(k)fluoranthene	23.109	252	1307983	43.407	ng	98
90) Benzo(a)pyrene	23.686	252	1223460	43.589	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	1368416	43.428	ng	97
92) Benzo(g,h,i)perylene	27.097	276	1305381	40.835	ng	98

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

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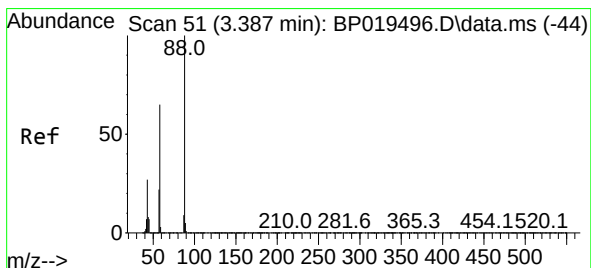
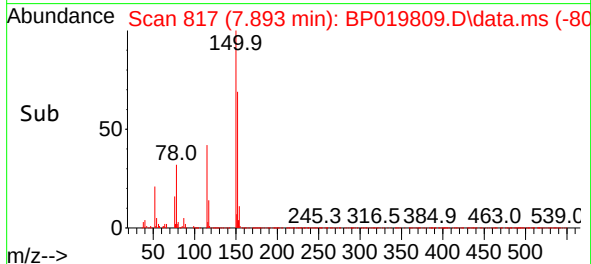
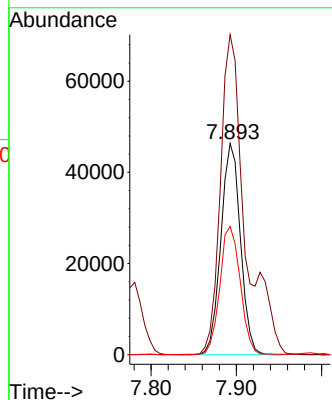
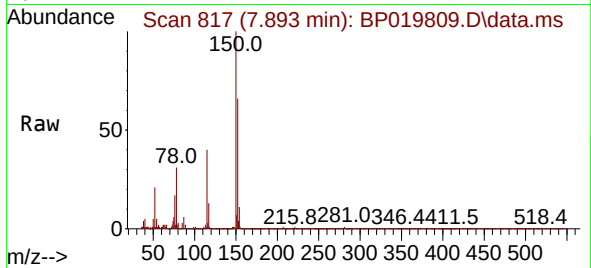




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.893 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP019809.D
 Acq: 21 Feb 2024 15:47

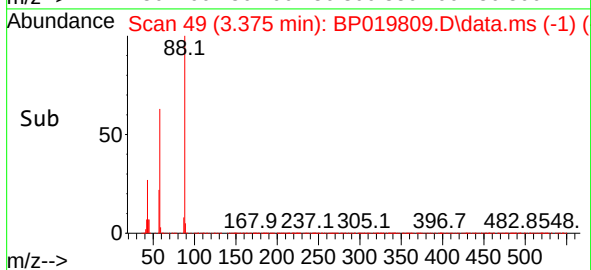
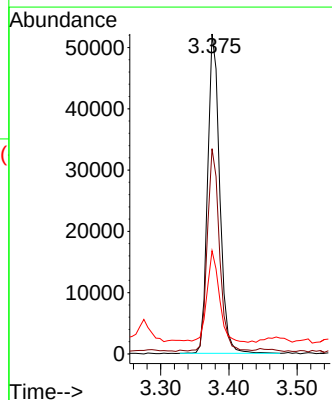
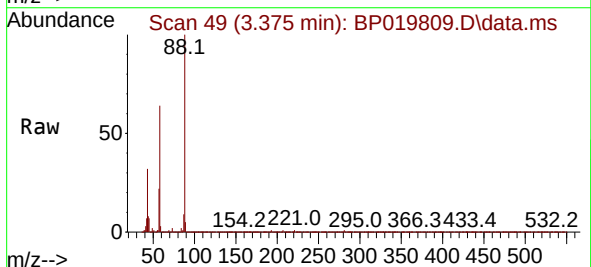
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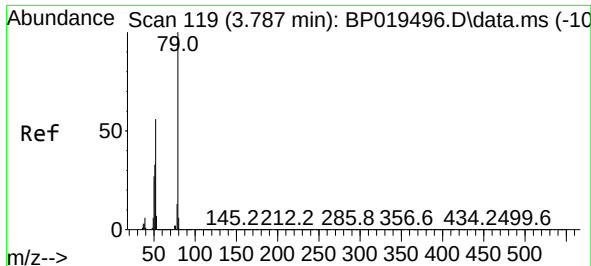
Tgt Ion:152 Resp: 73752
 Ion Ratio Lower Upper
 152 100
 150 151.6 121.8 182.8
 115 60.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.441 ng
 RT: 3.375 min Scan# 49
 Delta R.T. -0.006 min
 Lab File: BP019809.D
 Acq: 21 Feb 2024 15:47

Tgt Ion: 88 Resp: 64238
 Ion Ratio Lower Upper
 88 100
 58 63.5 52.6 78.8
 43 0.0 21.9 32.9

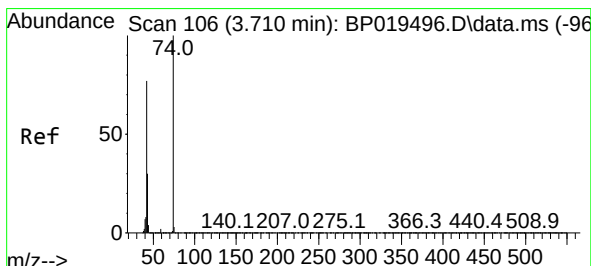
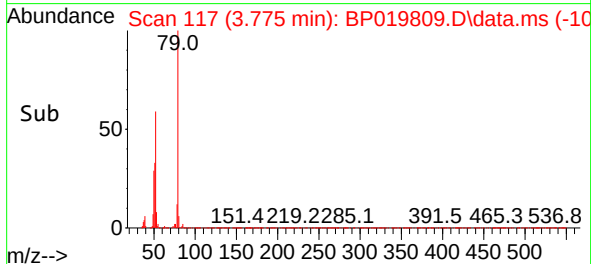
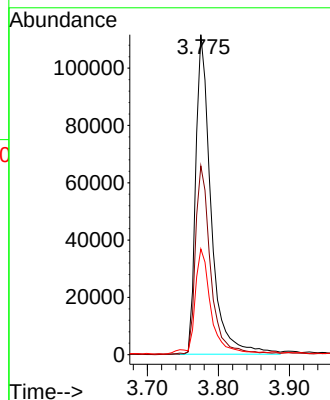
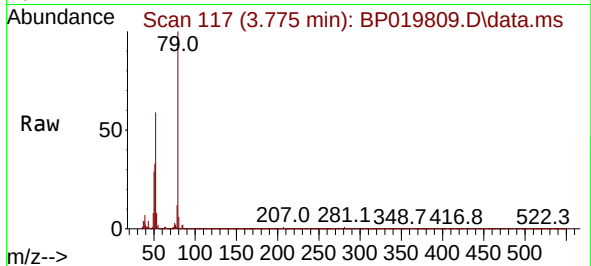




#3
Pyridine
Concen: 35.038 ng
RT: 3.775 min Scan# 119
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

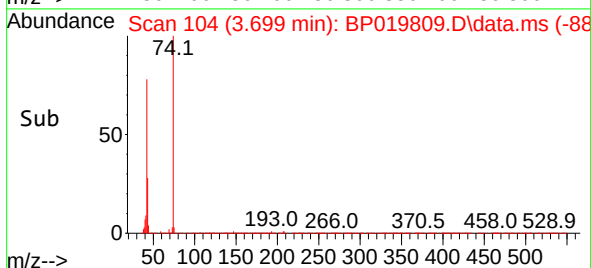
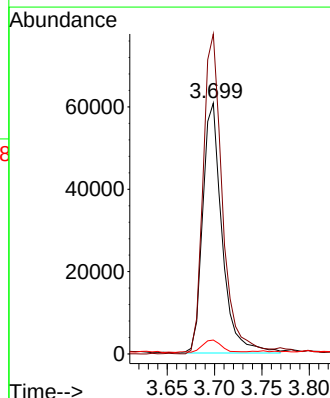
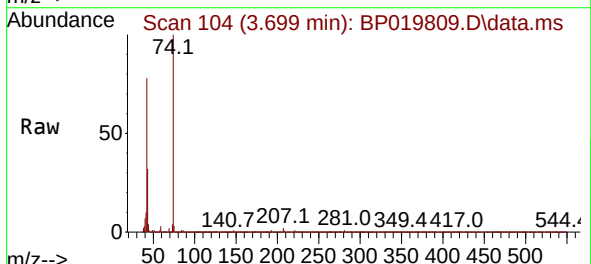
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

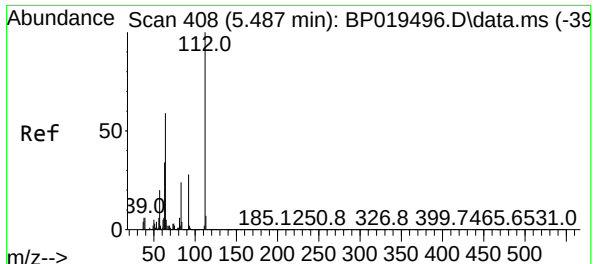
Tgt Ion: 79 Resp: 167455
Ion Ratio Lower Upper
79 100
52 59.0 45.0 67.6
51 33.1 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.471 ng
RT: 3.699 min Scan# 104
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 42 Resp: 86290
Ion Ratio Lower Upper
42 100
74 127.5 103.4 155.2
44 5.6 4.8 7.2

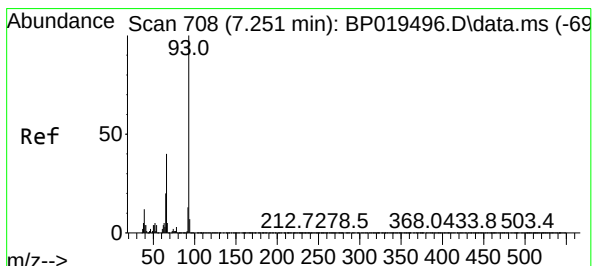
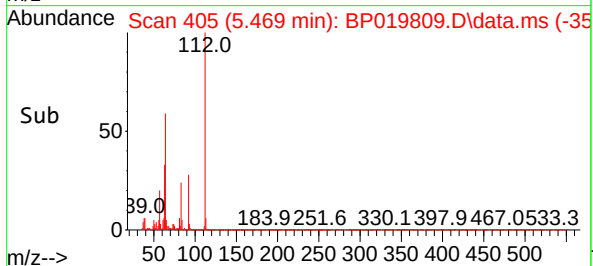
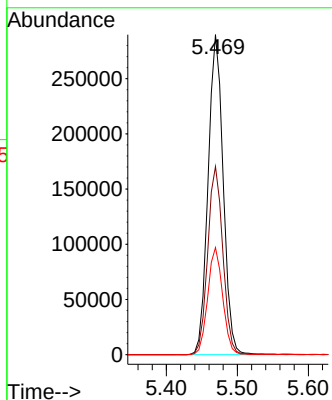
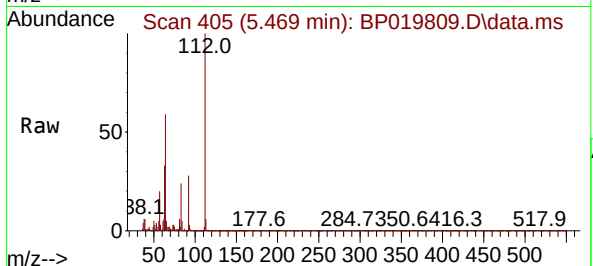




#5
2-Fluorophenol
Concen: 93.951 ng
RT: 5.469 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

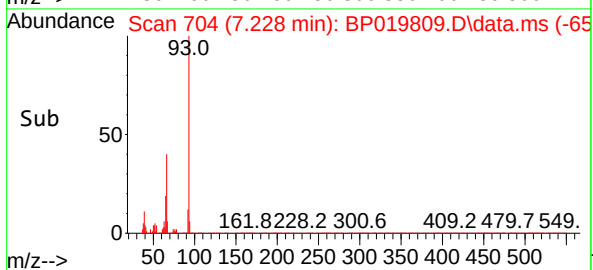
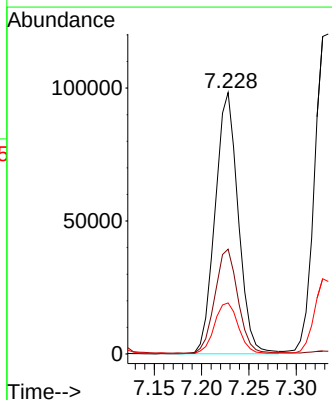
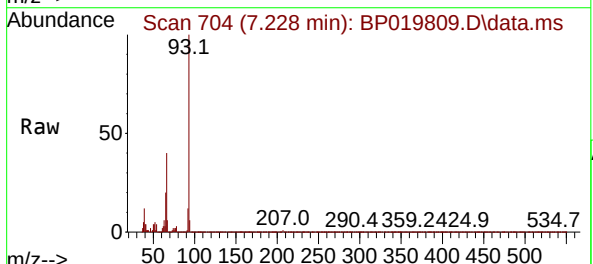
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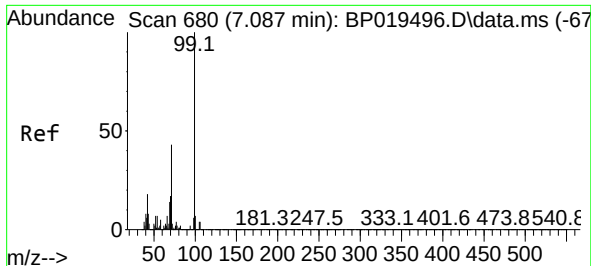
Tgt Ion:112 Resp: 429863
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 33.5 27.0 40.6



#6
Aniline
Concen: 27.785 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 93 Resp: 166558
Ion Ratio Lower Upper
93 100
66 40.1 32.3 48.5
65 19.5 16.4 24.6

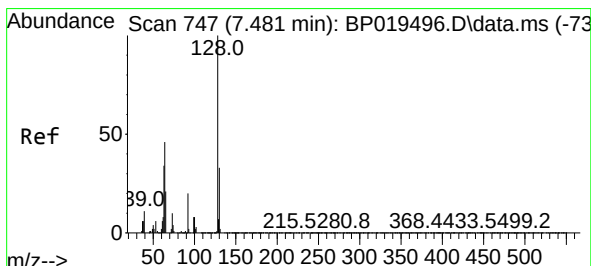
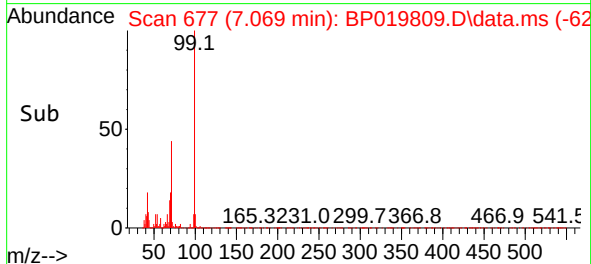
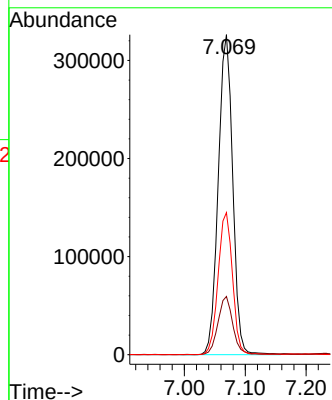
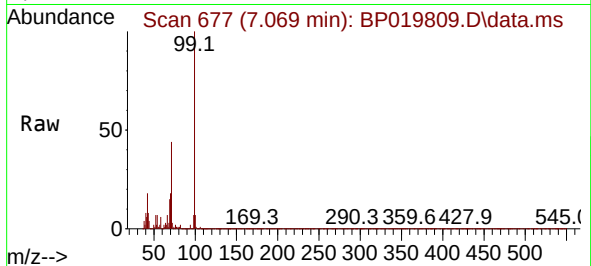




#7
Phenol-d6
Concen: 86.888 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

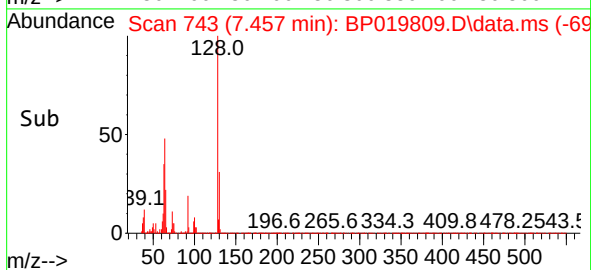
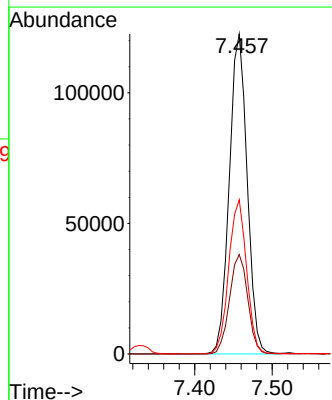
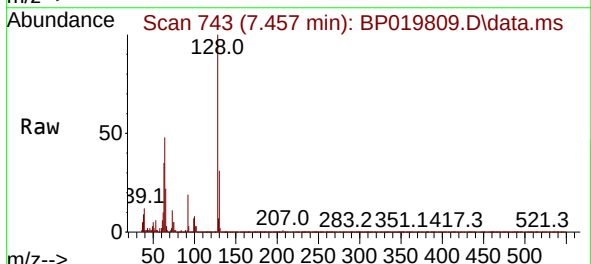
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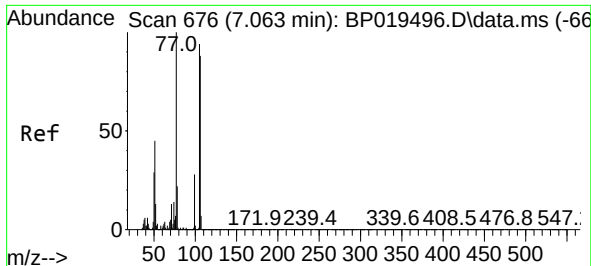
Tgt Ion: 99 Resp: 536041
Ion Ratio Lower Upper
99 100
42 18.2 14.7 22.1
71 44.4 34.8 52.2



#8
2-Chlorophenol
Concen: 41.838 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 128 Resp: 196530
Ion Ratio Lower Upper
128 100
130 31.1 13.3 53.3
64 48.2 29.7 69.7

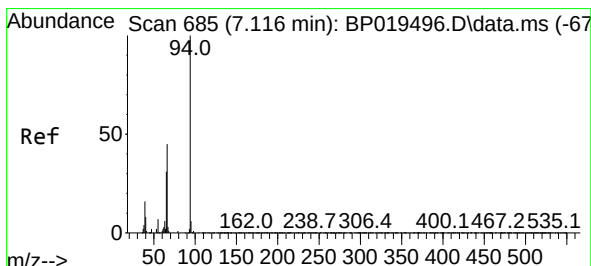
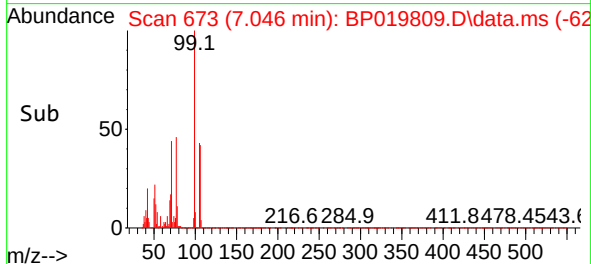
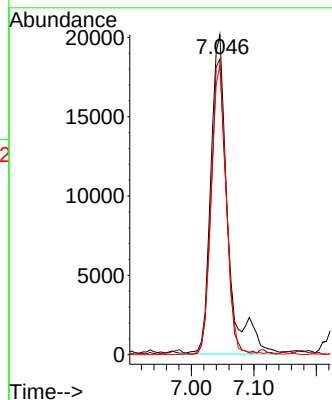
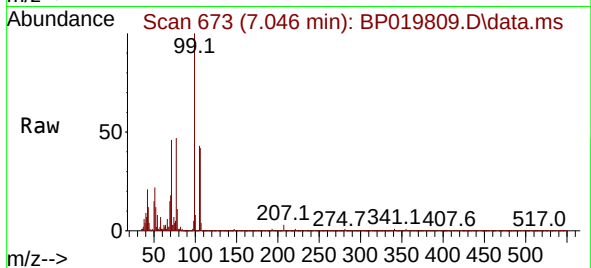




#9
Benzaldehyde
Concen: 8.773 ng m
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019809.D
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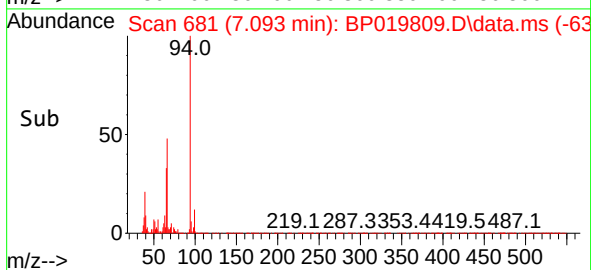
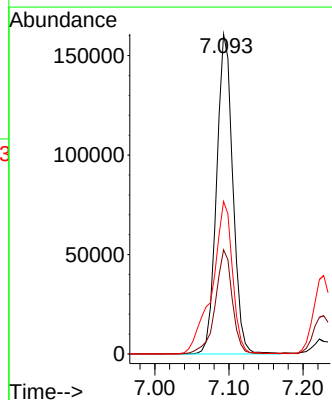
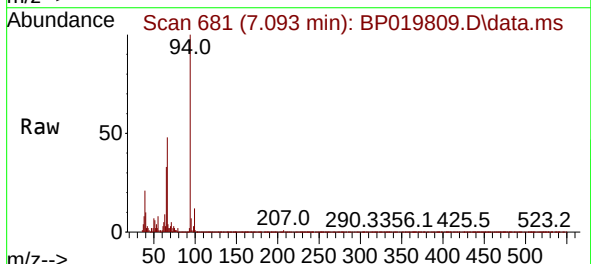
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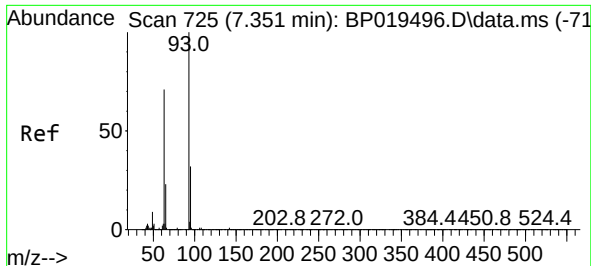
Tgt Ion: 77 Resp: 37947
Ion Ratio Lower Upper
77 100
105 92.3 74.0 114.0
106 90.6 67.8 107.8



#10
Phenol
Concen: 39.700 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 94 Resp: 244108
Ion Ratio Lower Upper
94 100
65 32.5 11.3 51.3
66 47.7 25.1 65.1

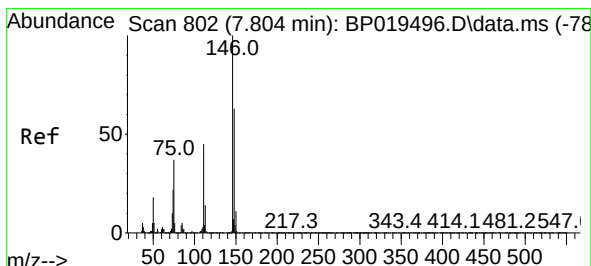
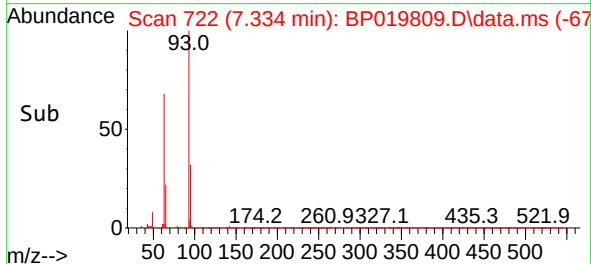
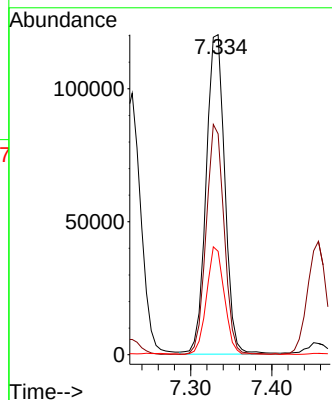
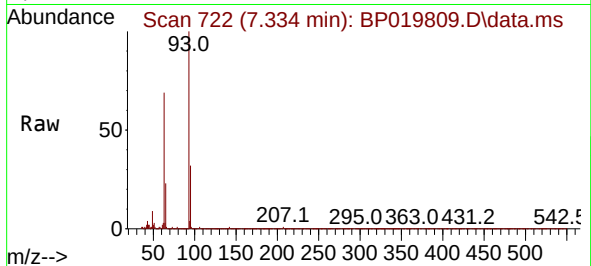




#11
bis(2-Chloroethyl)ether
Concen: 40.028 ng
RT: 7.334 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

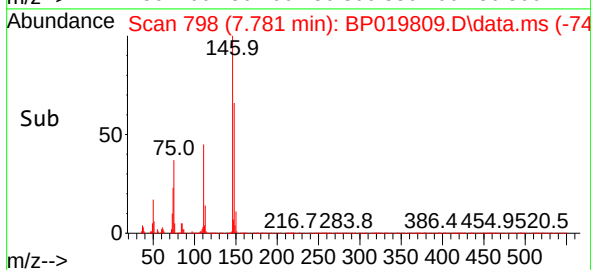
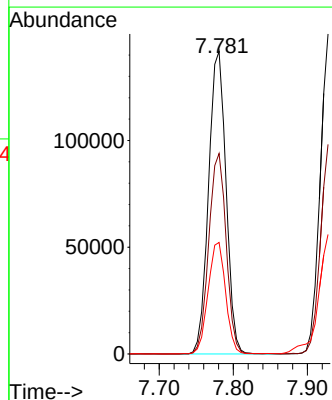
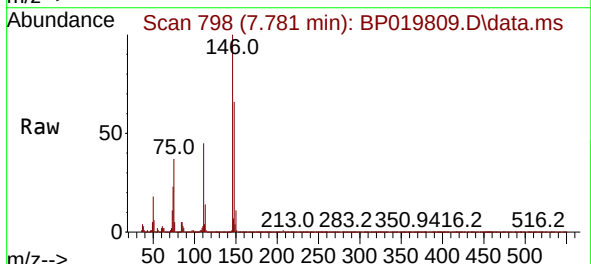
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

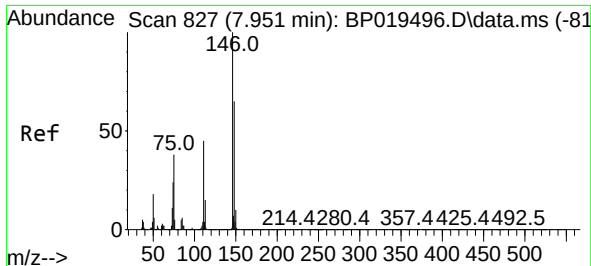
Tgt Ion: 93 Resp: 191486
Ion Ratio Lower Upper
93 100
63 69.0 51.2 91.2
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.297 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:146 Resp: 231624
Ion Ratio Lower Upper
146 100
148 66.2 50.4 75.6
75 36.9 29.9 44.9

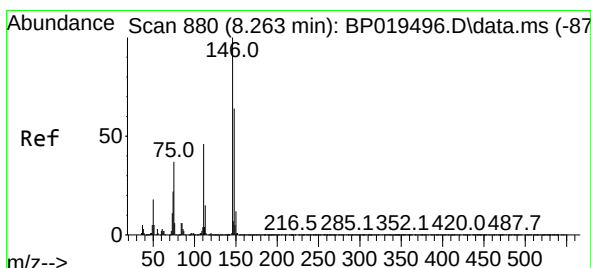
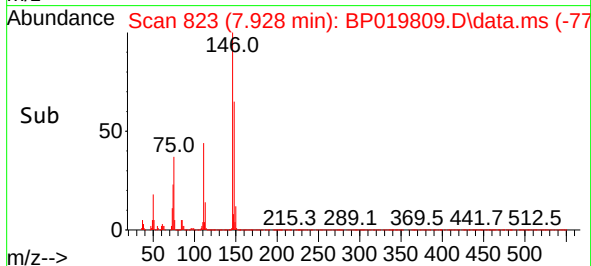
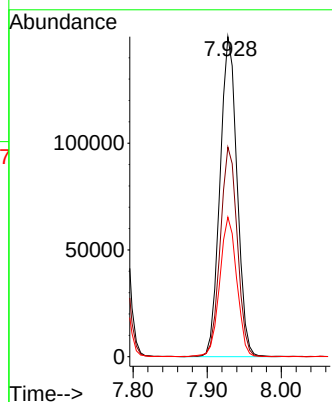
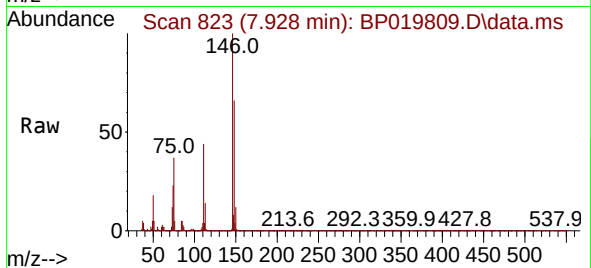




#13
1,4-Dichlorobenzene
Concen: 41.176 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

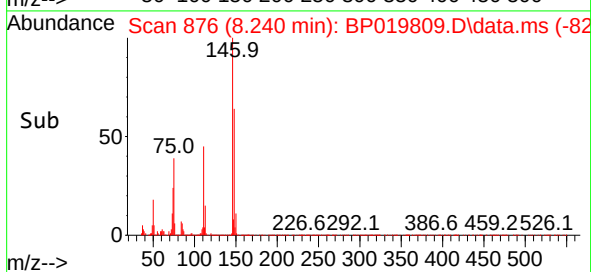
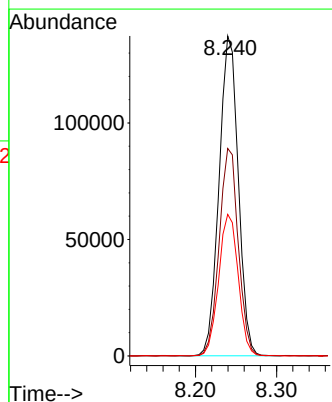
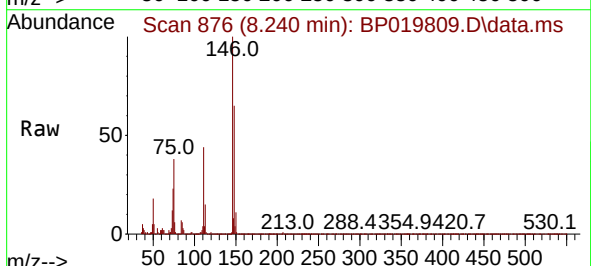
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

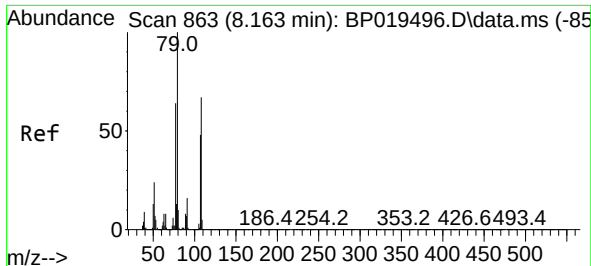
Tgt Ion:146 Resp: 239782
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
111 43.6 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 40.122 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:146 Resp: 226064
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
111 44.3 37.0 55.6

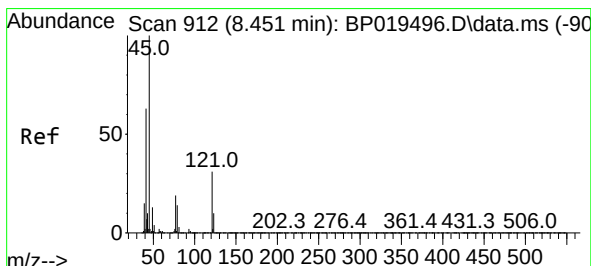
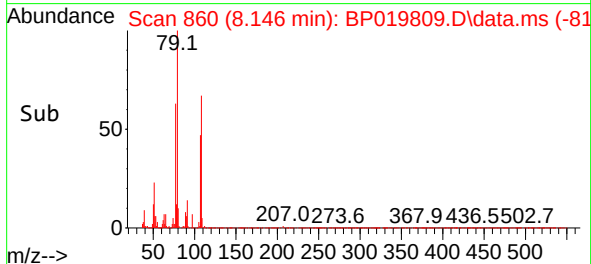
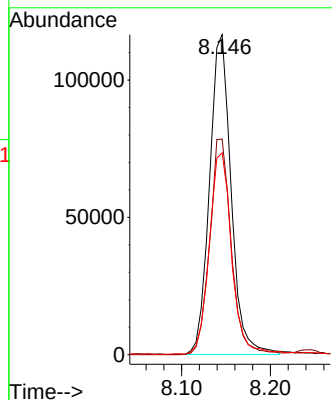
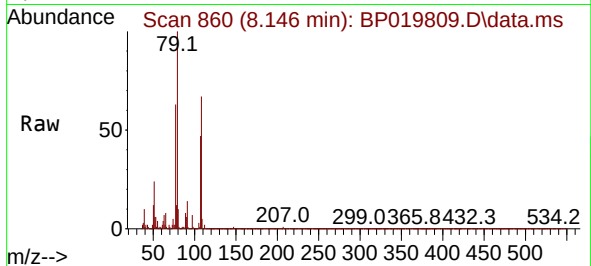




#15
Benzyl Alcohol
Concen: 39.932 ng m
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

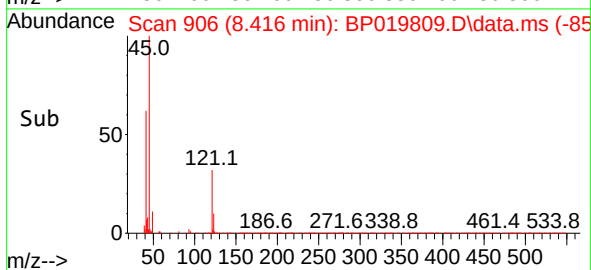
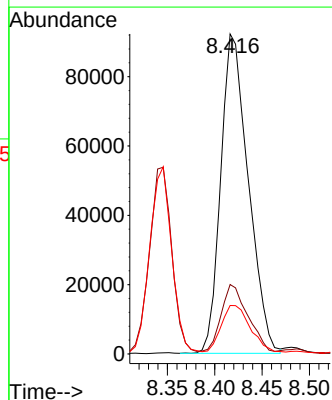
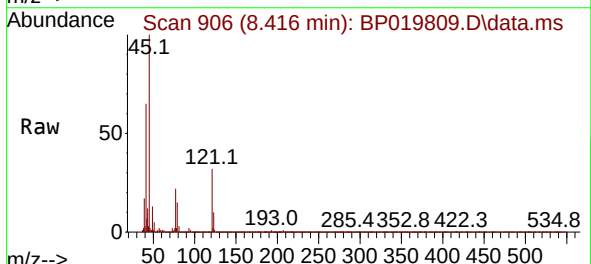
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

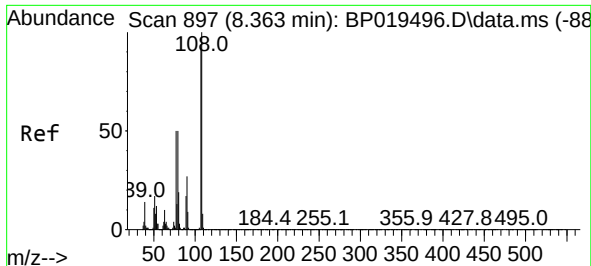
Tgt Ion: 79 Resp: 196837
Ion Ratio Lower Upper
79 100
108 67.4 53.8 80.6
77 63.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.050 ng
RT: 8.416 min Scan# 906
Delta R.T. -0.024 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 45 Resp: 186802
Ion Ratio Lower Upper
45 100
77 21.7 0.8 40.8
79 15.2 0.0 35.5

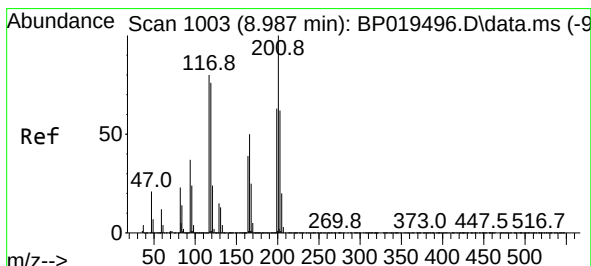
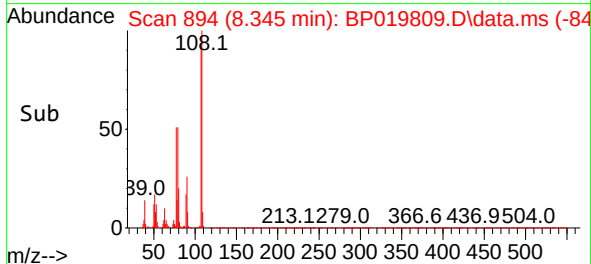
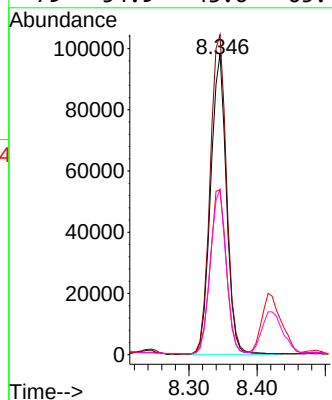
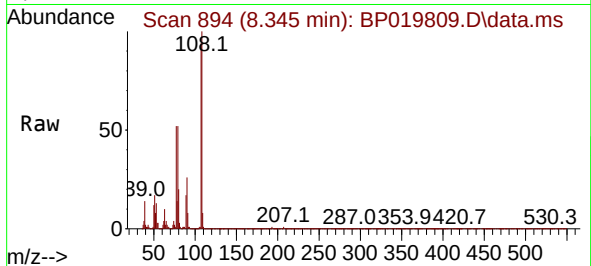




#17
2-Methylphenol
Concen: 38.089 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

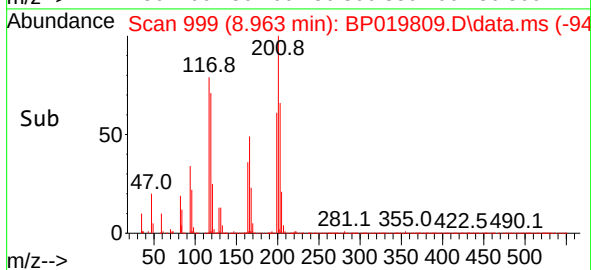
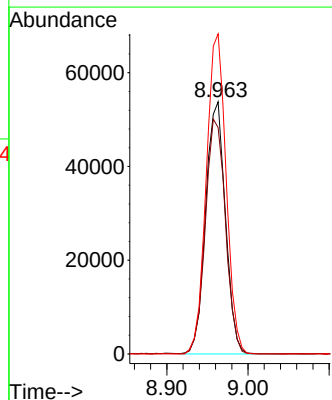
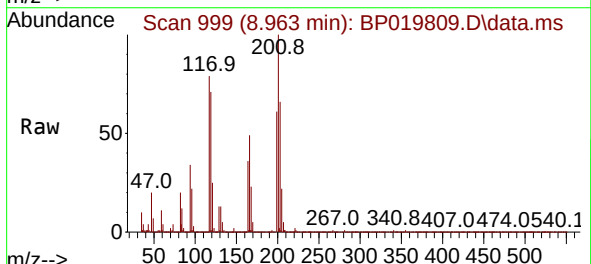
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

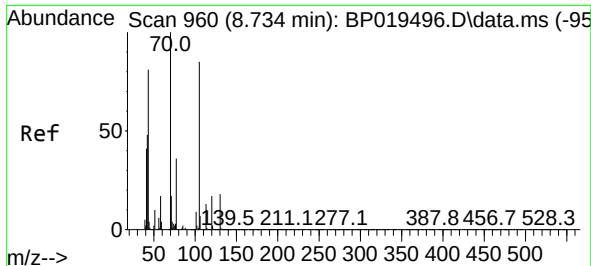
Tgt Ion:	107	Resp:	157676
Ion	Ratio	Lower	Upper
107	100		
108	106.3	87.0	130.6
77	54.8	43.5	65.3
79	54.9	43.6	65.4



#18
Hexachloroethane
Concen: 40.254 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:	117	Resp:	90861
Ion	Ratio	Lower	Upper
117	100		
119	89.8	75.5	113.3
201	126.9	99.4	149.2

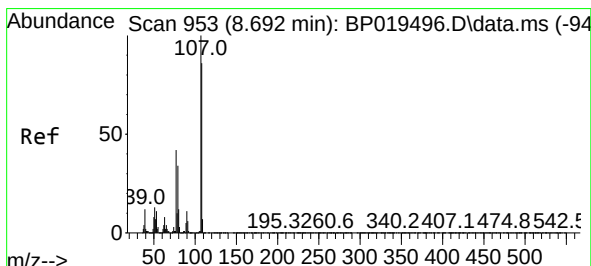
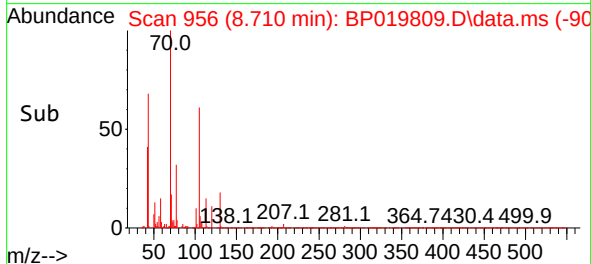
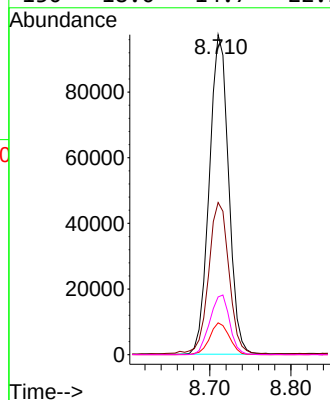
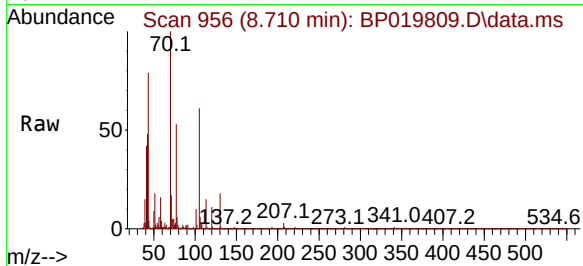




#19
n-Nitroso-di-n-propylamine
Concen: 38.137 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

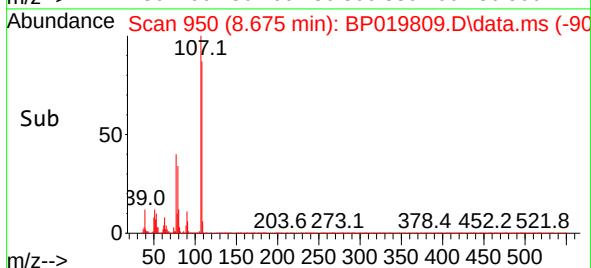
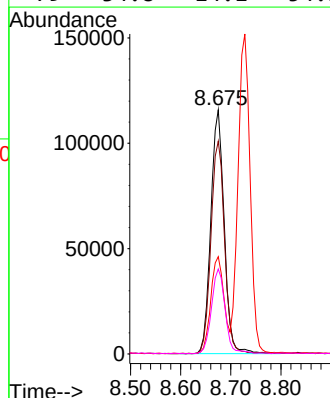
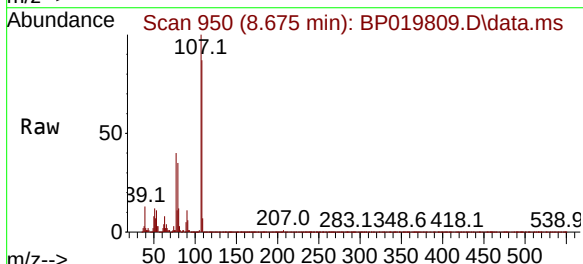
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

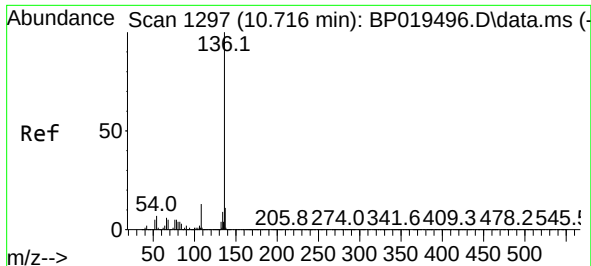
Tgt Ion: 70 Resp: 160707
Ion Ratio Lower Upper
70 100
42 47.5 39.2 58.8
101 10.0 7.3 10.9
130 18.0 14.7 22.1



#20
3+4-Methylphenols
Concen: 38.046 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 107 Resp: 214942
Ion Ratio Lower Upper
107 100
108 87.2 65.5 105.5
77 39.9 21.8 61.8
79 34.8 14.1 54.1

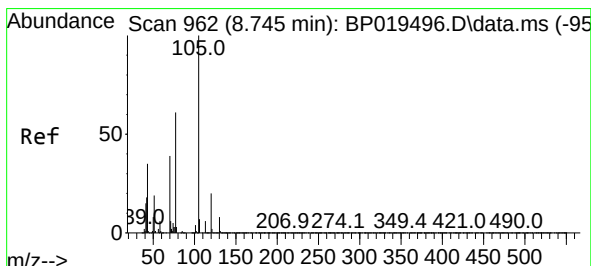
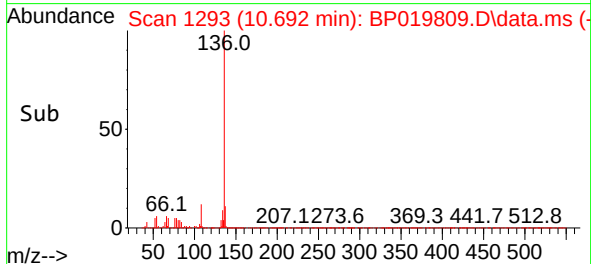
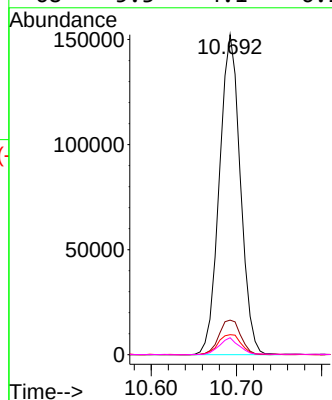
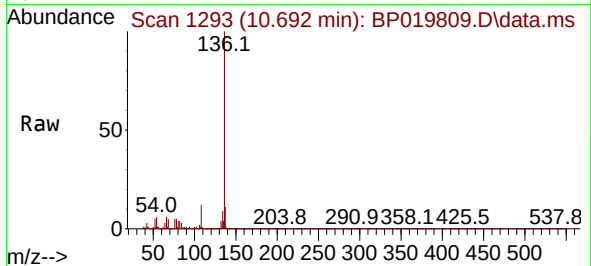




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

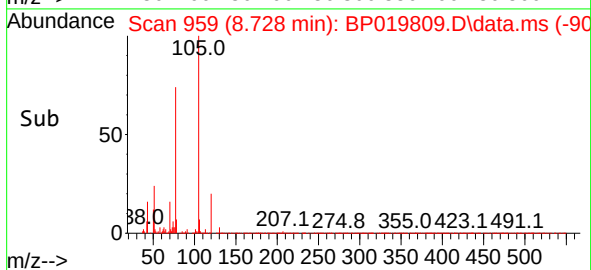
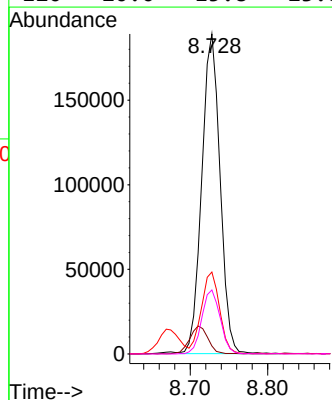
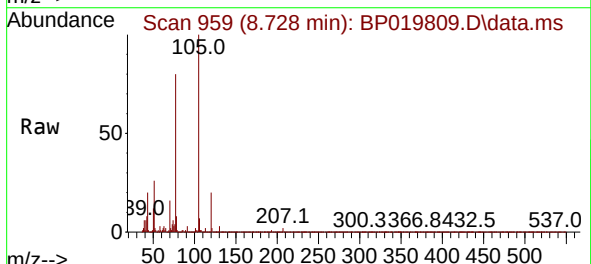
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

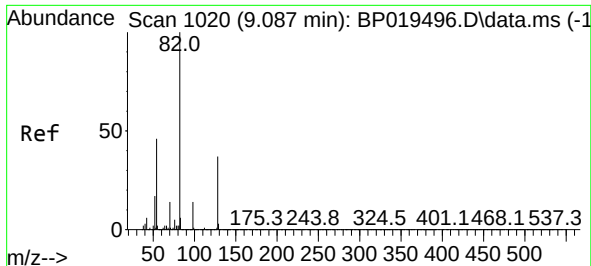
Tgt Ion:	136	Resp:	260119
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.3	7.9
68	5.3	4.1	6.1



#22
Acetophenone
Concen: 41.784 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:	105	Resp:	309634
Ion	Ratio	Lower	Upper
105	100		
71	2.5	4.9	7.3
51	25.6	20.7	31.1
120	20.0	15.8	23.8

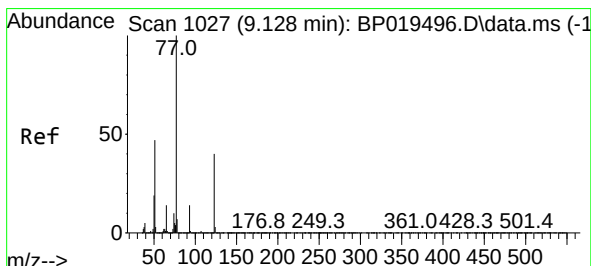
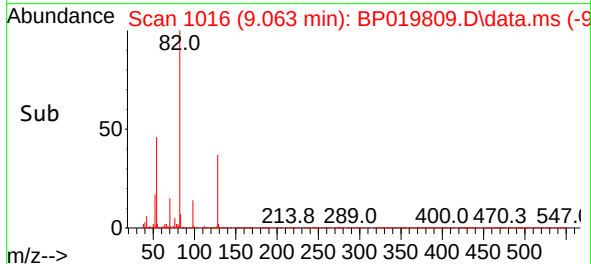
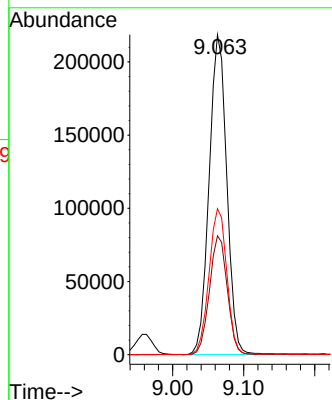
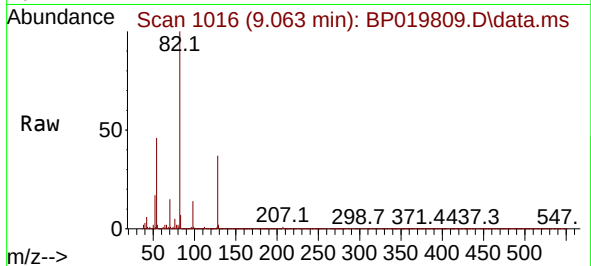




#23
Nitrobenzene-d5
Concen: 62.782 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

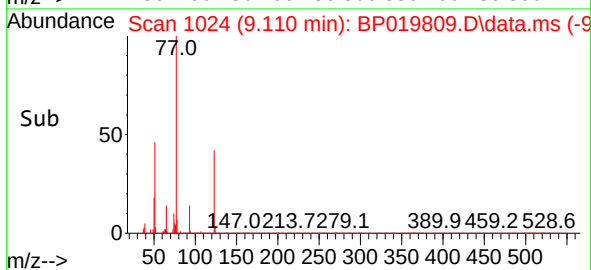
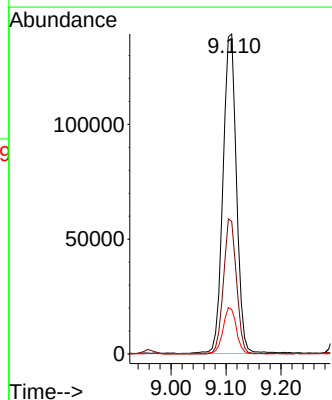
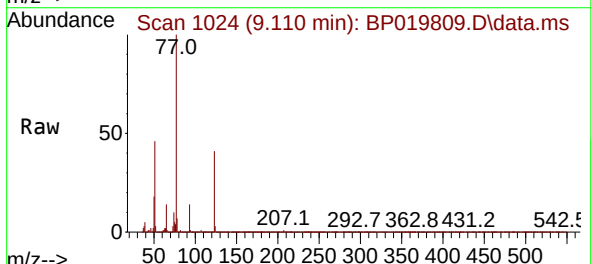
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

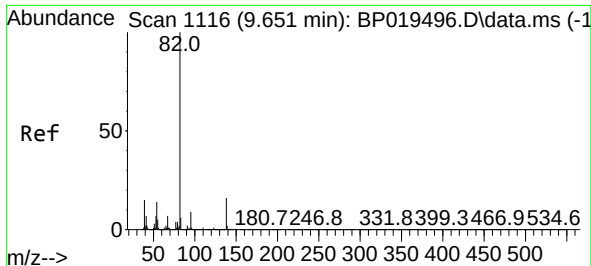
Tgt Ion: 82 Resp: 376883
Ion Ratio Lower Upper
82 100
128 37.2 29.7 44.5
54 45.6 36.8 55.2



#24
Nitrobenzene
Concen: 39.291 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 77 Resp: 237478
Ion Ratio Lower Upper
77 100
123 41.4 32.3 48.5
65 13.9 11.6 17.4

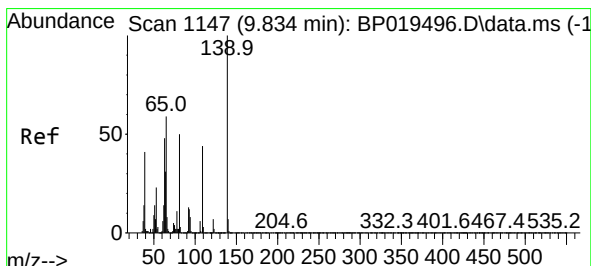
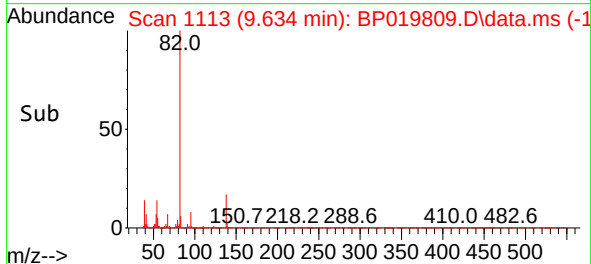
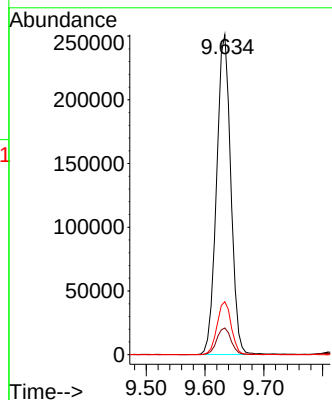
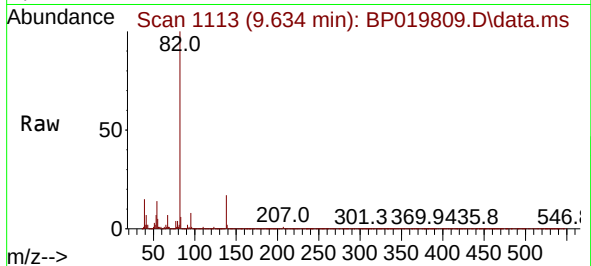




#25
Isophorone
Concen: 40.247 ng
RT: 9.634 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

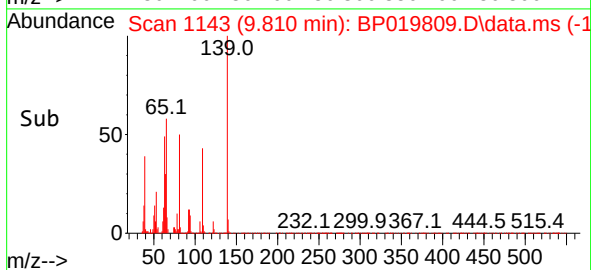
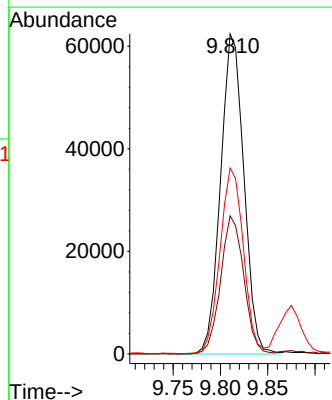
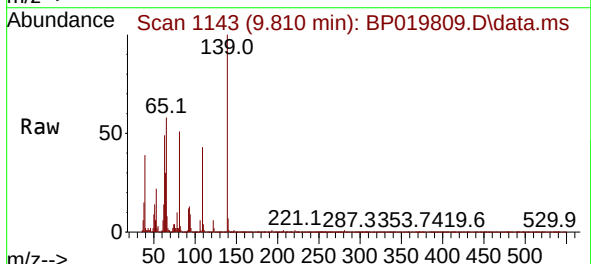
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

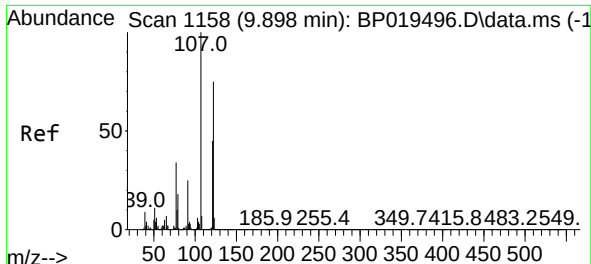
Tgt Ion: 82 Resp: 420766
Ion Ratio Lower Upper
82 100
95 8.4 7.0 10.4
138 16.5 13.1 19.7



#26
2-Nitrophenol
Concen: 46.323 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 139 Resp: 106756
Ion Ratio Lower Upper
139 100
109 43.2 34.9 52.3
65 58.1 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 40.070 ng

RT: 9.875 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

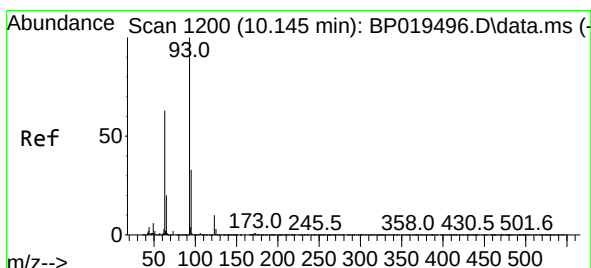
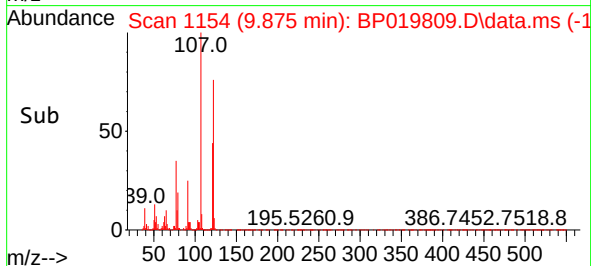
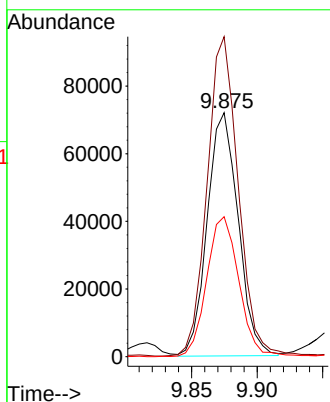
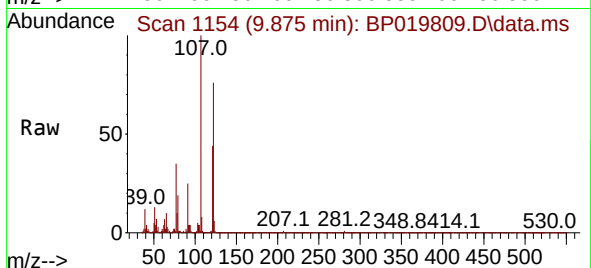
Tgt Ion:122 Resp: 118082

Ion Ratio Lower Upper

122 100

107 131.2 105.9 158.9

121 57.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.421 ng

RT: 10.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

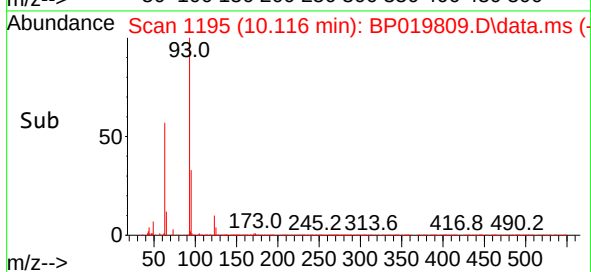
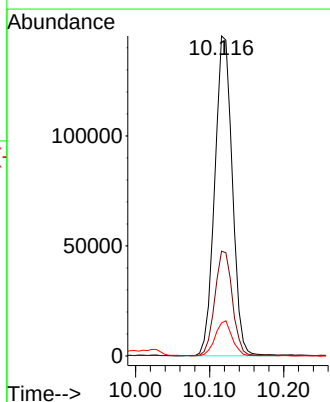
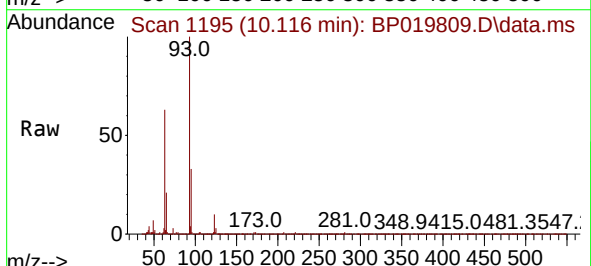
Tgt Ion: 93 Resp: 239092

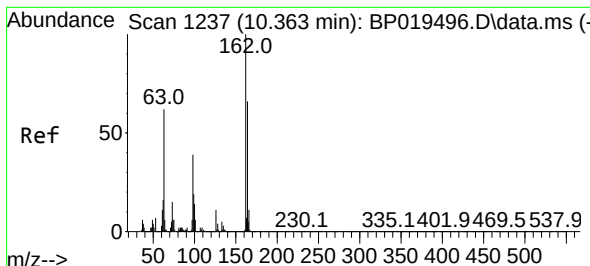
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 10.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 43.603 ng

RT: 10.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019809.D

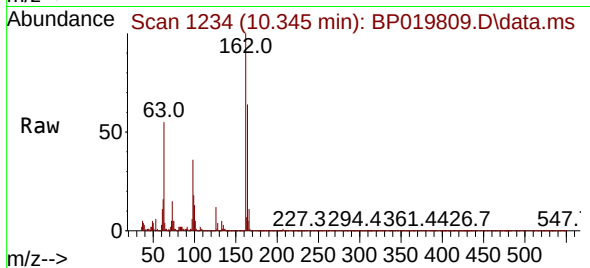
Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



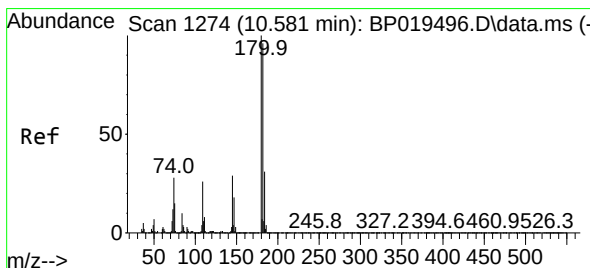
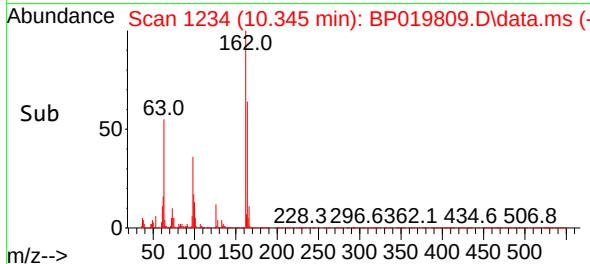
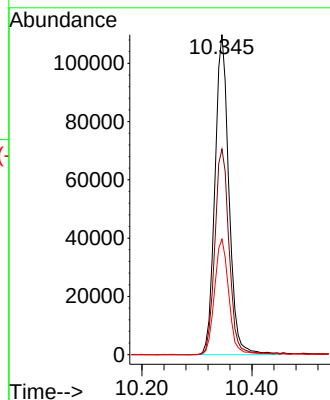
Tgt Ion:162 Resp: 194233

Ion Ratio Lower Upper

162 100

164 64.3 46.0 86.0

98 36.1 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 43.456 ng

RT: 10.557 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

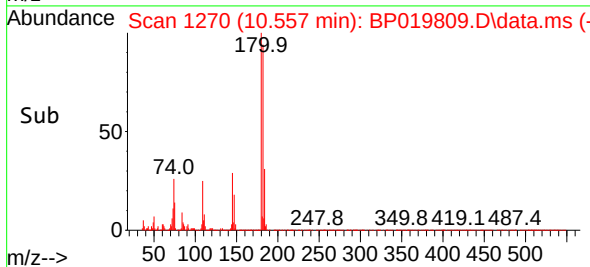
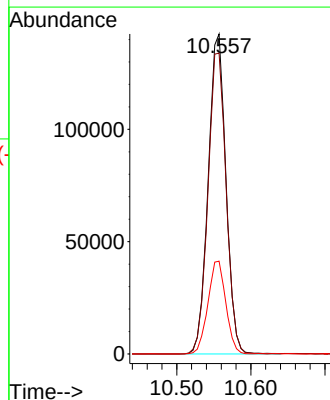
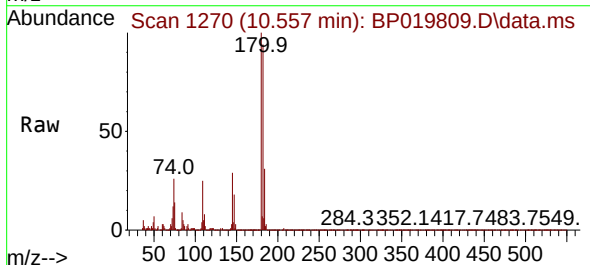
Tgt Ion:180 Resp: 237353

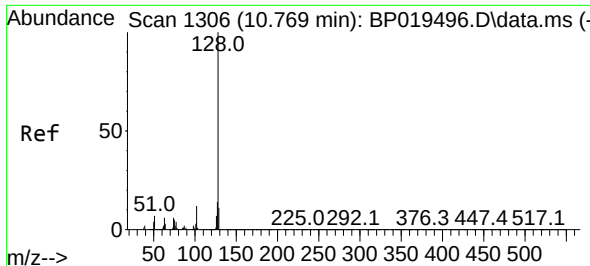
Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.6

145 29.0 23.2 34.8

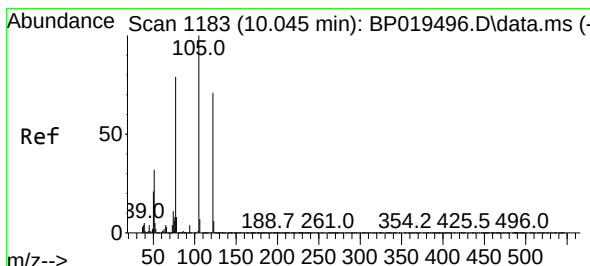
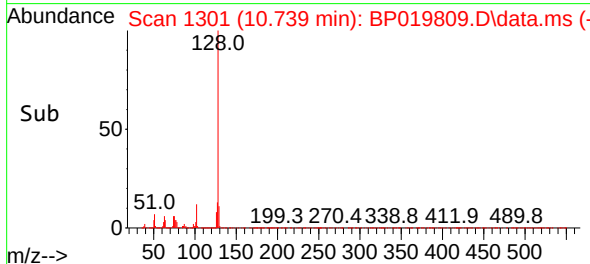
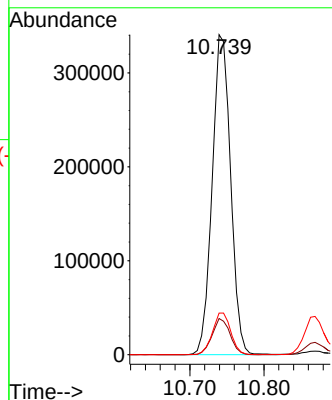
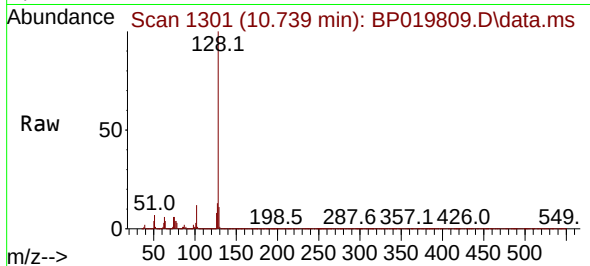




#31
Naphthalene
Concen: 41.221 ng
RT: 10.739 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

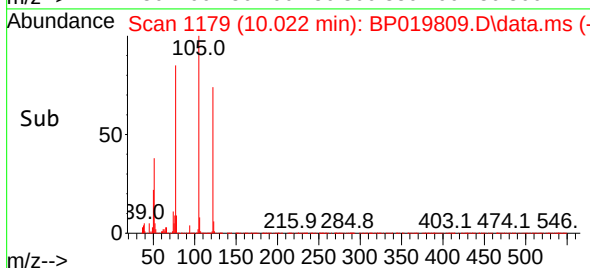
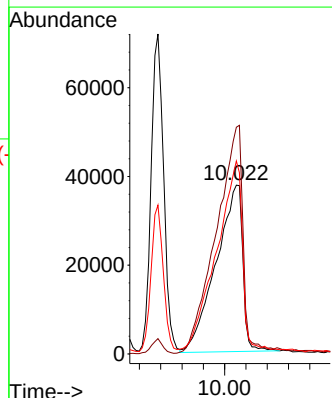
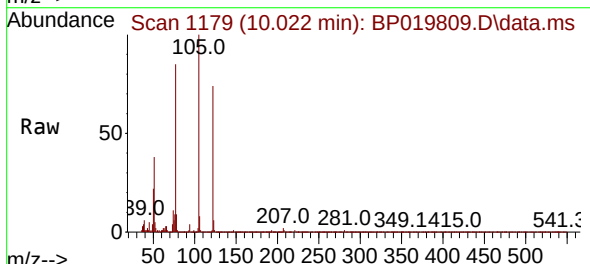
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

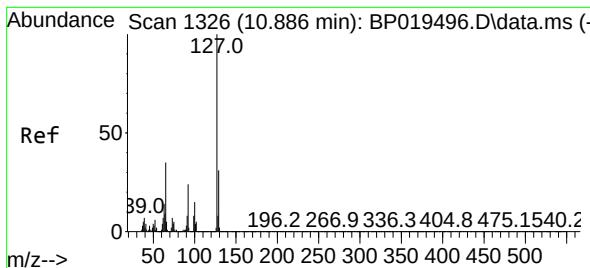
Tgt Ion:128 Resp: 588077
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 45.417 ng
RT: 10.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:122 Resp: 130398
Ion Ratio Lower Upper
122 100
105 134.3 118.8 158.8
77 114.2 91.7 131.7





#33

4-Chloroaniline

Concen: 15.568 ng

RT: 10.869 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019809.D

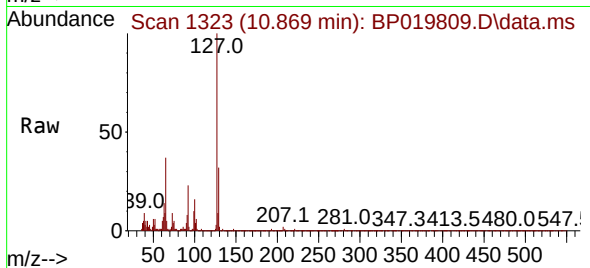
Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

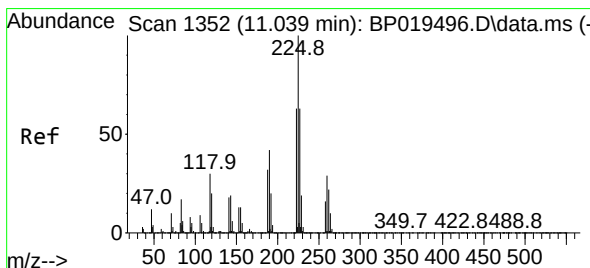
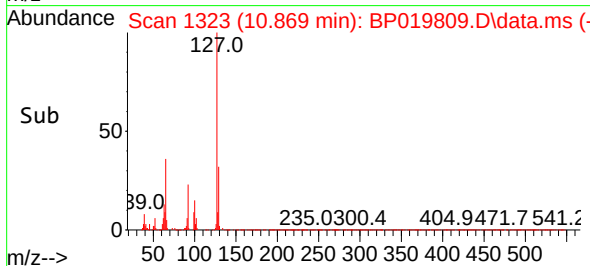
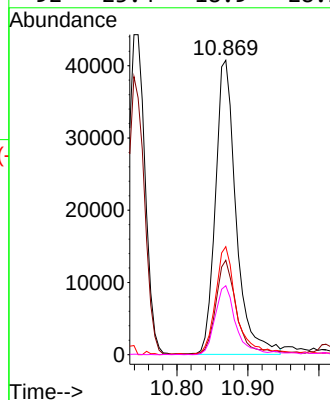
ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



Tgt Ion:127 Resp: 82138

Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.6	36.8
65	36.7	28.2	42.4
92	23.4	18.9	28.3



#34

Hexachlorobutadiene

Concen: 43.744 ng

RT: 11.010 min Scan# 1347

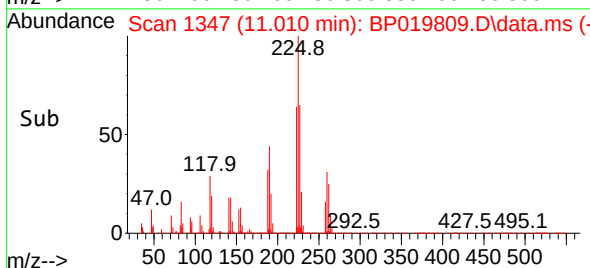
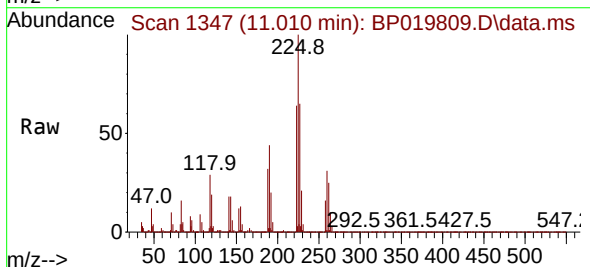
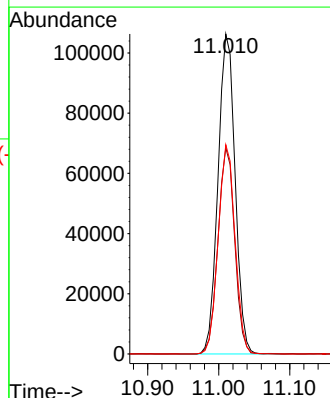
Delta R.T. -0.012 min

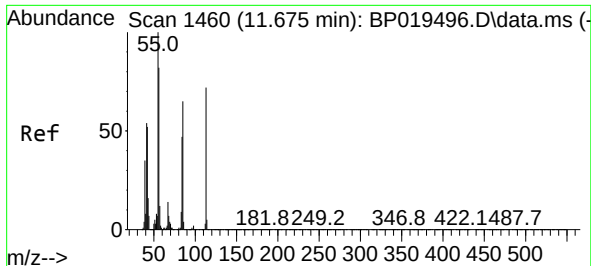
Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Tgt Ion:225 Resp: 177054

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.5	75.7
227	65.4	50.2	75.2

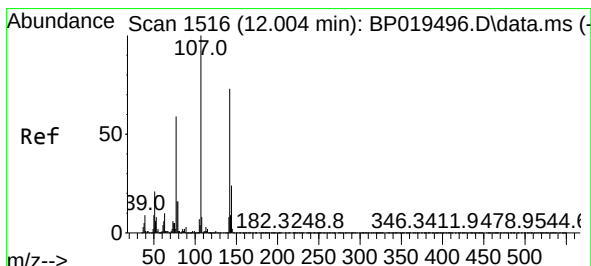
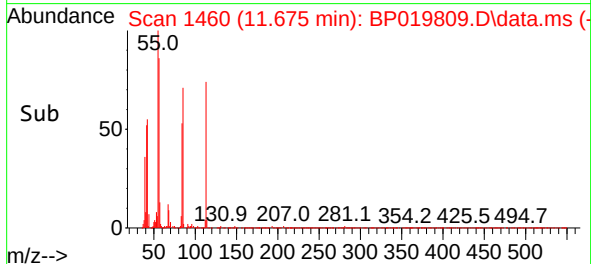
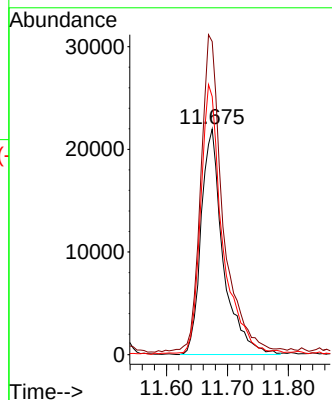
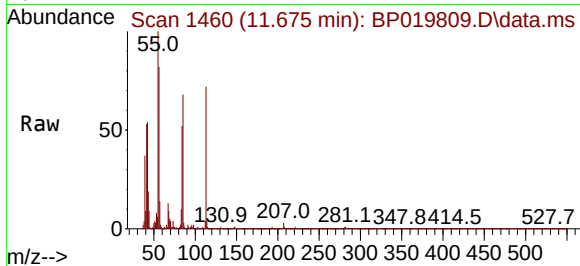




#35
Caprolactam
Concen: 43.809 ng
RT: 11.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

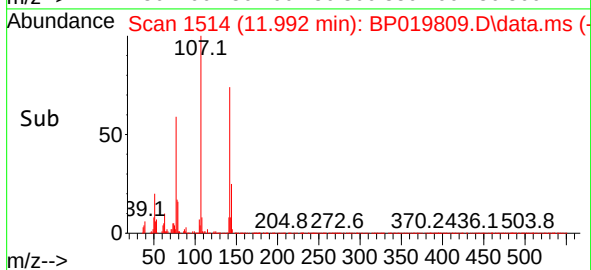
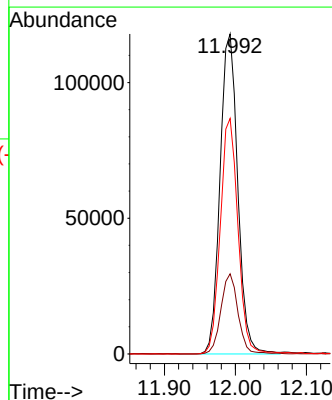
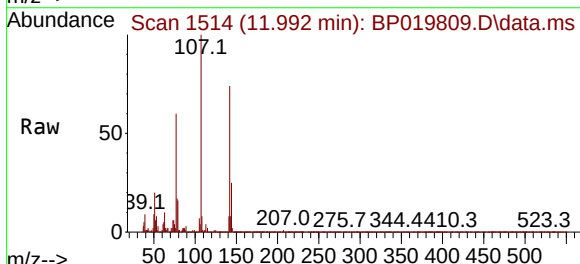
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

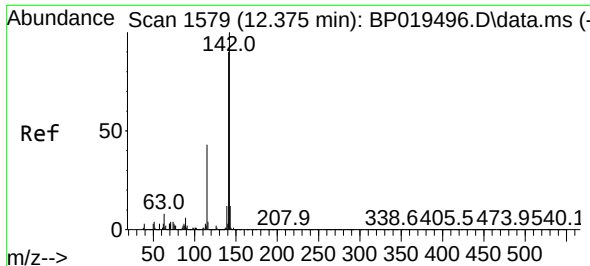
Tgt Ion:	113	Resp:	55246
Ion	Ratio	Lower	Upper
113	100		
55	138.8	120.0	160.0
56	114.4	94.0	134.0



#36
4-Chloro-3-methylphenol
Concen: 41.911 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:	107	Resp:	203574
Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.0	28.4
142	73.6	58.6	88.0

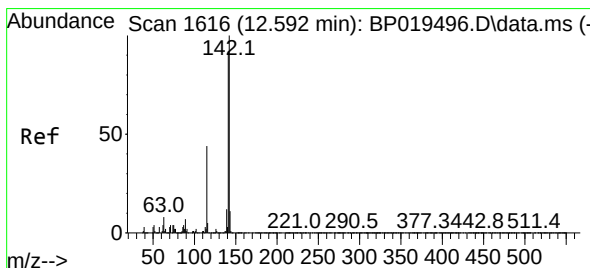
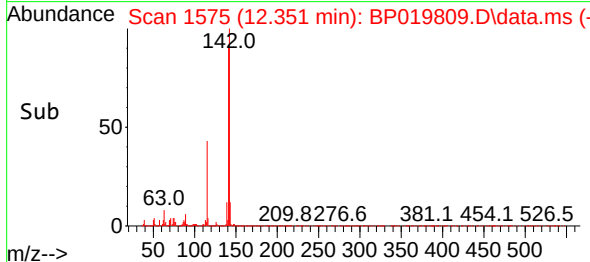
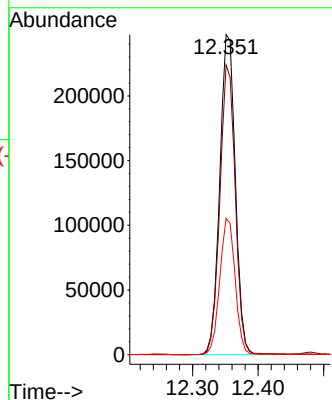
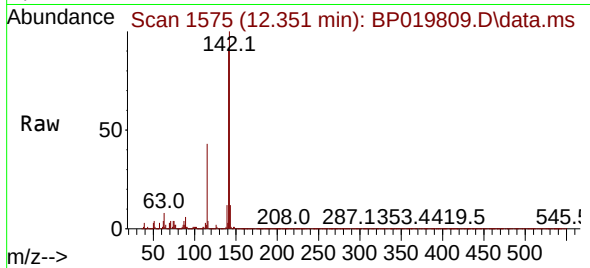




#37
2-Methylnaphthalene
Concen: 41.184 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

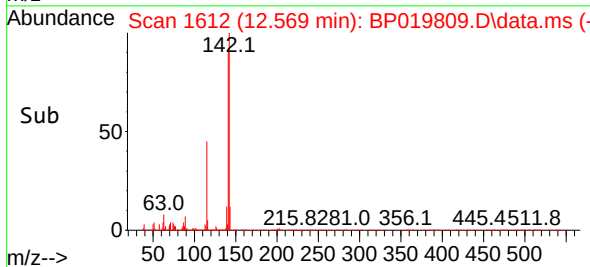
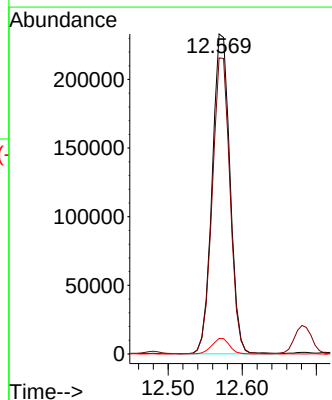
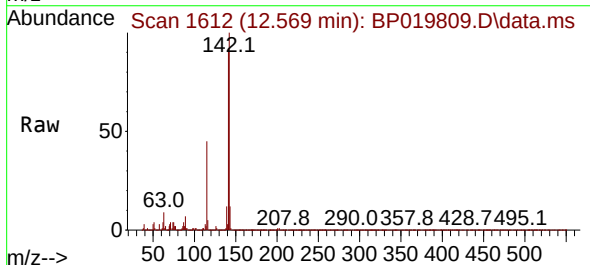
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

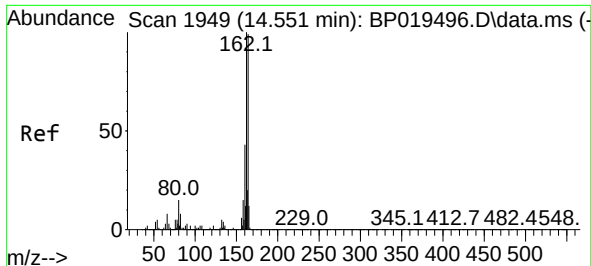
Tgt Ion:142 Resp: 406610
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.4
115 42.6 34.2 51.2



#38
1-Methylnaphthalene
Concen: 40.011 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:142 Resp: 388203
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0
116 4.8 3.7 5.5

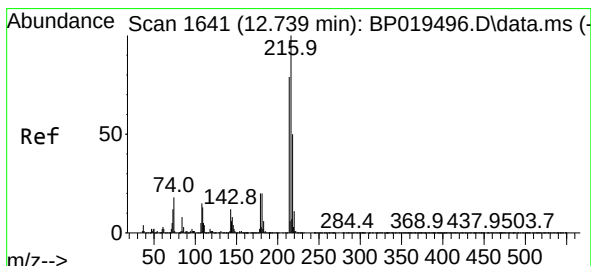
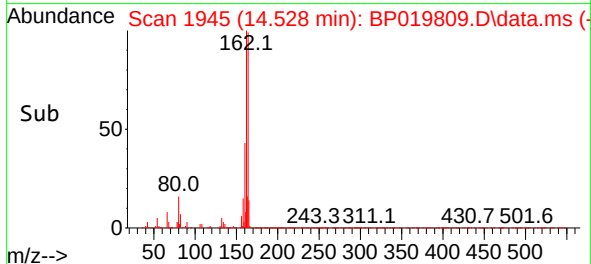
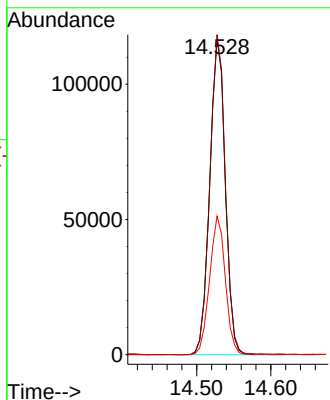
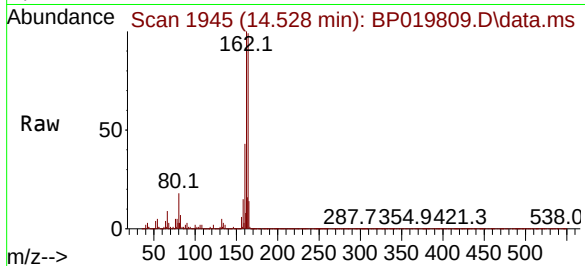




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

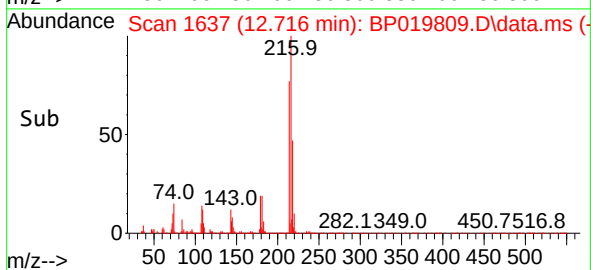
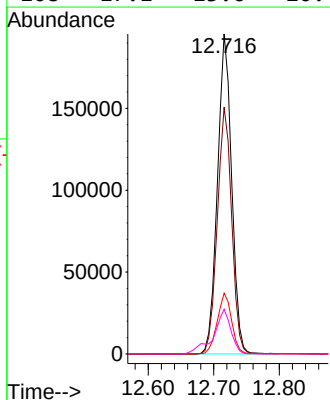
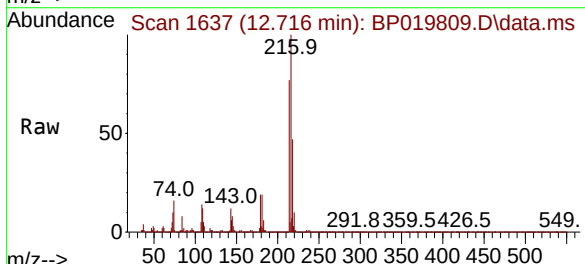
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

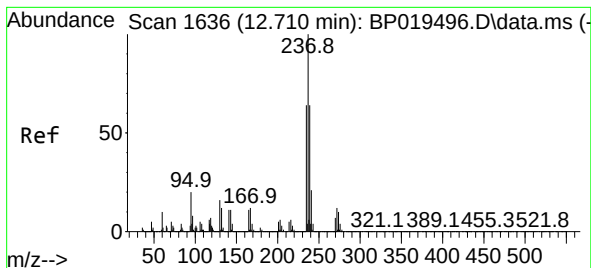
Tgt Ion:164 Resp: 170101
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 43.8 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.595 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:216 Resp: 292549
Ion Ratio Lower Upper
216 100
214 77.9 62.8 94.2
179 19.3 16.6 24.8
108 17.1 13.6 20.4

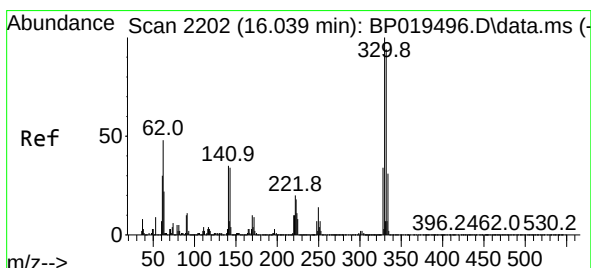
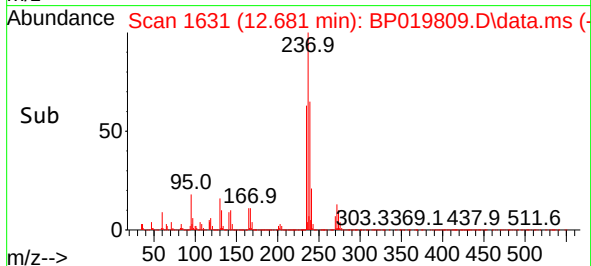
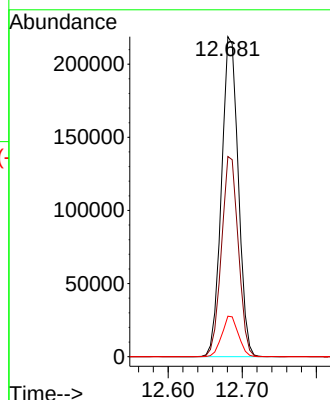
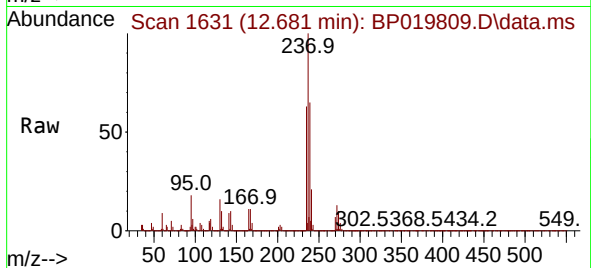




#41
Hexachlorocyclopentadiene
Concen: 115.916 ng
RT: 12.681 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

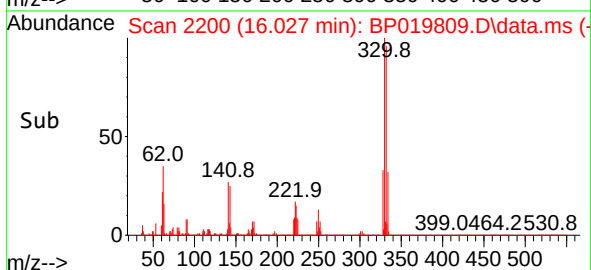
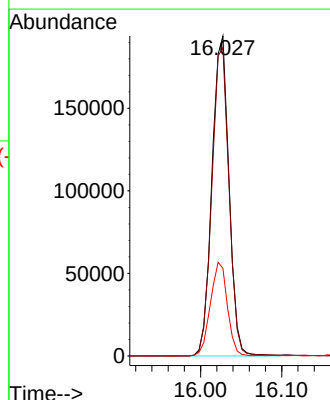
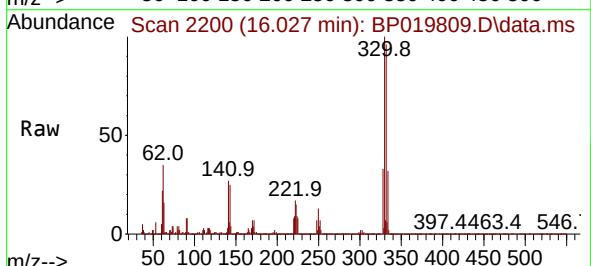
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

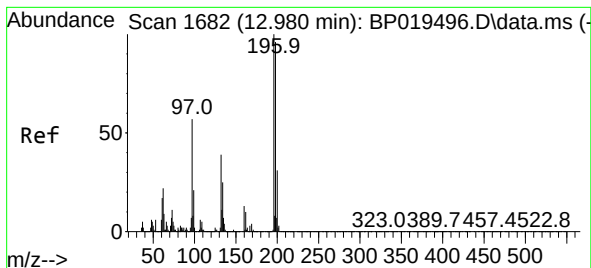
Tgt Ion:237 Resp: 343524
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 113.504 ng
RT: 16.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:330 Resp: 281899
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 29.1 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 44.485 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

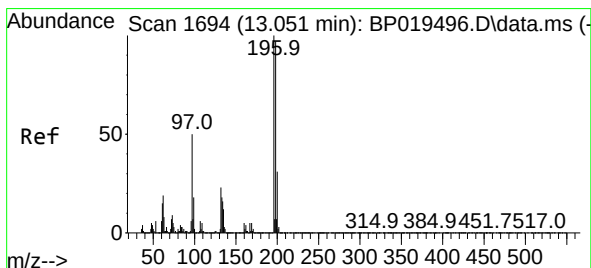
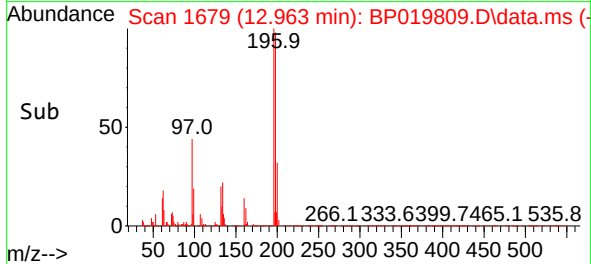
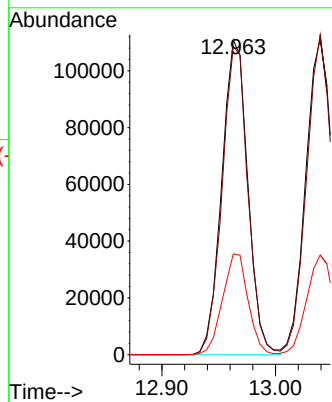
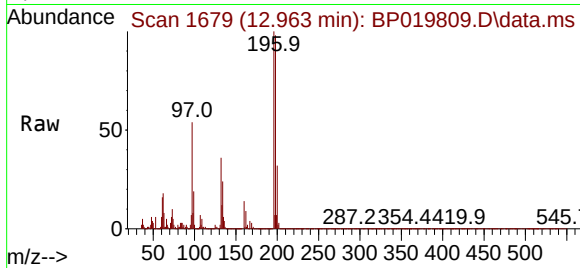
Tgt Ion:196 Resp: 176709

Ion Ratio Lower Upper

196 100

198 98.0 76.7 115.1

200 32.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 43.259 ng

RT: 13.039 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Tgt Ion:196 Resp: 188693

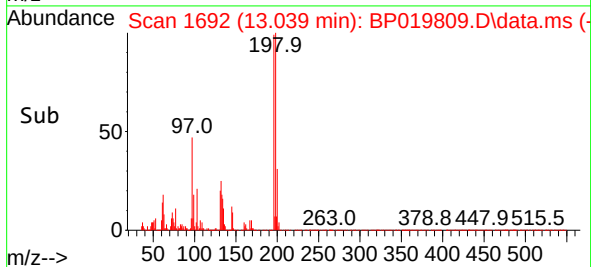
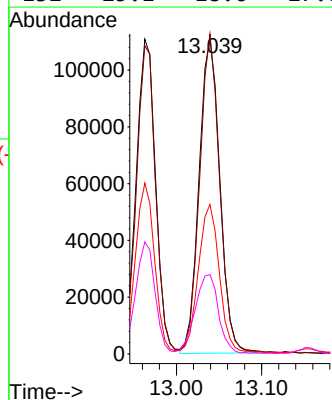
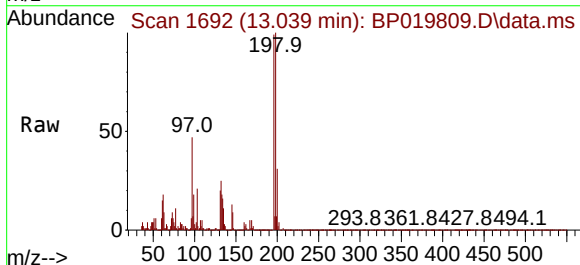
Ion Ratio Lower Upper

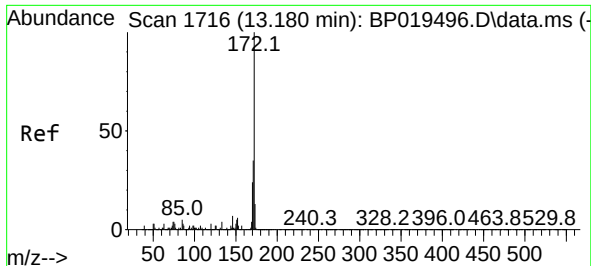
196 100

198 101.4 77.5 116.3

97 47.3 39.9 59.9

132 25.1 18.6 27.8

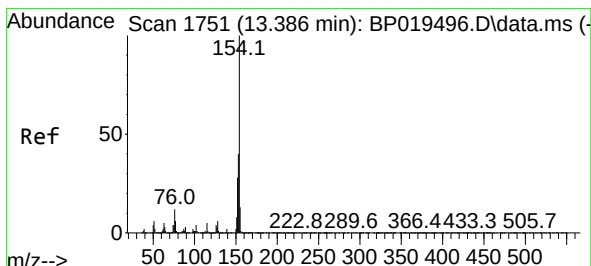
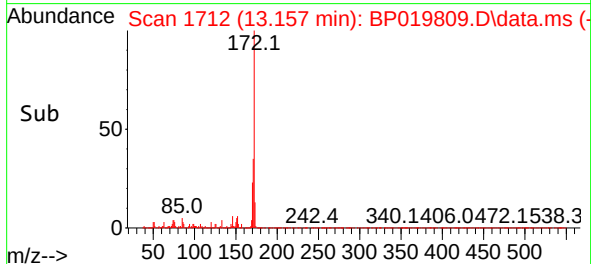
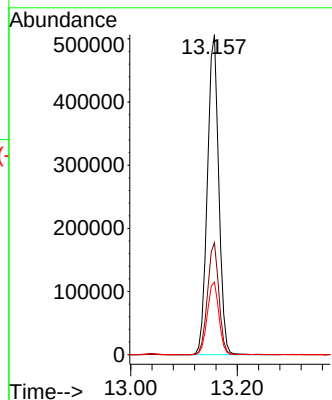
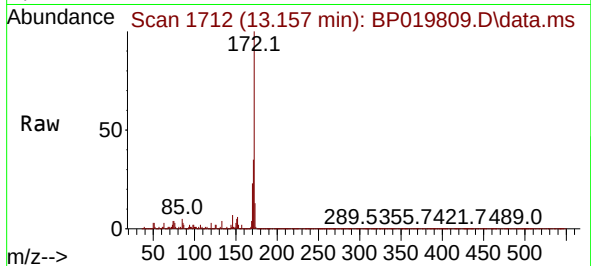




#45
2-Fluorobiphenyl
Concen: 54.476 ng
RT: 13.157 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

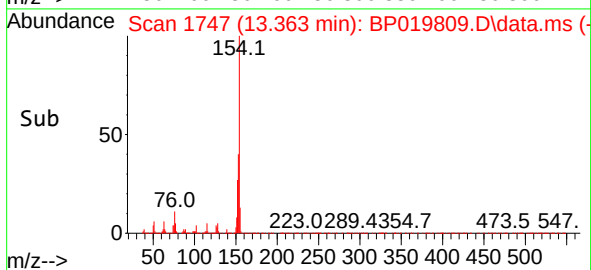
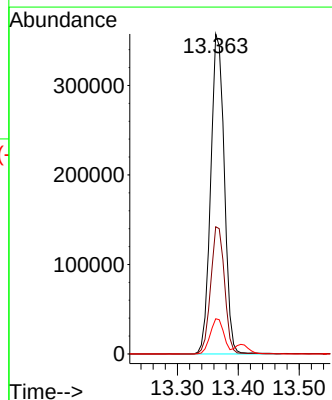
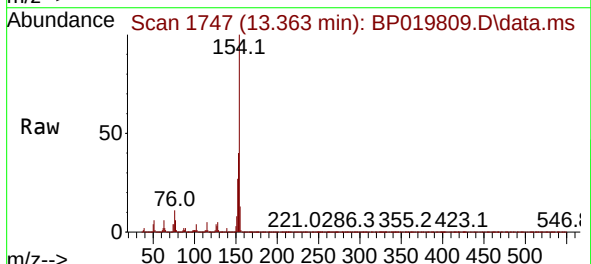
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

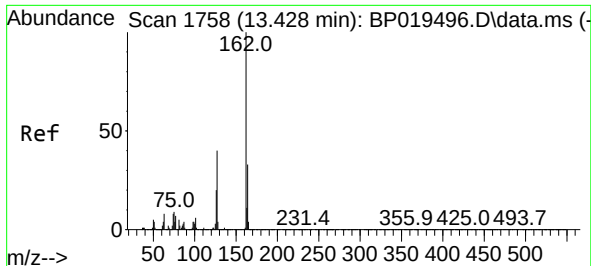
Tgt Ion:172 Resp: 749569
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.876 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:154 Resp: 554942
Ion Ratio Lower Upper
154 100
153 39.7 20.2 60.2
76 11.0 0.0 31.6

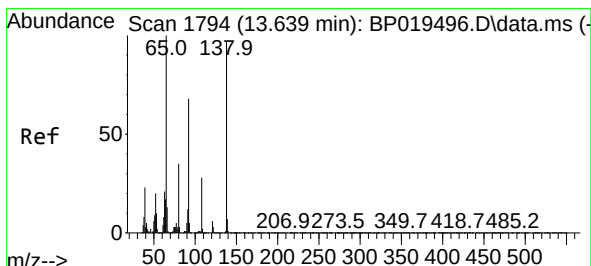
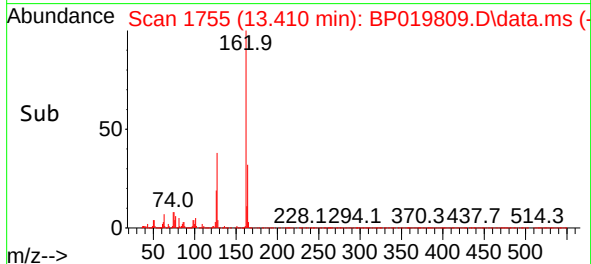
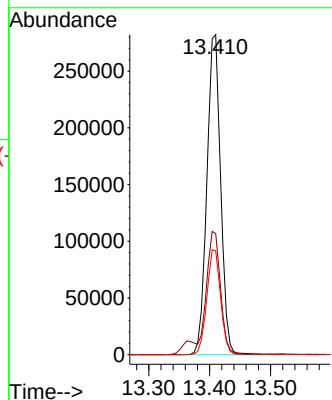
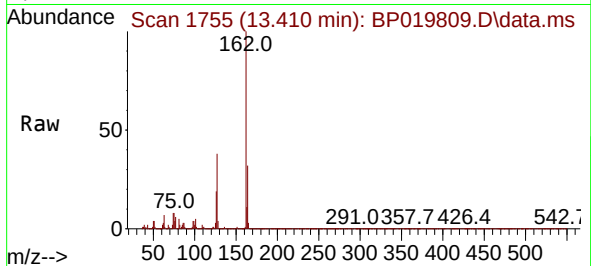




#47
2-Chloronaphthalene
Concen: 39.790 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

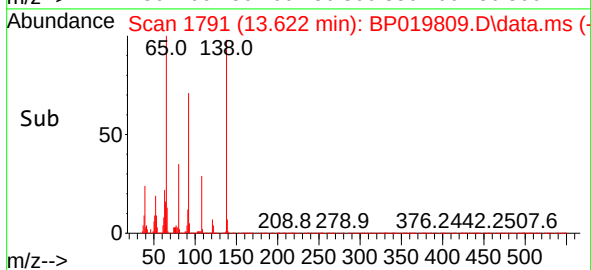
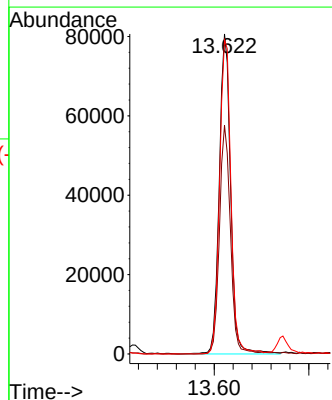
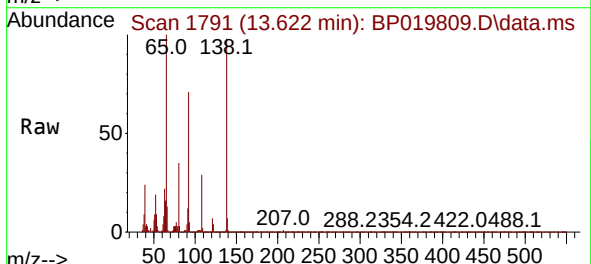
Instrument : BNA_P
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MS

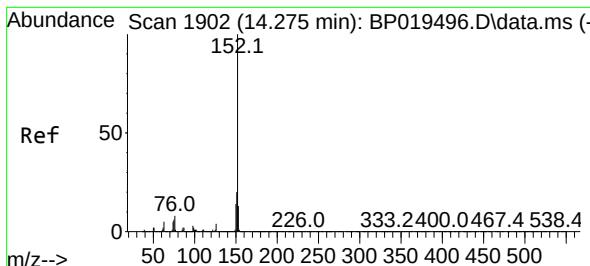
Tgt Ion:162 Resp: 443445
Ion Ratio Lower Upper
162 100
127 37.9 32.1 48.1
164 32.5 26.7 40.1



#48
2-Nitroaniline
Concen: 42.934 ng
RT: 13.622 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion: 65 Resp: 133792
Ion Ratio Lower Upper
65 100
92 71.4 54.7 82.1
138 98.2 77.8 116.6





#49

Acenaphthylene

Concen: 44.113 ng

RT: 14.251 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

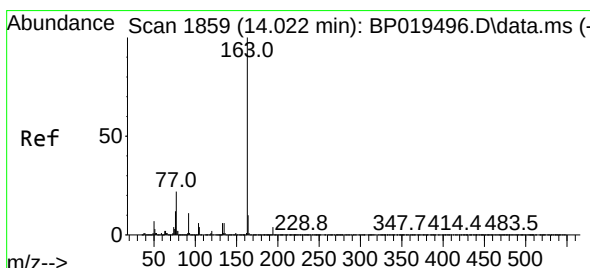
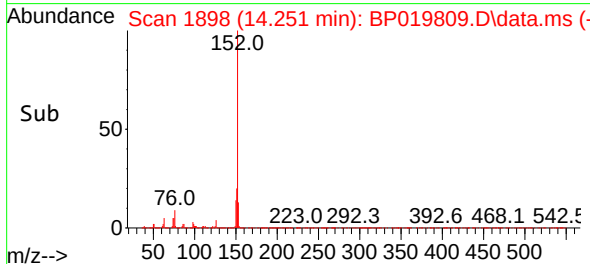
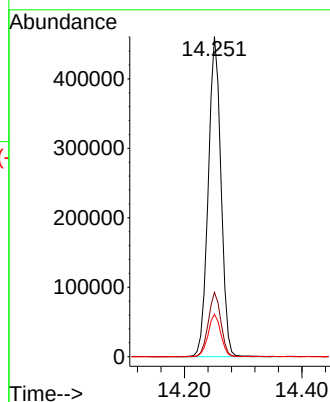
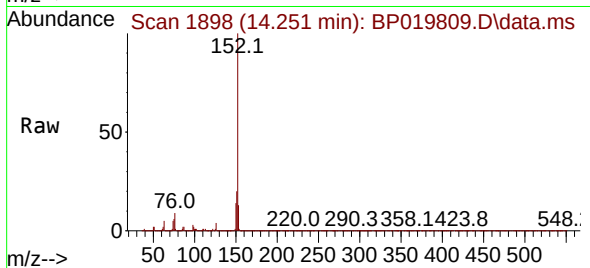
Tgt Ion:152 Resp: 689733

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 42.486 ng

RT: 13.998 min Scan# 1855

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

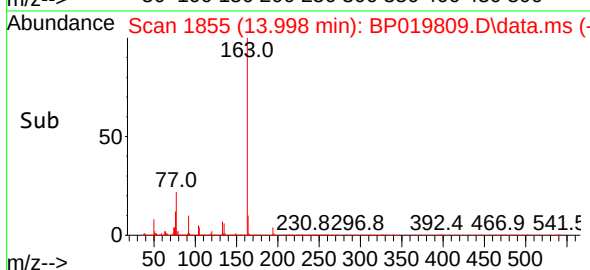
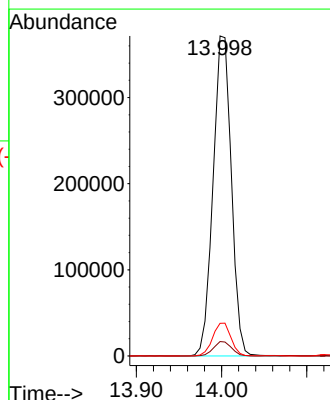
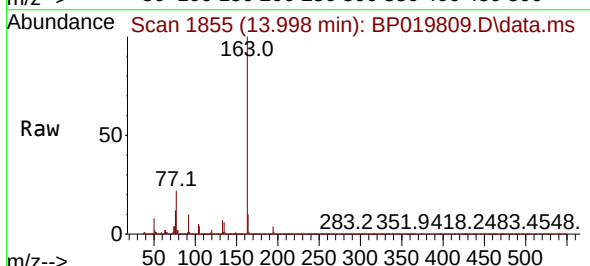
Tgt Ion:163 Resp: 553238

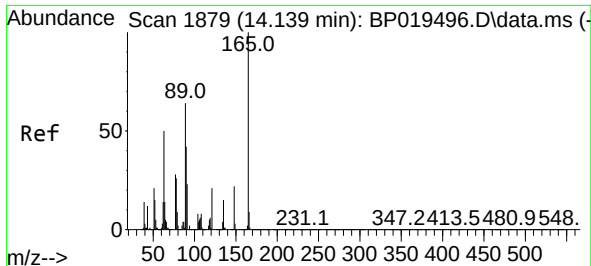
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 10.2 7.8 11.6

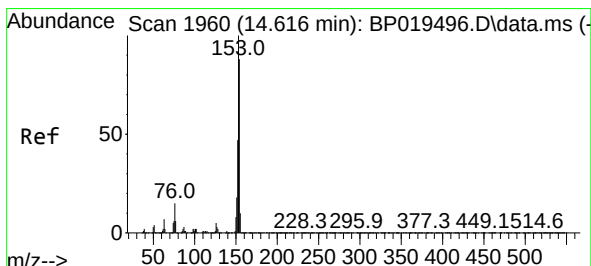
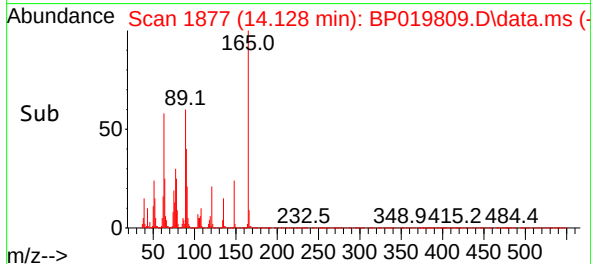
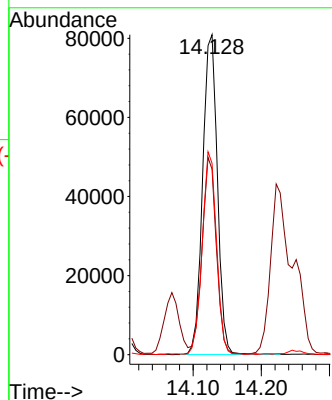
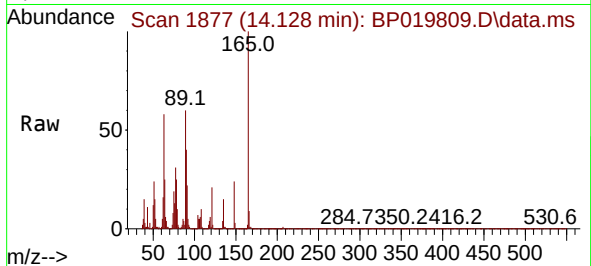




#51
2,6-Dinitrotoluene
Concen: 42.462 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

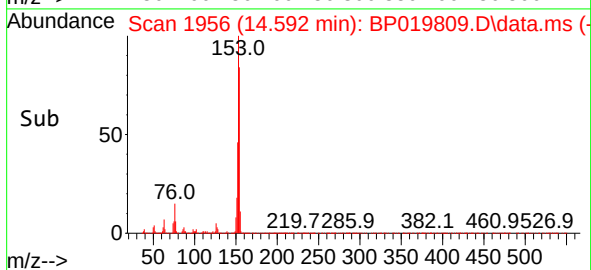
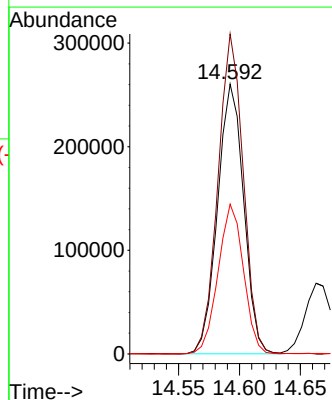
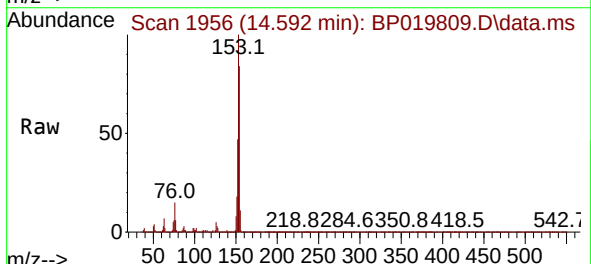
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

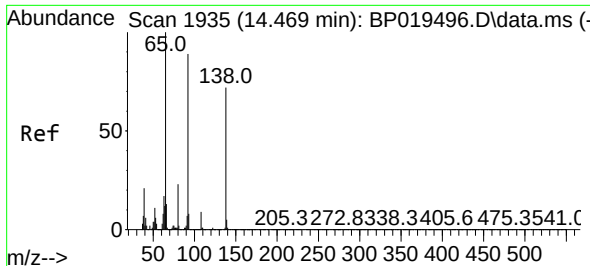
Tgt Ion:165 Resp: 121481
Ion Ratio Lower Upper
165 100
63 57.9 50.4 75.6
89 59.8 51.7 77.5



#52
Acenaphthene
Concen: 40.078 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:154 Resp: 388928
Ion Ratio Lower Upper
154 100
153 118.6 90.5 135.7
152 55.5 42.1 63.1

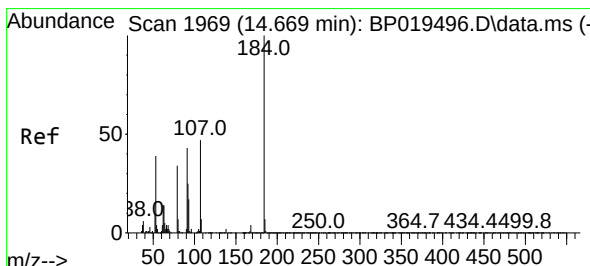
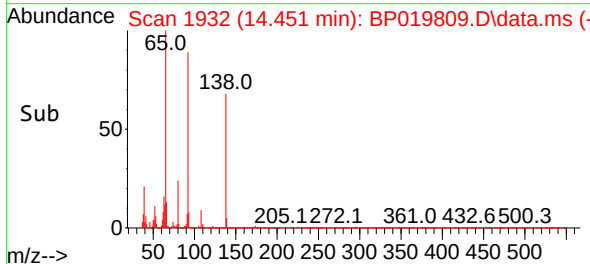
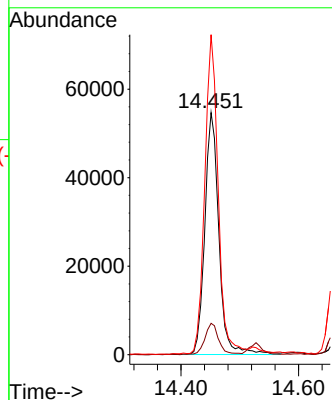
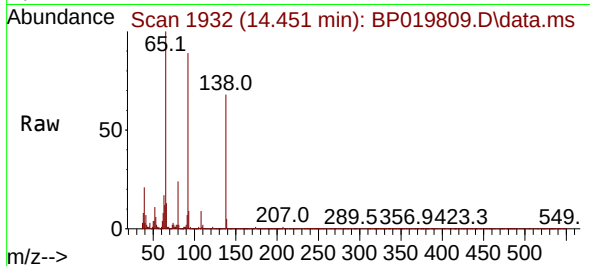




#53
3-Nitroaniline
Concen: 34.589 ng
RT: 14.451 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

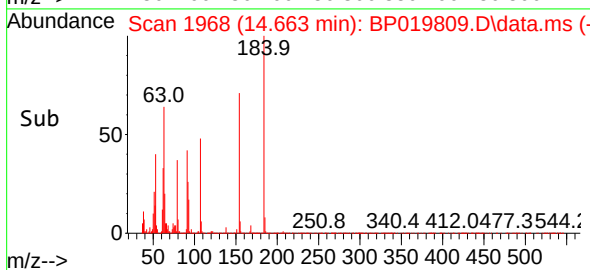
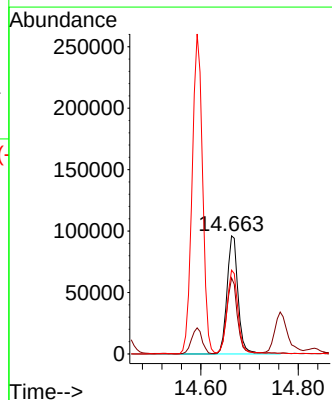
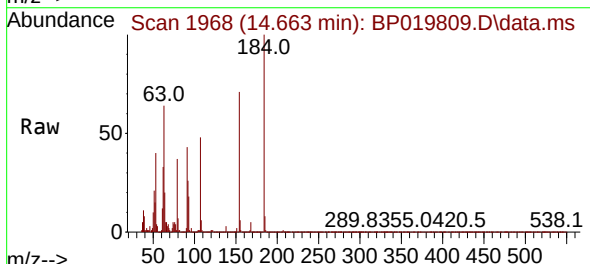
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

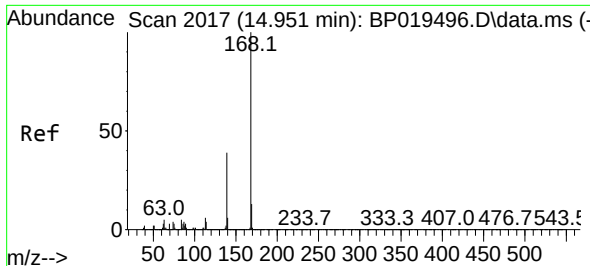
Tgt Ion:138 Resp: 90943
Ion Ratio Lower Upper
138 100
108 12.9 9.7 14.5
92 132.2 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 102.478 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:184 Resp: 152225
Ion Ratio Lower Upper
184 100
63 64.4 50.5 75.7
154 71.1 53.4 80.0

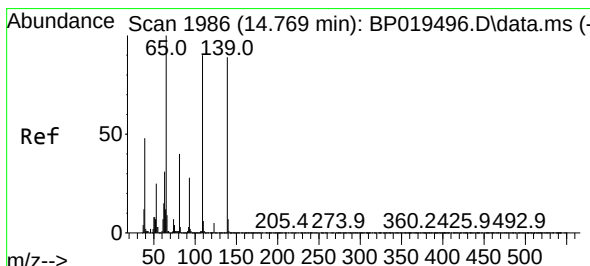
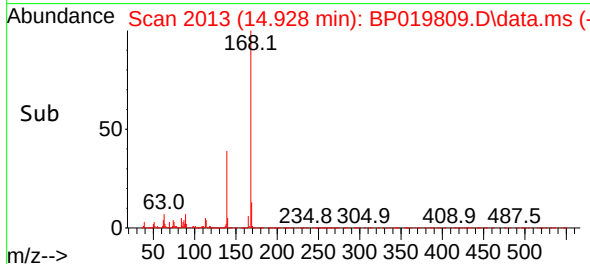
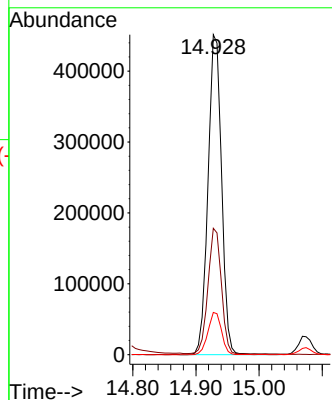
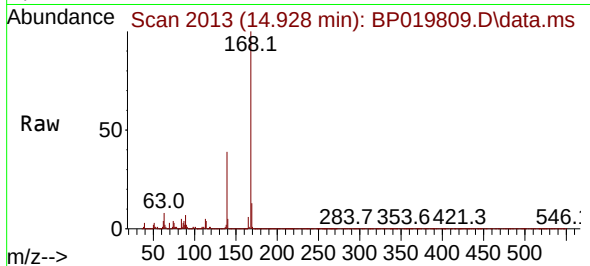




#55
Dibenzofuran
Concen: 42.412 ng
RT: 14.928 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

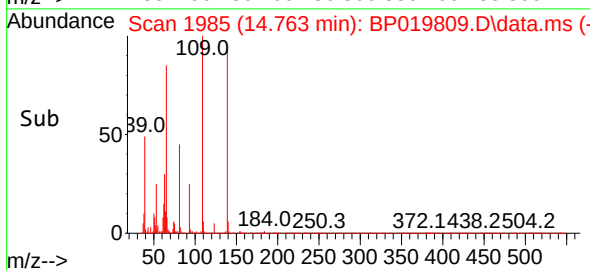
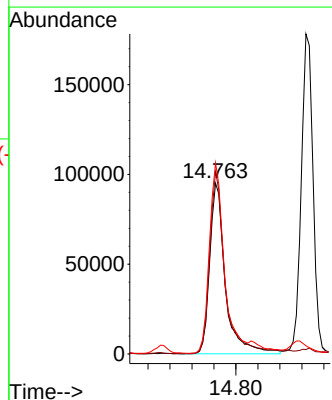
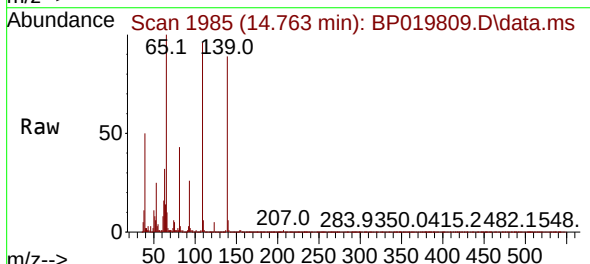
Instrument : BNA_P
ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MS

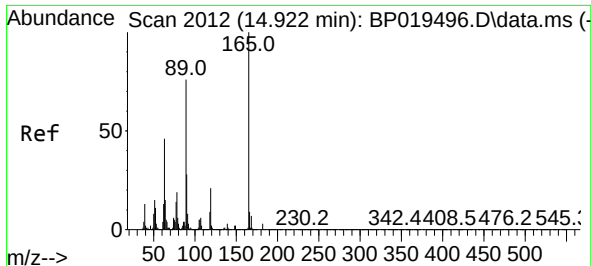
Tgt Ion:168 Resp: 670339
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 87.414 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:139 Resp: 188379
Ion Ratio Lower Upper
139 100
109 106.8 82.0 122.0
65 111.9 92.9 132.9

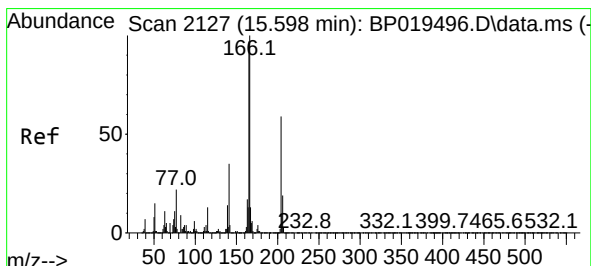
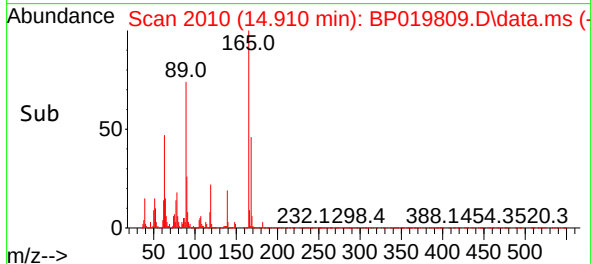
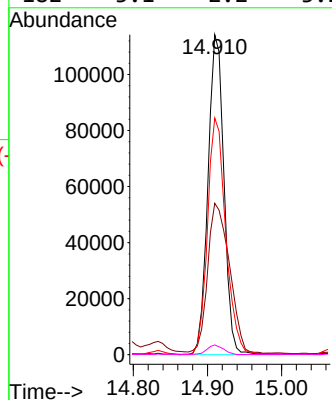
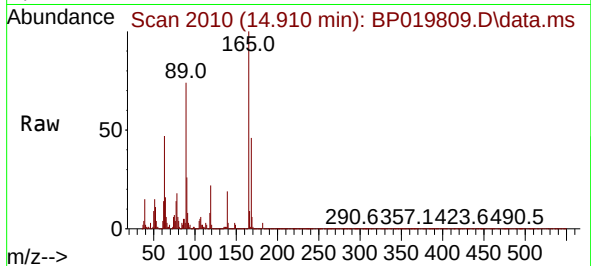




#57
2,4-Dinitrotoluene
Concen: 45.539 ng
RT: 14.910 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

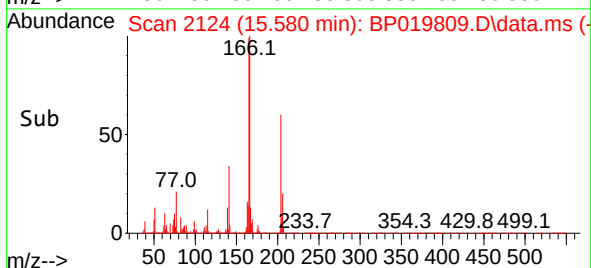
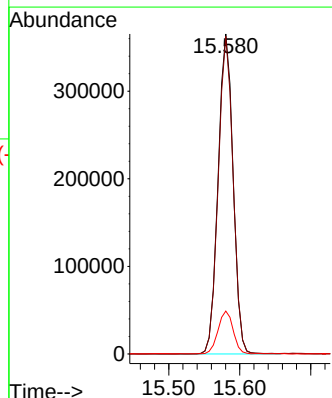
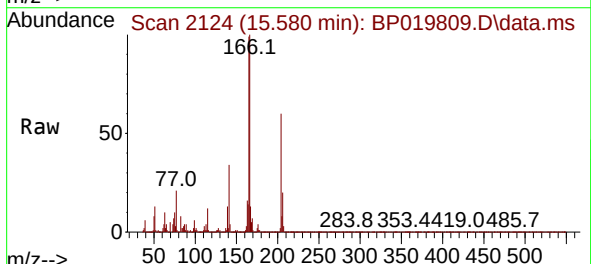
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

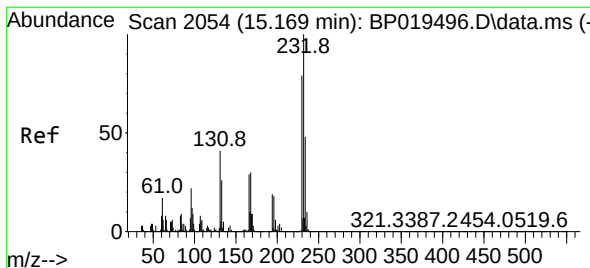
Tgt Ion:165 Resp: 170730
Ion Ratio Lower Upper
165 100
63 47.3 36.9 55.3
89 73.9 61.1 91.7
182 3.1 2.2 3.2



#58
Fluorene
Concen: 42.460 ng
RT: 15.580 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:166 Resp: 534507
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 13.4 10.7 16.1

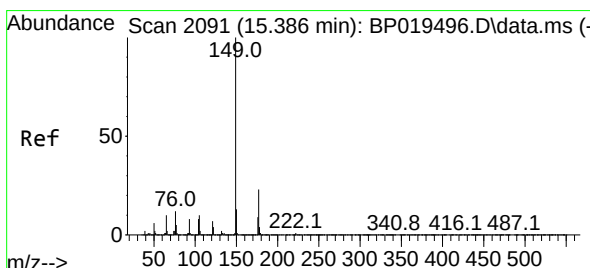
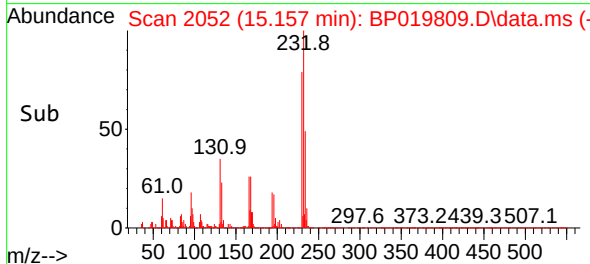
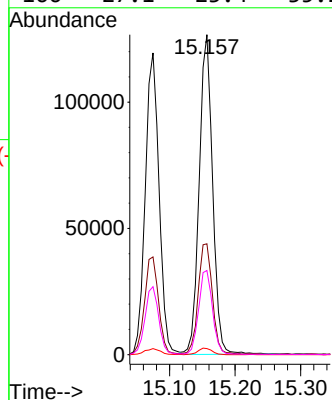
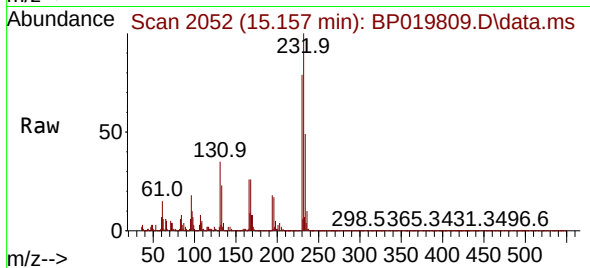




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.317 ng
RT: 15.157 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

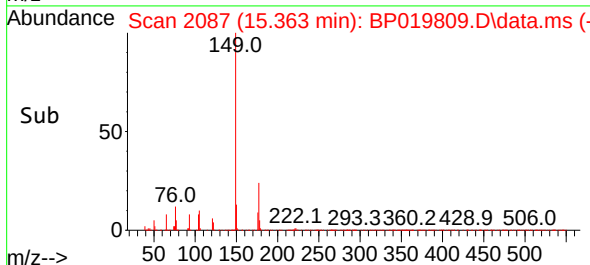
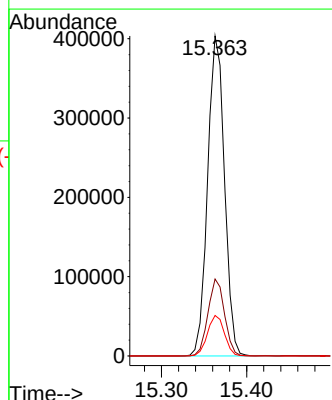
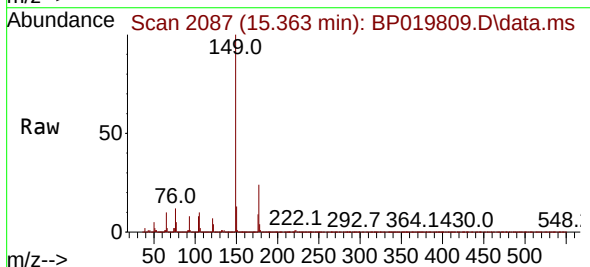
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

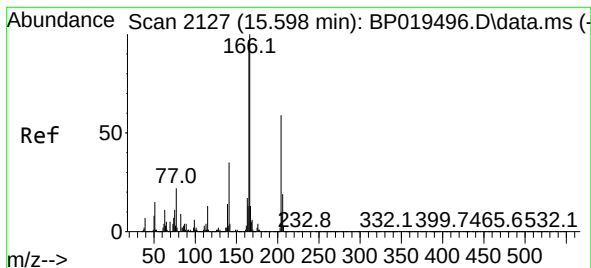
Tgt Ion:232 Resp: 180944
Ion Ratio Lower Upper
232 100
131 36.0 32.4 48.6
130 2.1 1.9 2.9
166 27.1 23.4 35.2



#60
Diethylphthalate
Concen: 42.822 ng
RT: 15.363 min Scan# 2087
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:149 Resp: 554633
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.2
150 12.6 10.2 15.4

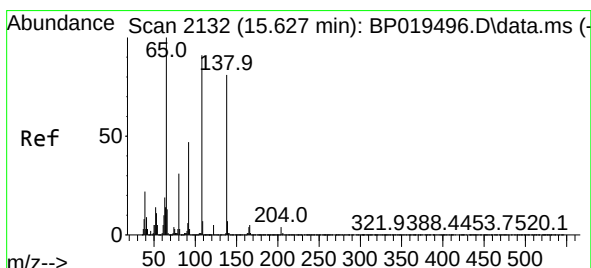
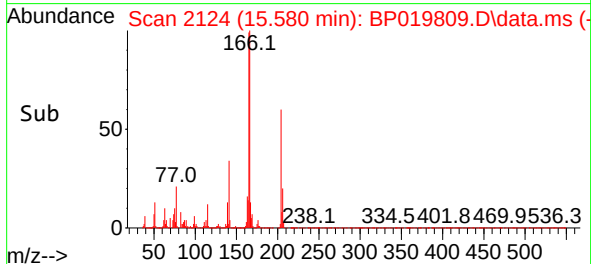
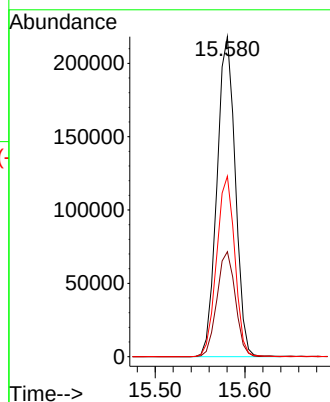
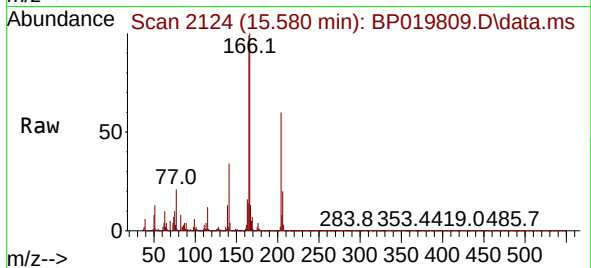




#61
4-Chlorophenyl-phenylether
Concen: 43.704 ng
RT: 15.580 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

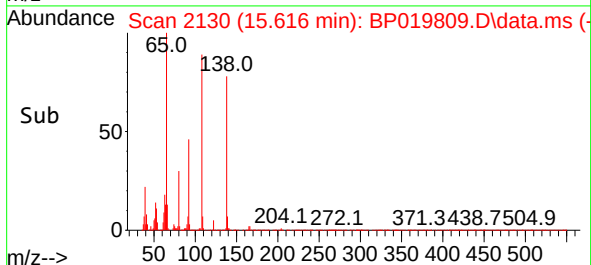
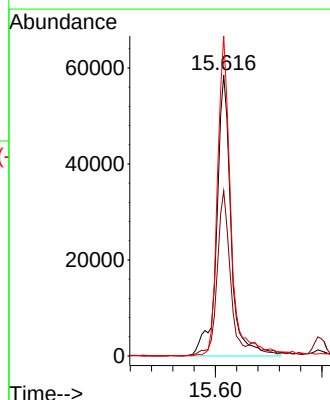
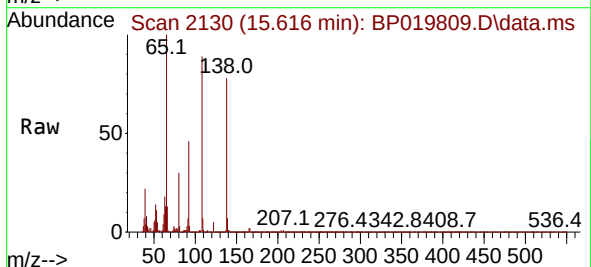
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

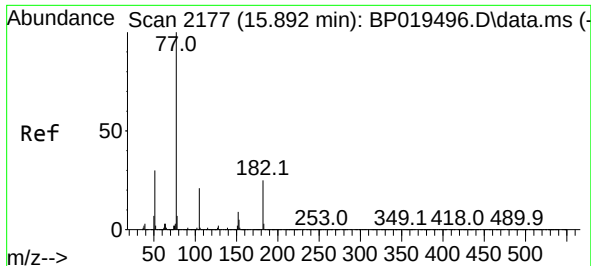
Tgt Ion:204 Resp: 309226
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 56.4 48.5 72.7



#62
4-Nitroaniline
Concen: 39.575 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:138 Resp: 109067
Ion Ratio Lower Upper
138 100
92 58.8 38.3 78.3
108 113.9 91.2 131.2

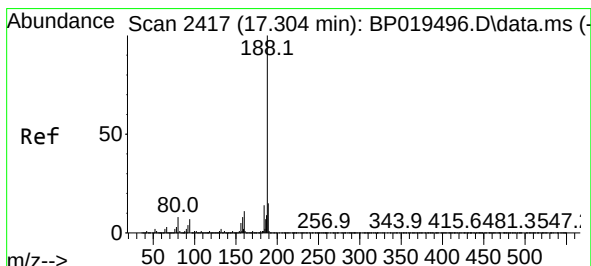
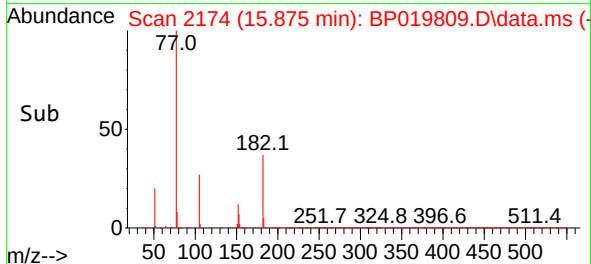
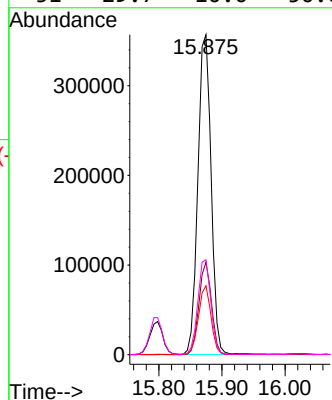
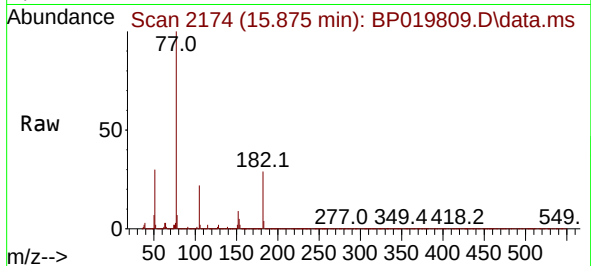




#63
Azobenzene
Concen: 41.365 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

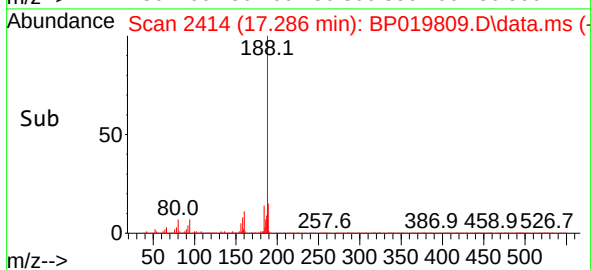
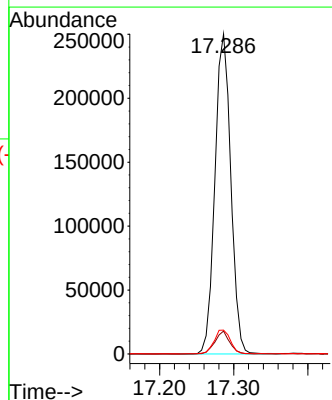
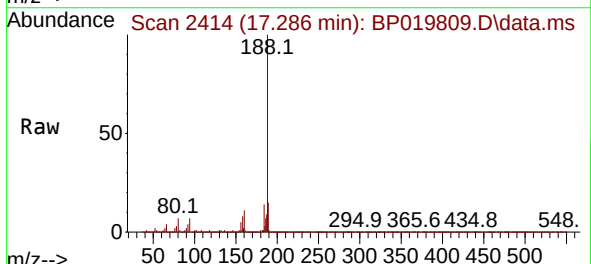
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

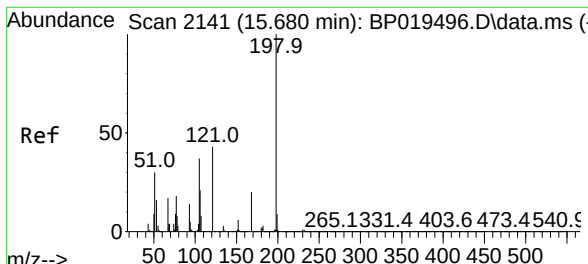
Tgt Ion:	77	Resp:	518086
Ion	Ratio	Lower	Upper
77	100		
182	28.9	5.1	45.1
105	21.6	0.8	40.8
51	29.7	10.0	50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:	188	Resp:	372111
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.2
80	7.5	6.3	9.5

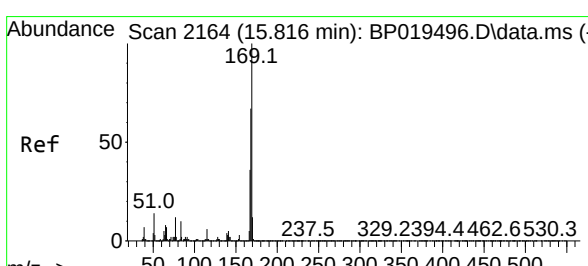
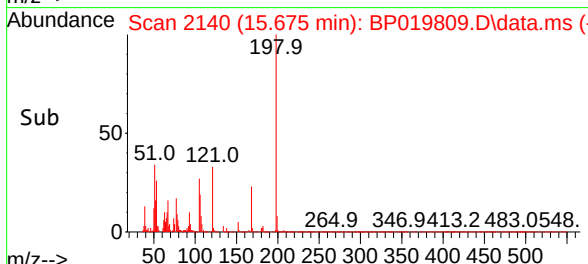
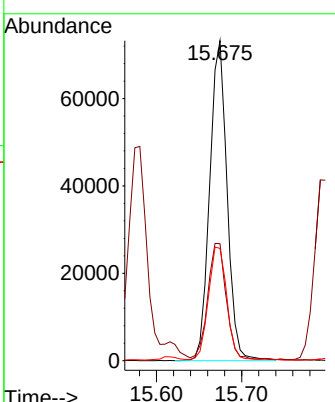
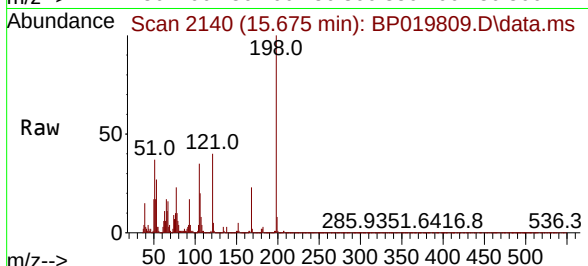




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.817 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019809.D
 Acq: 21 Feb 2024 15:47

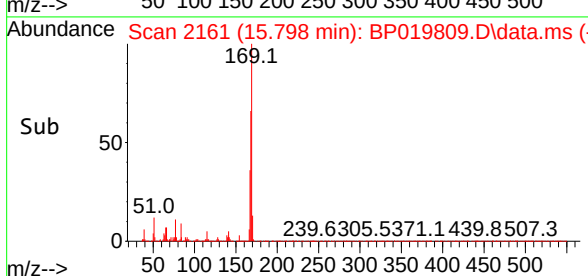
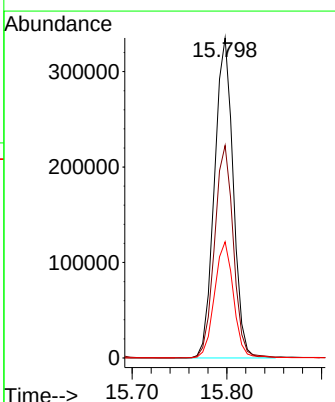
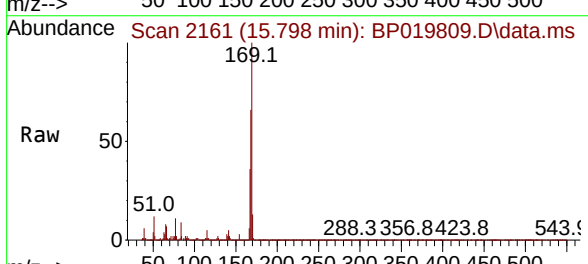
Instrument : BNA_P
 ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MS

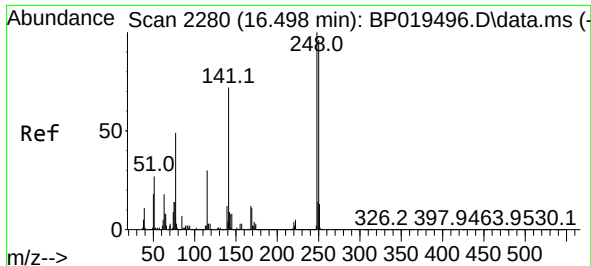
Tgt Ion:	198	Resp:	103581
Ion	Ratio	Lower	Upper
198	100		
51	36.6	21.2	61.2
105	35.1	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 41.330 ng
 RT: 15.798 min Scan# 2161
 Delta R.T. -0.006 min
 Lab File: BP019809.D
 Acq: 21 Feb 2024 15:47

Tgt Ion:	169	Resp:	460594
Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.2
167	36.3	28.9	43.3

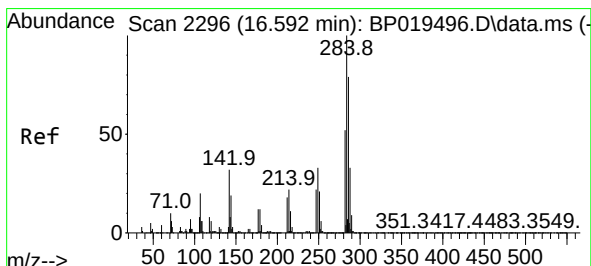
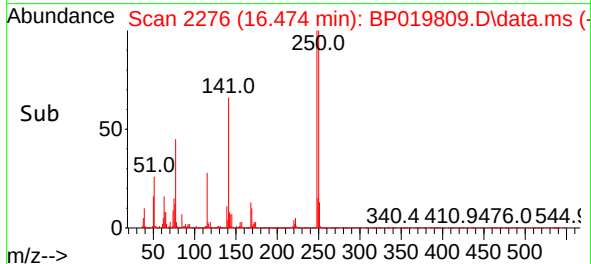
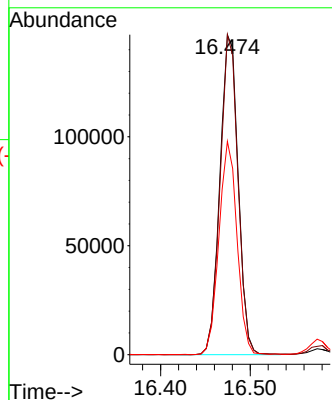
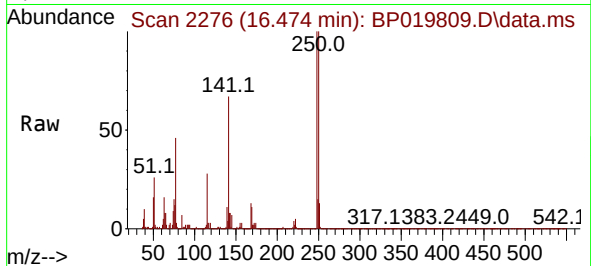




#67
4-Bromophenyl-phenylether
Concen: 44.646 ng
RT: 16.474 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

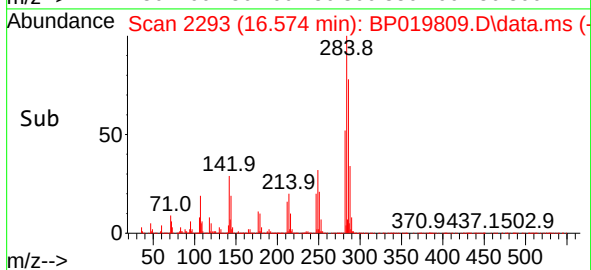
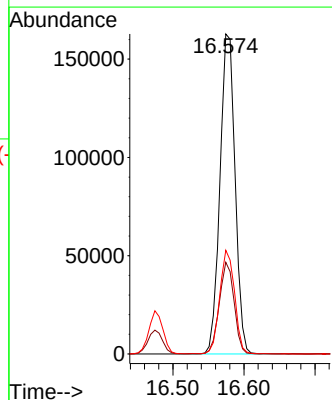
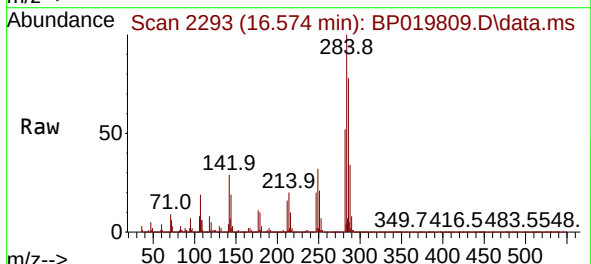
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

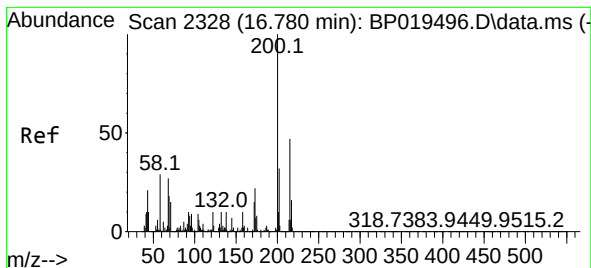
Tgt Ion:248 Resp: 207688
Ion Ratio Lower Upper
248 100
250 100.0 76.9 115.3
141 66.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 44.118 ng
RT: 16.574 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:284 Resp: 239660
Ion Ratio Lower Upper
284 100
142 28.7 25.4 38.2
249 32.4 26.5 39.7





#69

Atrazine

Concen: 51.949 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

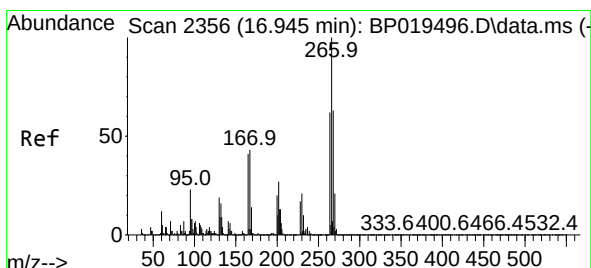
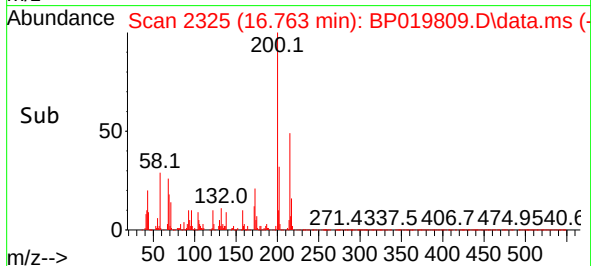
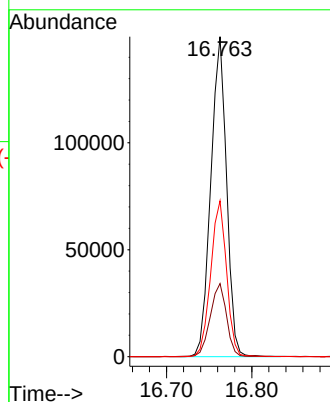
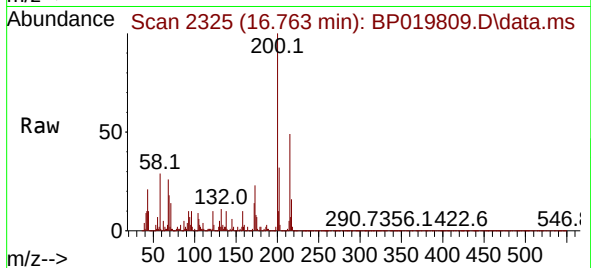
Tgt Ion:200 Resp: 192110

Ion Ratio Lower Upper

200 100

173 22.8 1.7 41.7

215 48.7 26.9 66.9



#70

Pentachlorophenol

Concen: 89.524 ng

RT: 16.927 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

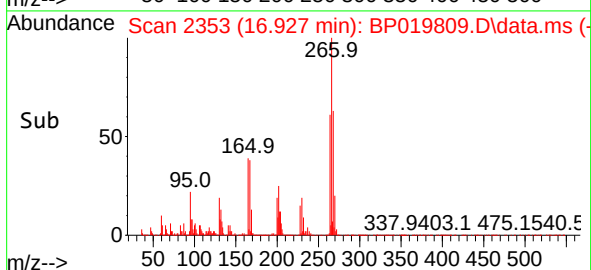
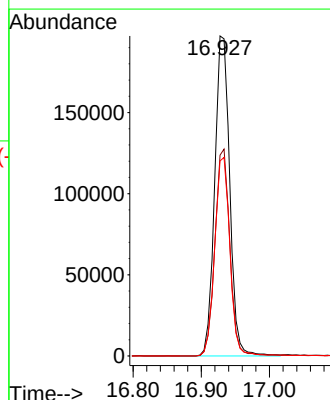
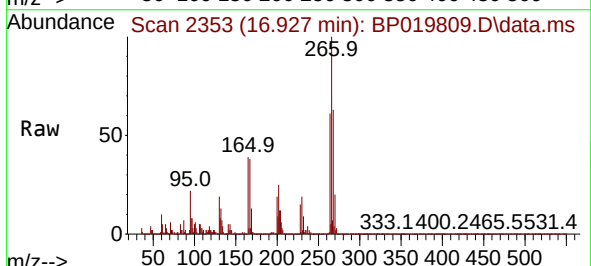
Tgt Ion:266 Resp: 302852

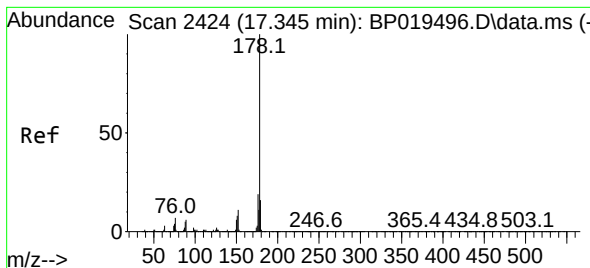
Ion Ratio Lower Upper

266 100

268 62.8 50.3 75.5

264 61.0 49.7 74.5





#71

Phenanthrene

Concen: 43.819 ng

RT: 17.327 min Scan# 2421

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

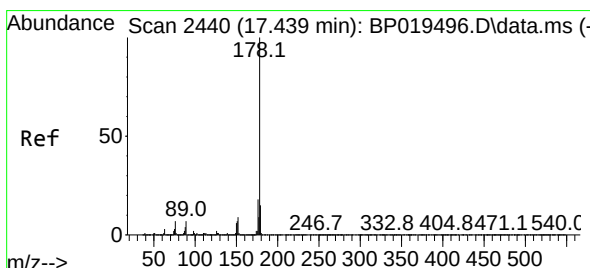
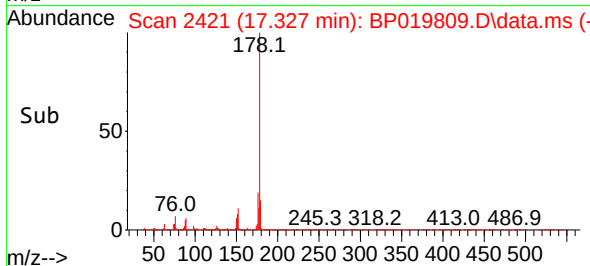
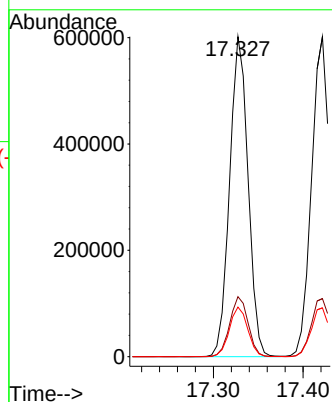
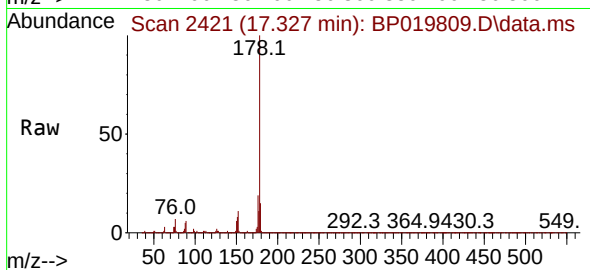
Tgt Ion:178 Resp: 858111

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 44.509 ng

RT: 17.421 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

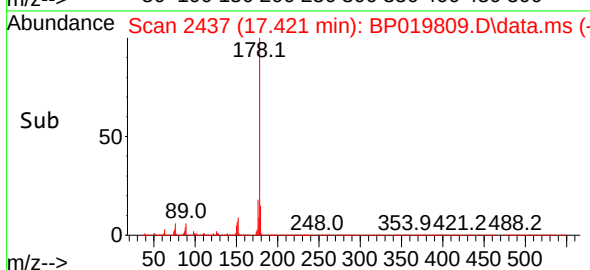
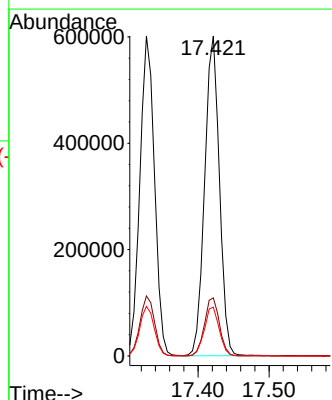
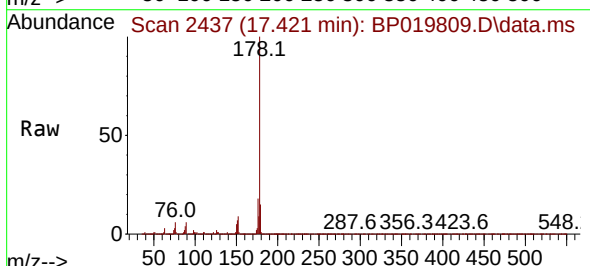
Tgt Ion:178 Resp: 869486

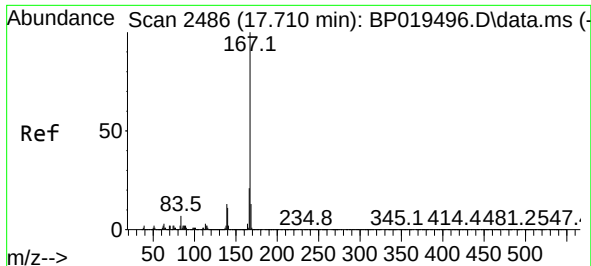
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.3 12.2 18.2

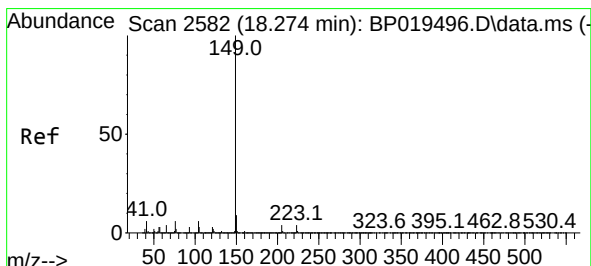
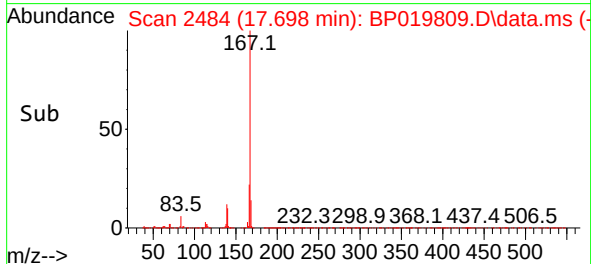
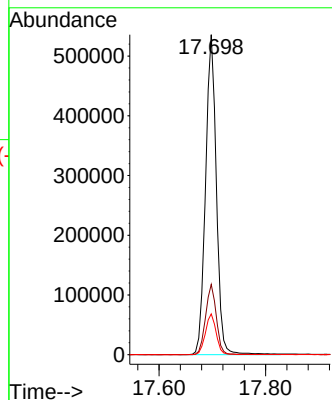
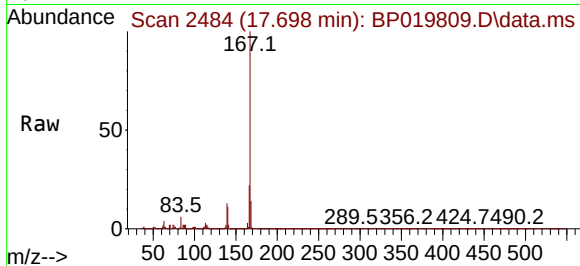




#73
 Carbazole
 Concen: 42.627 ng
 RT: 17.698 min Scan# 2486
 Delta R.T. -0.012 min
 Lab File: BP019809.D
 Acq: 21 Feb 2024 15:47

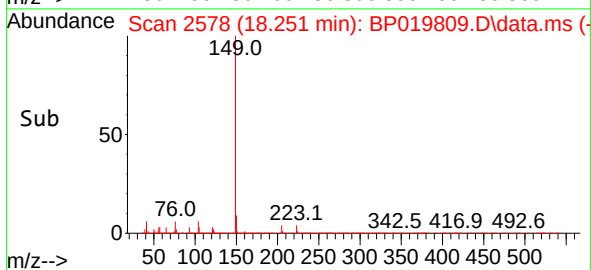
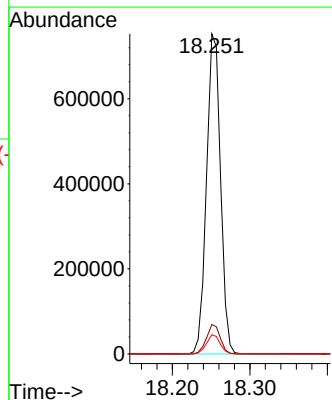
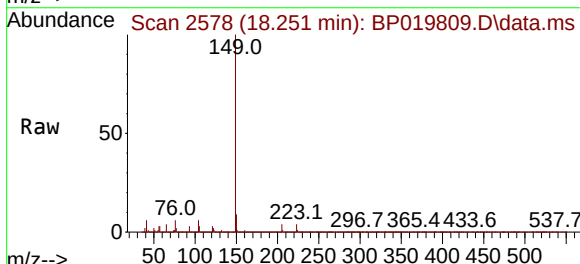
Instrument : BNA_P
 ClientSampleId : 20240765-COMPOSITE-39N-N-3-03MS

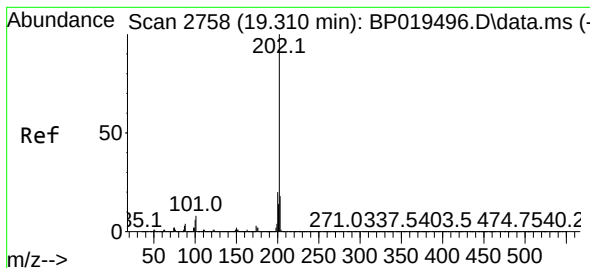
Tgt Ion:167 Resp: 756496
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 43.947 ng
 RT: 18.251 min Scan# 2578
 Delta R.T. -0.012 min
 Lab File: BP019809.D
 Acq: 21 Feb 2024 15:47

Tgt Ion:149 Resp: 943008
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.0 4.8 7.2





#75

Fluoranthene

Concen: 45.755 ng

RT: 19.298 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

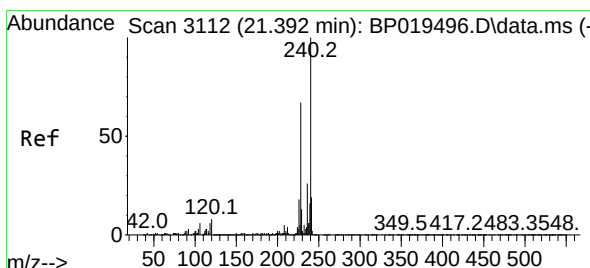
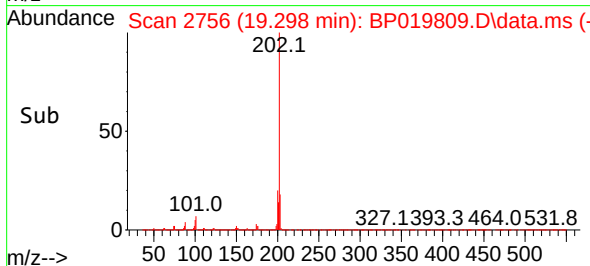
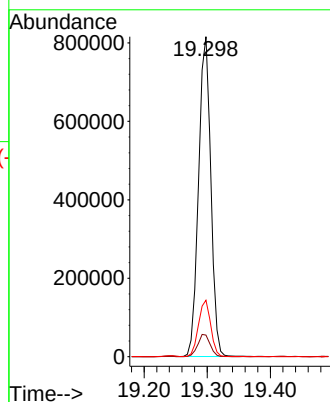
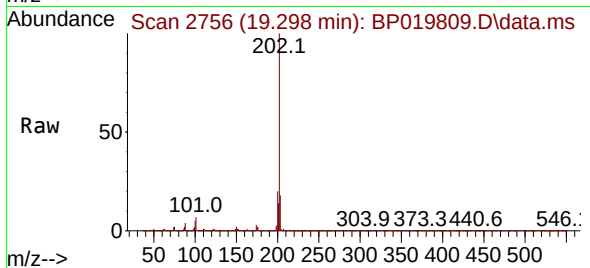
Tgt Ion:202 Resp: 1094572

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.7

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

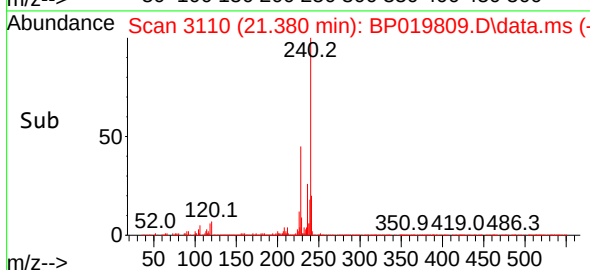
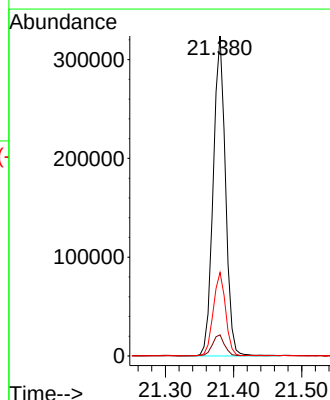
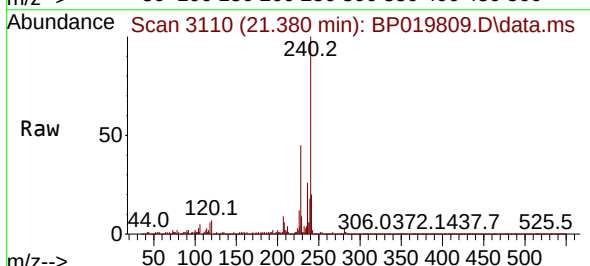
Tgt Ion:240 Resp: 405956

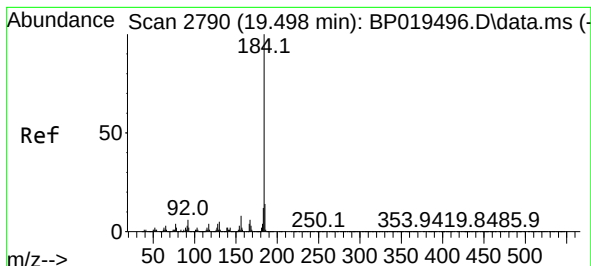
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 26.1 20.7 31.1





#77

Benzidine

Concen: 17.523 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

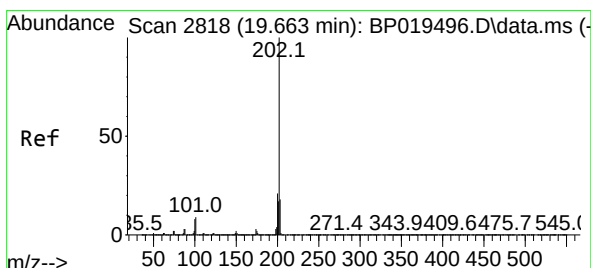
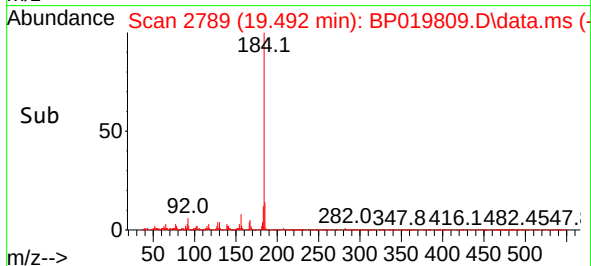
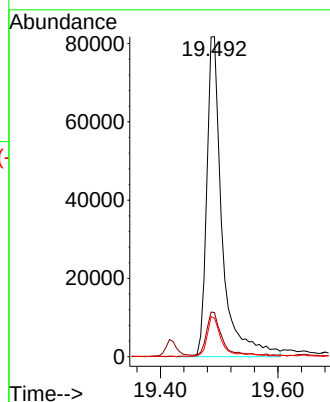
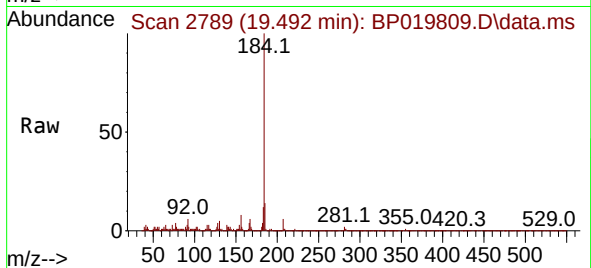
Tgt Ion:184 Resp: 148720

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 12.1 9.7 14.5



#78

Pyrene

Concen: 39.598 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

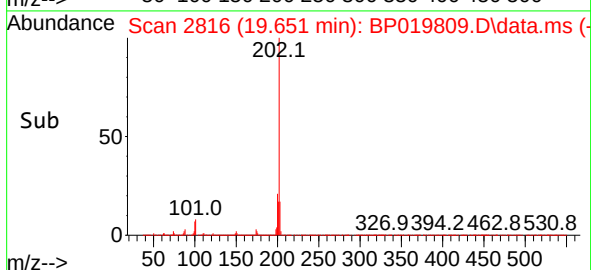
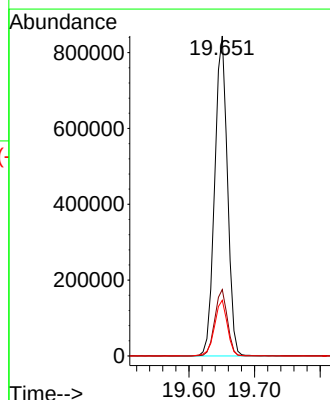
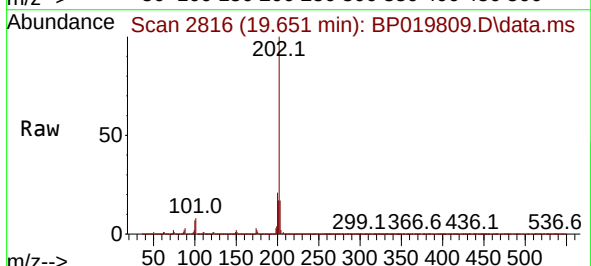
Tgt Ion:202 Resp: 1134517

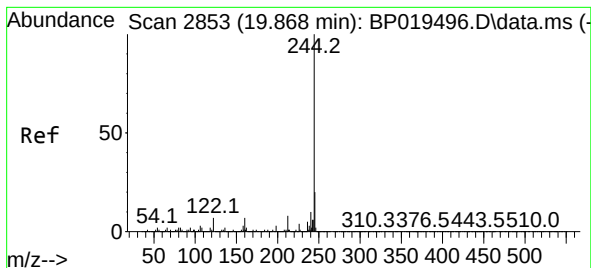
Ion Ratio Lower Upper

202 100

200 20.8 16.9 25.3

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 47.465 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

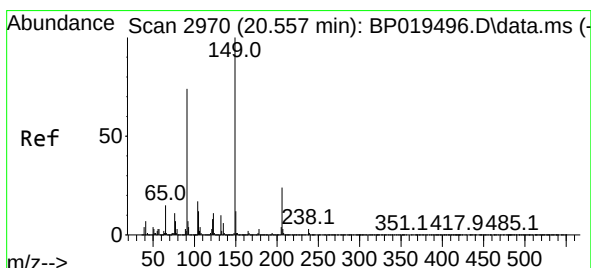
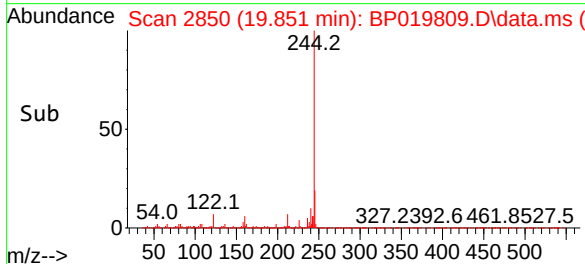
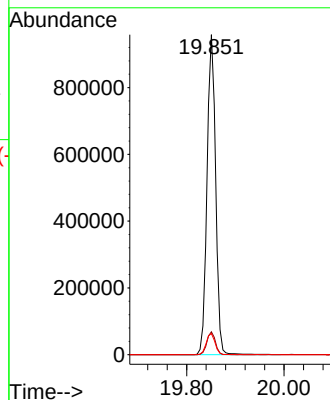
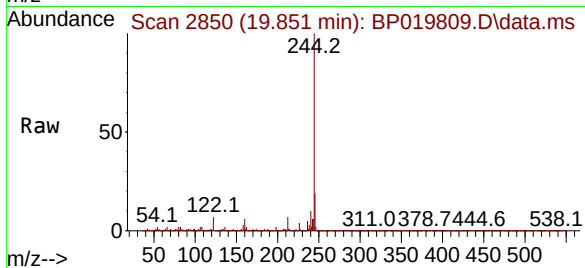
Tgt Ion:244 Resp: 1171670

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 41.714 ng

RT: 20.533 min Scan# 2966

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

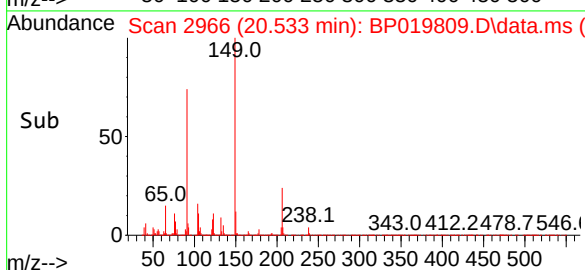
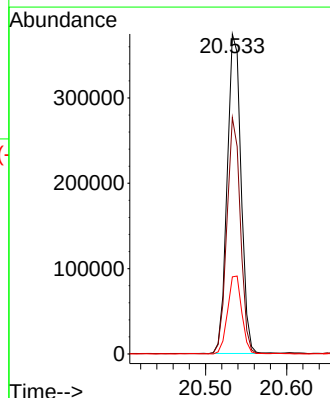
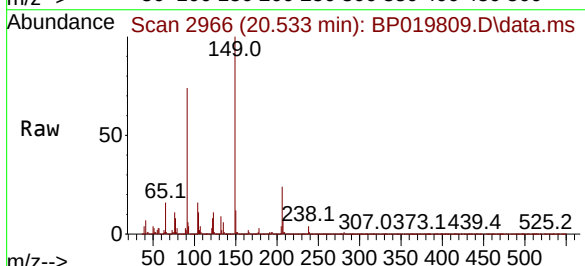
Tgt Ion:149 Resp: 446318

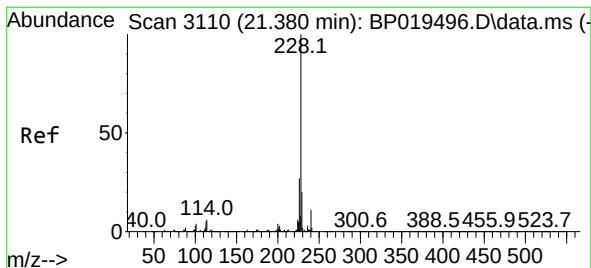
Ion Ratio Lower Upper

149 100

91 73.9 59.4 89.0

206 24.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 43.894 ng

RT: 21.362 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

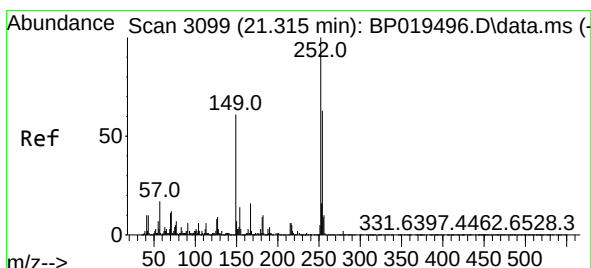
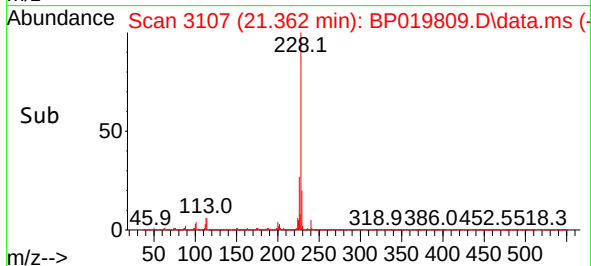
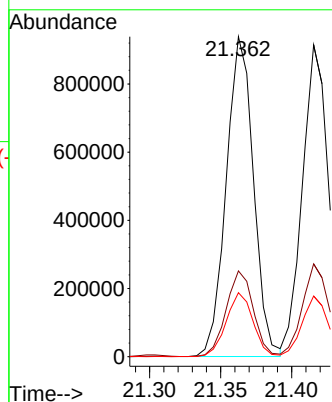
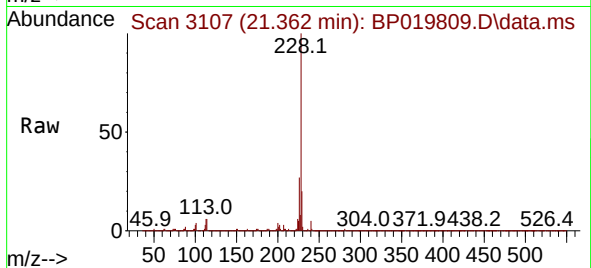
Tgt Ion:228 Resp: 1254321

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 20.0 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.288 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

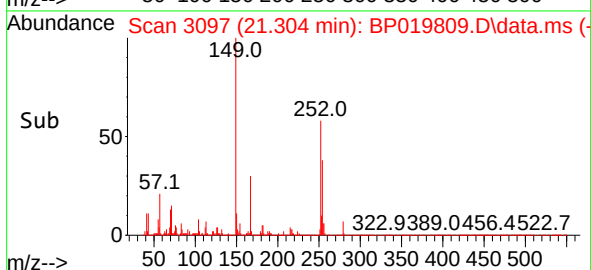
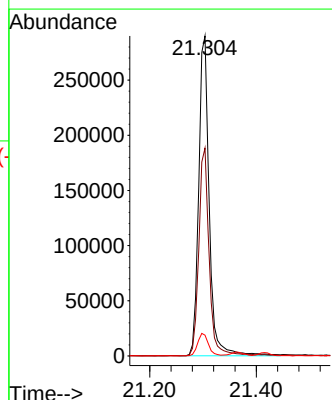
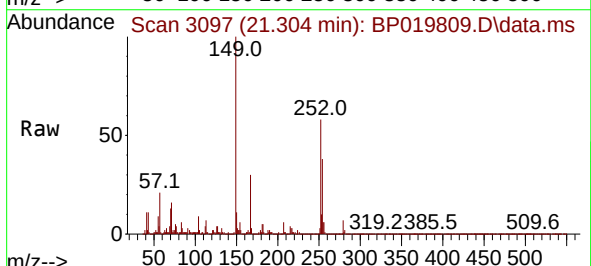
Tgt Ion:252 Resp: 398703

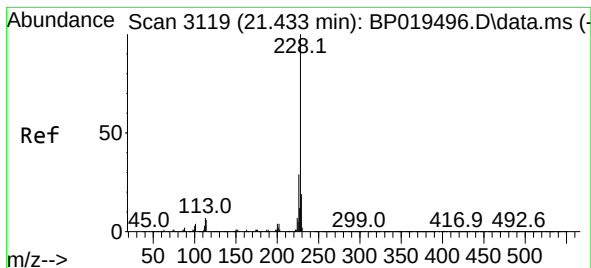
Ion Ratio Lower Upper

252 100

254 64.9 50.7 76.1

126 6.5 6.4 9.6





#83

Chrysene

Concen: 43.202 ng

RT: 21.415 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

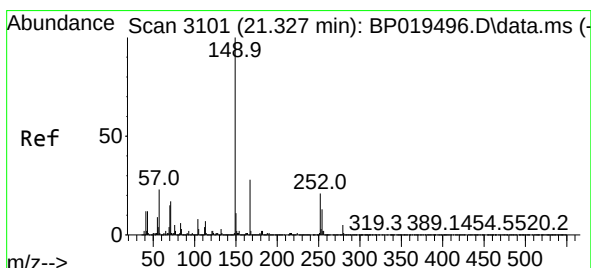
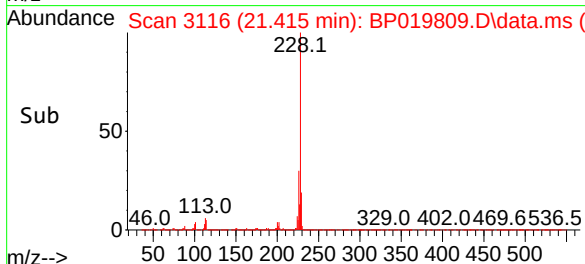
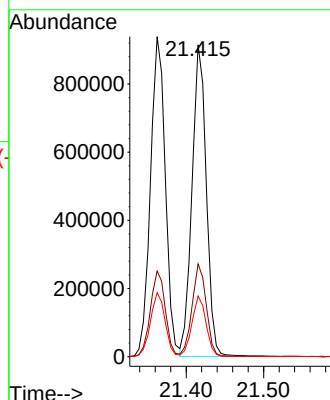
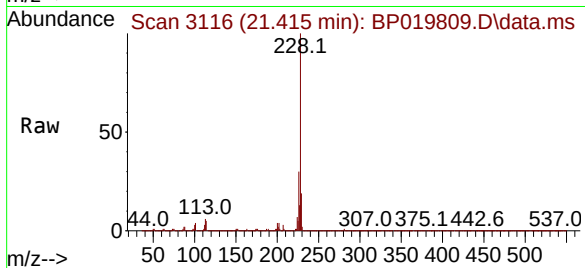
Tgt Ion:228 Resp: 1172086

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.168 ng

RT: 21.298 min Scan# 3096

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

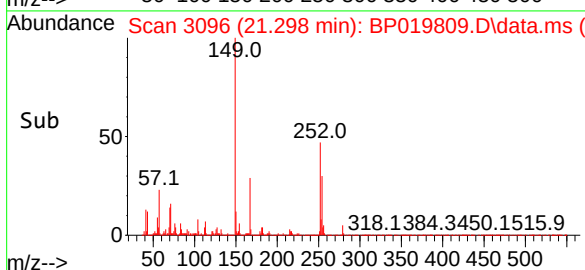
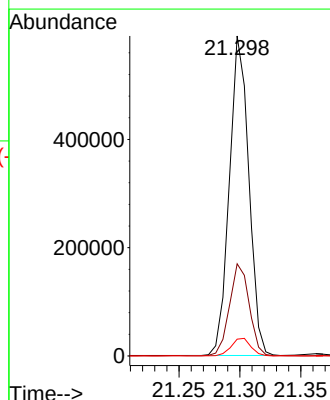
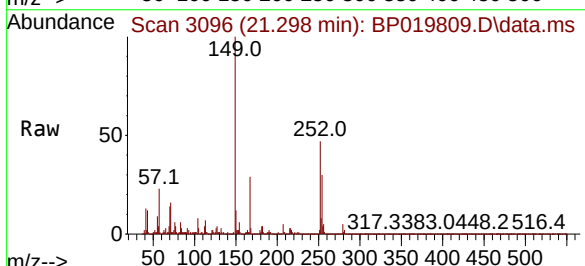
Tgt Ion:149 Resp: 654434

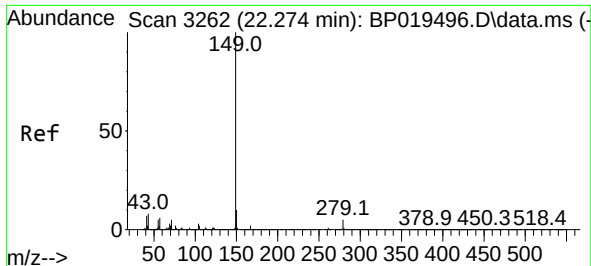
Ion Ratio Lower Upper

149 100

167 28.8 22.7 34.1

279 5.3 4.2 6.2

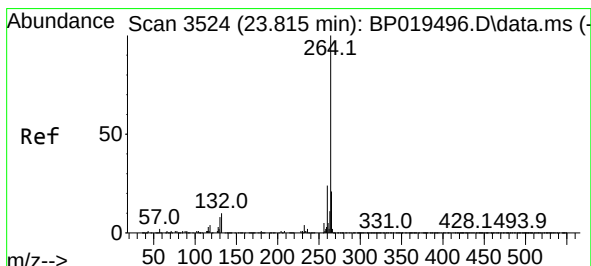
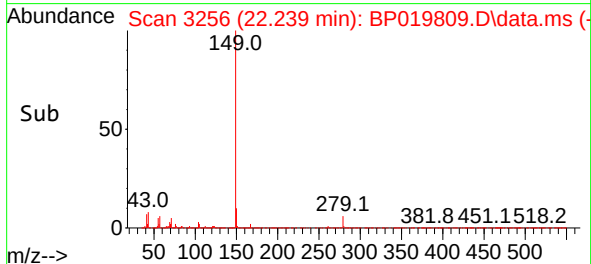
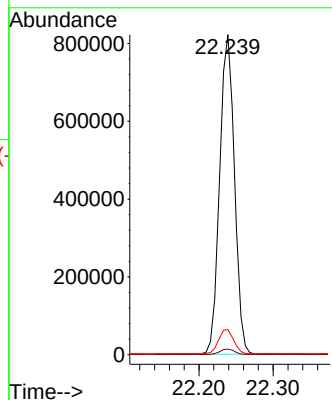
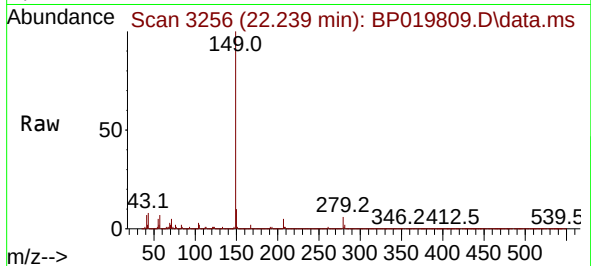




#85
Di-n-octyl phthalate
Concen: 39.788 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

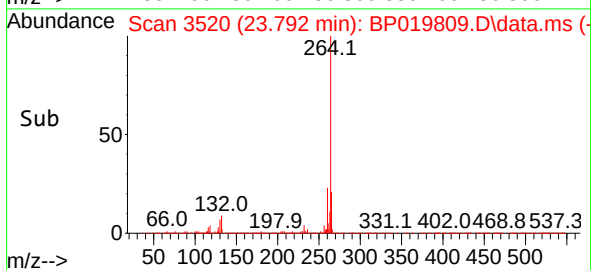
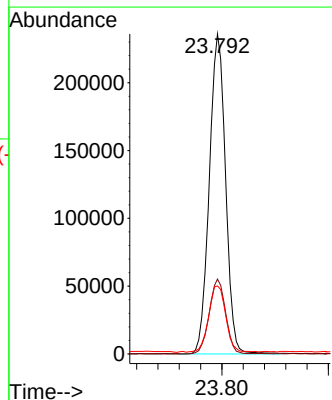
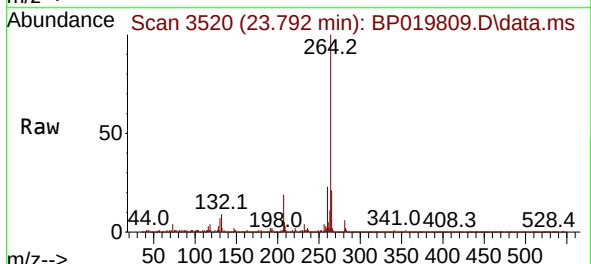
Instrument :
BNA_P
ClientSampleId :
20240765-COMPOSITE-39N-N-3-03MS

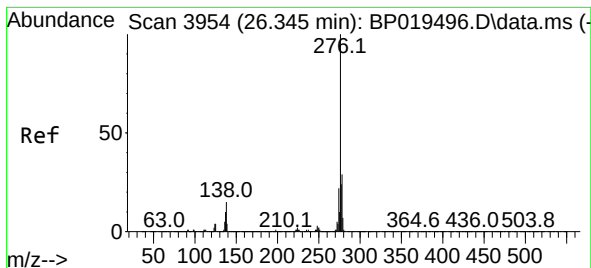
Tgt Ion:149 Resp: 1140537
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BP019809.D
Acq: 21 Feb 2024 15:47

Tgt Ion:264 Resp: 500514
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.100 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.024 min

Lab File: BP019809.D

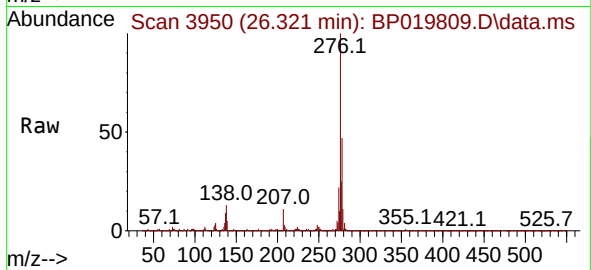
Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS



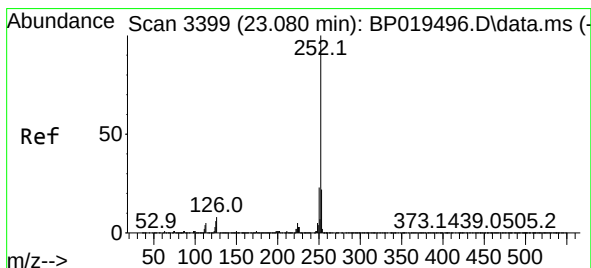
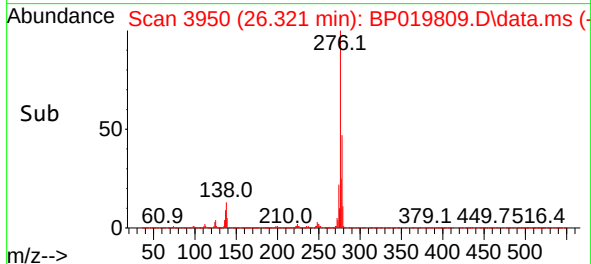
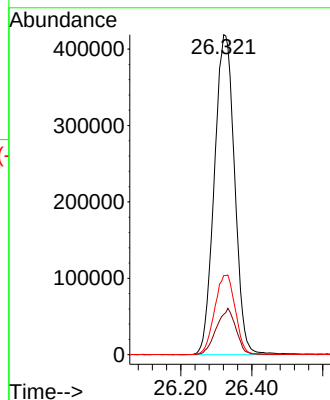
Tgt Ion:276 Resp: 1651286

Ion Ratio Lower Upper

276 100

138 14.0 13.1 19.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.476 ng

RT: 23.056 min Scan# 3395

Delta R.T. -0.018 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

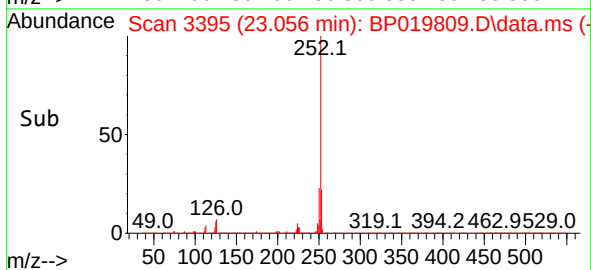
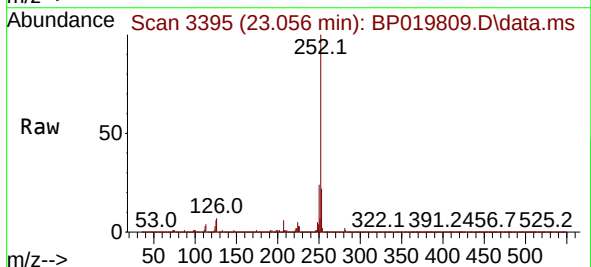
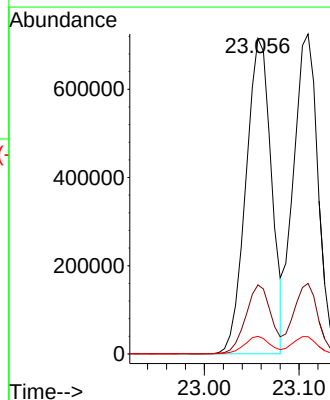
Tgt Ion:252 Resp: 1339916

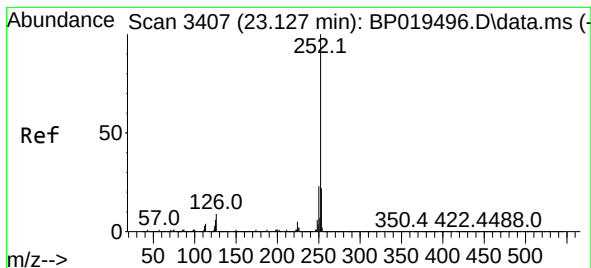
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 5.6 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 43.407 ng

RT: 23.109 min Scan# 3407

Delta R.T. -0.012 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

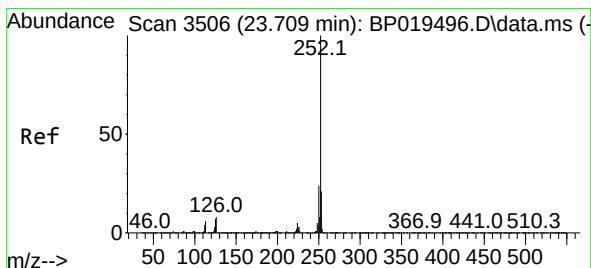
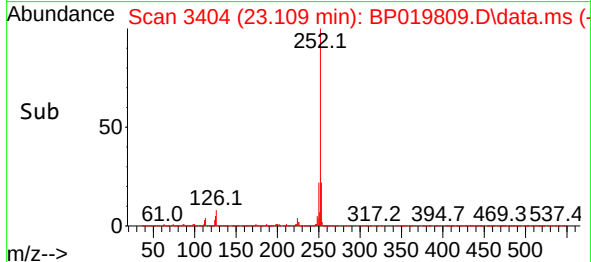
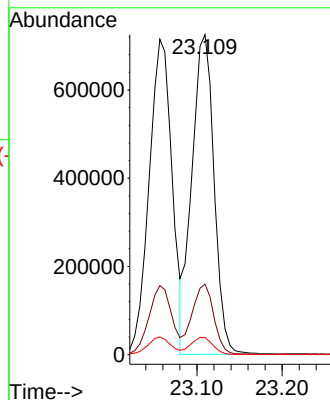
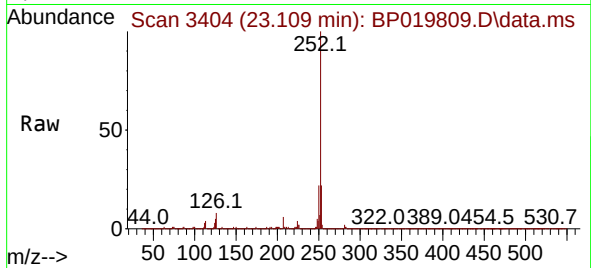
Tgt Ion:252 Resp: 1307983

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 5.4 5.0 7.6



#90

Benzo(a)pyrene

Concen: 43.589 ng

RT: 23.686 min Scan# 3502

Delta R.T. -0.018 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

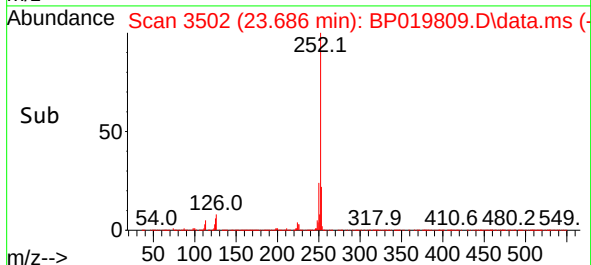
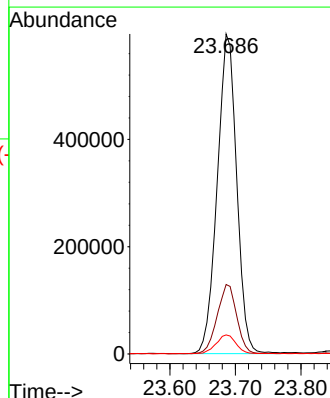
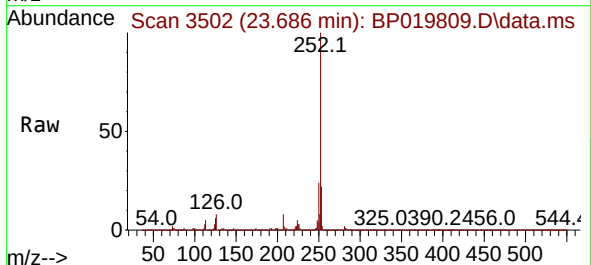
Tgt Ion:252 Resp: 1223460

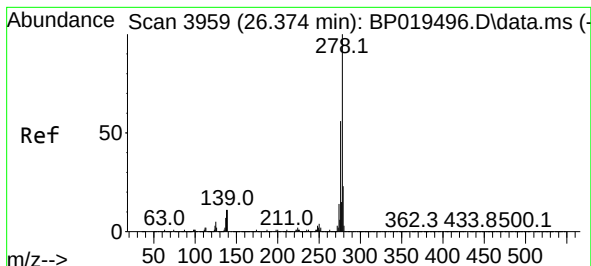
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 6.0 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 43.428 ng

RT: 26.345 min Scan# 3954

Delta R.T. -0.024 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Instrument :

BNA_P

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MS

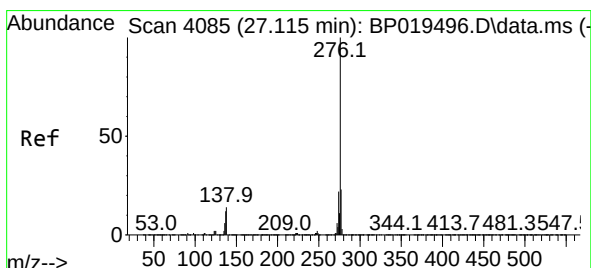
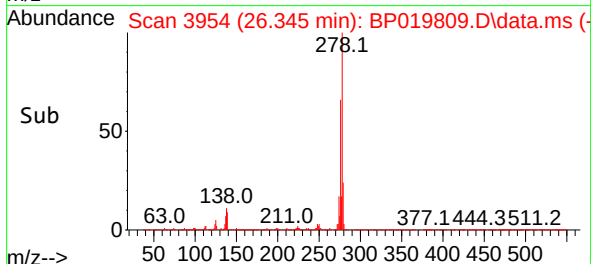
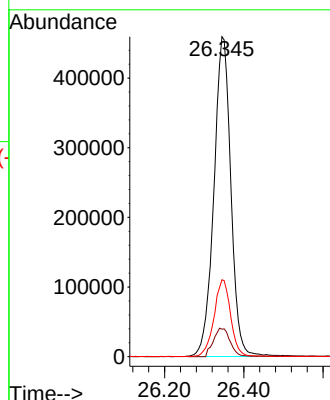
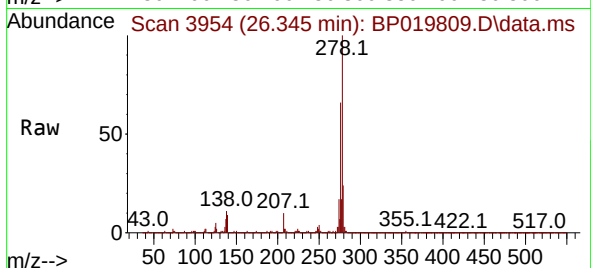
Tgt Ion:278 Resp: 1368416

Ion Ratio Lower Upper

278 100

139 8.6 8.6 12.8

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 40.835 ng

RT: 27.097 min Scan# 4082

Delta R.T. -0.024 min

Lab File: BP019809.D

Acq: 21 Feb 2024 15:47

Tgt Ion:276 Resp: 1305381

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 11.1 10.9 16.3

