

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022124\
 Data File : BP019803.D
 Acq On : 21 Feb 2024 12:17
 Operator : MA/JU
 Sample : PB159144BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159144BS

Quant Time: Feb 21 12:41:04 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	66859	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	249078	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	171562	20.000	ng	-0.01
64) Phenanthrene-d10	17.286	188	412244	20.000	ng	0.00
76) Chrysene-d12	21.380	240	426655	20.000	ng	-0.01
86) Perylene-d12	23.792	264	461962	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	524971	126.567	ng	0.00
7) Phenol-d6	7.069	99	676620	120.982	ng	0.00
23) Nitrobenzene-d5	9.069	82	457841	79.649	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	402196	160.562	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	1087390	78.354	ng	0.00
79) Terphenyl-d14	19.857	244	2224133	85.729	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	51947	32.506	ng	99
3) Pyridine	3.775	79	139831	32.275	ng	96
4) n-Nitrosodimethylamine	3.699	42	77057	40.851	ng	96
6) Aniline	7.228	93	133093	24.491	ng	99
8) 2-Chlorophenol	7.457	128	188645	44.299	ng	98
9) Benzaldehyde	7.046	77	94993	24.226	ng	99
10) Phenol	7.099	94	241208	43.273	ng	99
11) bis(2-Chloroethyl)ether	7.334	93	177806	41.001	ng	99
12) 1,3-Dichlorobenzene	7.781	146	213213	40.918	ng	97
13) 1,4-Dichlorobenzene	7.928	146	218825	41.451	ng	99
14) 1,2-Dichlorobenzene	8.240	146	208707	40.860	ng	100
15) Benzyl Alcohol	8.146	79	195509	43.751	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.422	45	176191	40.629	ng	100
17) 2-Methylphenol	8.346	107	162150	43.208	ng	99
18) Hexachloroethane	8.963	117	81985	40.066	ng	95
19) n-Nitroso-di-n-propyla...	8.710	70	152339	39.878	ng	97
20) 3+4-Methylphenols	8.675	107	217486	42.465	ng	97
22) Acetophenone	8.728	105	289942	40.861	ng	# 98
24) Nitrobenzene	9.110	77	230906	39.897	ng	99
25) Isophorone	9.634	82	412561	41.211	ng	99
26) 2-Nitrophenol	9.816	139	102408	46.407	ng	97
27) 2,4-Dimethylphenol	9.875	122	143428	50.829	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	235235	41.531	ng	99
29) 2,4-Dichlorophenol	10.346	162	195819	45.907	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	221481	42.347	ng	98
31) Naphthalene	10.746	128	562285	41.160	ng	99
32) Benzoic acid	10.028	122	136759	49.744	ng	97
33) 4-Chloroaniline	10.869	127	70893	14.033	ng	97
34) Hexachlorobutadiene	11.010	225	162212	41.854	ng	99
35) Caprolactam	11.675	113	60773	50.328	ng	96
36) 4-Chloro-3-methylphenol	11.993	107	216503	46.549	ng	99
37) 2-Methylnaphthalene	12.357	142	400775	42.392	ng	100
38) 1-Methylnaphthalene	12.575	142	383561	41.285	ng	99
40) 1,2,4,5-Tetrachloroben...	12.716	216	283308	42.818	ng	99
41) Hexachlorocyclopentadiene	12.687	237	330646	110.621	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	180604	45.078	ng	98

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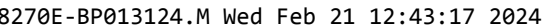
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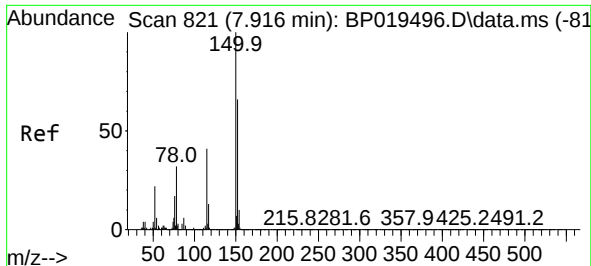
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	201214	45.737	ng	97
46) 1,1'-Biphenyl	13.369	154	552544	40.353	ng	99
47) 2-Chloronaphthalene	13.410	162	444430	39.539	ng	99
48) 2-Nitroaniline	13.628	65	141207	44.927	ng	97
49) Acenaphthylene	14.251	152	721180	45.732	ng	100
50) Dimethylphthalate	14.004	163	587855	44.760	ng	99
51) 2,6-Dinitrotoluene	14.128	165	129995	45.051	ng	94
52) Acenaphthene	14.598	154	403105	41.186	ng	100
53) 3-Nitroaniline	14.451	138	83236	31.388	ng	97
54) 2,4-Dinitrophenol	14.669	184	174542	116.501	ng	99
55) Dibenzofuran	14.934	168	694796	43.586	ng	99
56) 4-Nitrophenol	14.769	139	215912	99.337	ng	98
57) 2,4-Dinitrotoluene	14.916	165	189327	50.069	ng	98
58) Fluorene	15.586	166	570320	44.919	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	193443	52.275	ng	96
60) Diethylphthalate	15.369	149	591833	45.305	ng	98
61) 4-Chlorophenyl-phenyle...	15.581	204	323305	45.305	ng	94
62) 4-Nitroaniline	15.622	138	129556	46.610	ng	99
63) Azobenzene	15.875	77	545012	43.144	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	121092	51.514	ng	95
66) n-Nitrosodiphenylamine	15.798	169	504640	40.874	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	220822	42.848	ng	94
68) Hexachlorobenzene	16.581	284	255564	42.465	ng	96
69) Atrazine	16.763	200	197915	48.308	ng	97
70) Pentachlorophenol	16.933	266	362669	96.769	ng	98
71) Phenanthrene	17.333	178	938926	43.278	ng	99
72) Anthracene	17.422	178	950563	43.922	ng	99
73) Carbazole	17.698	167	872822	44.394	ng	99
74) Di-n-butylphthalate	18.257	149	1040390	43.765	ng	99
75) Fluoranthene	19.298	202	1224094	46.187	ng	99
77) Benzidine	19.486	184	399662	44.805	ng	100
78) Pyrene	19.651	202	1270025	42.177	ng	100
80) Butylbenzylphthalate	20.539	149	485121	43.141	ng	96
81) Benzo(a)anthracene	21.368	228	1317812	43.878	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	409814	37.446	ng	98
83) Chrysene	21.421	228	1232800	43.235	ng	99
84) Bis(2-ethylhexyl)phtha...	21.304	149	690179	40.306	ng	98
85) Di-n-octyl phthalate	22.239	149	1173794	38.961	ng	99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1561793	44.166	ng	97
88) Benzo(b)fluoranthene	23.063	252	1325159	45.514	ng	99
89) Benzo(k)fluoranthene	23.110	252	1259169	45.274	ng	99
90) Benzo(a)pyrene	23.692	252	1186192	45.788	ng	98
91) Dibenzo(a,h)anthracene	26.351	278	1284344	44.161	ng #	98
92) Benzo(g,h,i)perylene	27.103	276	1218936	41.312	ng	98

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

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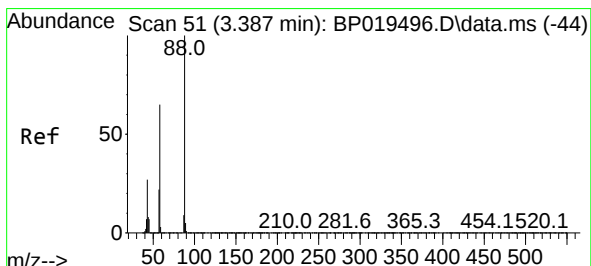
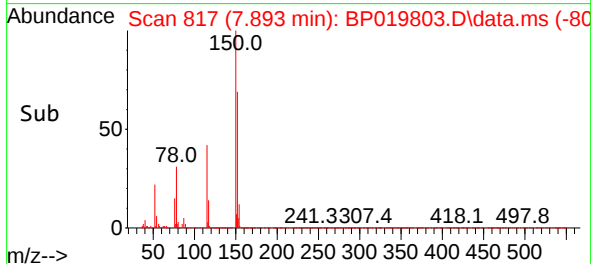
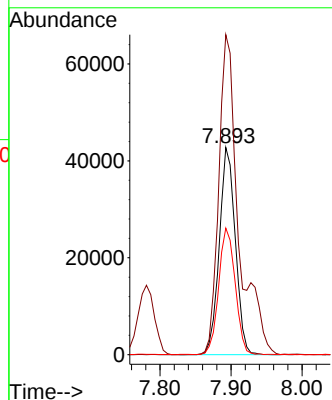
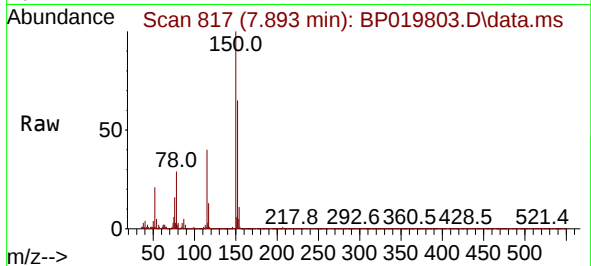




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019803.D
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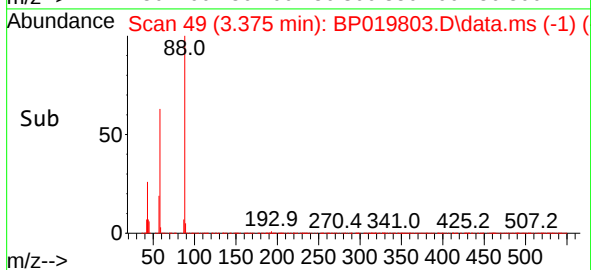
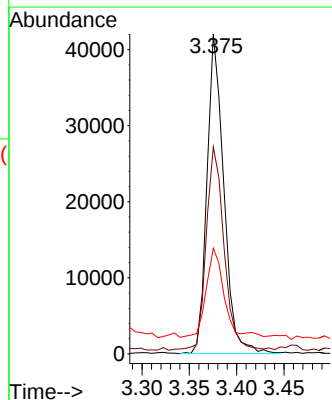
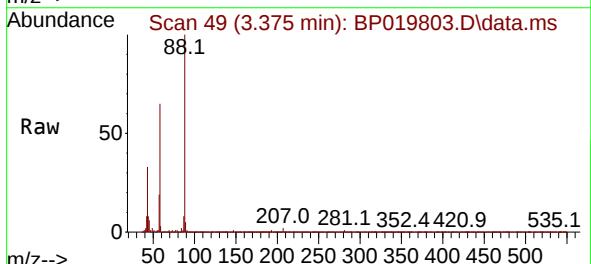
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PB159144BS

Tgt Ion:152 Resp: 66859
Ion Ratio Lower Upper
152 100
150 154.5 121.8 182.8
115 61.1 49.9 74.9



#2
1,4-Dioxane
Concen: 32.506 ng
RT: 3.375 min Scan# 49
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 88 Resp: 51947
Ion Ratio Lower Upper
88 100
58 66.1 52.6 78.8
43 27.1 21.9 32.9

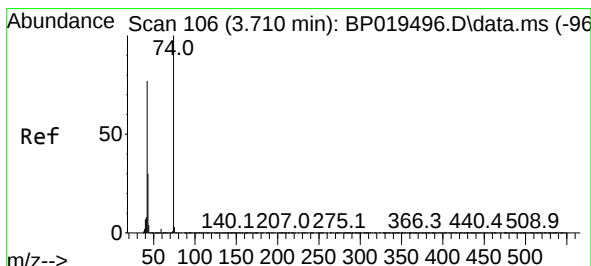
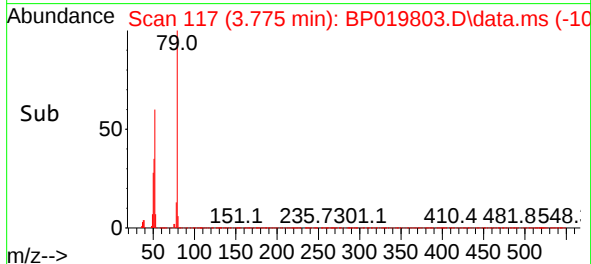
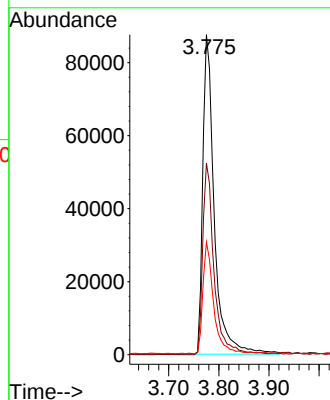
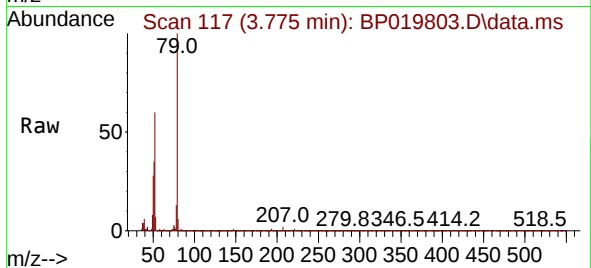




#3
 Pyridine
 Concen: 32.275 ng
 RT: 3.775 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: BP019803.D
 Acq: 21 Feb 2024 12:17

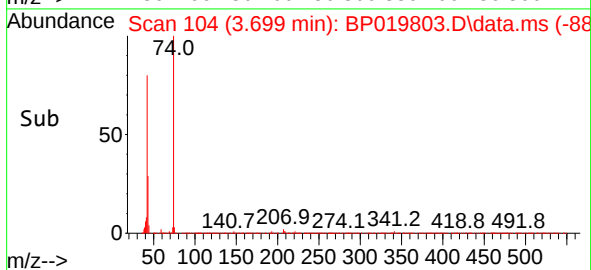
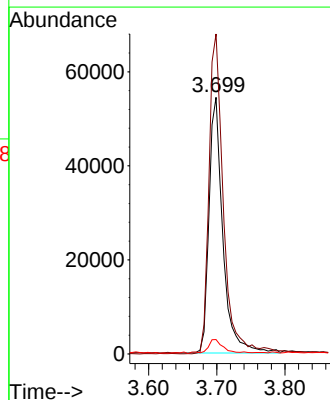
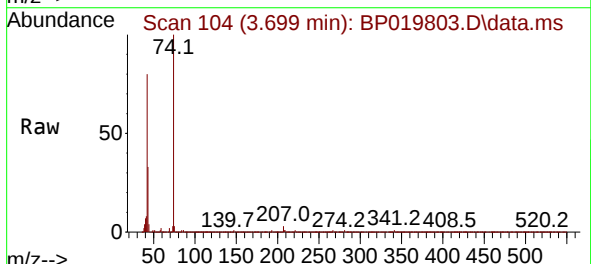
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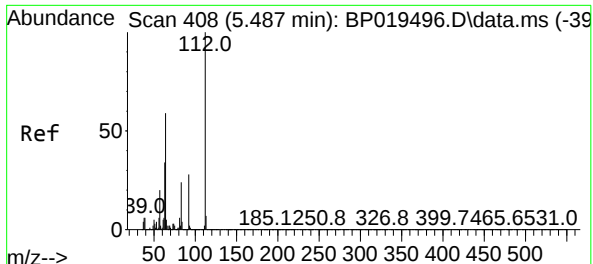
Tgt Ion: 79 Resp: 139831
 Ion Ratio Lower Upper
 79 100
 52 59.9 45.0 67.6
 51 35.2 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 40.851 ng
 RT: 3.699 min Scan# 104
 Delta R.T. -0.006 min
 Lab File: BP019803.D
 Acq: 21 Feb 2024 12:17

Tgt Ion: 42 Resp: 77057
 Ion Ratio Lower Upper
 42 100
 74 124.6 103.4 155.2
 44 5.6 4.8 7.2

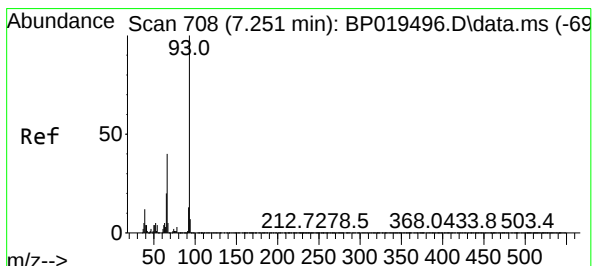
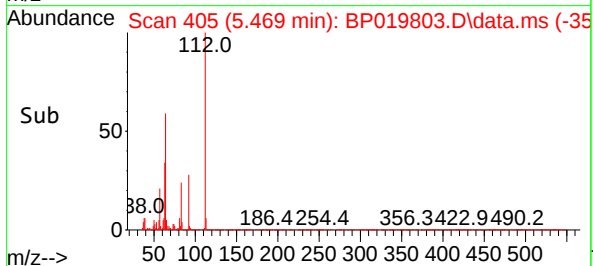
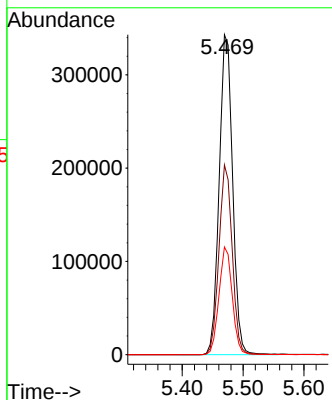
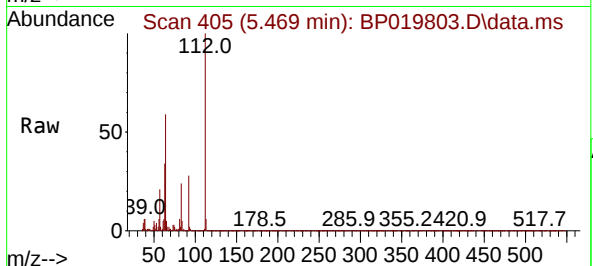




#5
2-Fluorophenol
Concen: 126.567 ng
RT: 5.469 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

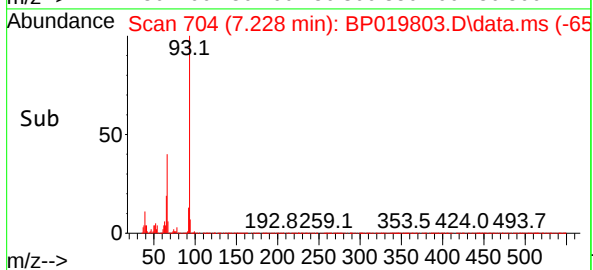
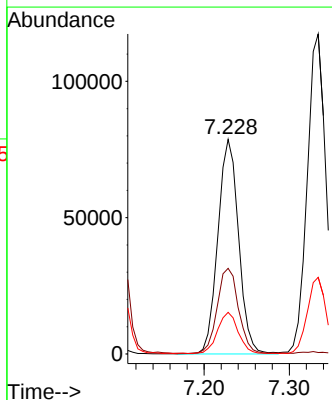
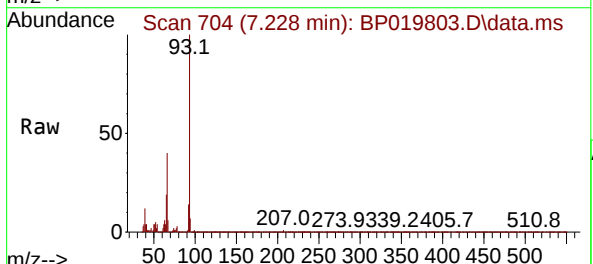
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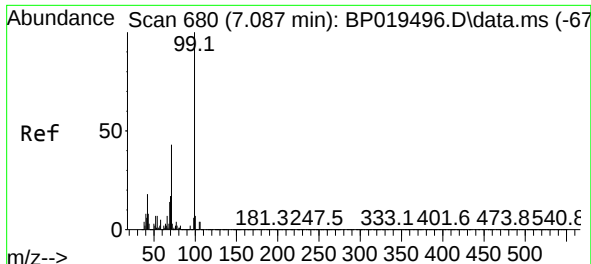
Tgt Ion:112 Resp: 524971
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.0
63 33.6 27.0 40.6



#6
Aniline
Concen: 24.491 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 93 Resp: 133093
Ion Ratio Lower Upper
93 100
66 39.9 32.3 48.5
65 19.4 16.4 24.6

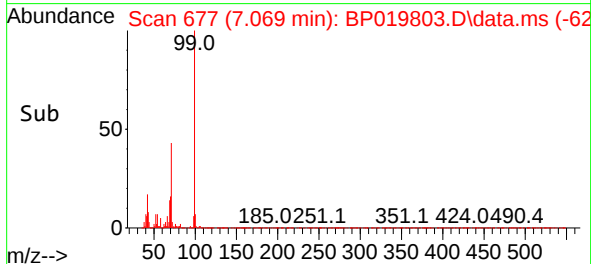
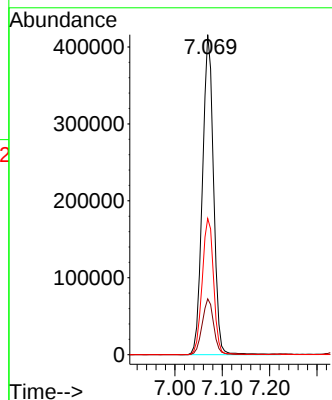
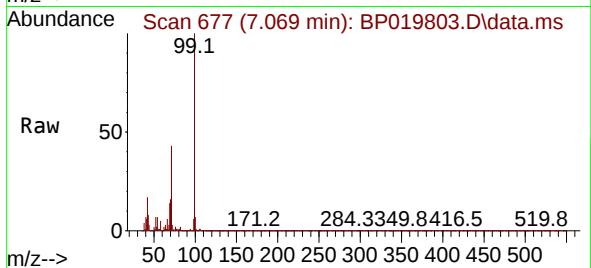




#7
Phenol-d6
Concen: 120.982 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

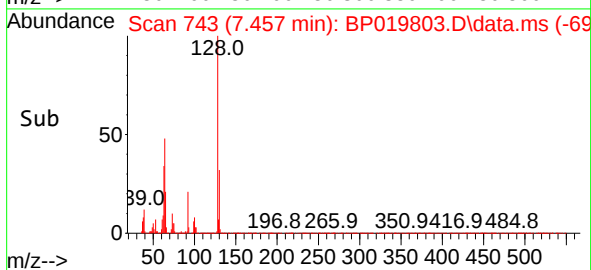
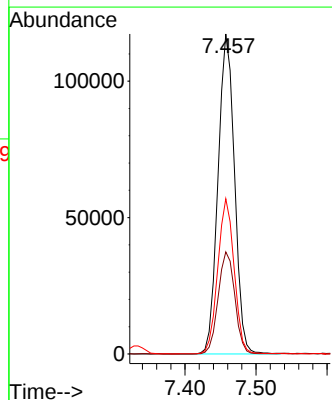
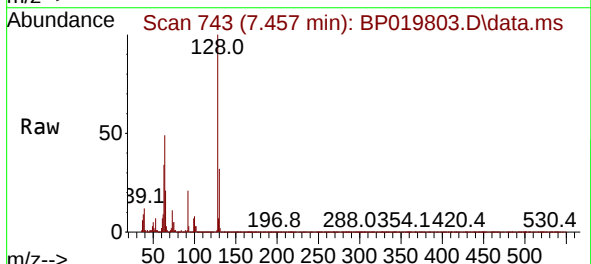
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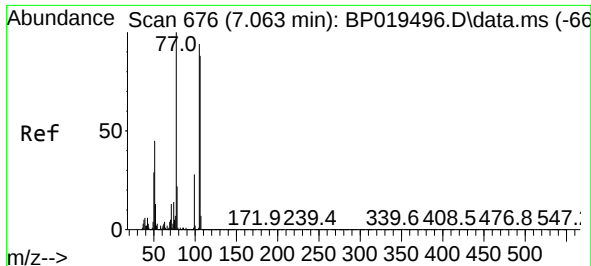
Tgt Ion: 99 Resp: 676620
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 42.5 34.8 52.2



#8
2-Chlorophenol
Concen: 44.299 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 128 Resp: 188645
Ion Ratio Lower Upper
128 100
130 31.9 13.3 53.3
64 48.5 29.7 69.7

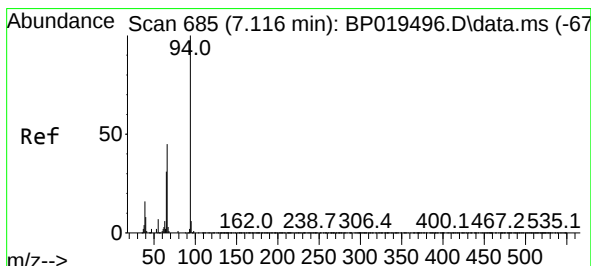
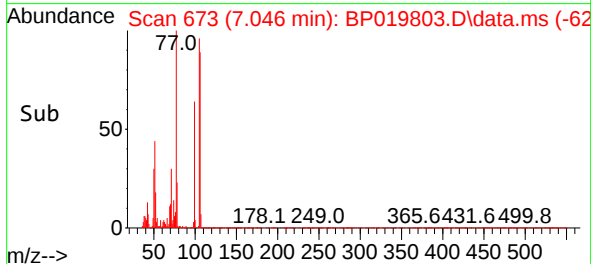
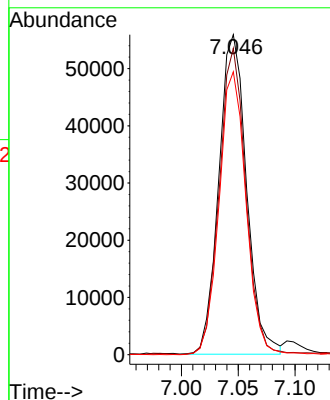
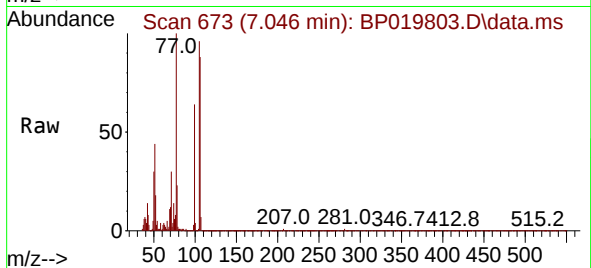




#9
Benzaldehyde
Concen: 24.226 ng
RT: 7.046 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

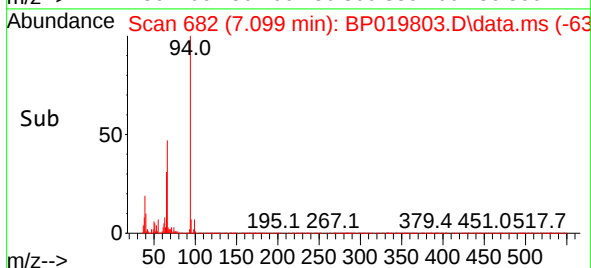
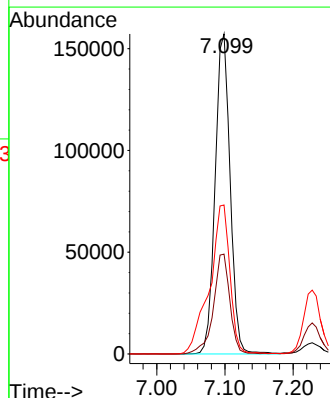
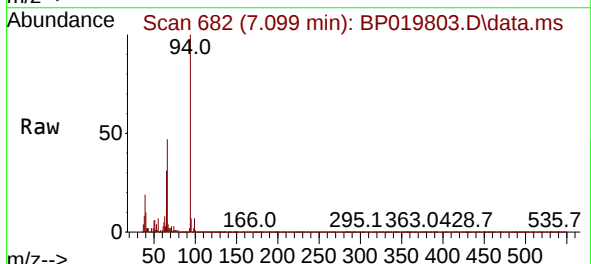
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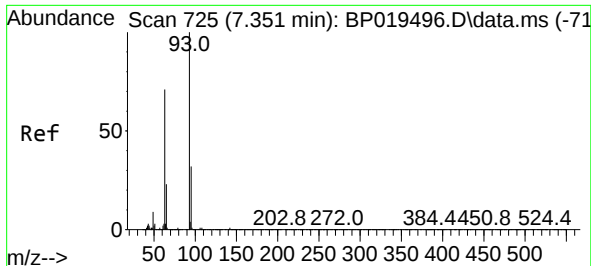
Tgt Ion: 77 Resp: 94993
Ion Ratio Lower Upper
77 100
105 95.8 74.0 114.0
106 88.4 67.8 107.8



#10
Phenol
Concen: 43.273 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019803.D
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Tgt Ion: 94 Resp: 241208
Ion Ratio Lower Upper
94 100
65 31.2 11.3 51.3
66 46.5 25.1 65.1

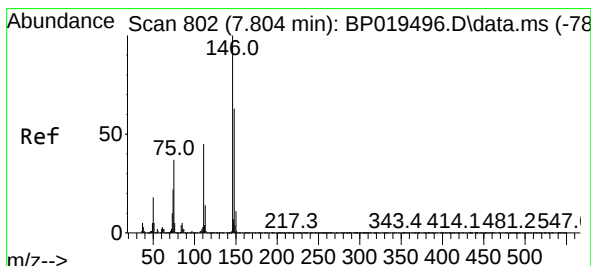
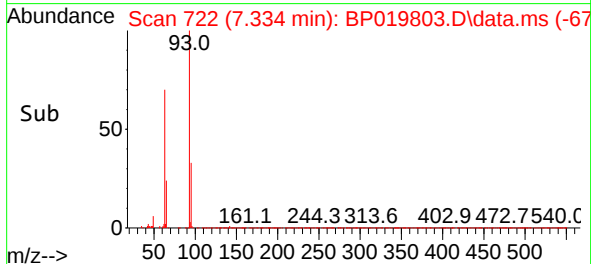
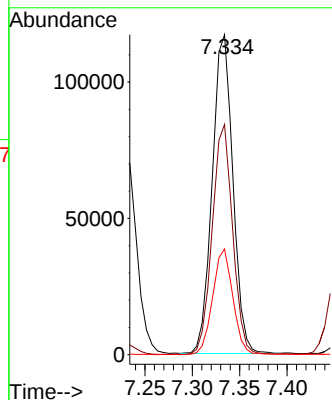
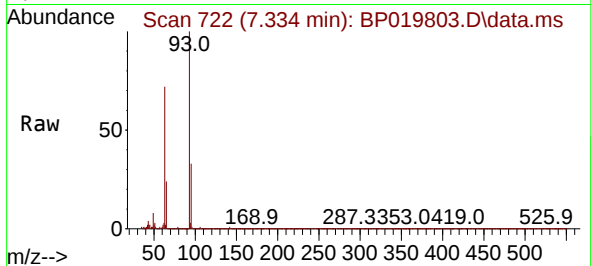




#11
bis(2-Chloroethyl)ether
Concen: 41.001 ng
RT: 7.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

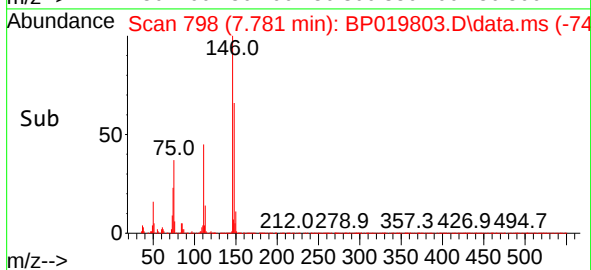
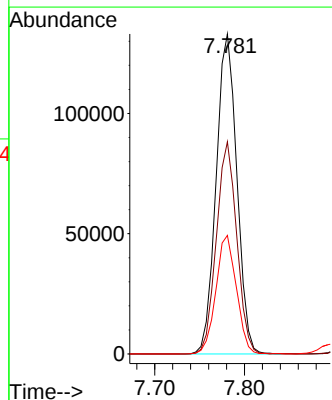
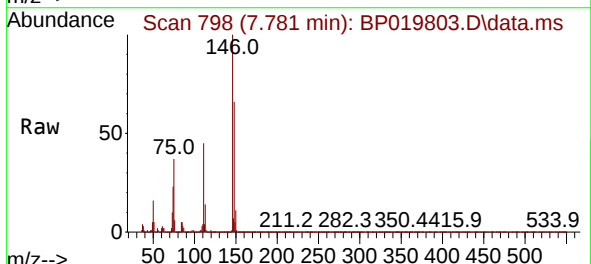
Instrument :
BNA_P
ClientSampleId :
PB159144BS

Tgt Ion: 93 Resp: 177806
Ion Ratio Lower Upper
93 100
63 72.0 51.2 91.2
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.918 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:146 Resp: 213213
Ion Ratio Lower Upper
146 100
148 66.3 50.4 75.6
75 37.1 29.9 44.9

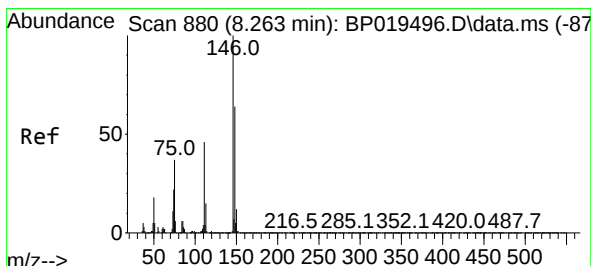
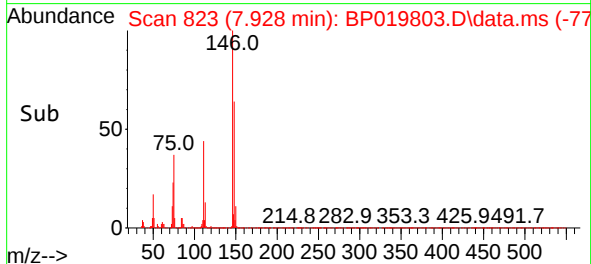
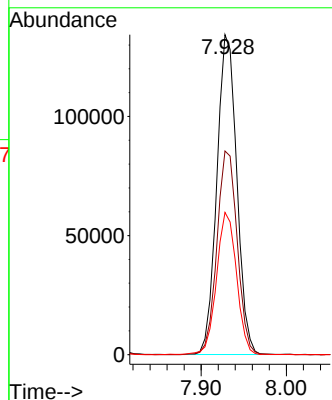
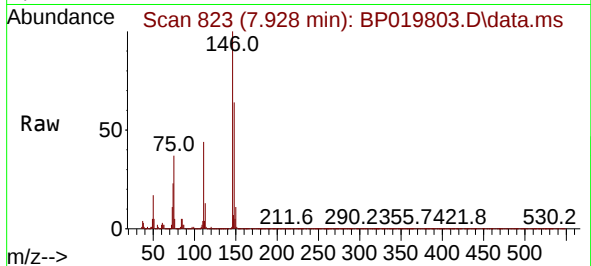




#13
1,4-Dichlorobenzene
Concen: 41.451 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

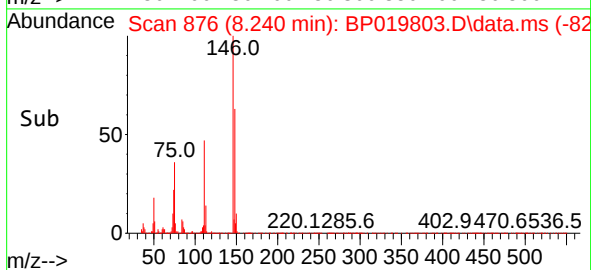
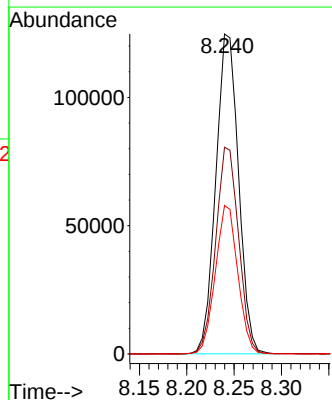
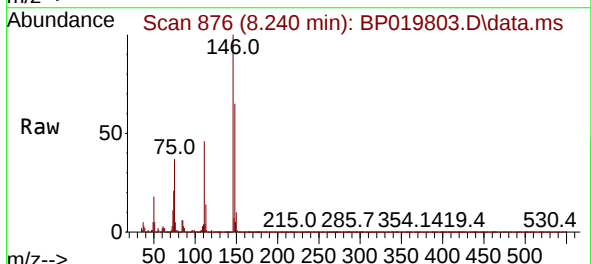
Instrument :
BNA_P
ClientSampleId :
PB159144BS

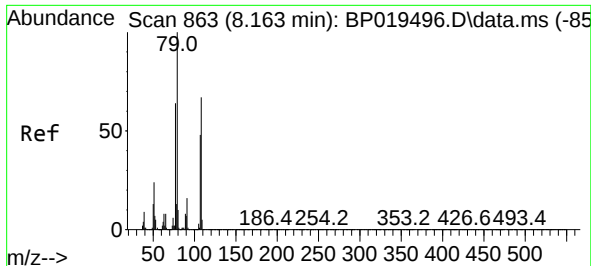
Tgt Ion:146 Resp: 218825
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 44.5 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 40.860 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:146 Resp: 208707
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
111 46.4 37.0 55.6

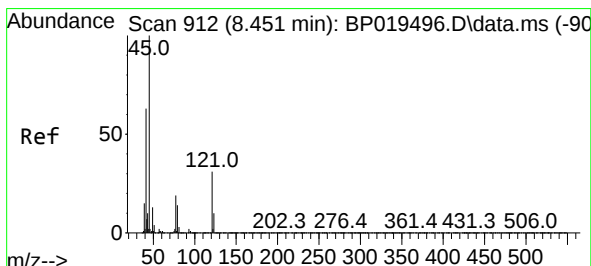
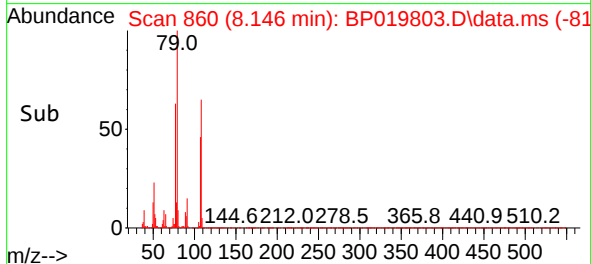
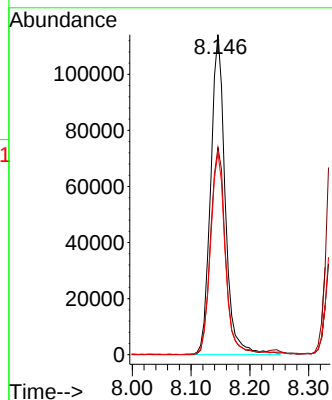
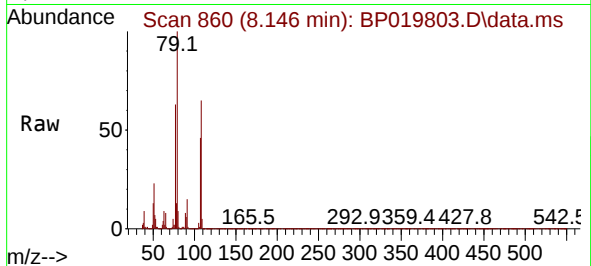




#15
Benzyl Alcohol
Concen: 43.751 ng
RT: 8.146 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

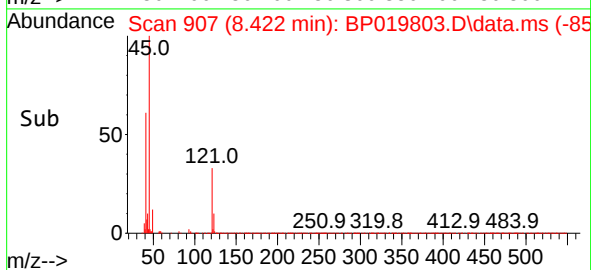
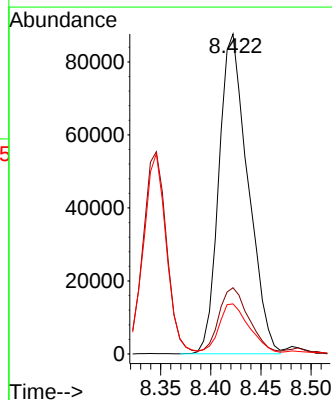
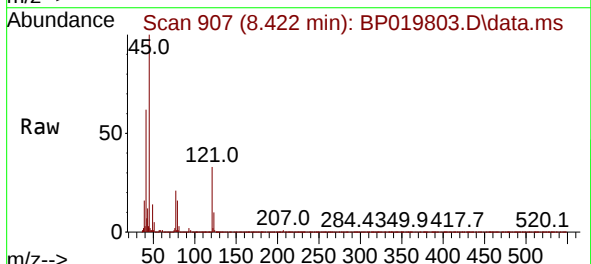
Instrument :
BNA_P
ClientSampleId :
PB159144BS

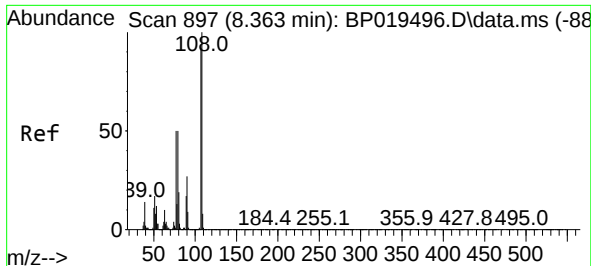
Tgt Ion: 79 Resp: 195509
Ion Ratio Lower Upper
79 100
108 64.8 53.8 80.6
77 63.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.629 ng
RT: 8.422 min Scan# 907
Delta R.T. -0.018 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 45 Resp: 176191
Ion Ratio Lower Upper
45 100
77 20.7 0.8 40.8
79 15.6 0.0 35.5

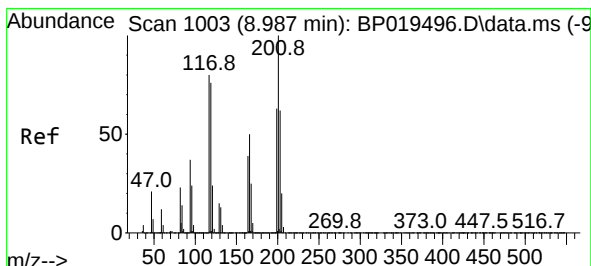
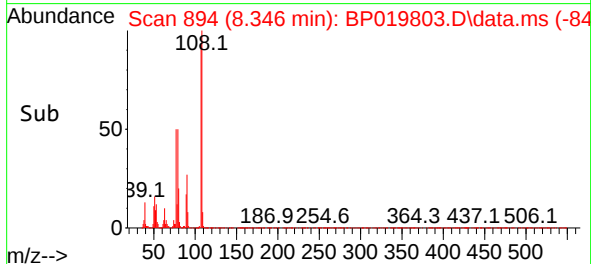
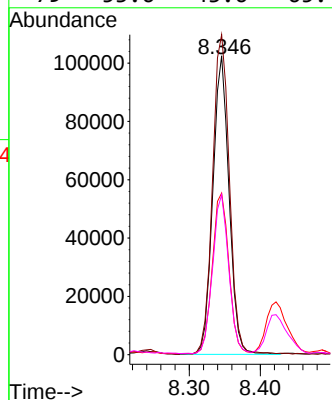
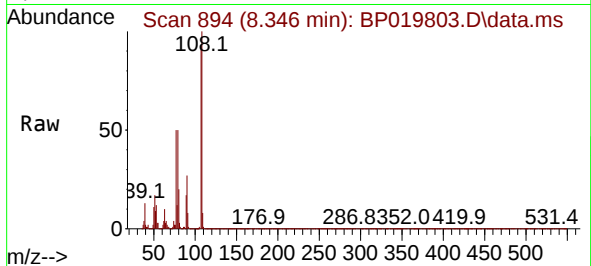




#17
2-Methylphenol
Concen: 43.208 ng
RT: 8.346 min Scan# 897
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

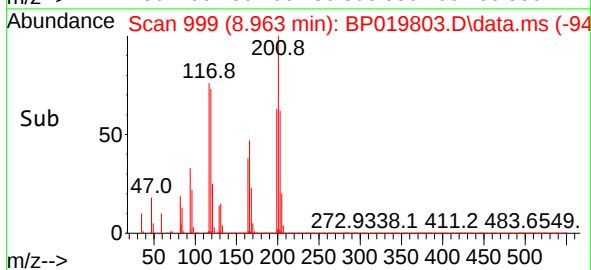
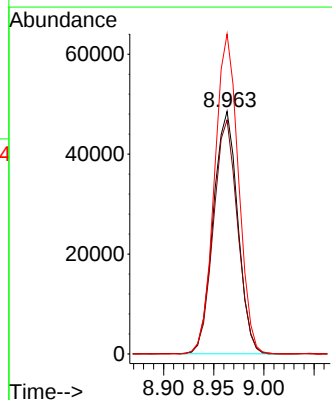
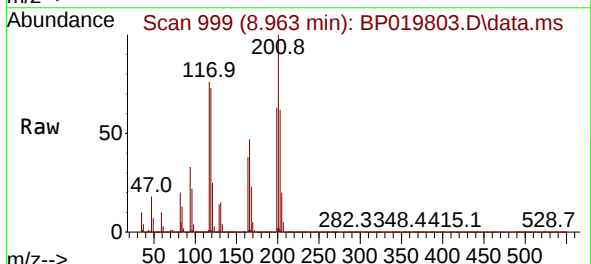
Instrument :
BNA_P
ClientSampleId :
PB159144BS

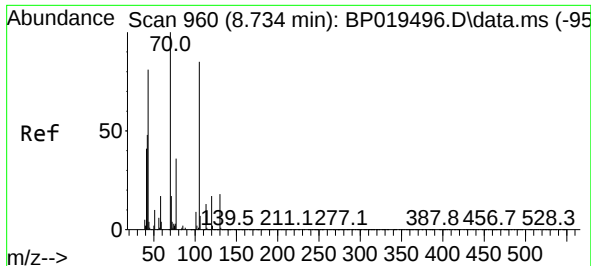
Tgt Ion:	107	Resp:	162150
Ion	Ratio	Lower	Upper
107	100		
108	107.1	87.0	130.6
77	54.1	43.5	65.3
79	53.6	43.6	65.4



#18
Hexachloroethane
Concen: 40.066 ng
RT: 8.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:	117	Resp:	81985
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.5	113.3
201	131.9	99.4	149.2

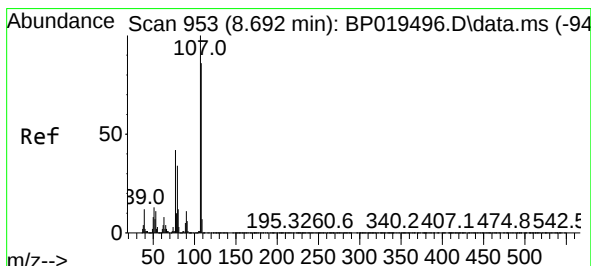
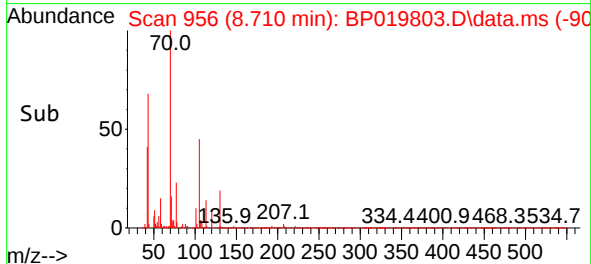
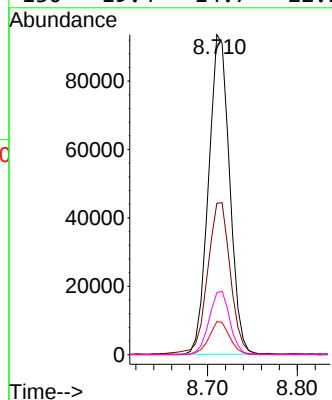
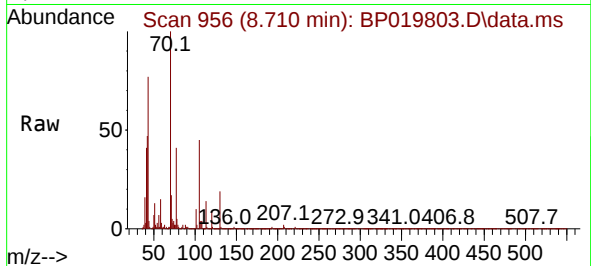




#19
n-Nitroso-di-n-propylamine
Concen: 39.878 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

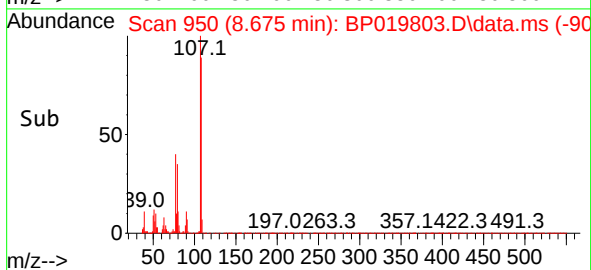
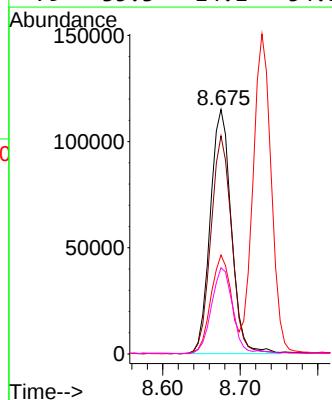
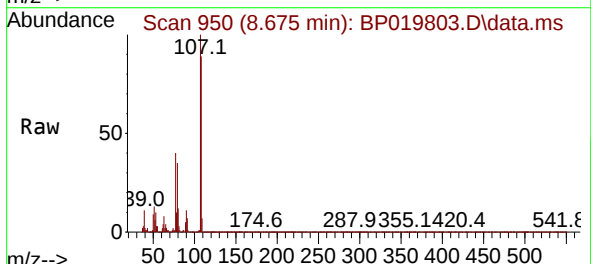
Instrument :
BNA_P
ClientSampleId :
PB159144BS

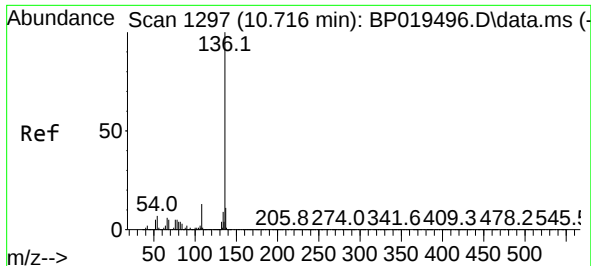
Tgt Ion: 70 Resp: 152339
Ion Ratio Lower Upper
70 100
42 47.3 39.2 58.8
101 10.4 7.3 10.9
130 19.4 14.7 22.1



#20
3+4-Methylphenols
Concen: 42.465 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 107 Resp: 217486
Ion Ratio Lower Upper
107 100
108 89.2 65.5 105.5
77 40.5 21.8 61.8
79 35.3 14.1 54.1

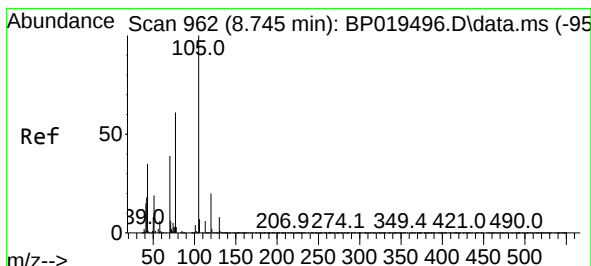
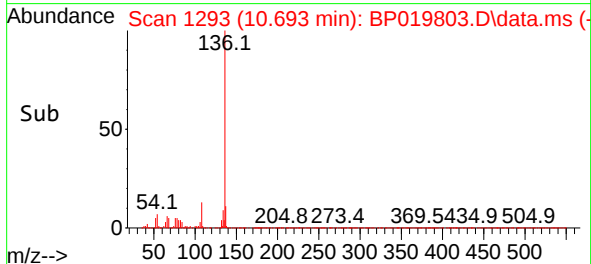
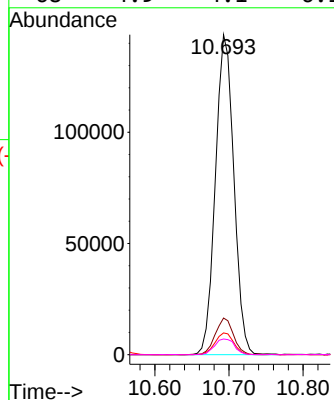
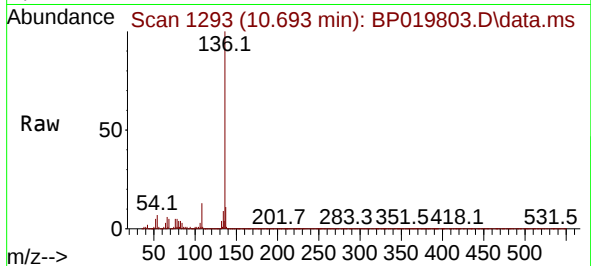




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

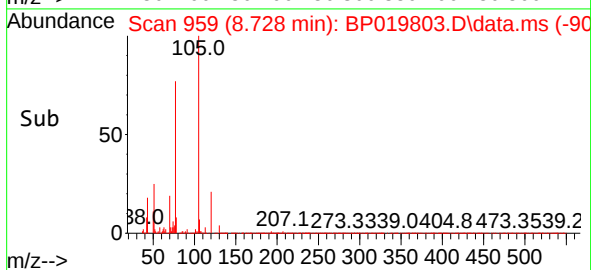
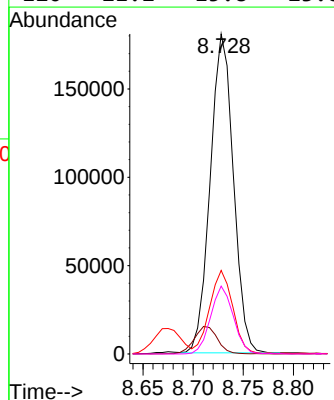
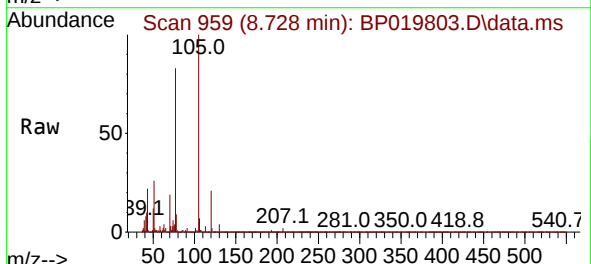
Instrument :
BNA_P
ClientSampleId :
PB159144BS

Tgt Ion:	136	Resp:	249078
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.8	5.3	7.9
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 40.861 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:	105	Resp:	289942
Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.9	7.3
51	26.1	20.7	31.1
120	21.2	15.8	23.8

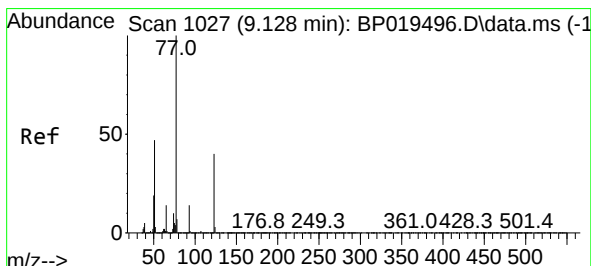
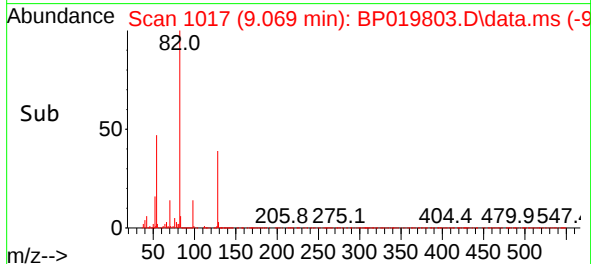
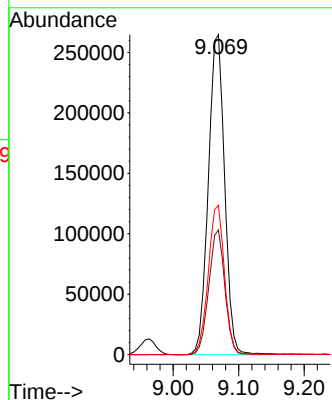
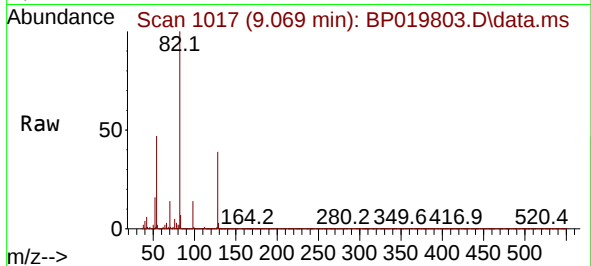




#23
Nitrobenzene-d5
Concen: 79.649 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

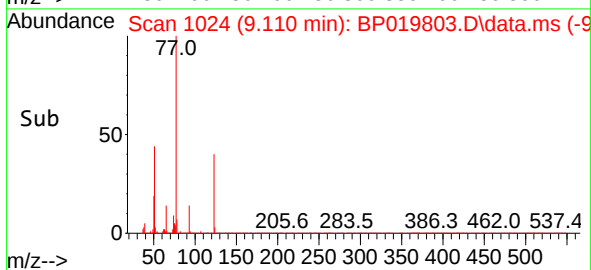
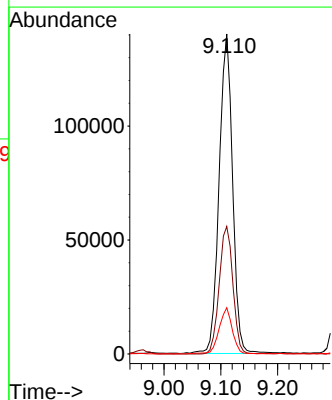
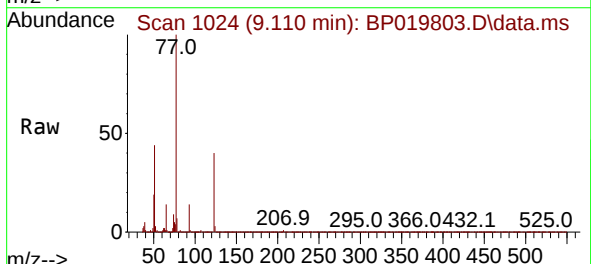
Instrument :
BNA_P
ClientSampleId :
PB159144BS

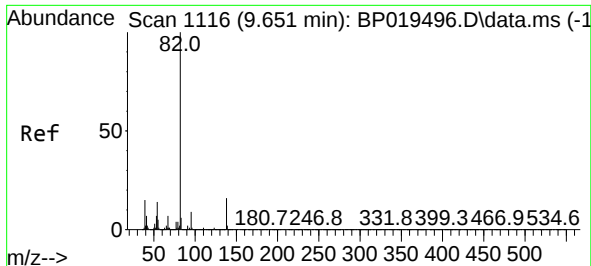
Tgt Ion: 82 Resp: 457841
Ion Ratio Lower Upper
82 100
128 39.0 29.7 44.5
54 46.7 36.8 55.2



#24
Nitrobenzene
Concen: 39.897 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 77 Resp: 230906
Ion Ratio Lower Upper
77 100
123 39.8 32.3 48.5
65 14.5 11.6 17.4

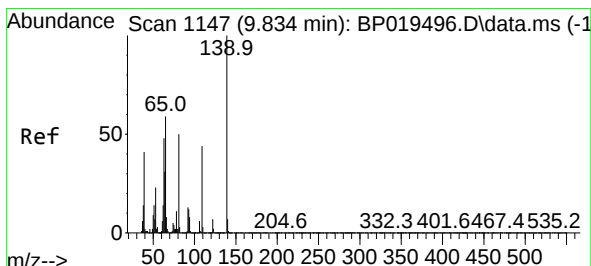
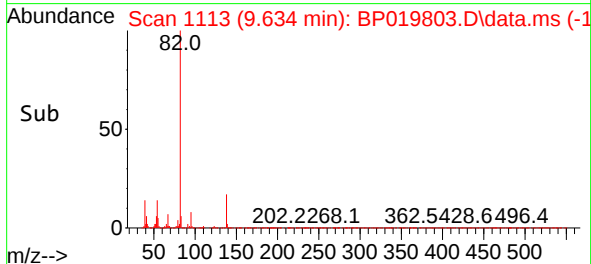
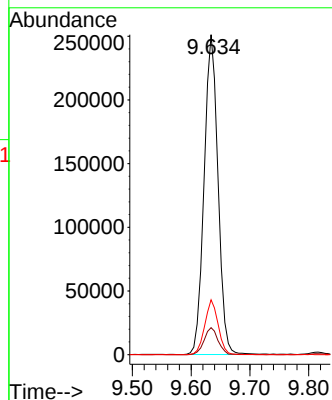
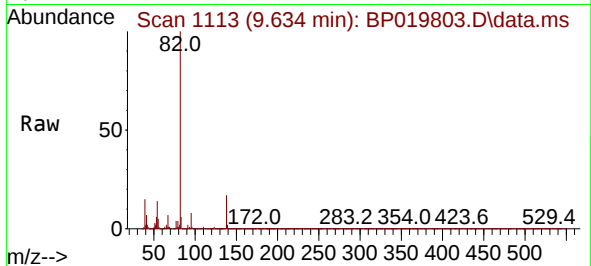




#25
Isophorone
Concen: 41.211 ng
RT: 9.634 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

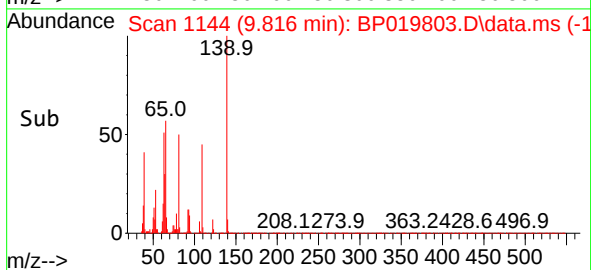
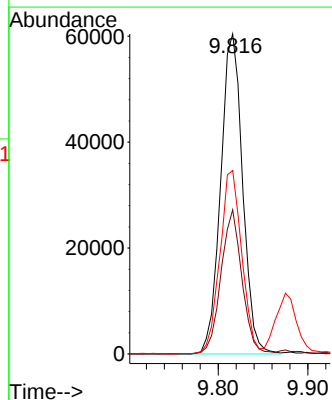
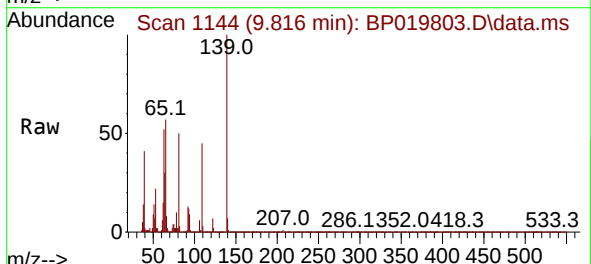
Instrument :
BNA_P
ClientSampleId :
PB159144BS

Tgt Ion: 82 Resp: 412561
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 17.1 13.1 19.7



#26
2-Nitrophenol
Concen: 46.407 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 139 Resp: 102408
Ion Ratio Lower Upper
139 100
109 45.0 34.9 52.3
65 57.4 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 50.829 ng

RT: 9.875 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

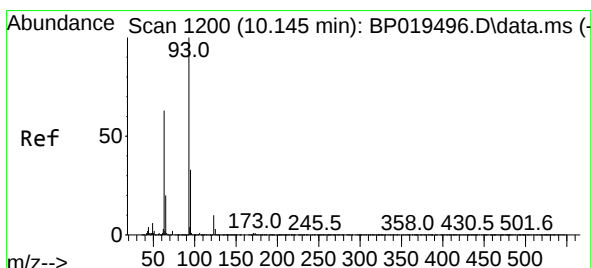
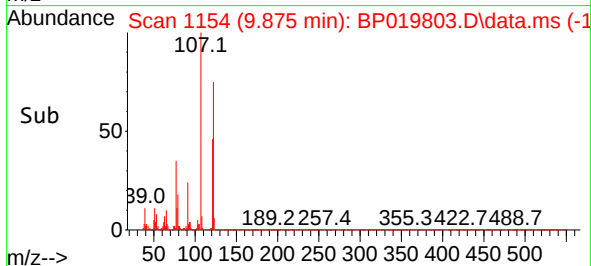
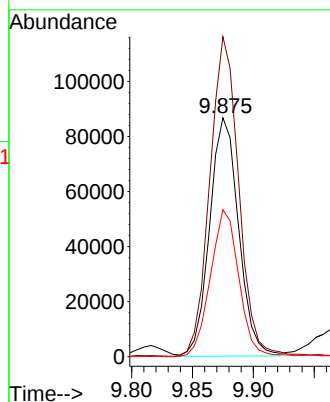
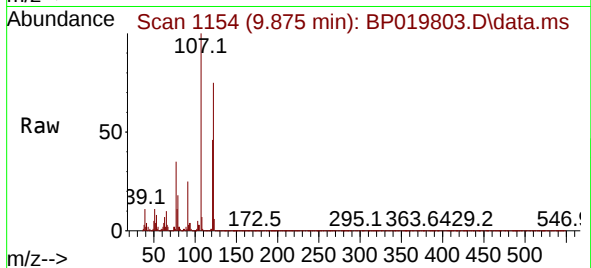
Tgt Ion:122 Resp: 143428

Ion Ratio Lower Upper

122 100

107 134.0 105.9 158.9

121 61.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.531 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

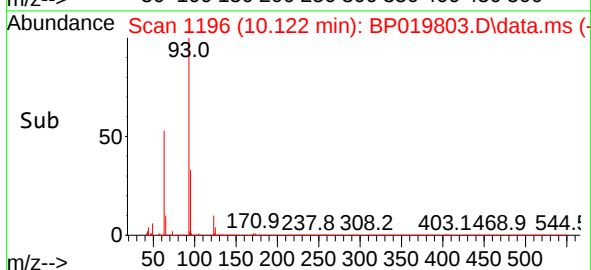
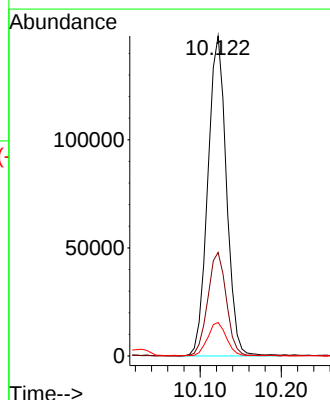
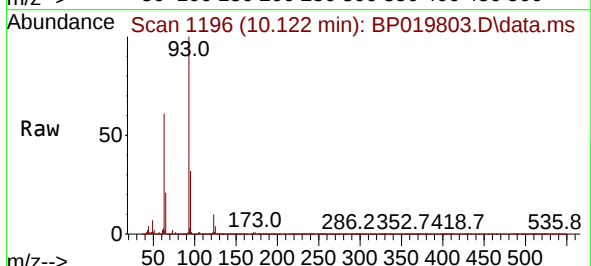
Tgt Ion: 93 Resp: 235235

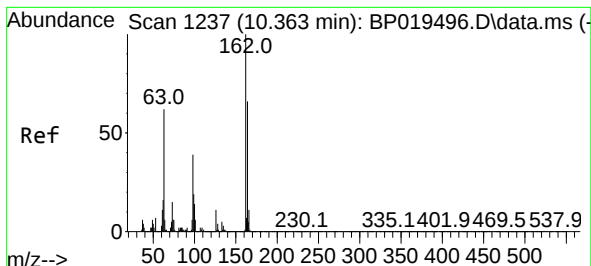
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 10.4 8.5 12.7

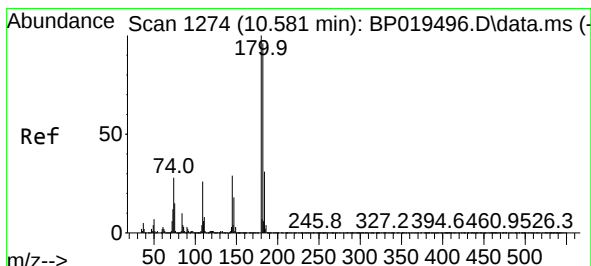
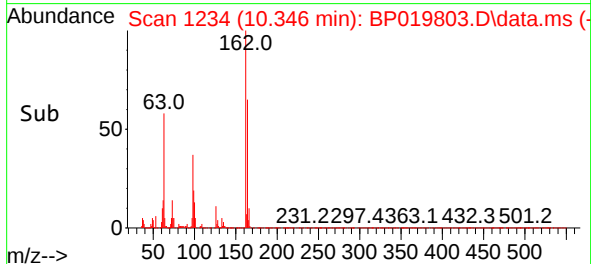
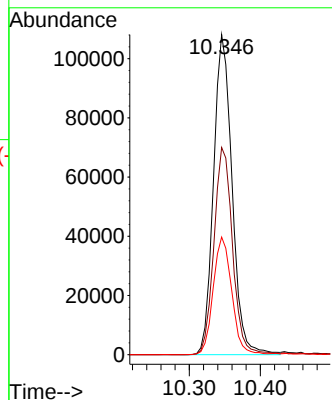
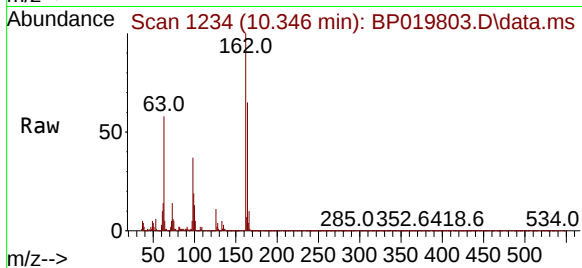




#29
2,4-Dichlorophenol
Concen: 45.907 ng
RT: 10.346 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

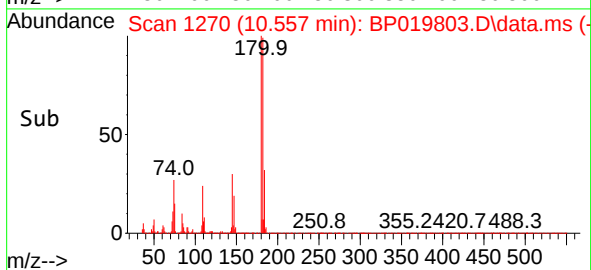
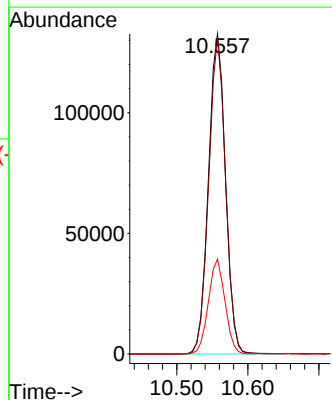
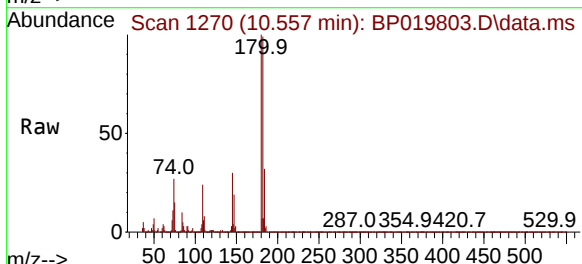
Instrument :
BNA_P
ClientSampleId :
PB159144BS

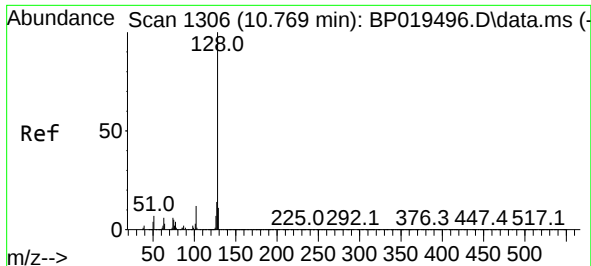
Tgt Ion:162 Resp: 195819
Ion Ratio Lower Upper
162 100
164 64.7 46.0 86.0
98 36.7 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 42.347 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:180 Resp: 221481
Ion Ratio Lower Upper
180 100
182 98.9 77.0 115.6
145 29.7 23.2 34.8

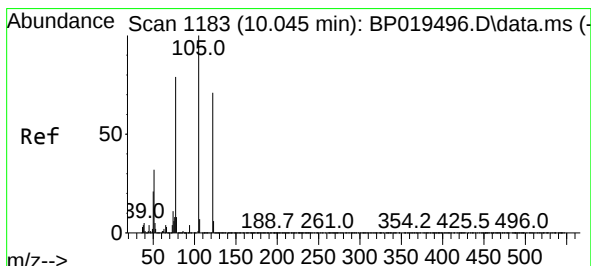
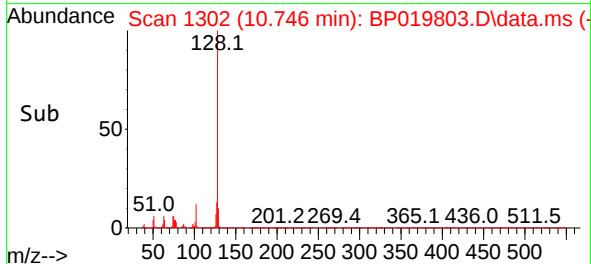
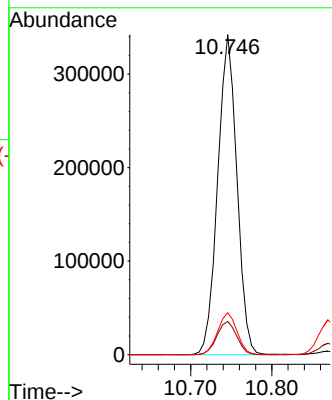
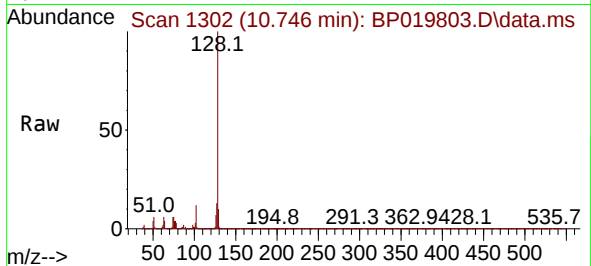




#31
Naphthalene
Concen: 41.160 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

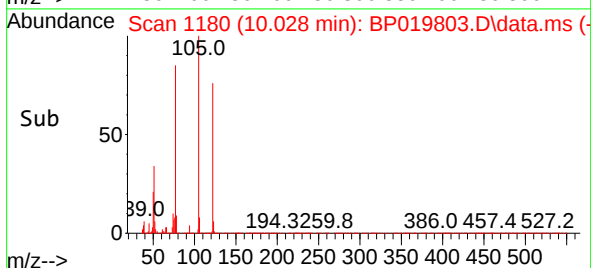
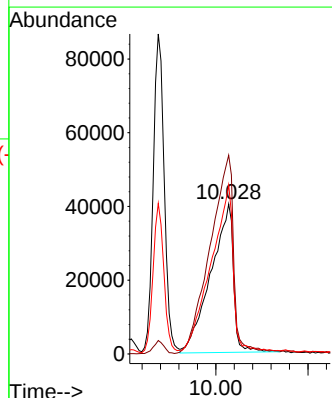
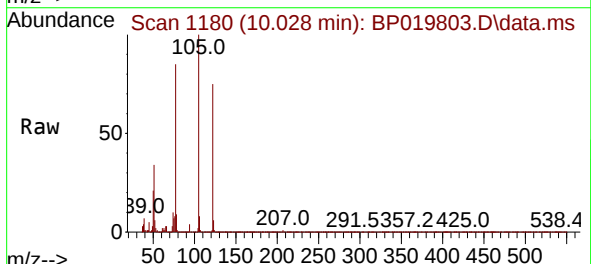
Instrument :
BNA_P
ClientSampleId :
PB159144BS

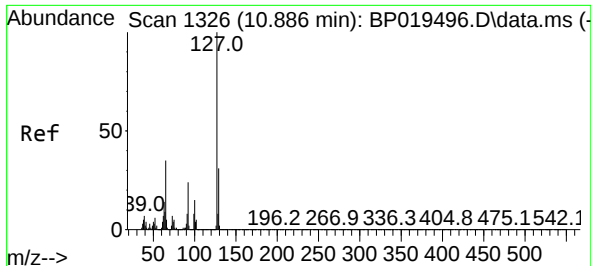
Tgt Ion:128 Resp: 562285
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 49.744 ng
RT: 10.028 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:122 Resp: 136759
Ion Ratio Lower Upper
122 100
105 132.6 118.8 158.8
77 112.7 91.7 131.7

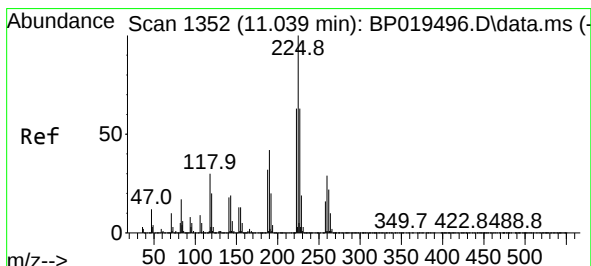
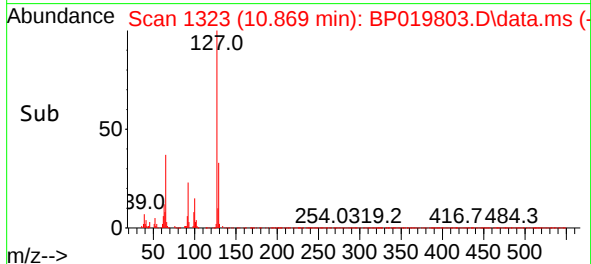
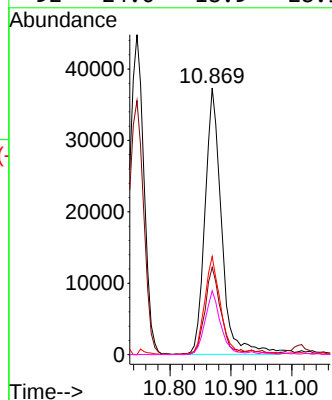
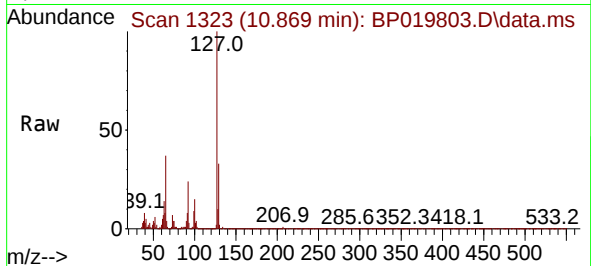




#33
4-Chloroaniline
Concen: 14.033 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

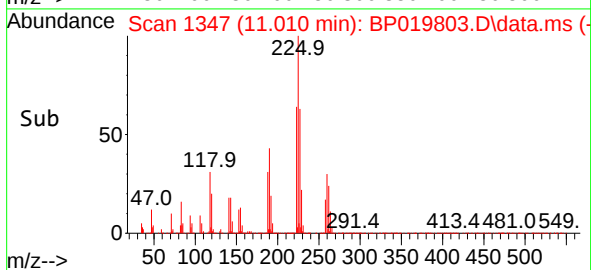
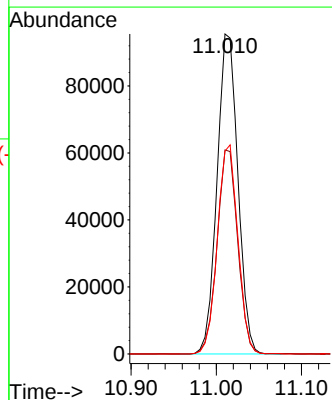
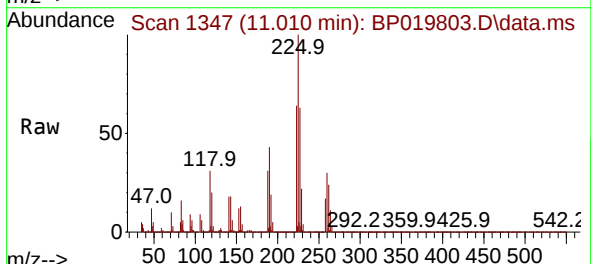
Instrument :
BNA_P
ClientSampleId :
PB159144BS

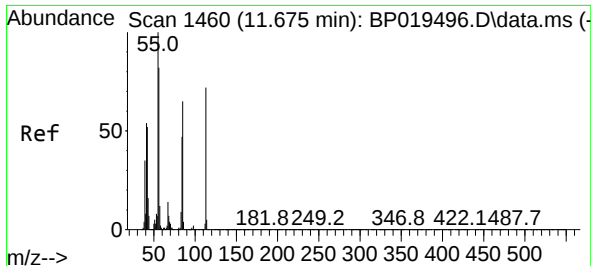
Tgt Ion:127	Resp:	70893
Ion	Ratio	Lower Upper
127	100	
129	32.8	24.6 36.8
65	36.8	28.2 42.4
92	24.0	18.9 28.3



#34
Hexachlorobutadiene
Concen: 41.854 ng
RT: 11.010 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:225	Resp:	162212
Ion	Ratio	Lower Upper
225	100	
223	63.8	50.5 75.7
227	63.4	50.2 75.2

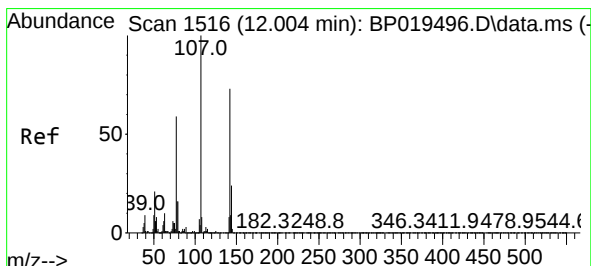
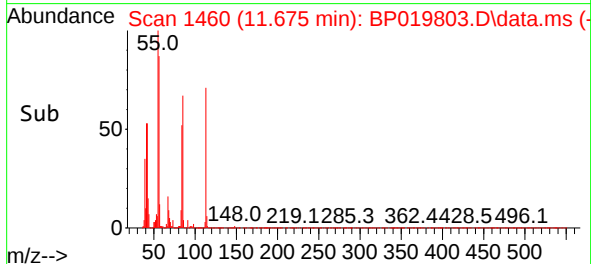
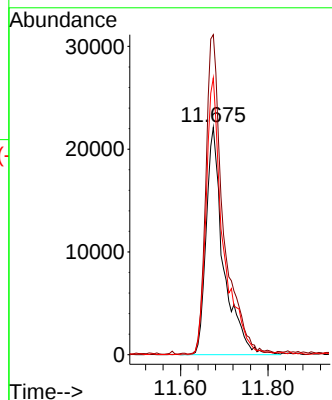
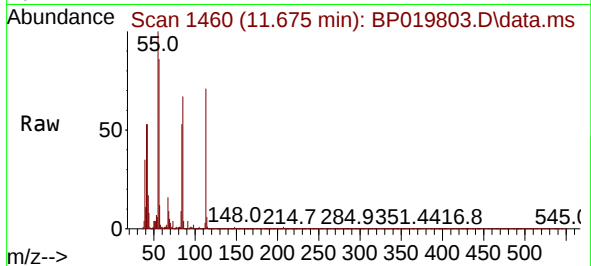




#35
Caprolactam
Concen: 50.328 ng
RT: 11.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

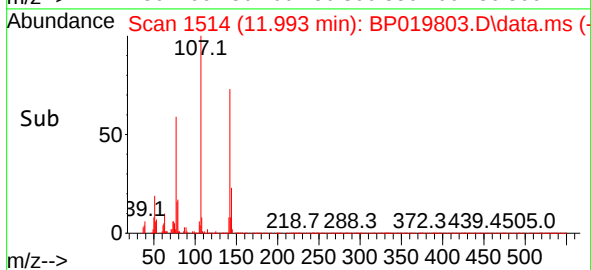
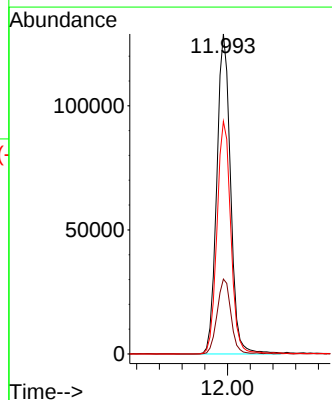
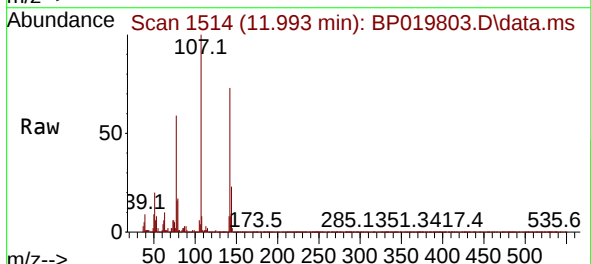
Instrument :
BNA_P
ClientSampleId :
PB159144BS

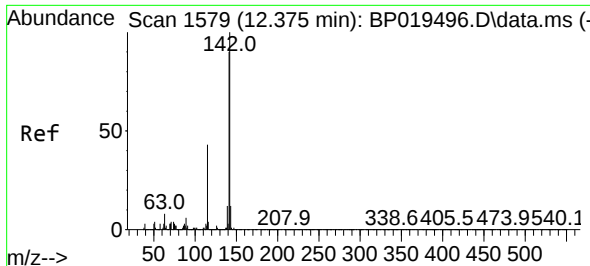
Tgt Ion:113 Resp: 60773
Ion Ratio Lower Upper
113 100
55 140.7 120.0 160.0
56 121.7 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 46.549 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:107 Resp: 216503
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 72.7 58.6 88.0

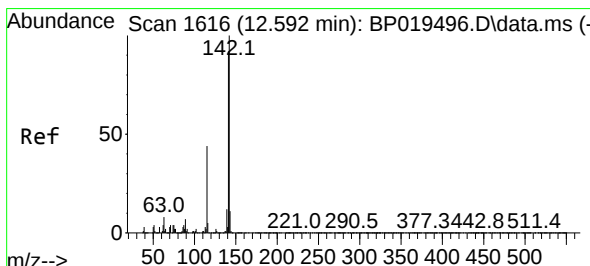
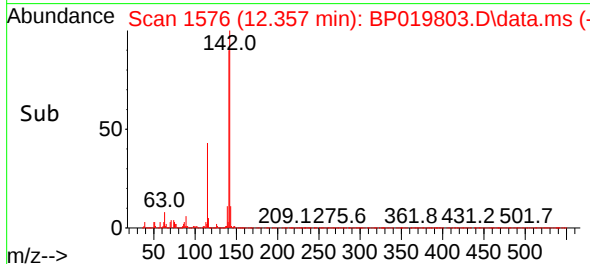
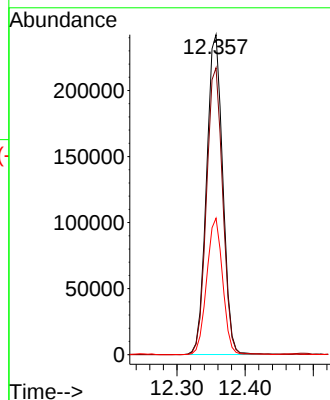
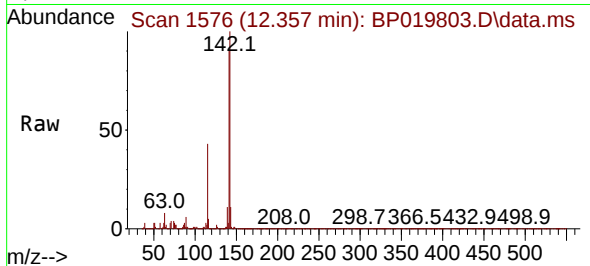




#37
2-Methylnaphthalene
Concen: 42.392 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

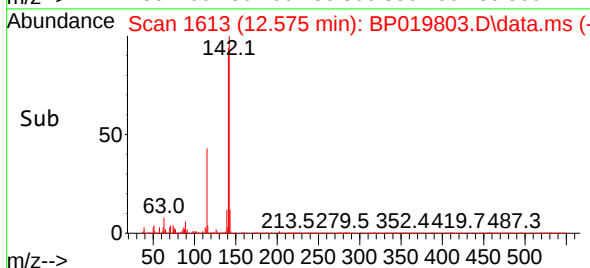
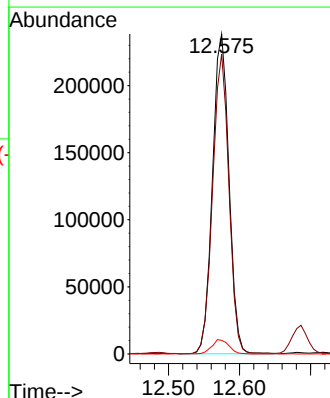
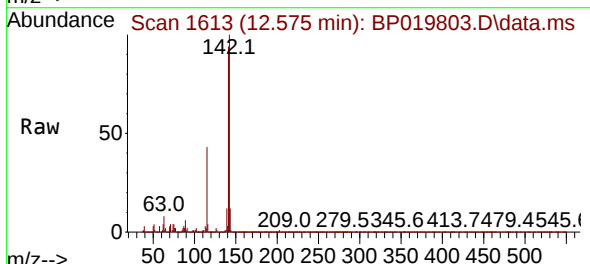
Instrument :
BNA_P
ClientSampleId :
PB159144BS

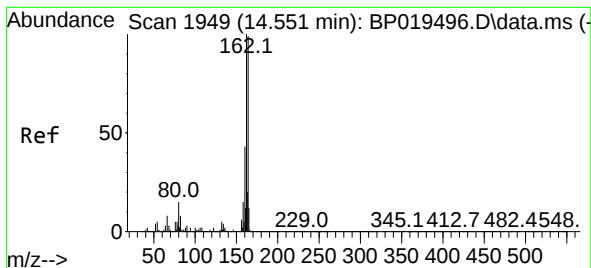
Tgt Ion:142 Resp: 400775
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.4
115 42.7 34.2 51.2



#38
1-Methylnaphthalene
Concen: 41.285 ng
RT: 12.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:142 Resp: 383561
Ion Ratio Lower Upper
142 100
141 93.7 74.0 111.0
116 4.3 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: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

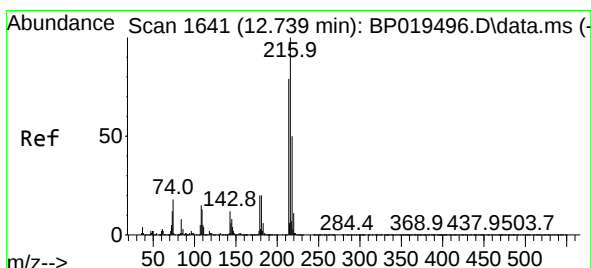
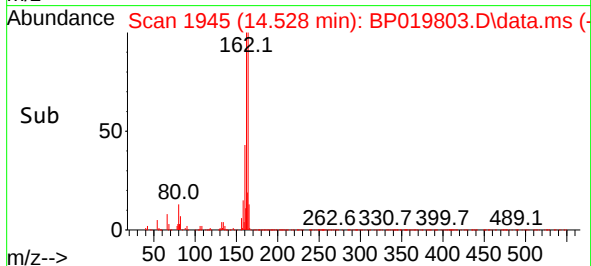
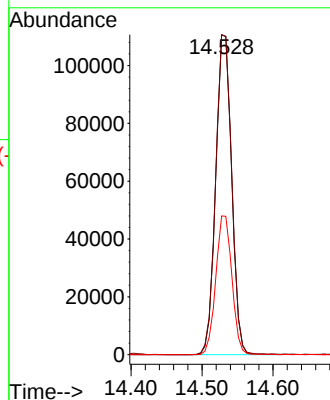
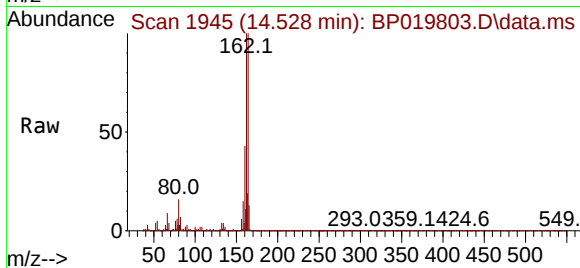
Tgt Ion:164 Resp: 171562

Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

160 43.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.818 ng

RT: 12.716 min Scan# 1637

Delta R.T. -0.012 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Tgt Ion:216 Resp: 283308

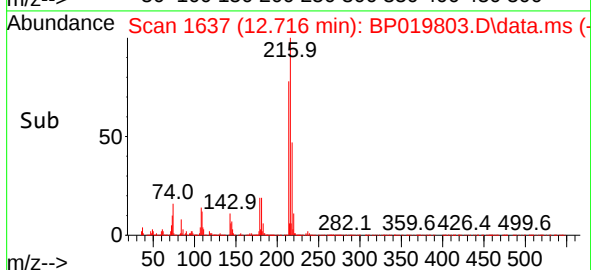
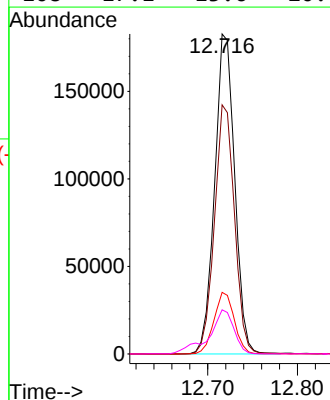
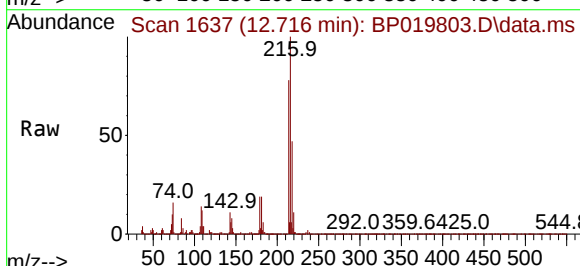
Ion Ratio Lower Upper

216 100

214 78.0 62.8 94.2

179 19.6 16.6 24.8

108 17.1 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 110.621 ng

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

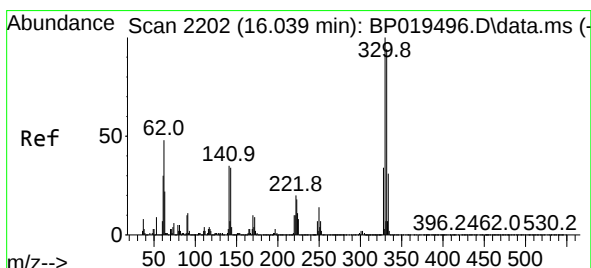
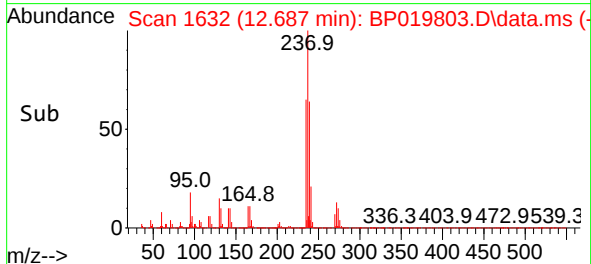
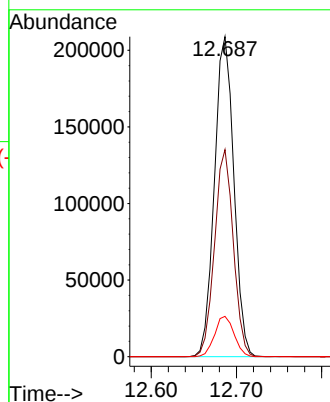
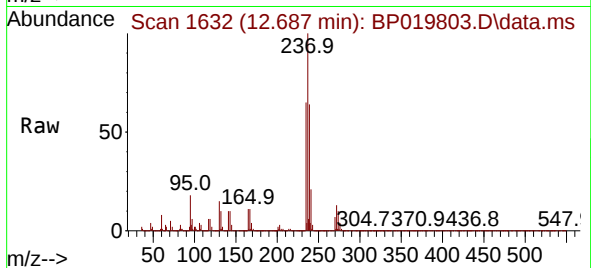
Tgt Ion:237 Resp: 330646

Ion Ratio Lower Upper

237 100

235 64.7 43.7 83.7

272 12.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 160.562 ng

RT: 16.028 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

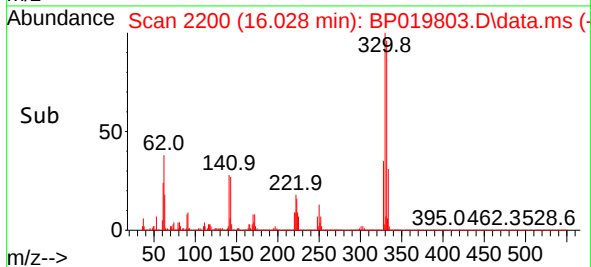
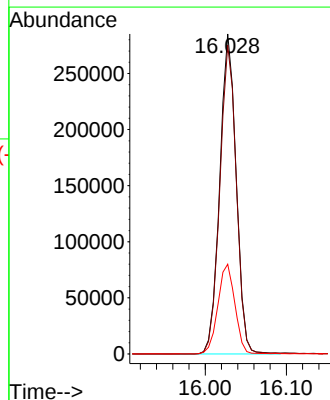
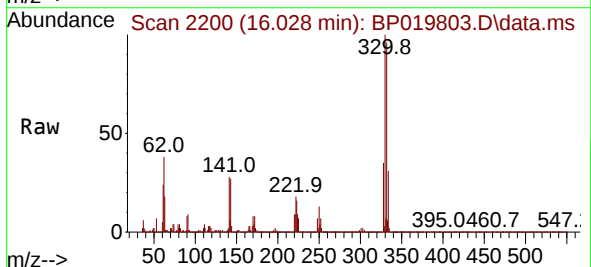
Tgt Ion:330 Resp: 402196

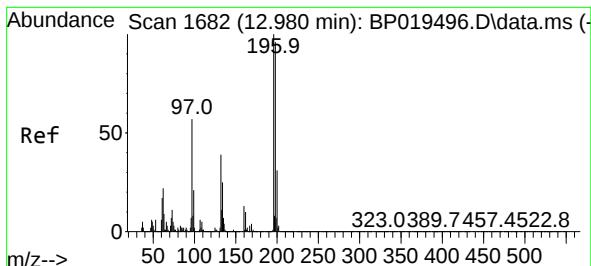
Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

141 29.1 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 45.078 ng

RT: 12.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

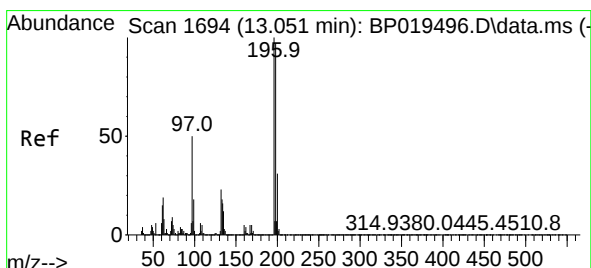
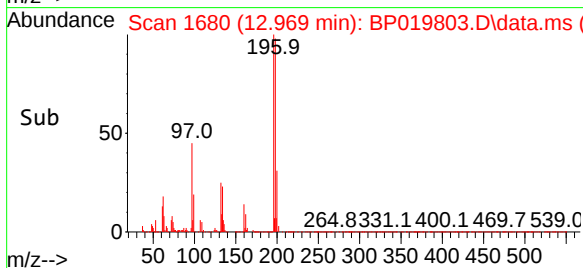
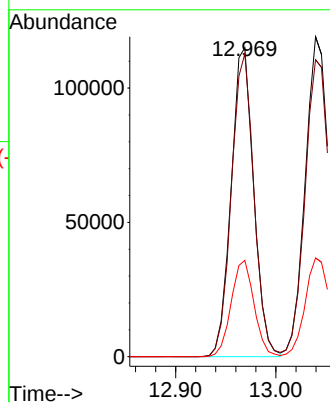
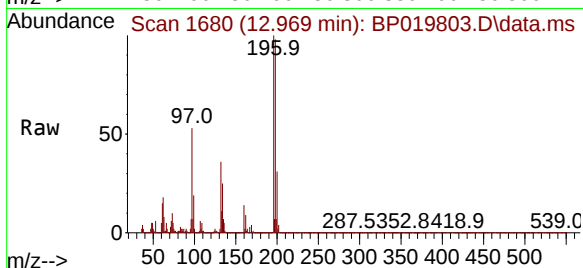
Tgt Ion:196 Resp: 180604

Ion Ratio Lower Upper

196 100

198 98.1 76.7 115.1

200 31.2 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 45.737 ng

RT: 13.040 min Scan# 1692

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Tgt Ion:196 Resp: 201214

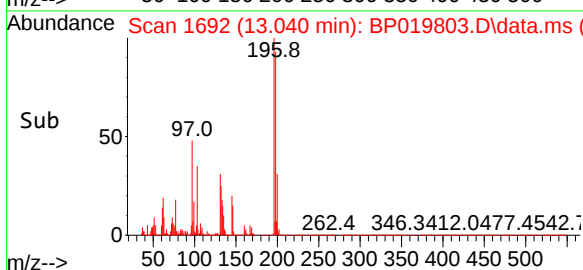
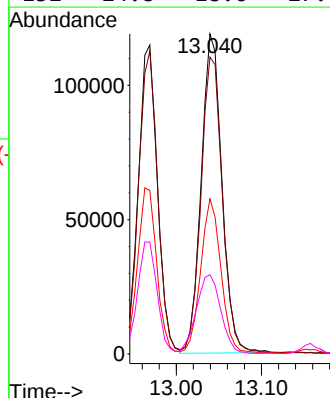
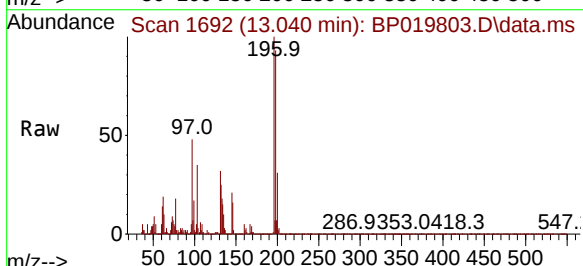
Ion Ratio Lower Upper

196 100

198 92.8 77.5 116.3

97 48.4 39.9 59.9

132 24.8 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 78.354 ng

RT: 13.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

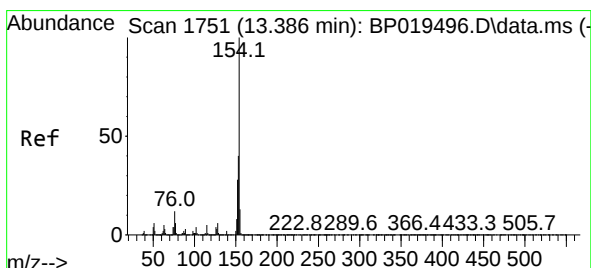
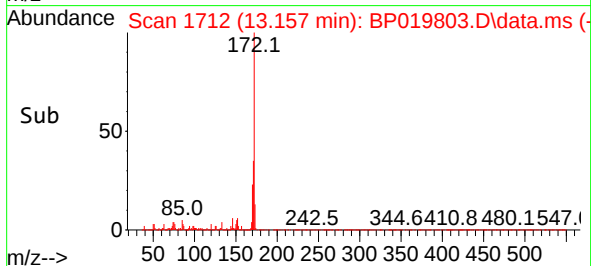
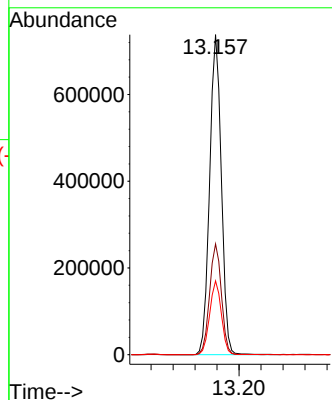
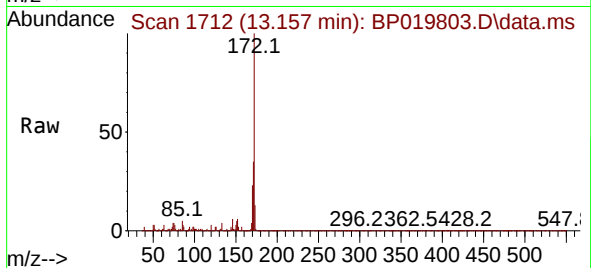
Tgt Ion:172 Resp: 1087390

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.353 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

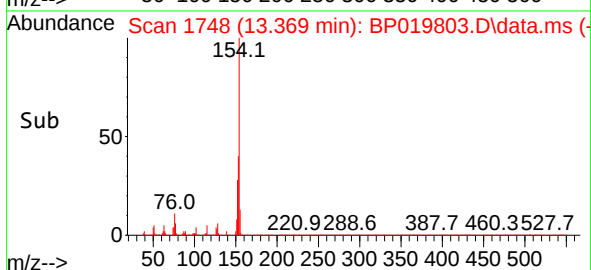
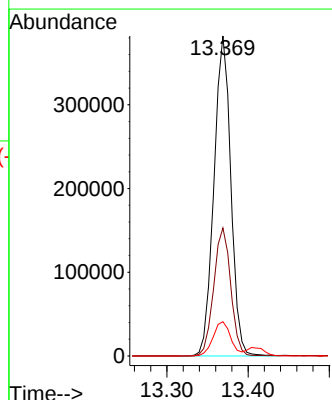
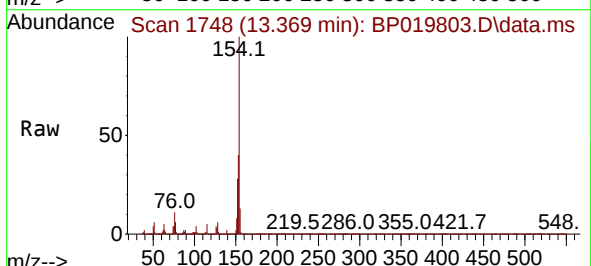
Tgt Ion:154 Resp: 552544

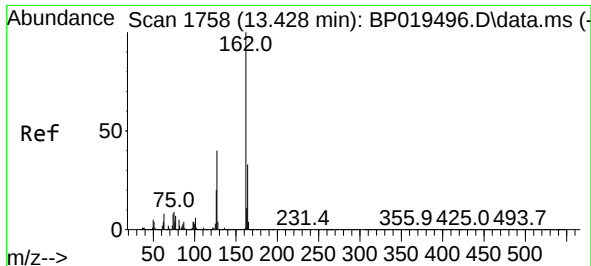
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

76 10.7 0.0 31.6

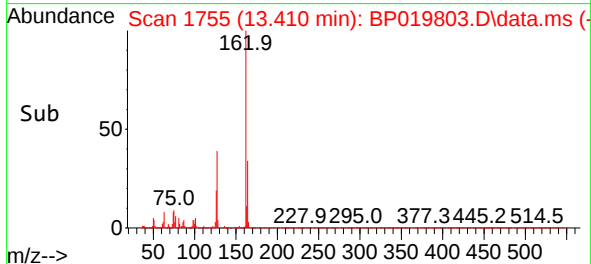
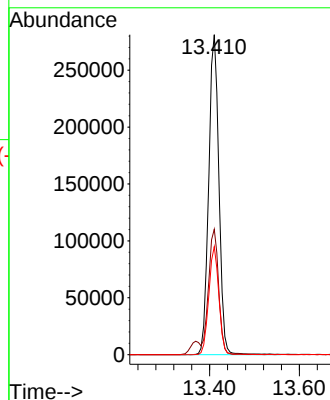
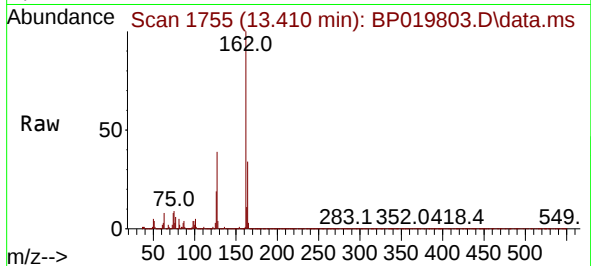




#47
2-Chloronaphthalene
Concen: 39.539 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

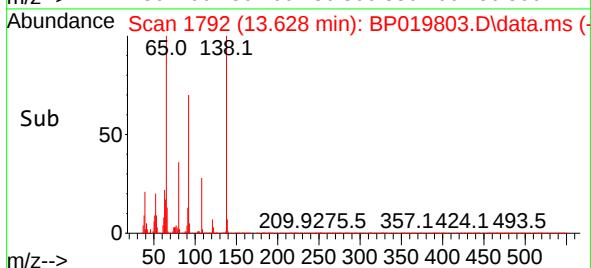
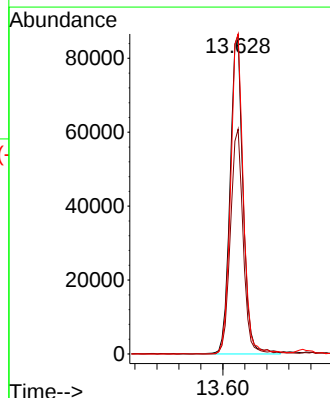
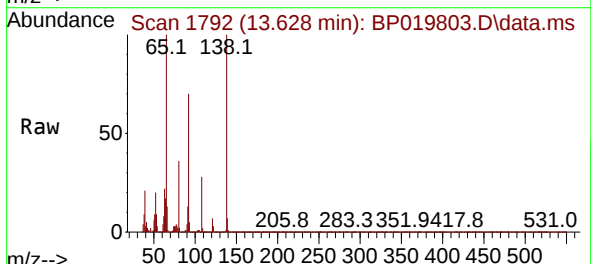
Instrument :
BNA_P
ClientSampleId :
PB159144BS

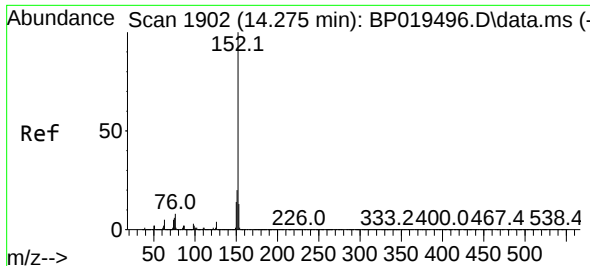
Tgt Ion:162 Resp: 444430
Ion Ratio Lower Upper
162 100
127 39.2 32.1 48.1
164 33.7 26.7 40.1



#48
2-Nitroaniline
Concen: 44.927 ng
RT: 13.628 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion: 65 Resp: 141207
Ion Ratio Lower Upper
65 100
92 70.5 54.7 82.1
138 100.3 77.8 116.6

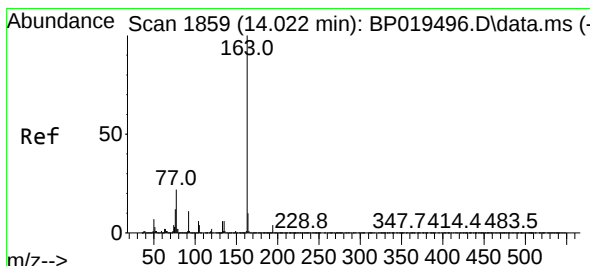
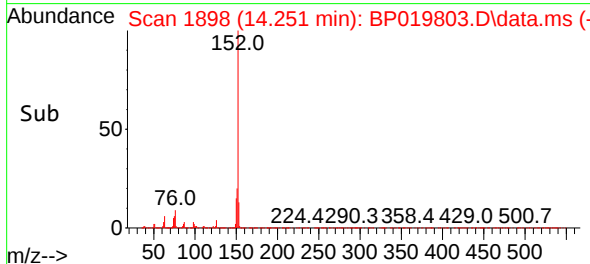
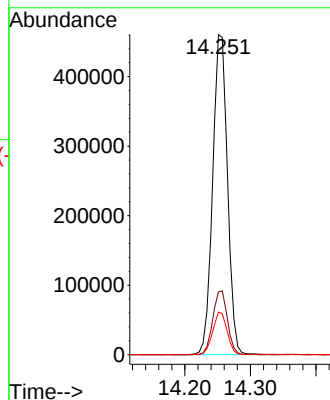
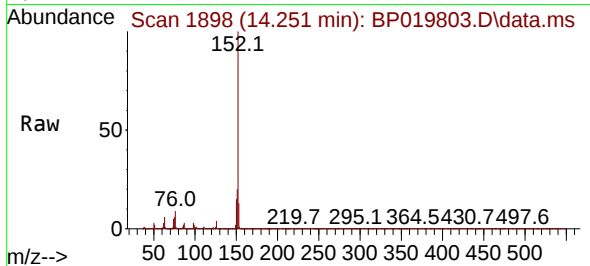




#49
Acenaphthylene
Concen: 45.732 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

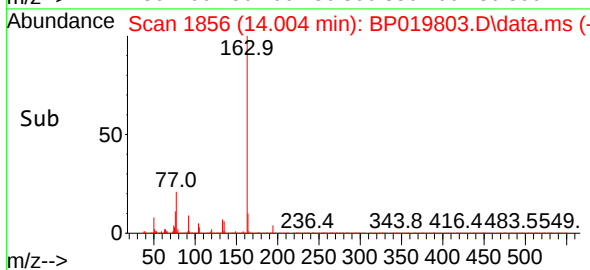
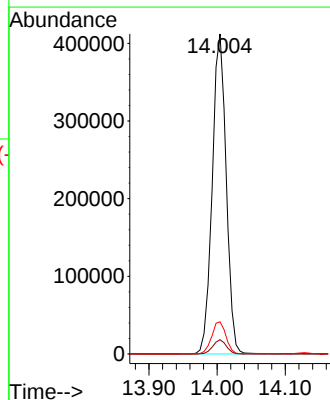
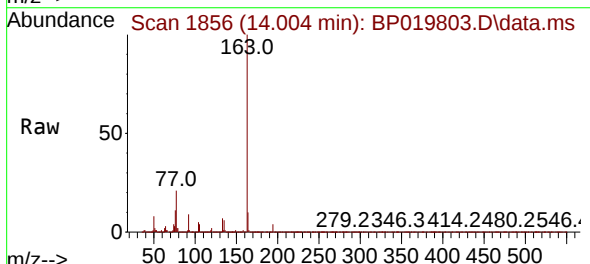
Instrument :
BNA_P
ClientSampleId :
PB159144BS

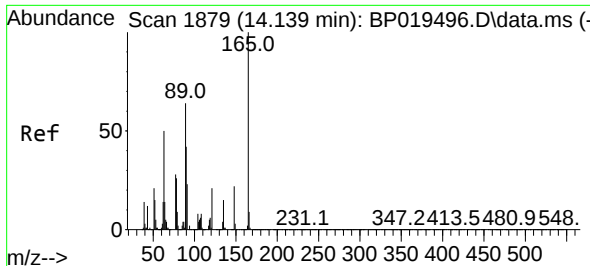
Tgt Ion:152 Resp: 721180
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 44.760 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:163 Resp: 587855
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 7.8 11.6

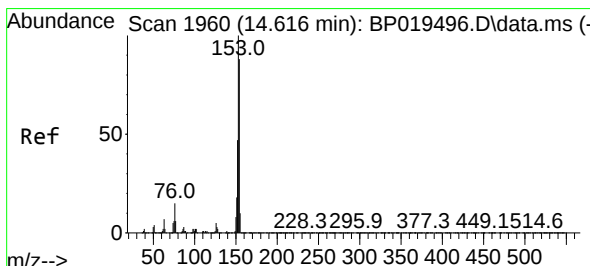
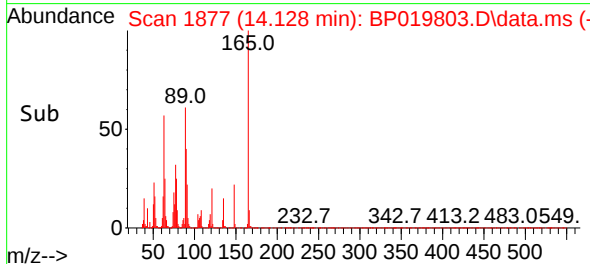
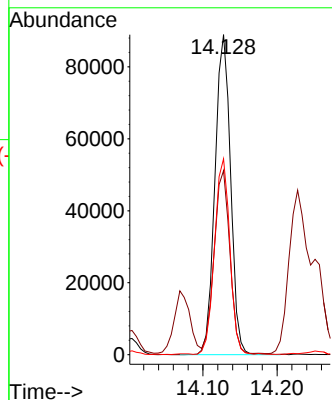
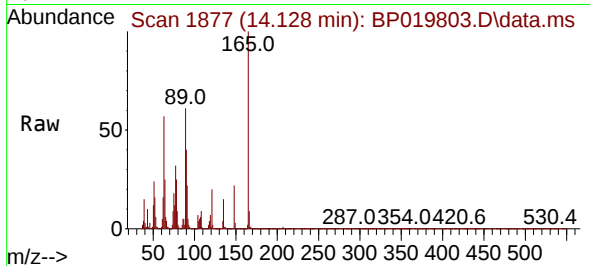




#51
2,6-Dinitrotoluene
Concen: 45.051 ng
RT: 14.128 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

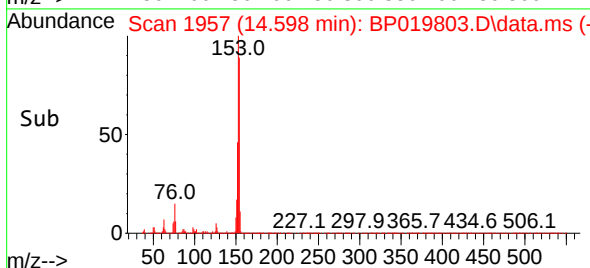
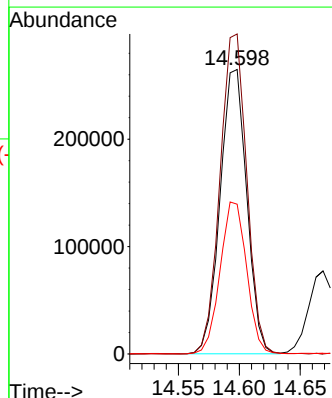
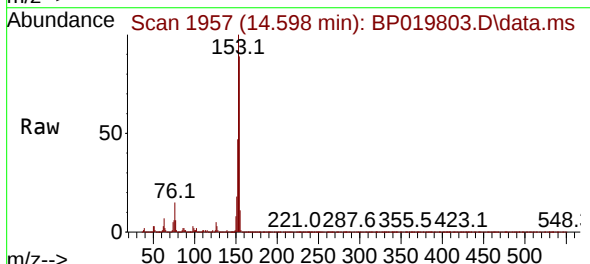
Instrument :
BNA_P
ClientSampleId :
PB159144BS

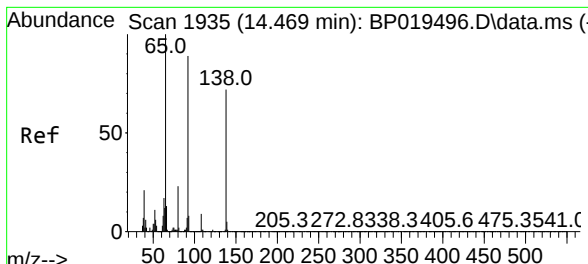
Tgt Ion:165 Resp: 129995
Ion Ratio Lower Upper
165 100
63 57.5 50.4 75.6
89 61.2 51.7 77.5



#52
Acenaphthene
Concen: 41.186 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:154 Resp: 403105
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 52.7 42.1 63.1

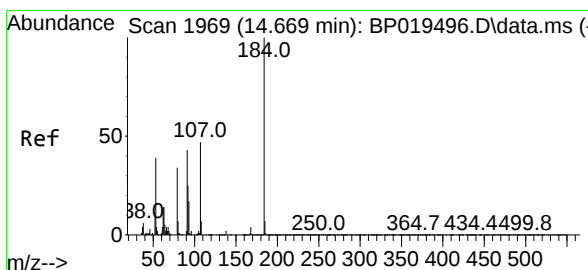
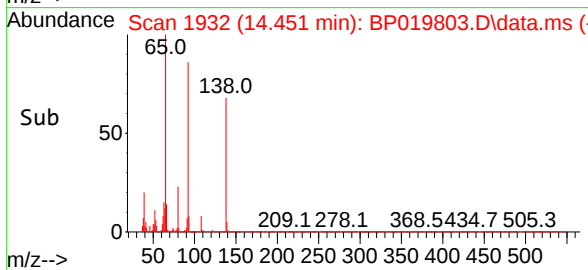
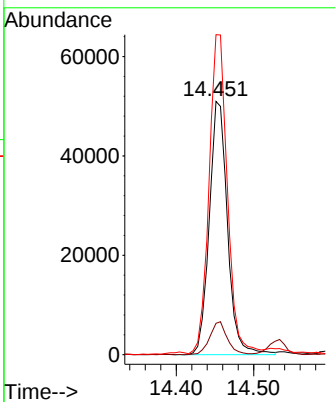
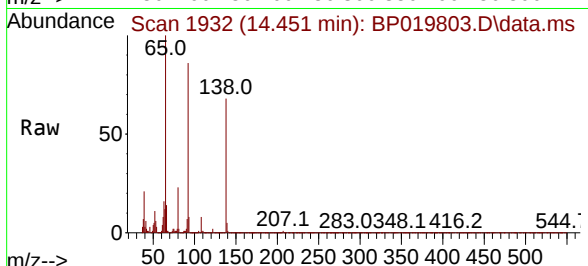




#53
3-Nitroaniline
Concen: 31.388 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

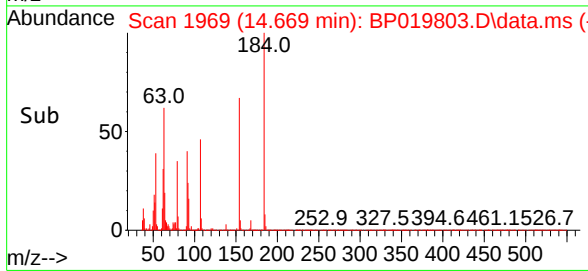
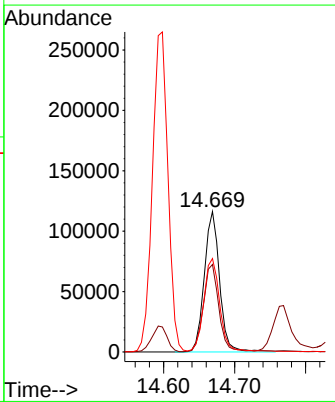
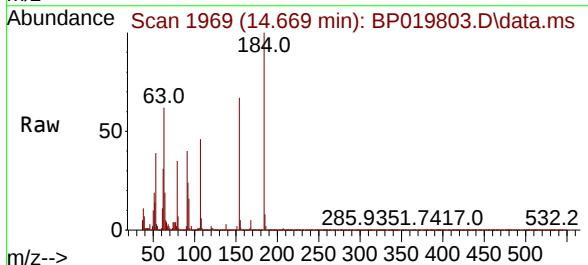
Instrument :
BNA_P
ClientSampleId :
PB159144BS

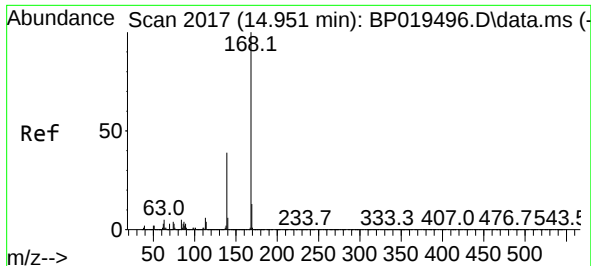
Tgt Ion:	138	Resp:	83236
Ion Ratio	Lower	Upper	
138	100		
108	12.4	9.7	14.5
92	126.3	98.0	147.0



#54
2,4-Dinitrophenol
Concen: 116.501 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:	184	Resp:	174542
Ion Ratio	Lower	Upper	
184	100		
63	62.3	50.5	75.7
154	66.5	53.4	80.0

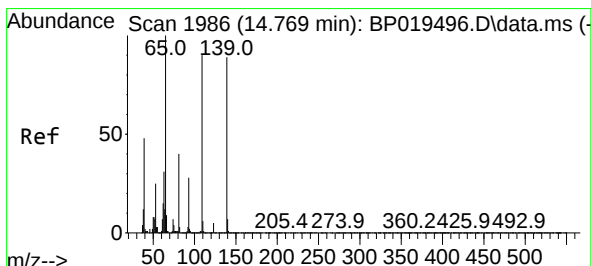
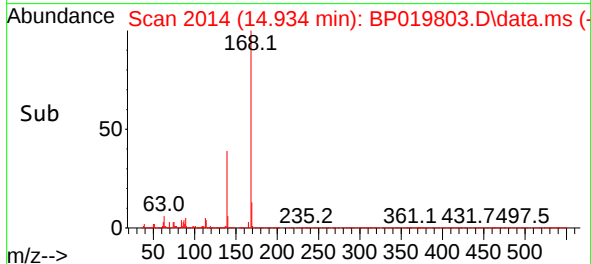
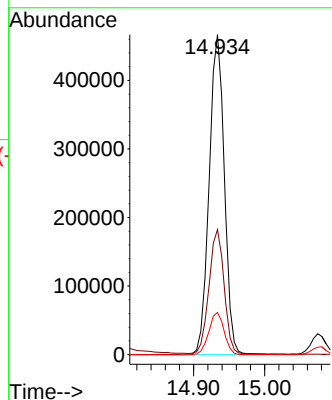
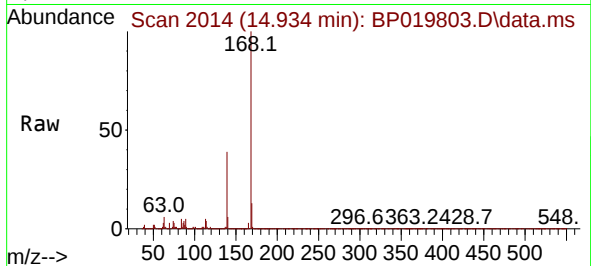




#55
Dibenzenofuran
Concen: 43.586 ng
RT: 14.934 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

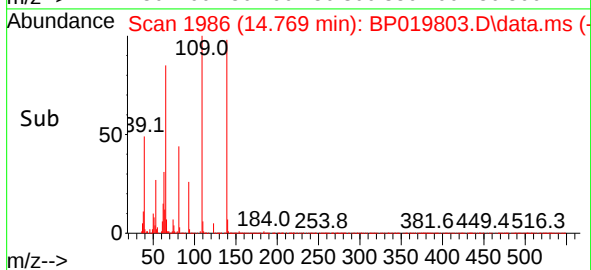
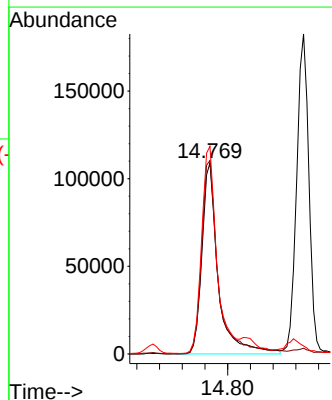
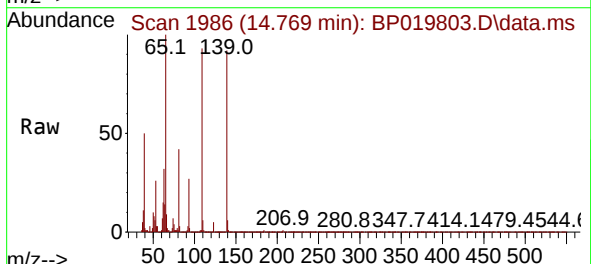
Instrument :
BNA_P
ClientSampleId :
PB159144BS

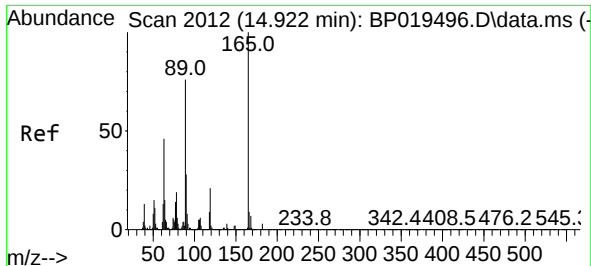
Tgt Ion:168 Resp: 694796
Ion Ratio Lower Upper
168 100
139 39.1 31.5 47.3
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 99.337 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:139 Resp: 215912
Ion Ratio Lower Upper
139 100
109 101.2 82.0 122.0
65 108.7 92.9 132.9

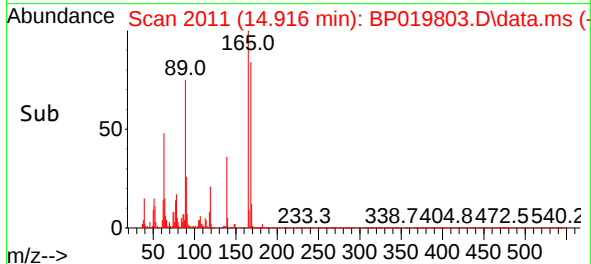
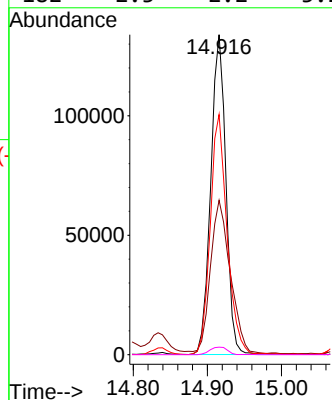
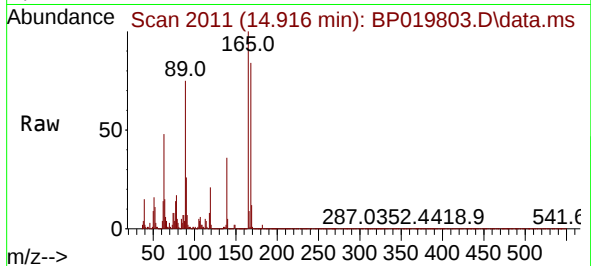




#57
2,4-Dinitrotoluene
Concen: 50.069 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

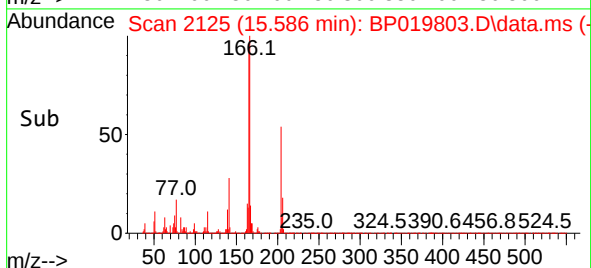
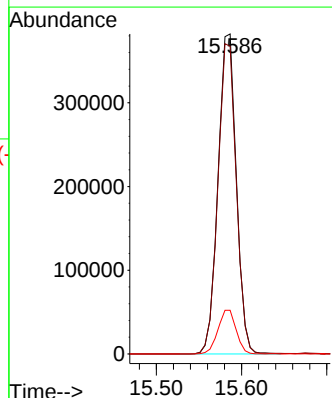
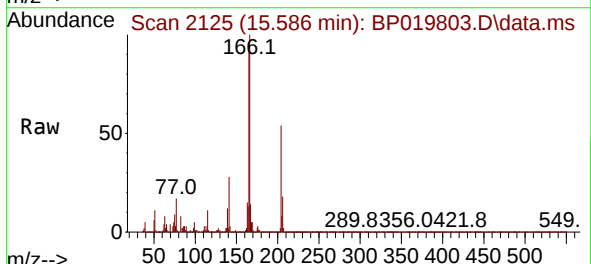
Instrument :
BNA_P
ClientSampleId :
PB159144BS

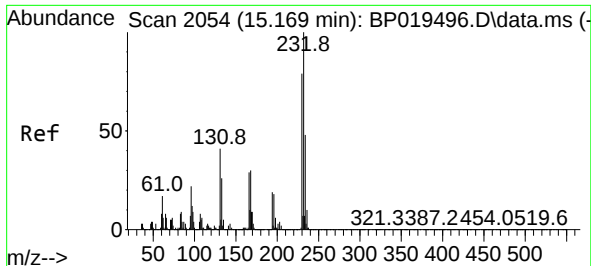
Tgt Ion:165 Resp: 189327
Ion Ratio Lower Upper
165 100
63 48.3 36.9 55.3
89 75.1 61.1 91.7
182 2.3 2.2 3.2



#58
Fluorene
Concen: 44.919 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:166 Resp: 570320
Ion Ratio Lower Upper
166 100
165 96.2 77.8 116.8
167 13.7 10.7 16.1

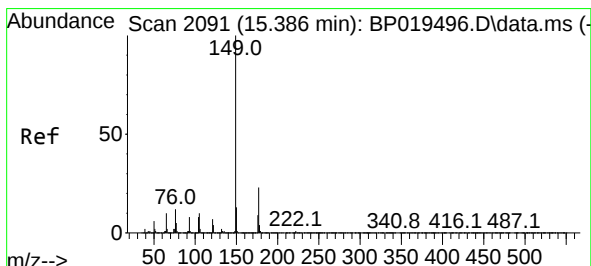
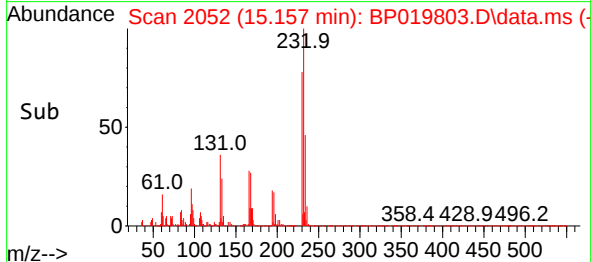
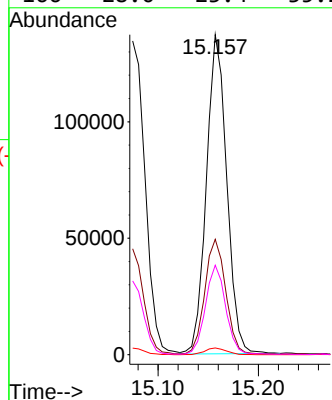
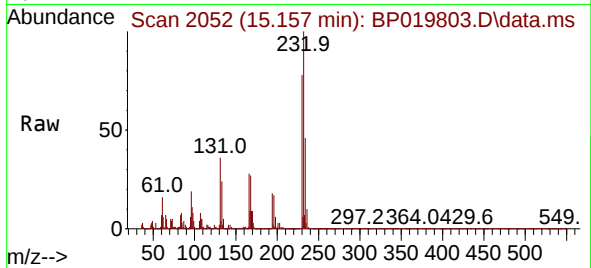




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.275 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

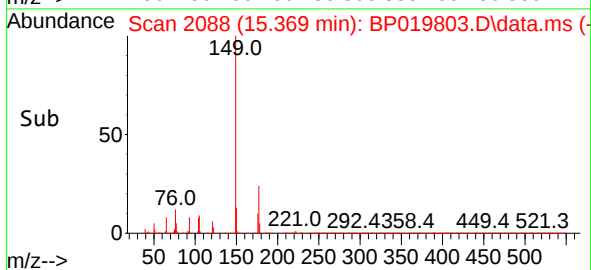
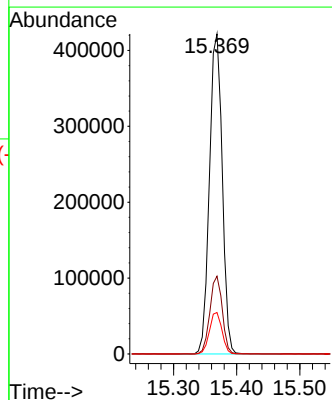
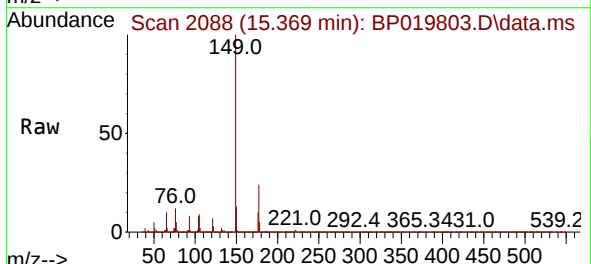
Instrument :
BNA_P
ClientSampleId :
PB159144BS

Tgt Ion:	232	Resp:	193443
Ion	Ratio	Lower	Upper
232	100		
131	37.2	32.4	48.6
130	2.3	1.9	2.9
166	28.0	23.4	35.2



#60
Diethylphthalate
Concen: 45.305 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:	149	Resp:	591833
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.2	27.2
150	13.0	10.2	15.4

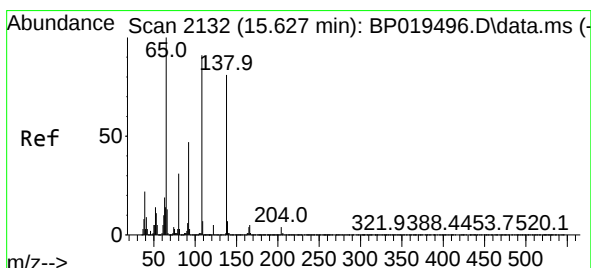
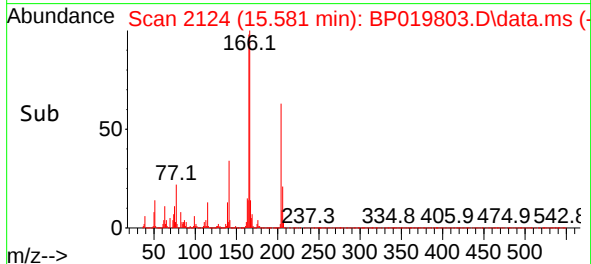
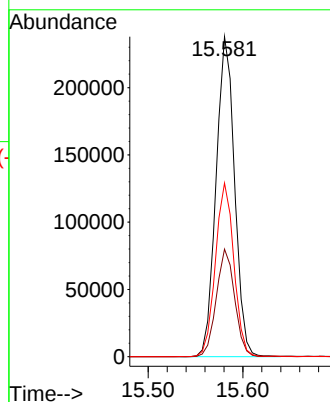
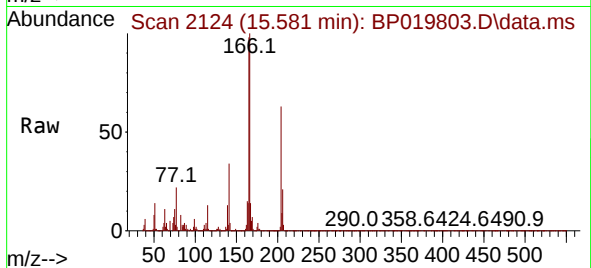




#61
4-Chlorophenyl-phenylether
Concen: 45.305 ng
RT: 15.581 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

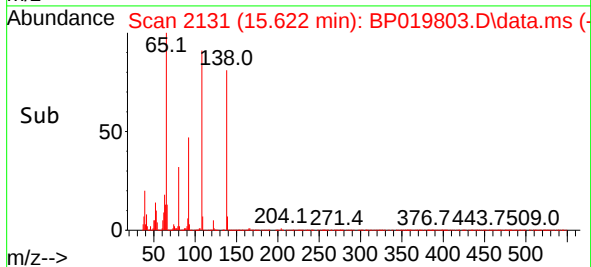
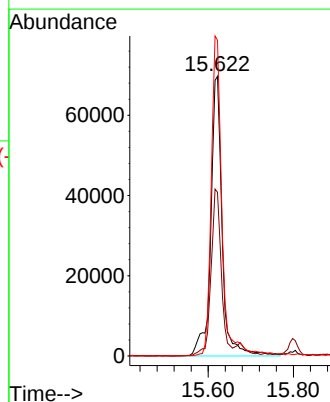
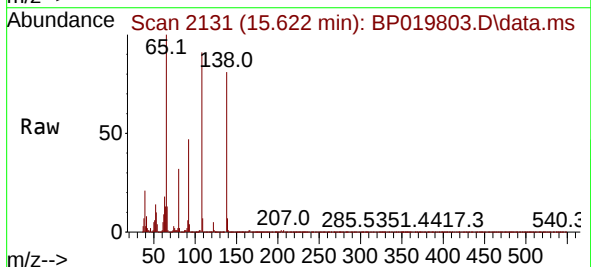
Instrument :
BNA_P
ClientSampleId :
PB159144BS

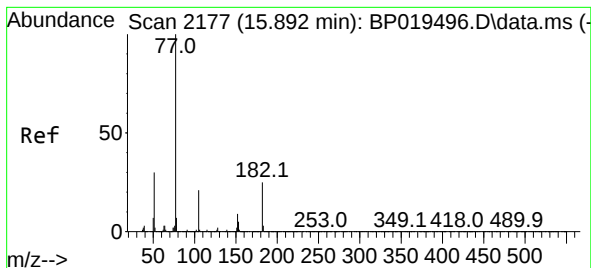
Tgt Ion:204 Resp: 323305
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 54.3 48.5 72.7



#62
4-Nitroaniline
Concen: 46.610 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:138 Resp: 129556
Ion Ratio Lower Upper
138 100
92 58.5 38.3 78.3
108 112.8 91.2 131.2





#63

Azobenzene

Concen: 43.144 ng

RT: 15.875 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

Tgt Ion: 77 Resp: 545012

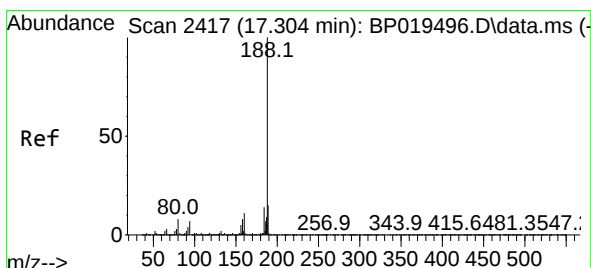
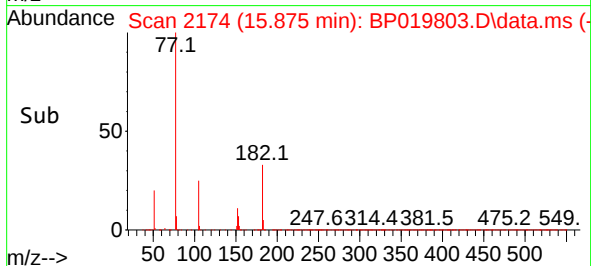
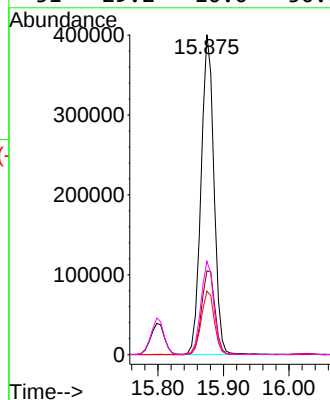
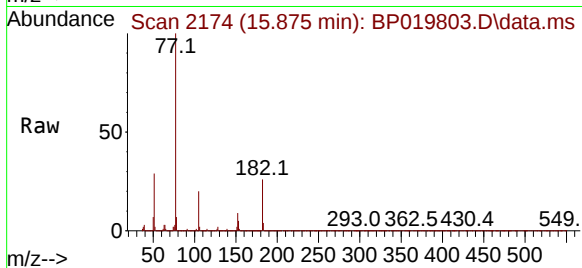
Ion Ratio Lower Upper

77 100

182 26.2 5.1 45.1

105 19.8 0.8 40.8

51 29.2 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: BP019803.D

Acq: 21 Feb 2024 12:17

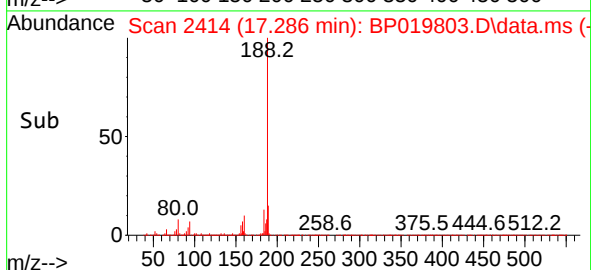
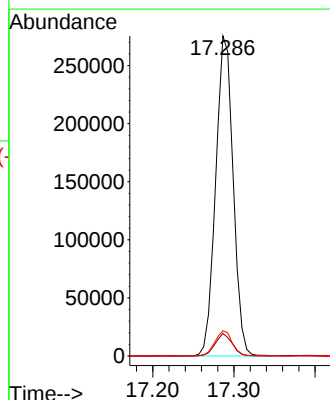
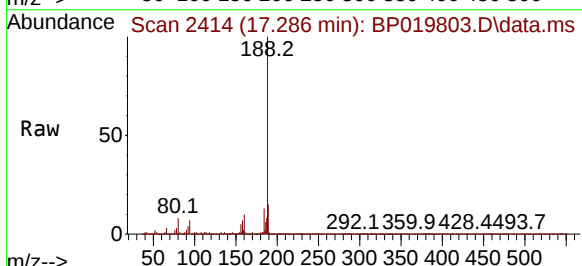
Tgt Ion: 188 Resp: 412244

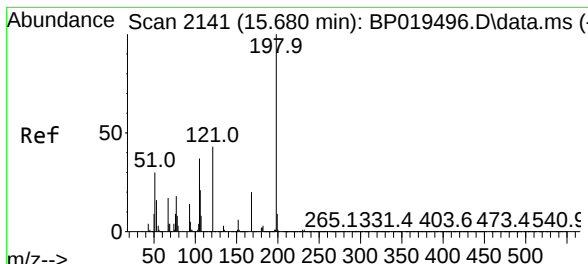
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 7.8 6.3 9.5

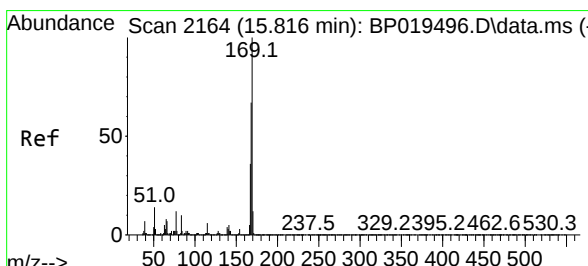
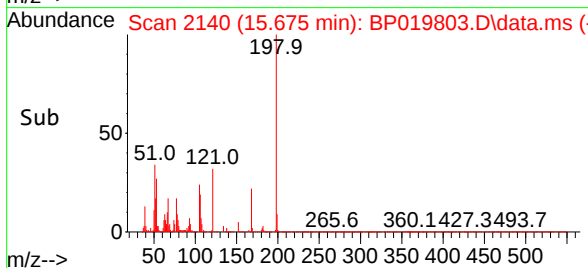
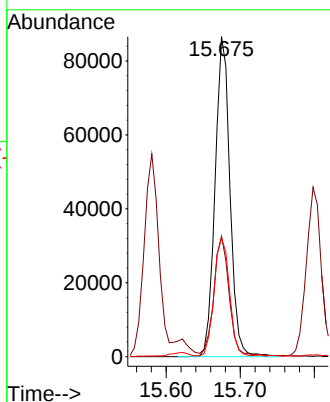
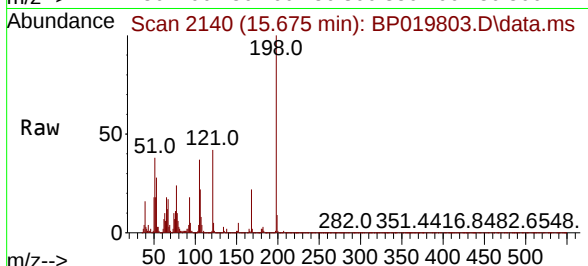




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.514 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019803.D
 Acq: 21 Feb 2024 12:17

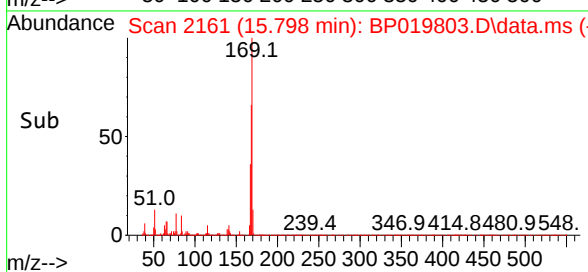
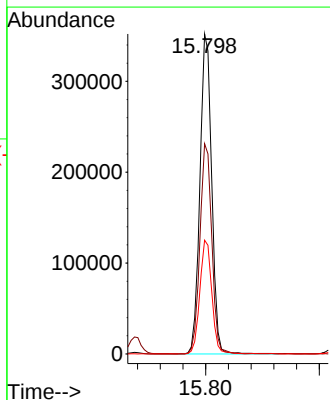
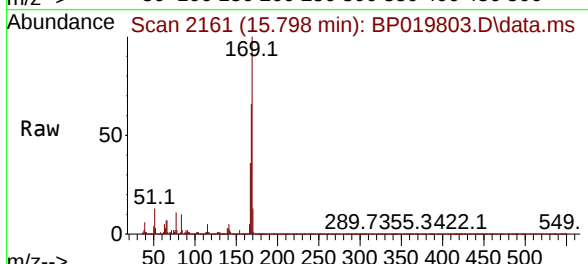
Instrument :
 BNA_P
 ClientSampleId :
 PB159144BS

Tgt Ion:	198	Resp:	121092
Ion	Ratio	Lower	Upper
198	100		
51	37.7	21.2	61.2
105	37.1	19.1	59.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.874 ng
 RT: 15.798 min Scan# 2161
 Delta R.T. -0.006 min
 Lab File: BP019803.D
 Acq: 21 Feb 2024 12:17

Tgt Ion:	169	Resp:	504640
Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.4	80.2
167	35.6	28.9	43.3

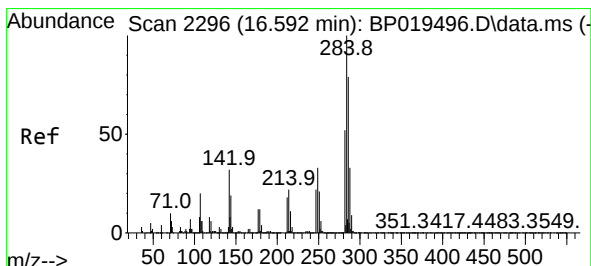
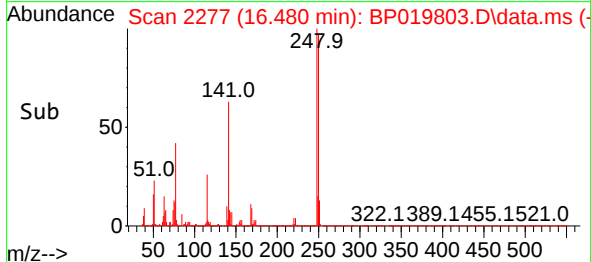
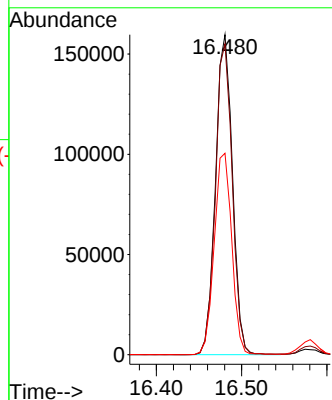
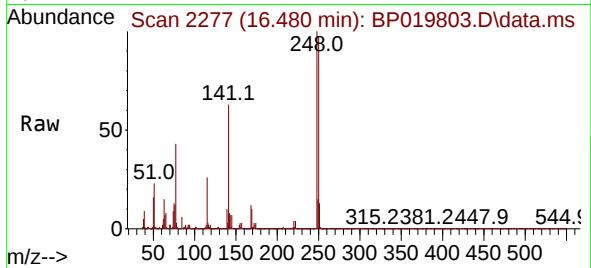




#67
4-Bromophenyl-phenylether
Concen: 42.848 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

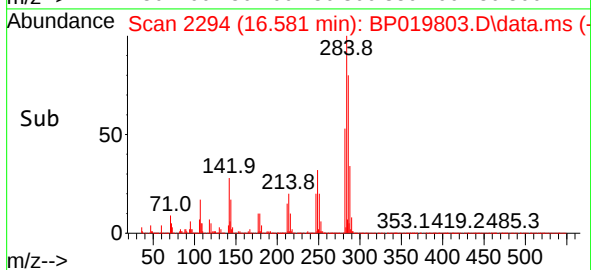
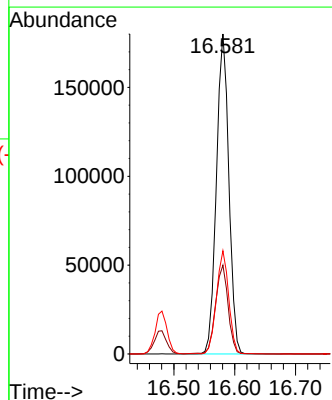
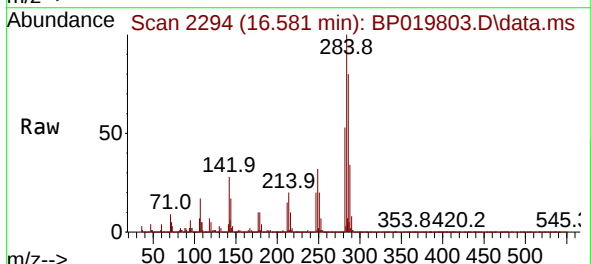
Instrument :
BNA_P
ClientSampleId :
PB159144BS

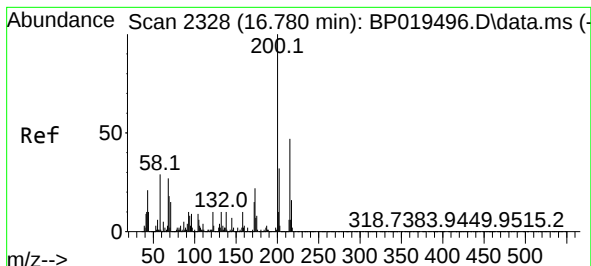
Tgt Ion:248 Resp: 220822
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 62.9 58.0 87.0



#68
Hexachlorobenzene
Concen: 42.465 ng
RT: 16.581 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:284 Resp: 255564
Ion Ratio Lower Upper
284 100
142 27.7 25.4 38.2
249 32.2 26.5 39.7





#69

Atrazine

Concen: 48.308 ng

RT: 16.763 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

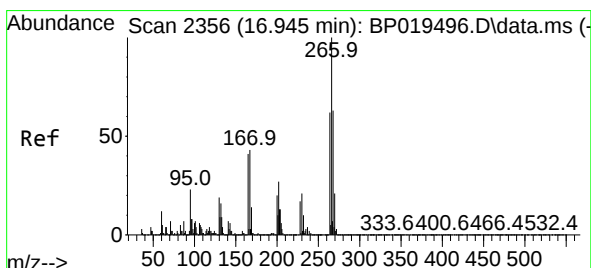
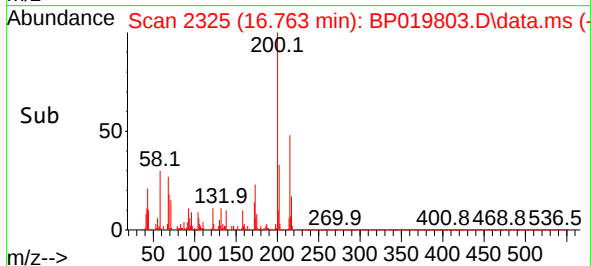
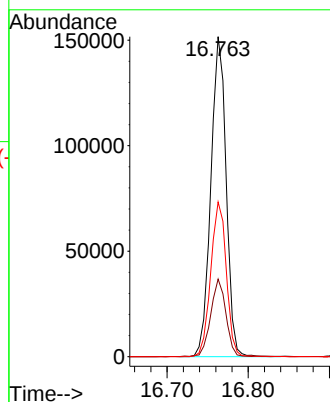
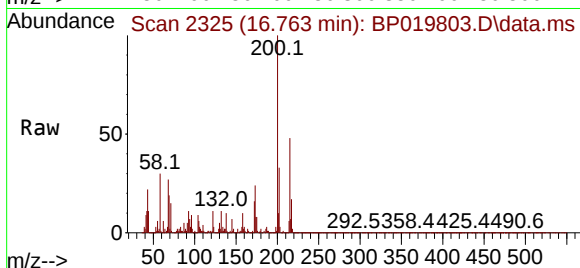
Tgt Ion:200 Resp: 197915

Ion Ratio Lower Upper

200 100

173 24.3 1.7 41.7

215 48.4 26.9 66.9



#70

Pentachlorophenol

Concen: 96.769 ng

RT: 16.933 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

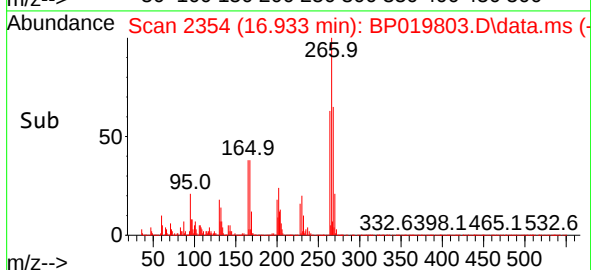
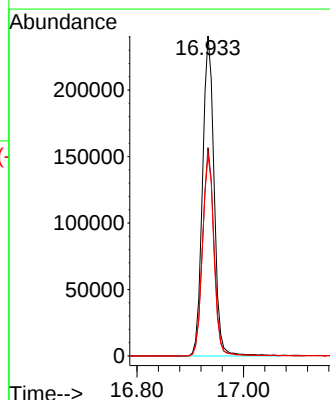
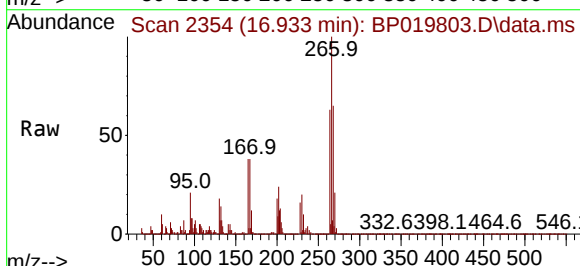
Tgt Ion:266 Resp: 362669

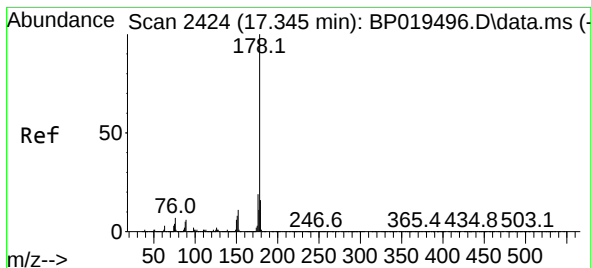
Ion Ratio Lower Upper

266 100

268 65.1 50.3 75.5

264 62.7 49.7 74.5





#71

Phenanthrene

Concen: 43.278 ng

RT: 17.333 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

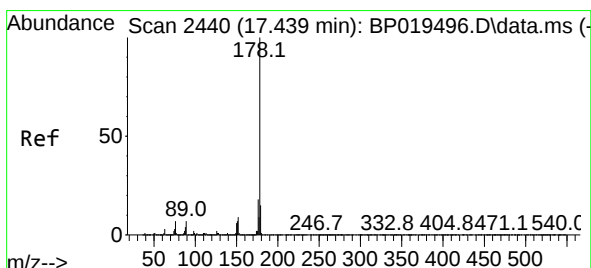
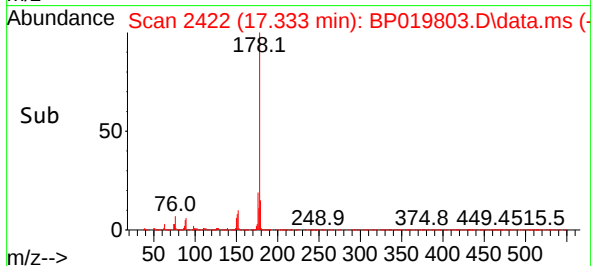
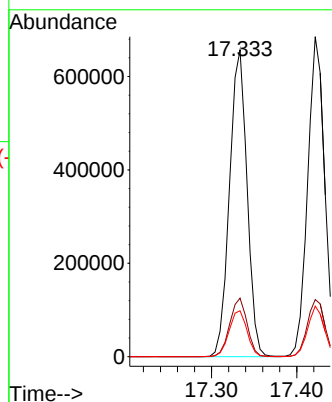
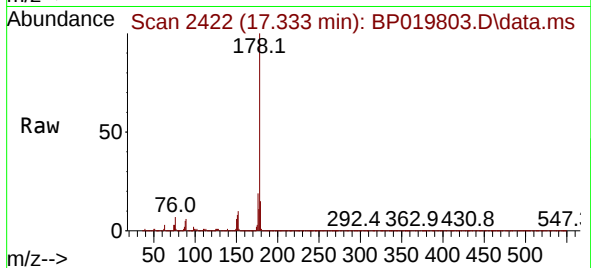
Tgt Ion:178 Resp: 938926

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.0 12.6 19.0



#72

Anthracene

Concen: 43.922 ng

RT: 17.422 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

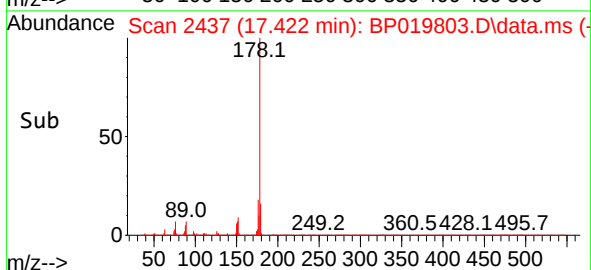
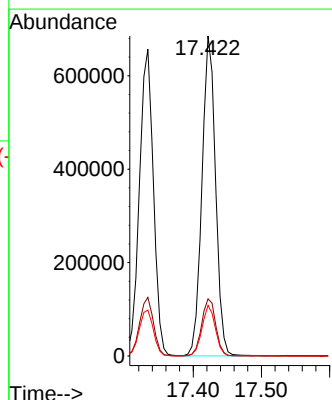
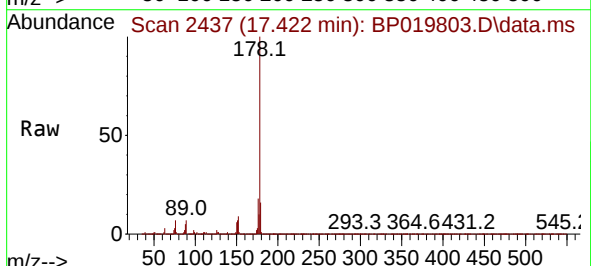
Tgt Ion:178 Resp: 950563

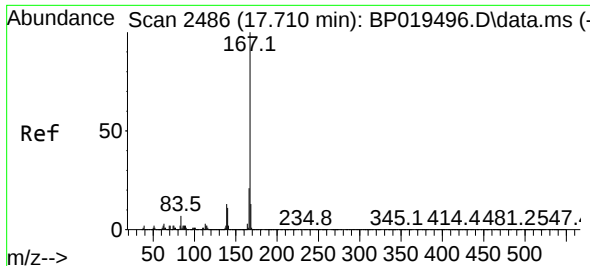
Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

179 15.8 12.2 18.2

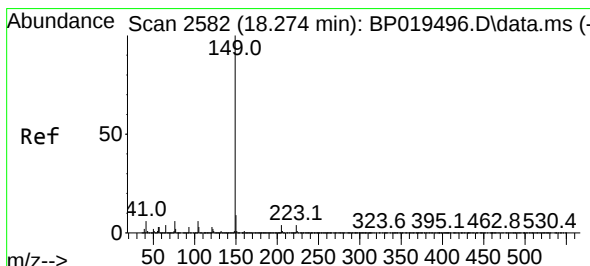
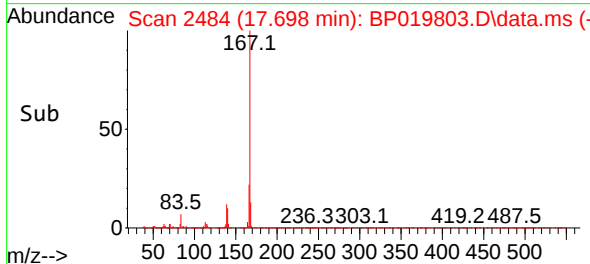
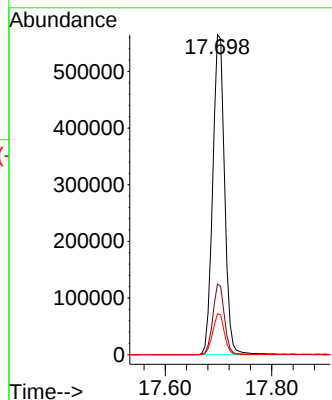
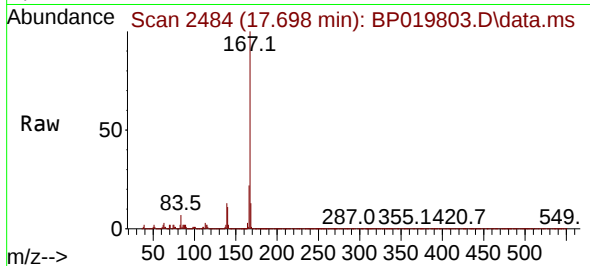




#73
 Carbazole
 Concen: 44.394 ng
 RT: 17.698 min Scan# 2486
 Delta R.T. -0.012 min
 Lab File: BP019803.D
 Acq: 21 Feb 2024 12:17

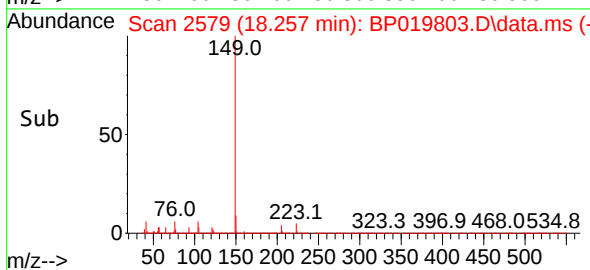
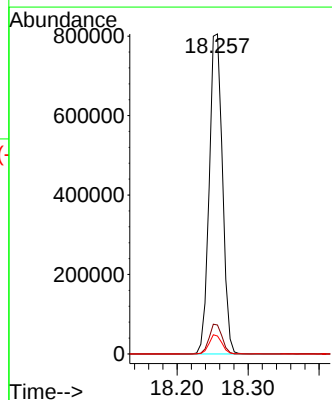
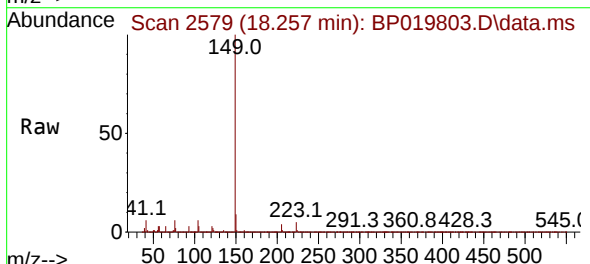
Instrument :
 BNA_P
 ClientSampleId :
 PB159144BS

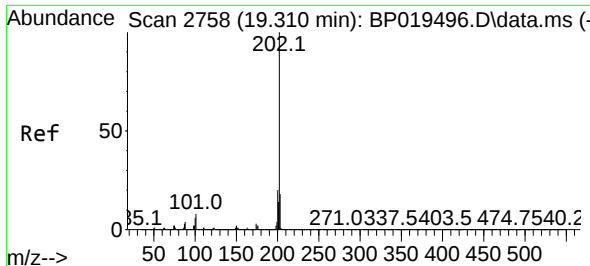
Tgt Ion:167 Resp: 872822
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 12.8 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 43.765 ng
 RT: 18.257 min Scan# 2579
 Delta R.T. -0.006 min
 Lab File: BP019803.D
 Acq: 21 Feb 2024 12:17

Tgt Ion:149 Resp: 1040390
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.6 4.8 7.2

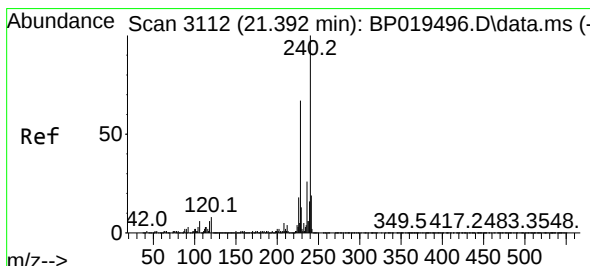
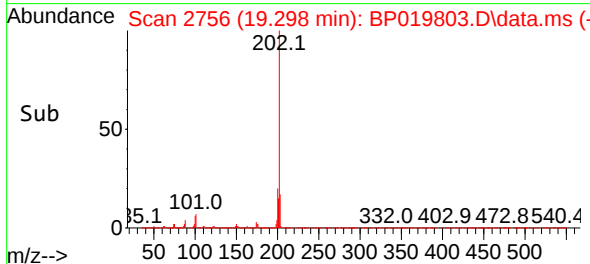
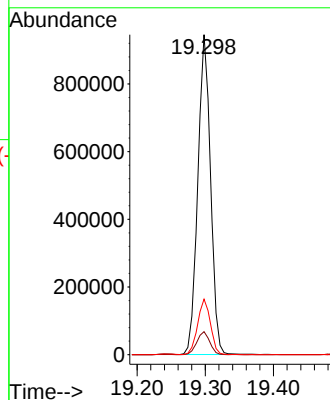
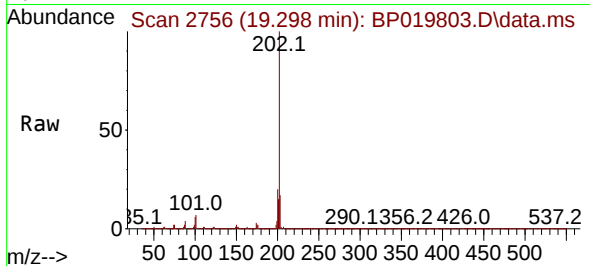




#75
Fluoranthene
Concen: 46.187 ng
RT: 19.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

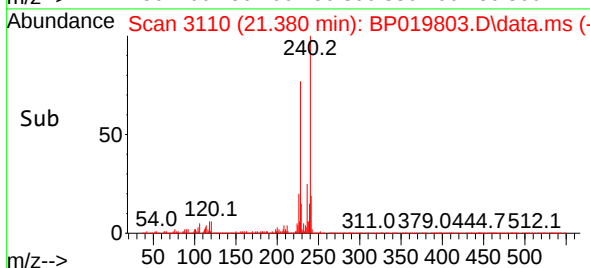
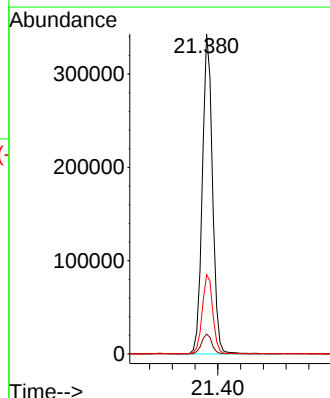
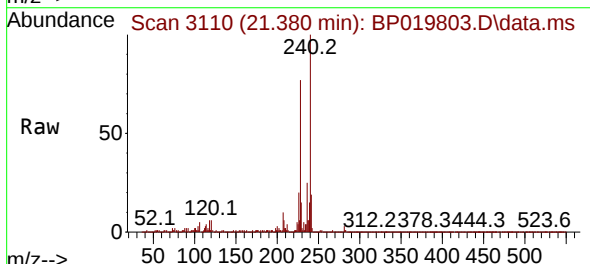
Instrument :
BNA_P
ClientSampleId :
PB159144BS

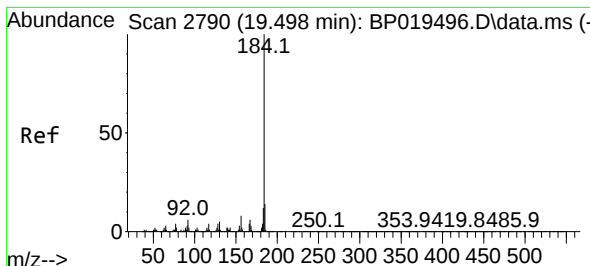
Tgt Ion:202 Resp: 1224094
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.7
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:240 Resp: 426655
Ion Ratio Lower Upper
240 100
120 6.2 6.1 9.1
236 24.8 20.7 31.1





#77

Benzidine

Concen: 44.805 ng

RT: 19.486 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

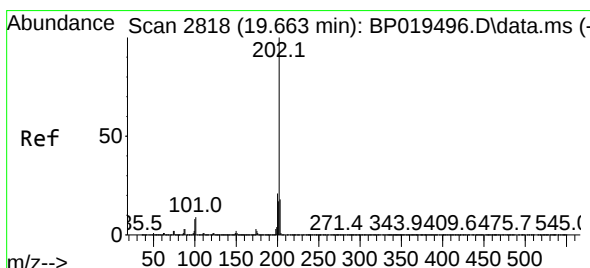
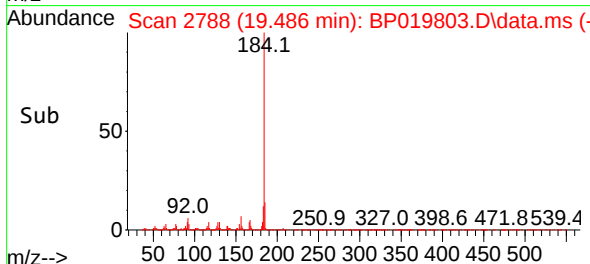
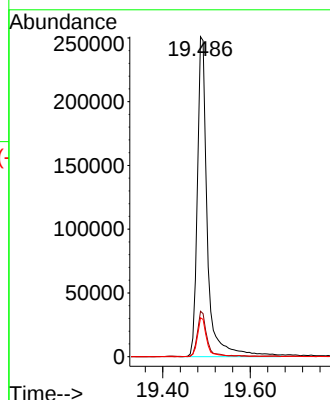
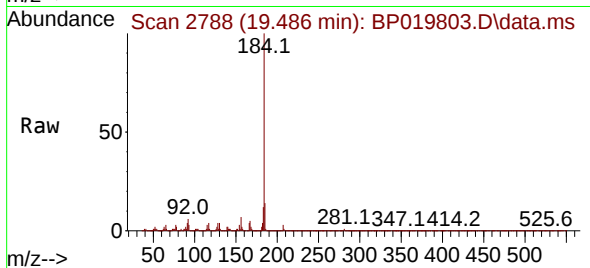
Tgt Ion:184 Resp: 399662

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 12.1 9.7 14.5



#78

Pyrene

Concen: 42.177 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

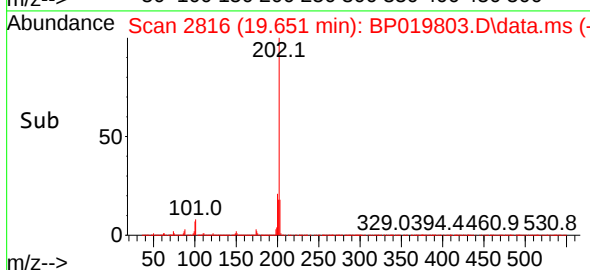
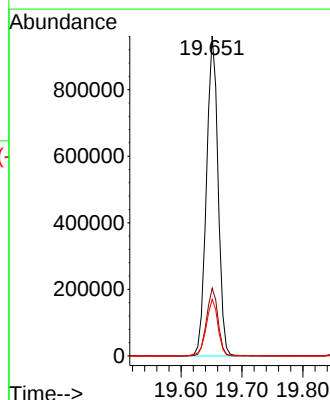
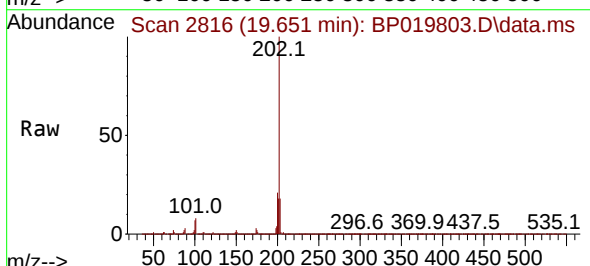
Tgt Ion:202 Resp: 1270025

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 85.729 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

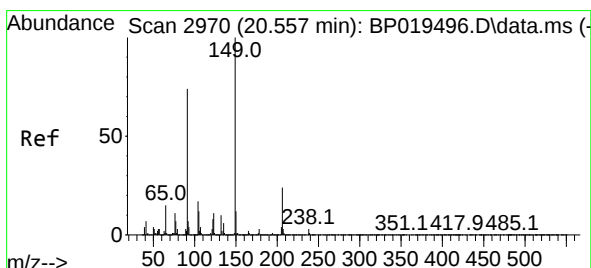
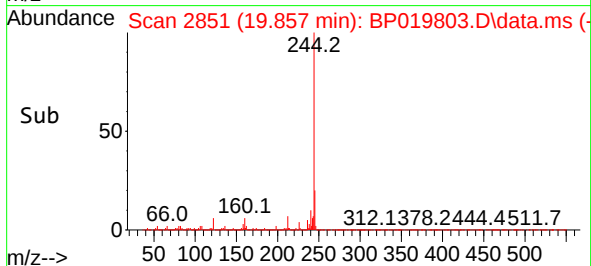
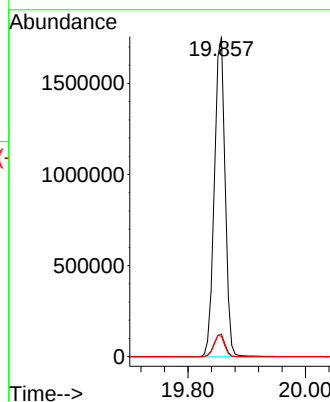
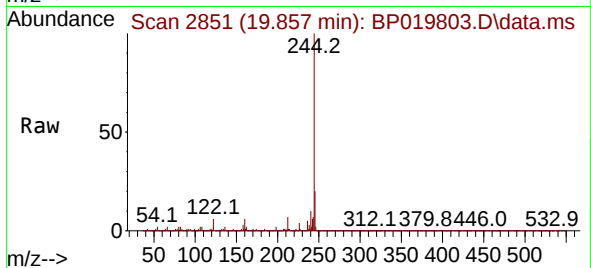
Tgt Ion:244 Resp: 2224133

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 6.3 5.9 8.9



#80

Butylbenzylphthalate

Concen: 43.141 ng

RT: 20.539 min Scan# 2967

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

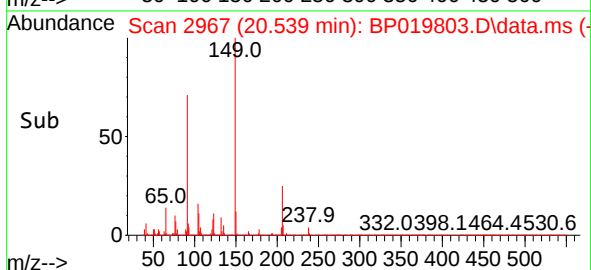
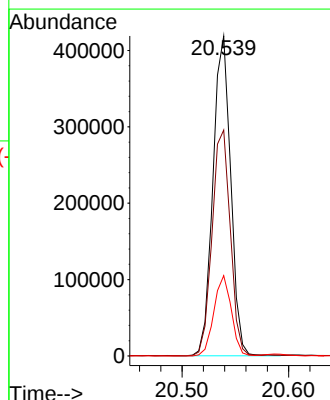
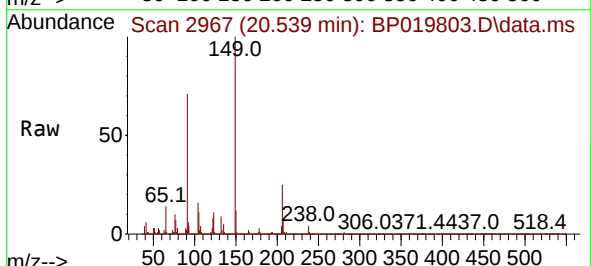
Tgt Ion:149 Resp: 485121

Ion Ratio Lower Upper

149 100

91 70.6 59.4 89.0

206 25.1 19.0 28.6

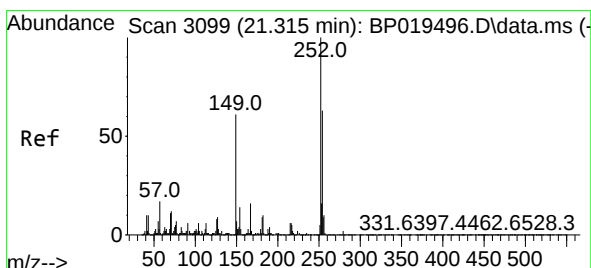
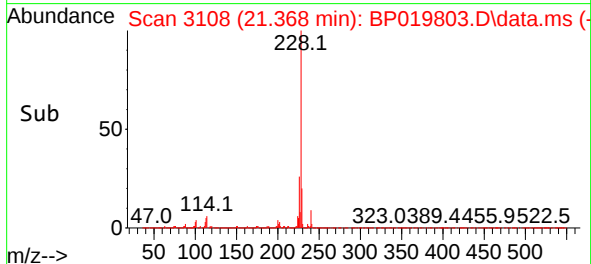
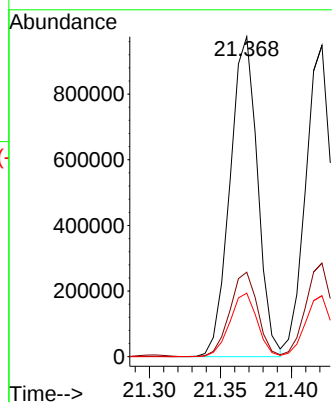
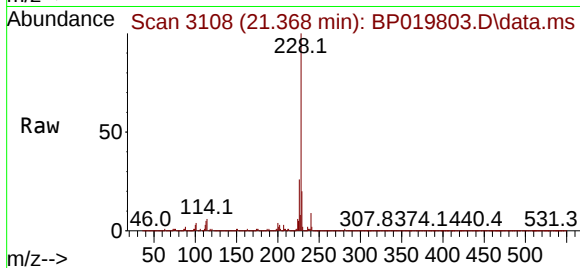




#81
Benzo(a)anthracene
Concen: 43.878 ng
RT: 21.368 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

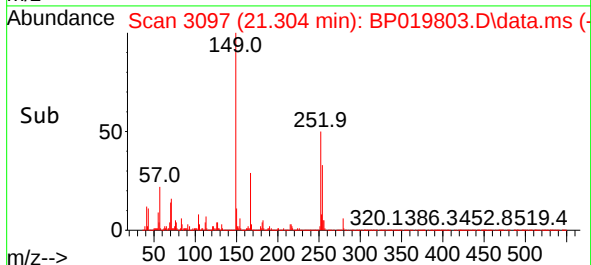
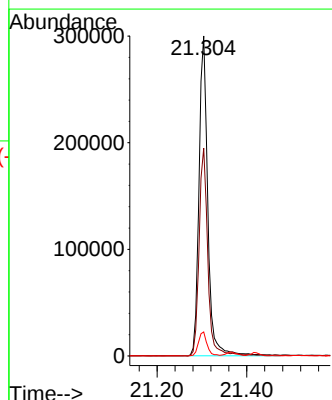
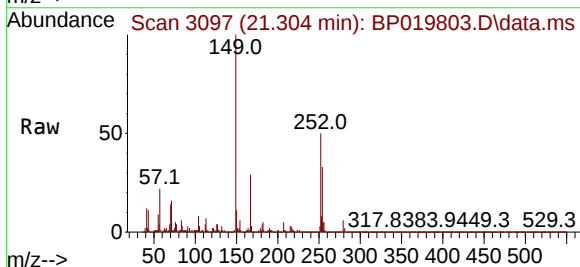
Instrument :
BNA_P
ClientSampleId :
PB159144BS

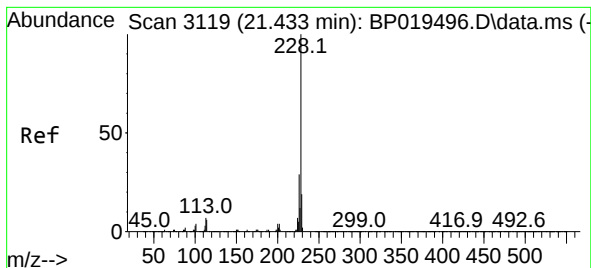
Tgt Ion:228 Resp: 1317812
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 37.446 ng
RT: 21.304 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:252 Resp: 409814
Ion Ratio Lower Upper
252 100
254 65.0 50.7 76.1
126 7.5 6.4 9.6





#83

Chrysene

Concen: 43.235 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

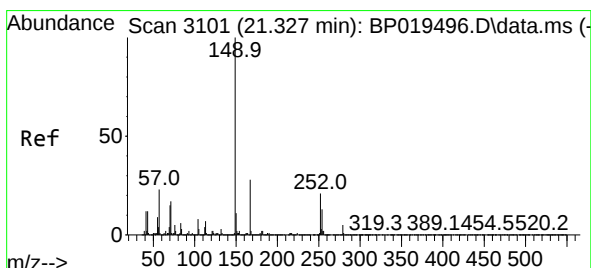
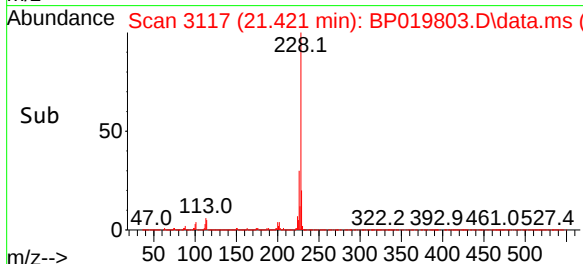
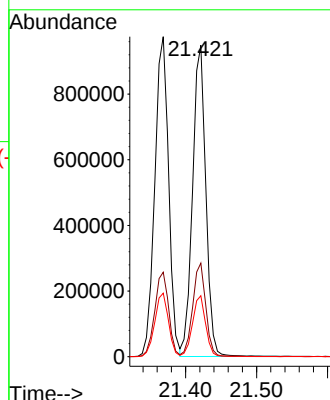
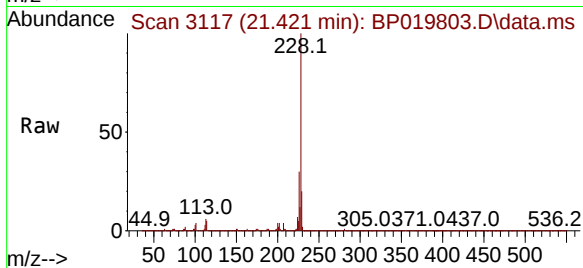
Tgt Ion:228 Resp: 1232800

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.306 ng

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

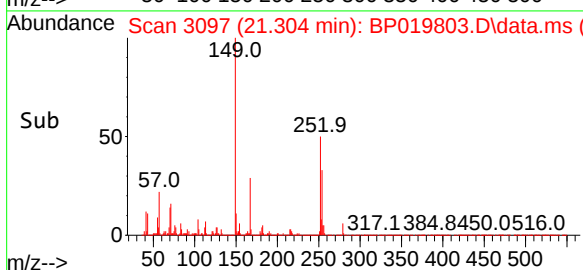
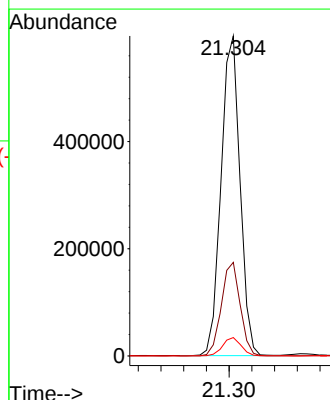
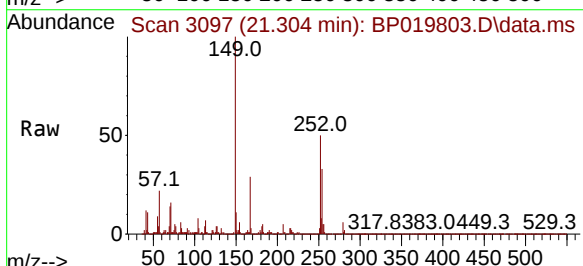
Tgt Ion:149 Resp: 690179

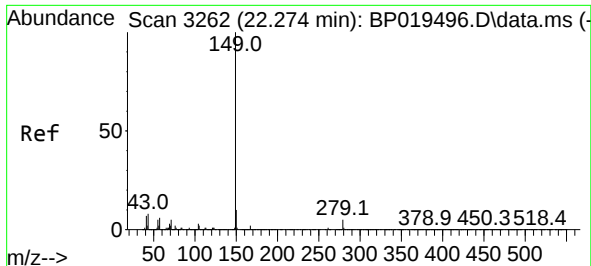
Ion Ratio Lower Upper

149 100

167 29.3 22.7 34.1

279 5.8 4.2 6.2

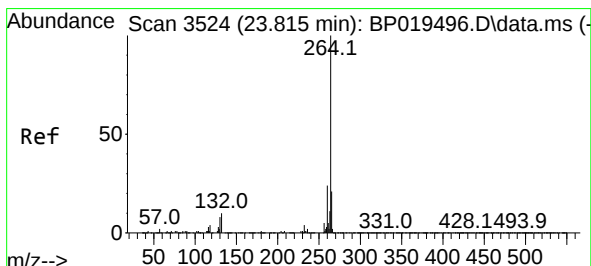
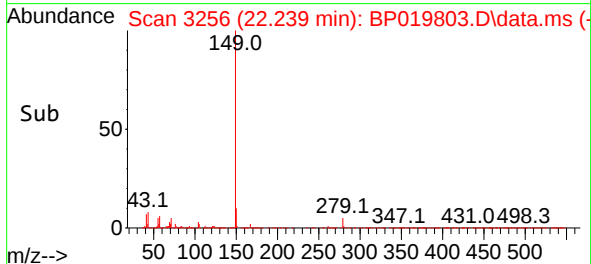
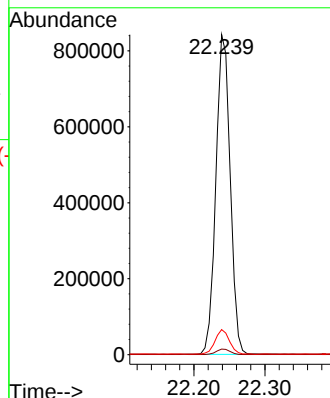
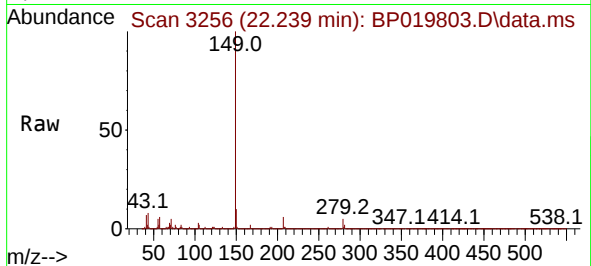




#85
Di-n-octyl phthalate
Concen: 38.961 ng
RT: 22.239 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

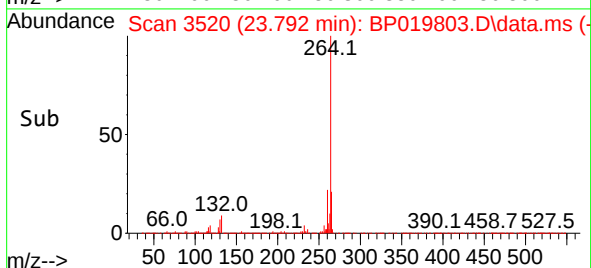
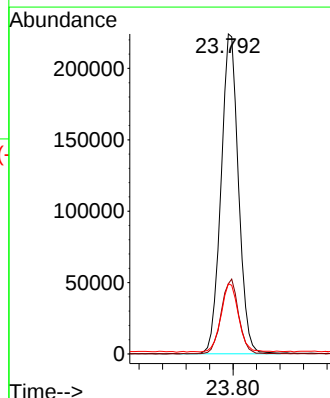
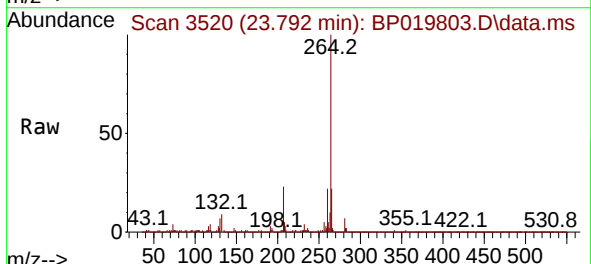
Instrument :
BNA_P
ClientSampleId :
PB159144BS

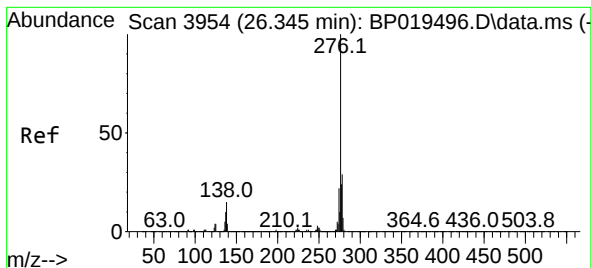
Tgt Ion:149 Resp: 1173794
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.7 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:264 Resp: 461962
Ion Ratio Lower Upper
264 100
260 21.9 19.2 28.8
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.166 ng

RT: 26.333 min Scan# 3952

Delta R.T. -0.012 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

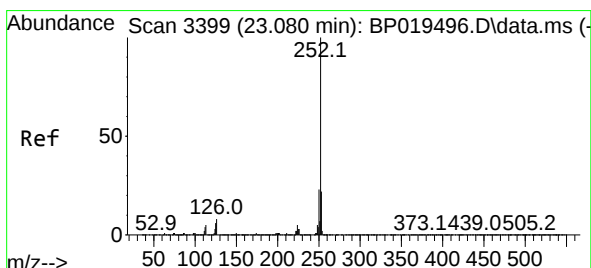
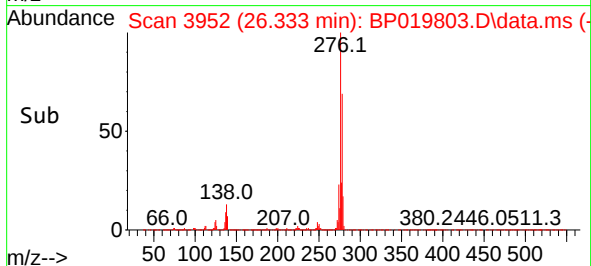
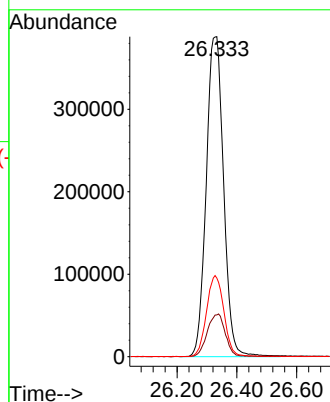
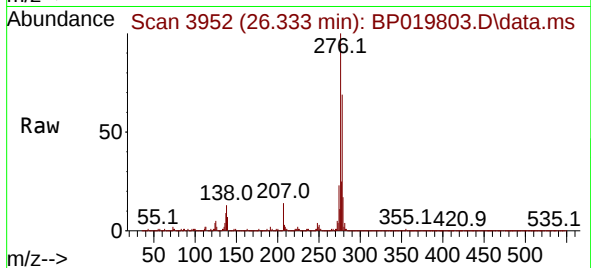
Tgt Ion:276 Resp: 1561793

Ion Ratio Lower Upper

276 100

138 13.8 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.514 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.012 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

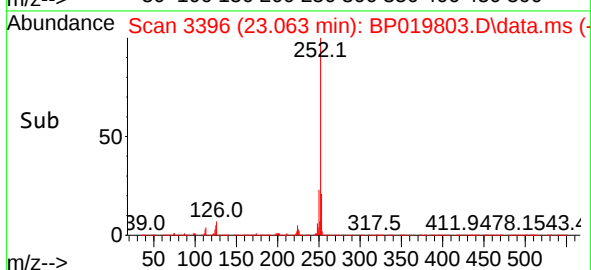
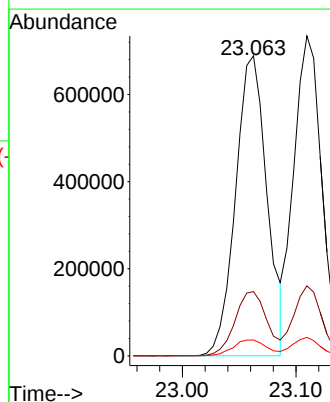
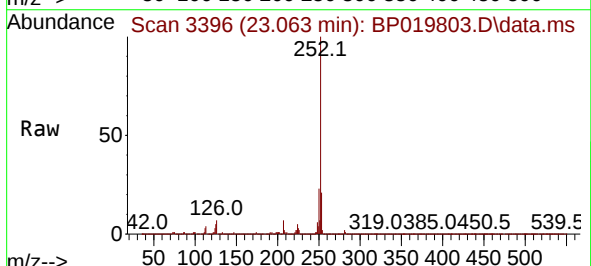
Tgt Ion:252 Resp: 1325159

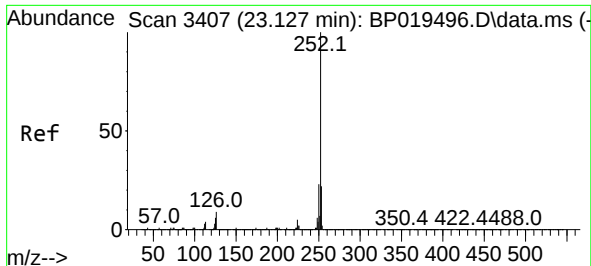
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 5.3 4.9 7.3

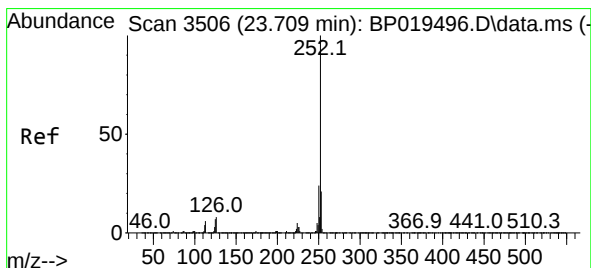
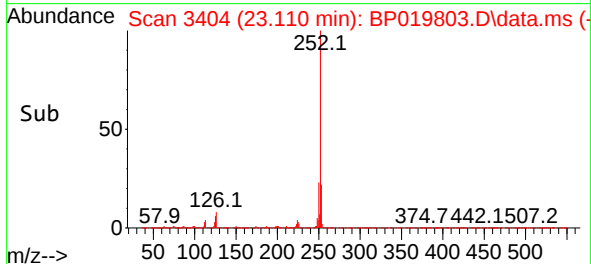
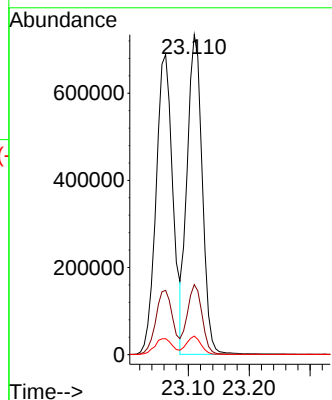
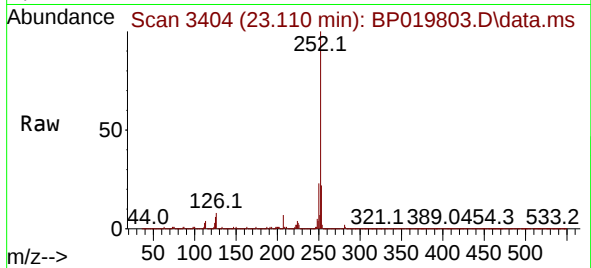




#89
Benzo(k)fluoranthene
Concen: 45.274 ng
RT: 23.110 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

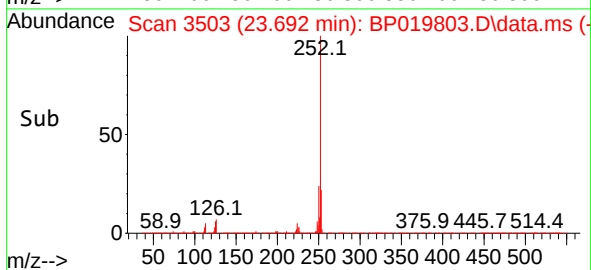
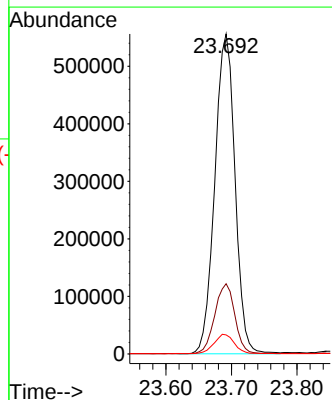
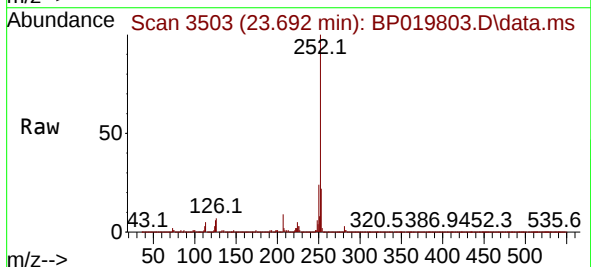
Instrument :
BNA_P
ClientSampleId :
PB159144BS

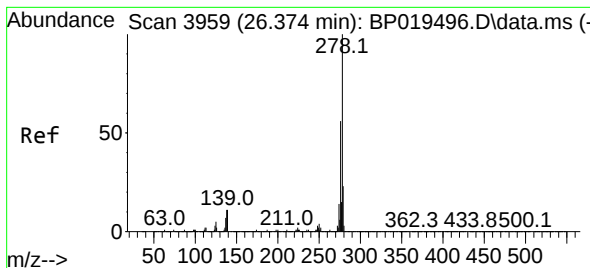
Tgt Ion:252 Resp: 1259169
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.8 5.0 7.6



#90
Benzo(a)pyrene
Concen: 45.788 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.012 min
Lab File: BP019803.D
Acq: 21 Feb 2024 12:17

Tgt Ion:252 Resp: 1186192
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.9 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 44.161 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.018 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Instrument :

BNA_P

ClientSampleId :

PB159144BS

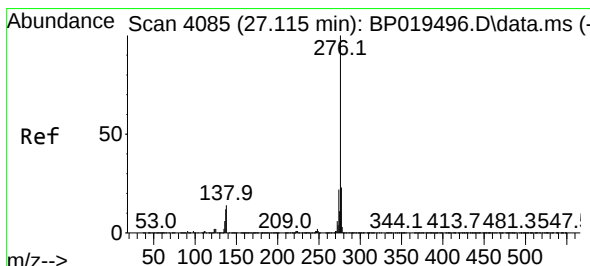
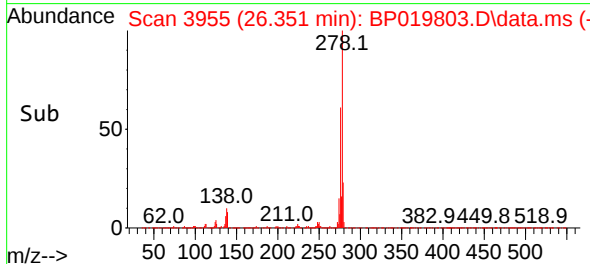
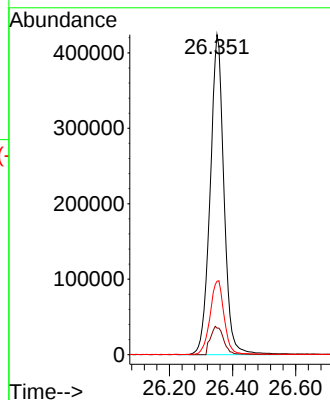
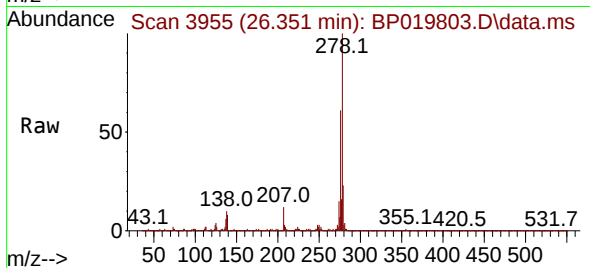
Tgt Ion:278 Resp: 1284344

Ion Ratio Lower Upper

278 100

139 8.3 8.6 12.8#

279 22.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 41.312 ng

RT: 27.103 min Scan# 4083

Delta R.T. -0.018 min

Lab File: BP019803.D

Acq: 21 Feb 2024 12:17

Tgt Ion:276 Resp: 1218936

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 12.1 10.9 16.3

