

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
 Data File : BP019631.D
 Acq On : 09 Feb 2024 14:29
 Operator : MA/JU
 Sample : P1378-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5MSD

Quant Time: Feb 09 14:59:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	94251	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	345962	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	206386	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	396497	20.000	ng	0.00
76) Chrysene-d12	21.392	240	297066	20.000	ng	0.00
86) Perylene-d12	23.815	264	383822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	621174	106.236	ng	0.00
7) Phenol-d6	7.087	99	815864	103.483	ng	0.00
23) Nitrobenzene-d5	9.081	82	550711	68.976	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	334502	111.005	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1147984	68.763	ng	0.00
79) Terphenyl-d14	19.869	244	1348900	74.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	87311	38.757	ng	99
3) Pyridine	3.781	79	234031	38.318	ng	97
4) n-Nitrosodimethylamine	3.705	42	123448	46.425	ng	99
6) Aniline	7.240	93	291087	37.997	ng	99
8) 2-Chlorophenol	7.475	128	297497	49.558	ng	98
9) Benzaldehyde	7.058	77	82446	14.915	ng	98
10) Phenol	7.110	94	389255	49.537	ng	99
11) bis(2-Chloroethyl)ether	7.346	93	282565	46.221	ng	99
12) 1,3-Dichlorobenzene	7.799	146	331830	45.175	ng	97
13) 1,4-Dichlorobenzene	7.946	146	339162	45.574	ng	99
14) 1,2-Dichlorobenzene	8.257	146	322271	44.757	ng	100
15) Benzyl Alcohol	8.157	79	304901	48.401	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	271843	44.467	ng	100
17) 2-Methylphenol	8.357	107	253605	47.938	ng	99
18) Hexachloroethane	8.981	117	129208	44.793	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	234759	43.594	ng	99
20) 3+4-Methylphenols	8.693	107	342274	47.407	ng	98
22) Acetophenone	8.740	105	469162	47.602	ng	98
24) Nitrobenzene	9.122	77	356610	44.361	ng	100
25) Isophorone	9.646	82	625224	44.965	ng	99
26) 2-Nitrophenol	9.828	139	161242	52.605	ng	99
27) 2,4-Dimethylphenol	9.893	122	200950	51.271	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	365850	46.503	ng	99
29) 2,4-Dichlorophenol	10.363	162	298737	50.422	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	336794	46.362	ng	98
31) Naphthalene	10.763	128	872222	45.968	ng	99
32) Benzoic acid	10.046	122	201254	52.703	ng	97
33) 4-Chloroaniline	10.881	127	99238	14.142	ng	98
34) Hexachlorobutadiene	11.034	225	244590	45.436	ng	99
35) Caprolactam	11.681	113	77292	46.083	ng	99
36) 4-Chloro-3-methylphenol	12.004	107	308125	47.696	ng	98
37) 2-Methylnaphthalene	12.369	142	600730	45.748	ng	100
38) 1-Methylnaphthalene	12.587	142	566492	43.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	404874	50.866	ng	99
41) Hexachlorocyclopentadiene	12.704	237	475500	132.241	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	248811	51.624	ng	100

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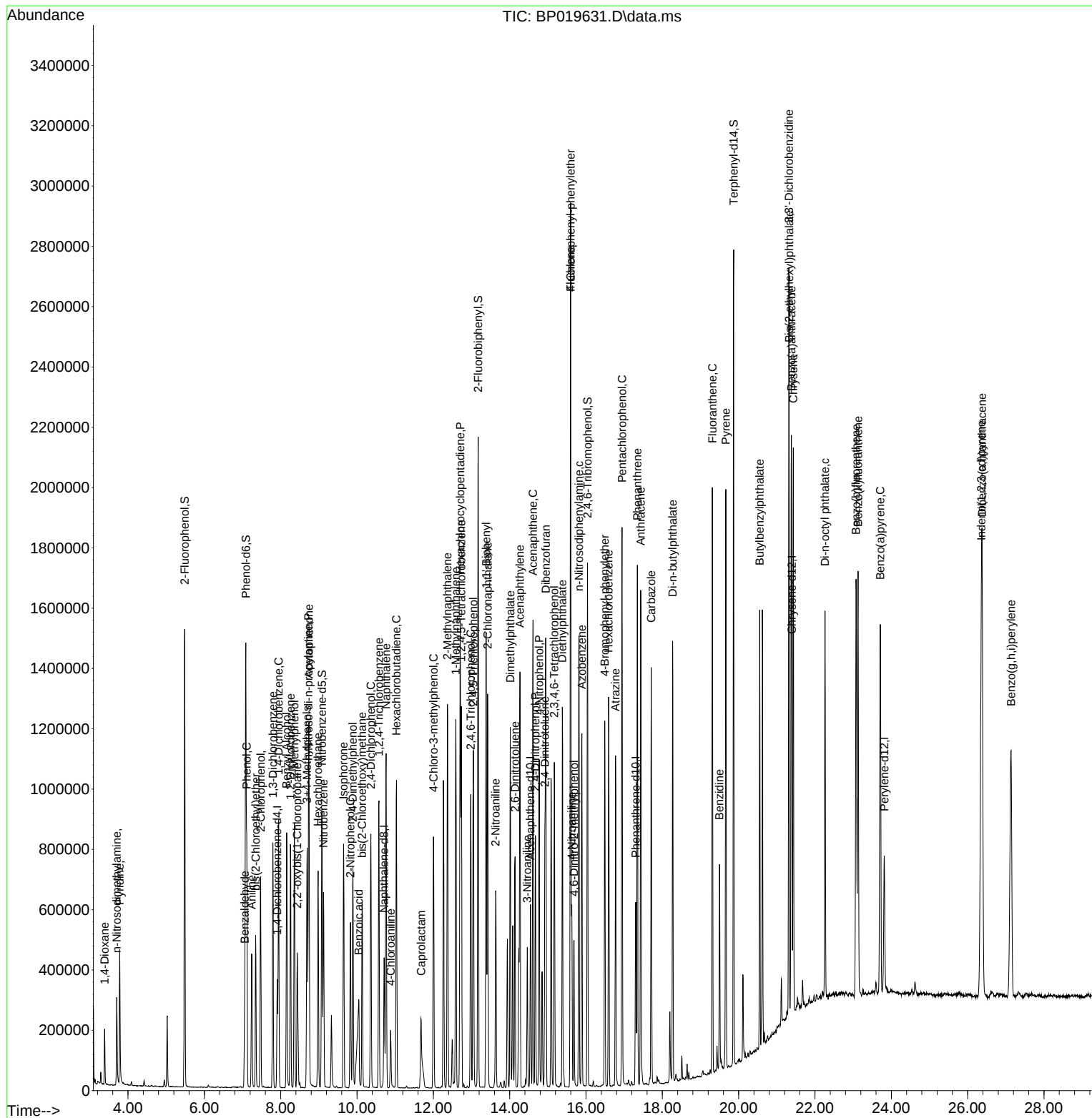
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	264383	49.955	ng	97
46) 1,1'-Biphenyl	13.387	154	795291	48.280	ng	98
47) 2-Chloronaphthalene	13.422	162	633829	46.874	ng	98
48) 2-Nitroaniline	13.634	65	184214	48.721	ng	97
49) Acenaphthylene	14.269	152	975629	51.428	ng	100
50) Dimethylphthalate	14.016	163	740458	46.866	ng	99
51) 2,6-Dinitrotoluene	14.140	165	162080	46.692	ng	94
52) Acenaphthene	14.610	154	550775	46.778	ng	99
53) 3-Nitroaniline	14.463	138	105717	33.139	ng	96
54) 2,4-Dinitrophenol	14.675	184	180002	99.873	ng	97
55) Dibenzofuran	14.945	168	920171	47.984	ng	99
56) 4-Nitrophenol	14.775	139	242455	92.727	ng	98
57) 2,4-Dinitrotoluene	14.922	165	219083	48.162	ng	97
58) Fluorene	15.598	166	704274	46.110	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	227019	50.997	ng	97
60) Diethylphthalate	15.381	149	698230	44.431	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	400086	46.605	ng	95
62) 4-Nitroaniline	15.628	138	140551	42.033	ng	97
63) Azobenzene	15.892	77	677310	44.570	ng	96
65) 4,6-Dinitro-2-methylph...	15.686	198	114265	50.541	ng	94
66) n-Nitrosodiphenylamine	15.816	169	597386	50.308	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	239644	48.348	ng	98
68) Hexachlorobenzene	16.592	284	284565	49.162	ng	97
69) Atrazine	16.775	200	217333	55.155	ng	97
70) Pentachlorophenol	16.945	266	344760	95.644	ng	98
71) Phenanthrene	17.345	178	1047954	50.222	ng	99
72) Anthracene	17.433	178	1024015	49.195	ng	99
73) Carbazole	17.710	167	866112	45.803	ng	100
74) Di-n-butylphthalate	18.269	149	1022380	44.715	ng	100
75) Fluoranthene	19.310	202	1170485	45.919	ng	100
77) Benzidine	19.498	184	384482	61.907	ng	99
78) Pyrene	19.663	202	1175330	56.060	ng	99
80) Butylbenzylphthalate	20.551	149	402933	51.463	ng	98
81) Benzo(a)anthracene	21.380	228	1068305	51.088	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	323763	42.488	ng	98
83) Chrysene	21.433	228	983007	49.513	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	540957	45.373	ng	99
85) Di-n-octyl phthalate	22.263	149	918828	43.803	ng	100
87) Indeno(1,2,3-cd)pyrene	26.357	276	1601035	54.494	ng	98
88) Benzo(b)fluoranthene	23.074	252	1166241	48.211	ng	99
89) Benzo(k)fluoranthene	23.127	252	1060374	45.889	ng	100
90) Benzo(a)pyrene	23.710	252	1084317	50.377	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1285631	53.205	ng	98
92) Benzo(g,h,i)perylene	27.139	276	1294329	52.798	ng	99

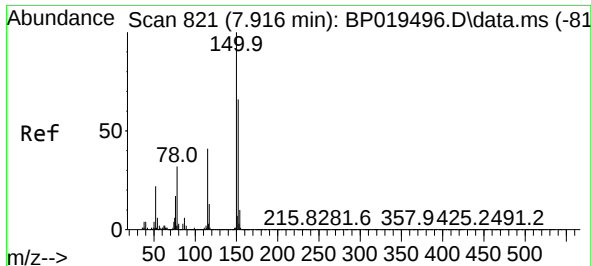
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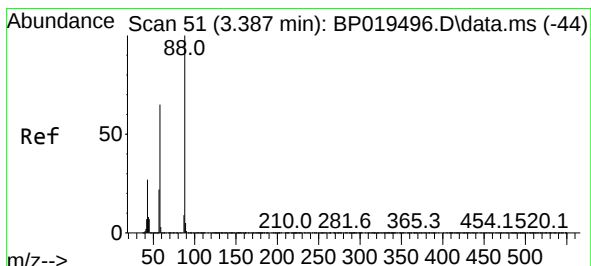
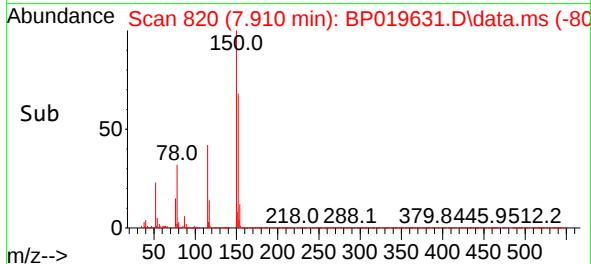
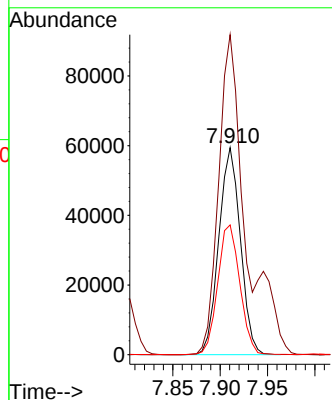
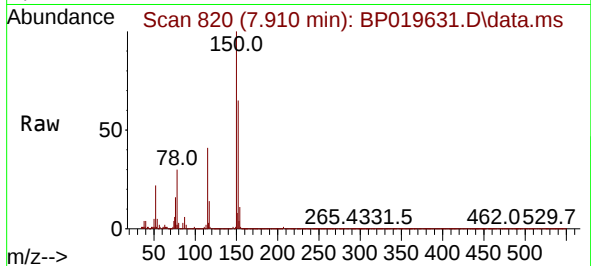




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

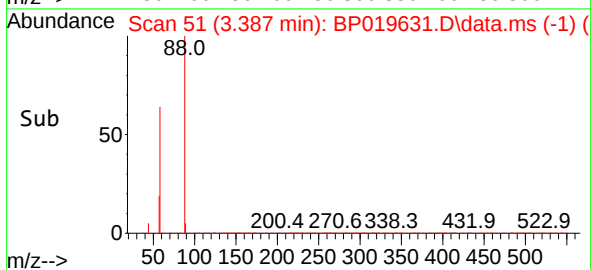
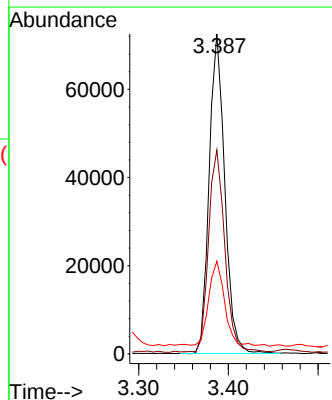
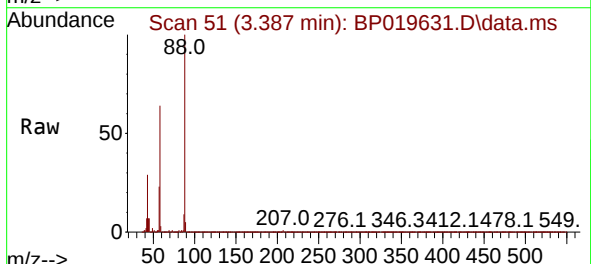
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Tgt Ion:152 Resp: 94251
Ion Ratio Lower Upper
152 100
150 154.6 121.8 182.8
115 62.7 49.9 74.9



#2
1,4-Dioxane
Concen: 38.757 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 88 Resp: 87311
Ion Ratio Lower Upper
88 100
58 65.1 52.6 78.8
43 28.4 21.9 32.9





#3

Pyridine

Concen: 38.318 ng

RT: 3.781 min Scan# 119

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

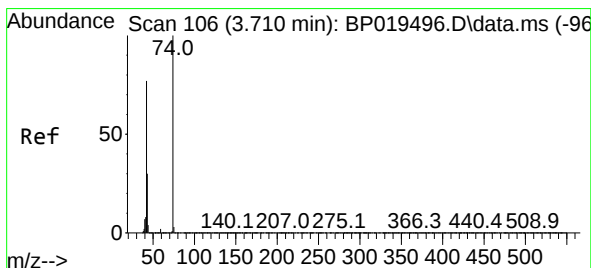
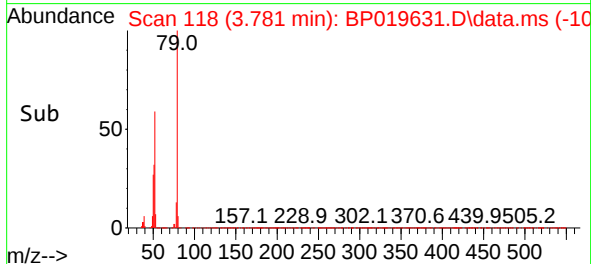
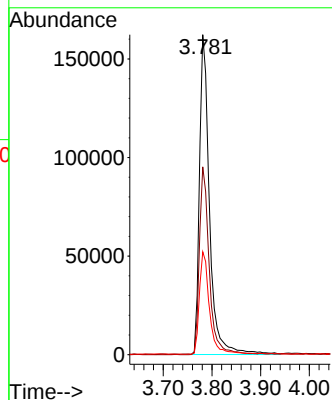
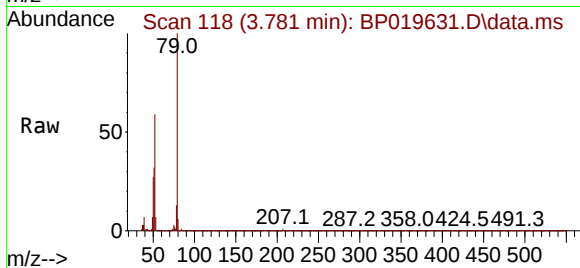
Tgt Ion: 79 Resp: 234031

Ion Ratio Lower Upper

79 100

52 58.7 45.0 67.6

51 32.2 26.8 40.2



#4

n-Nitrosodimethylamine

Concen: 46.425 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

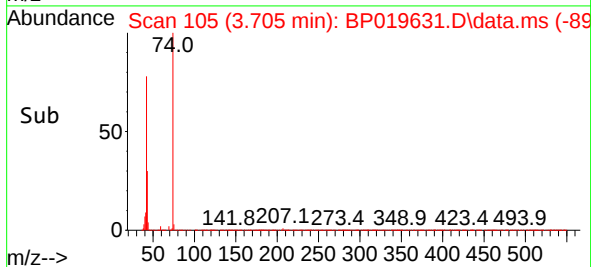
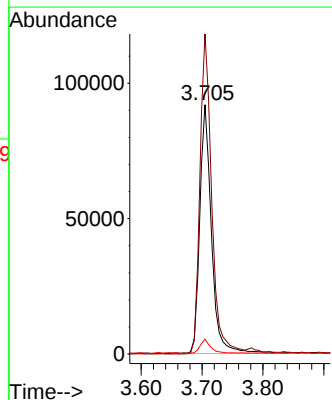
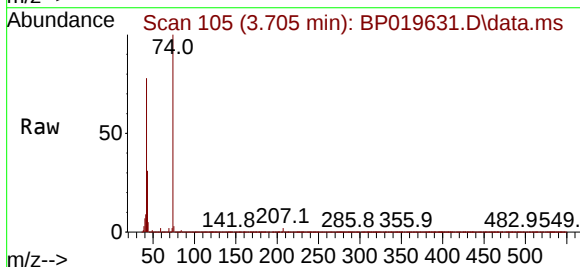
Tgt Ion: 42 Resp: 123448

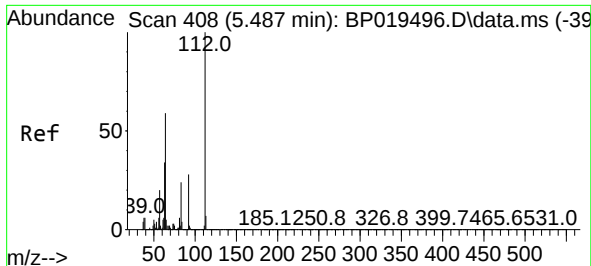
Ion Ratio Lower Upper

42 100

74 128.3 103.4 155.2

44 5.9 4.8 7.2

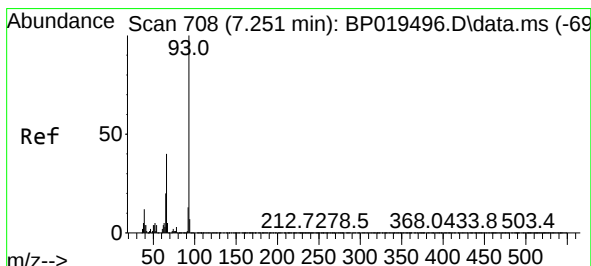
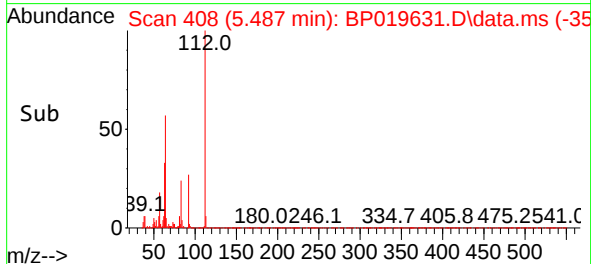
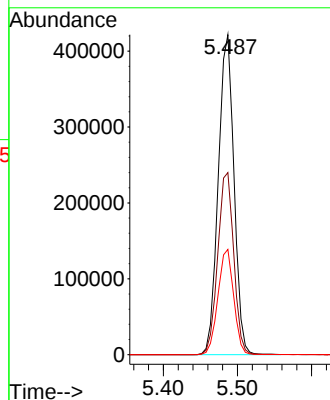
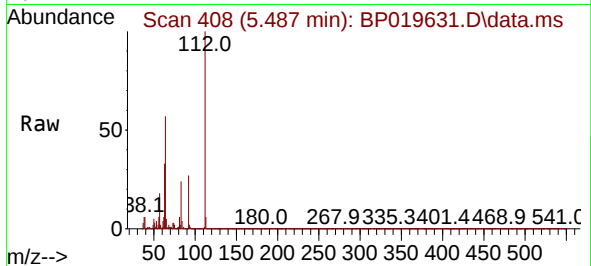




#5
2-Fluorophenol
Concen: 106.236 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP019631.D
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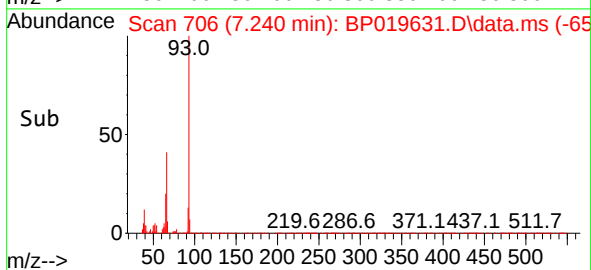
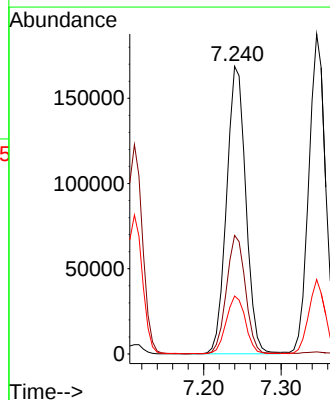
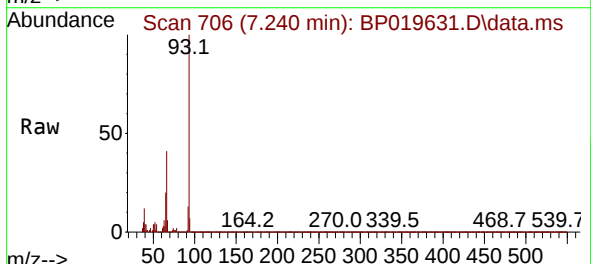
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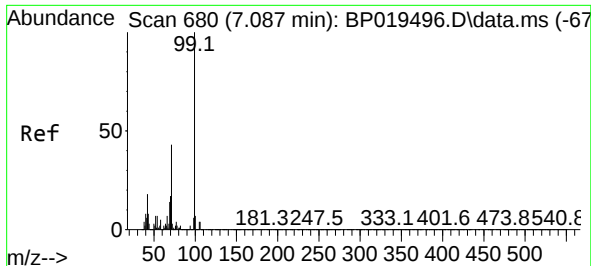
Tgt Ion:112 Resp: 621174
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.0
63 32.9 27.0 40.6



#6
Aniline
Concen: 37.997 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 93 Resp: 291087
Ion Ratio Lower Upper
93 100
66 41.2 32.3 48.5
65 20.2 16.4 24.6

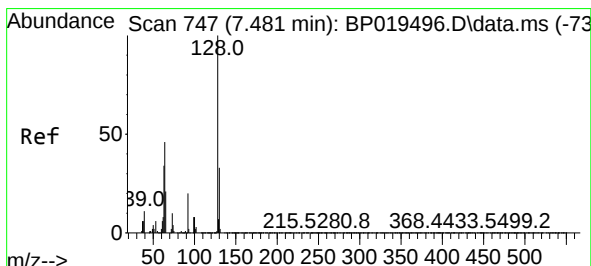
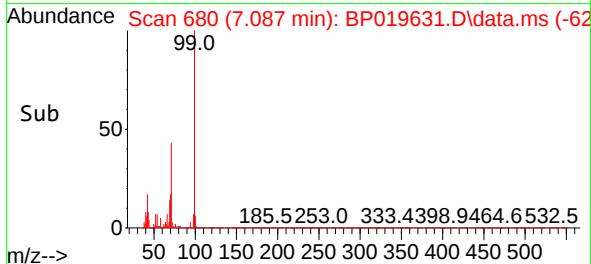
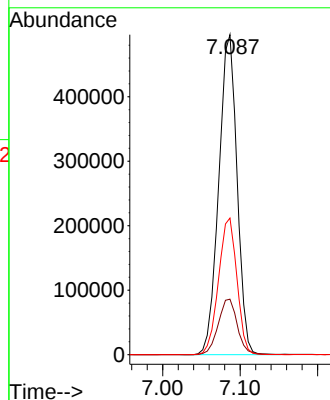
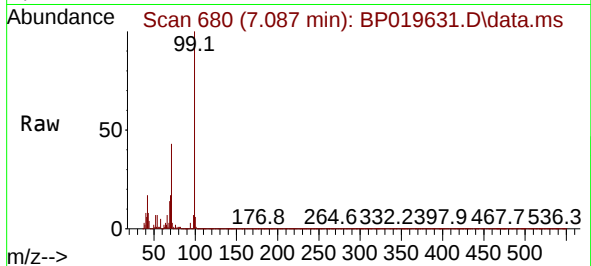




#7
Phenol-d6
Concen: 103.483 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

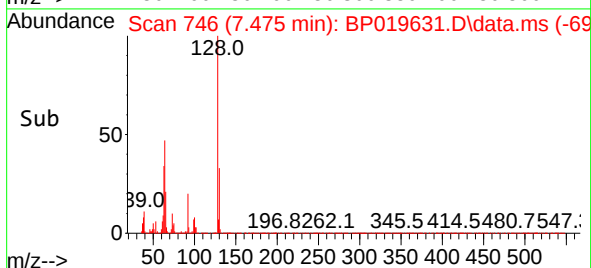
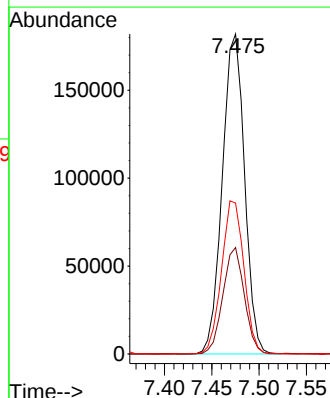
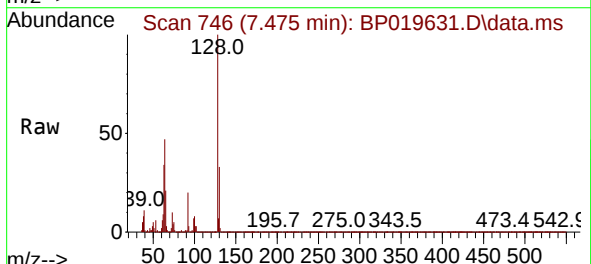
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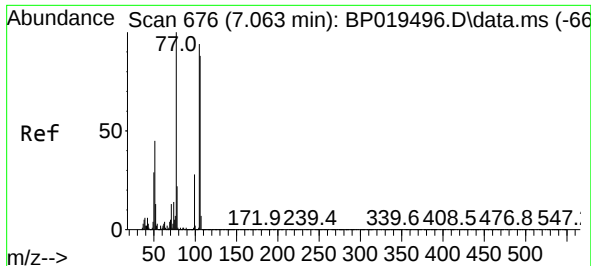
Tgt Ion:	99	Resp:	815864
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.7	22.1
71	42.7	34.8	52.2



#8
2-Chlorophenol
Concen: 49.558 ng
RT: 7.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BP019631.D
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Tgt Ion:	128	Resp:	297497
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.3	53.3
64	47.2	29.7	69.7

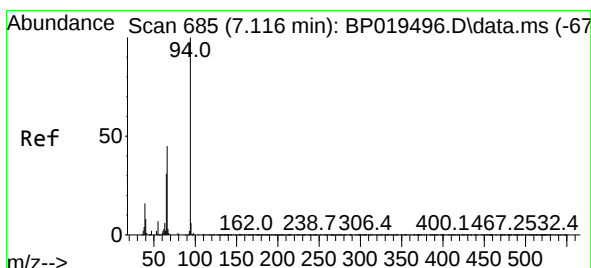
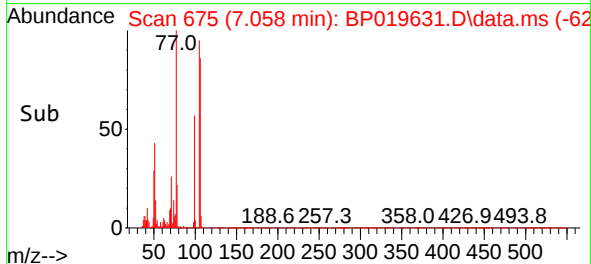
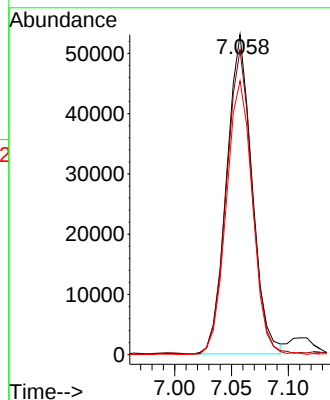
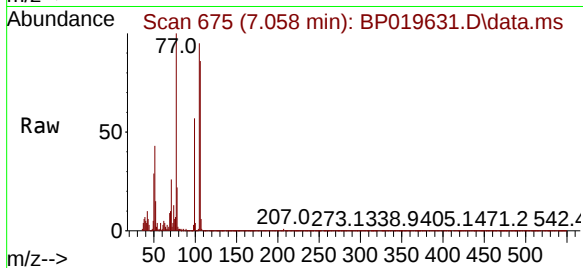




#9
Benzaldehyde
Concen: 14.915 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
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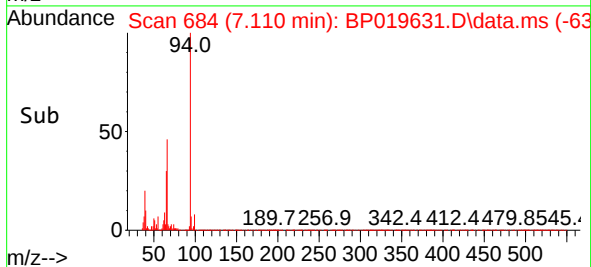
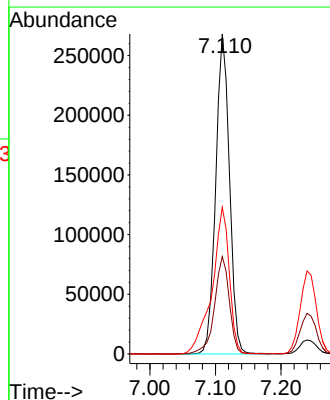
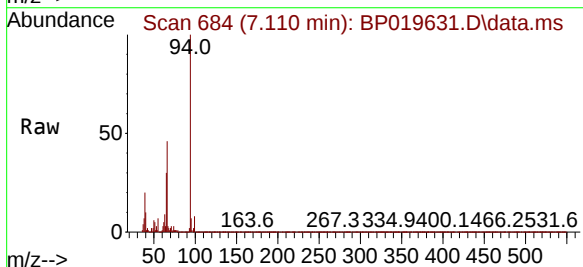
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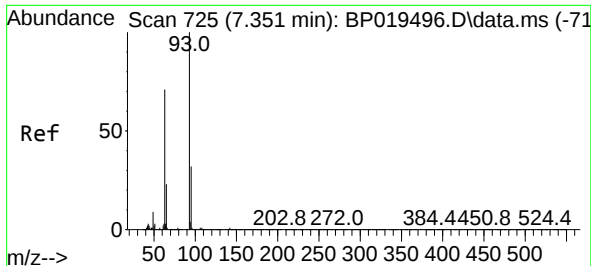
Tgt Ion: 77 Resp: 82446
Ion Ratio Lower Upper
77 100
105 95.3 74.0 114.0
106 85.6 67.8 107.8



#10
Phenol
Concen: 49.537 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP019631.D
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Tgt Ion: 94 Resp: 389255
Ion Ratio Lower Upper
94 100
65 30.4 11.3 51.3
66 45.8 25.1 65.1

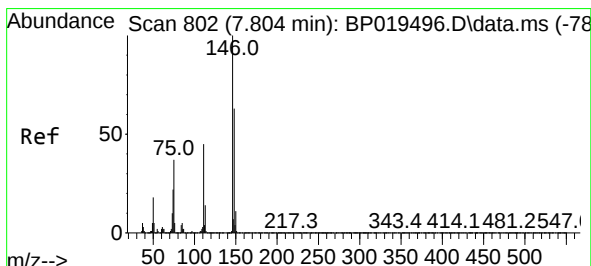
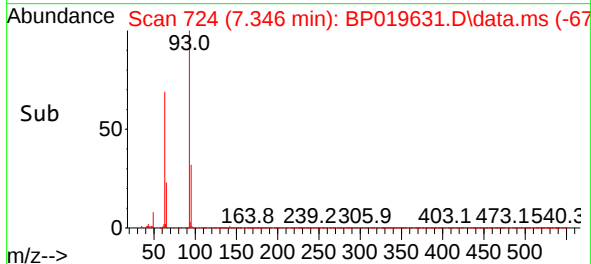
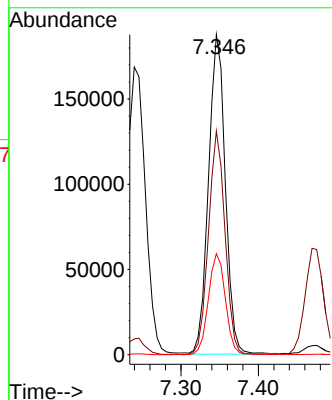
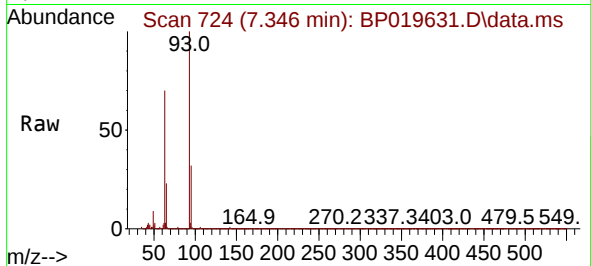




#11
bis(2-Chloroethyl)ether
Concen: 46.221 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

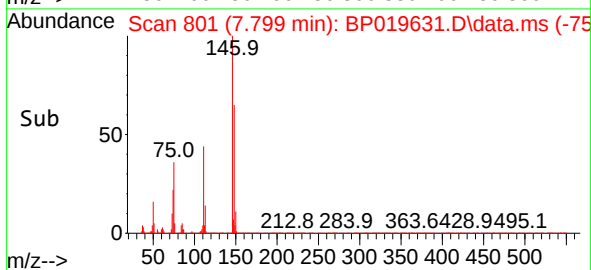
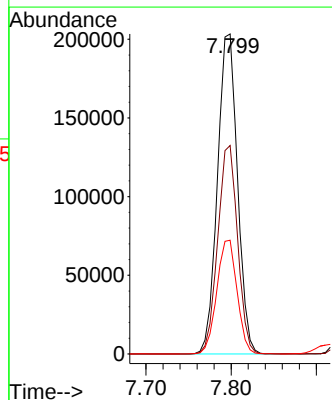
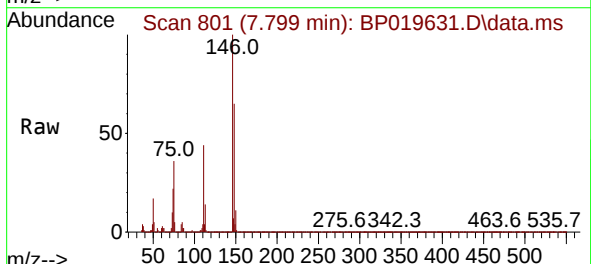
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Tgt Ion: 93 Resp: 282565
Ion Ratio Lower Upper
93 100
63 69.9 51.2 91.2
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 45.175 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:146 Resp: 331830
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 35.5 29.9 44.9

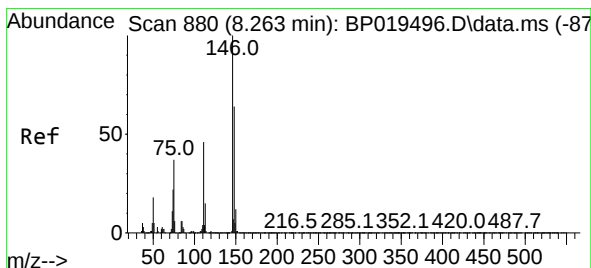
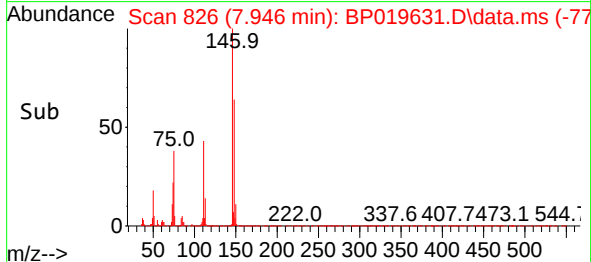
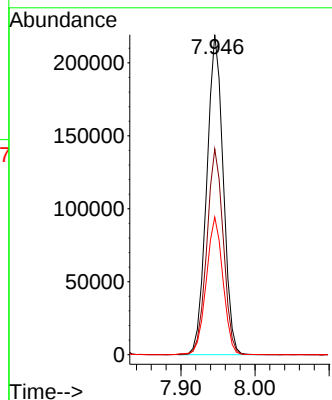
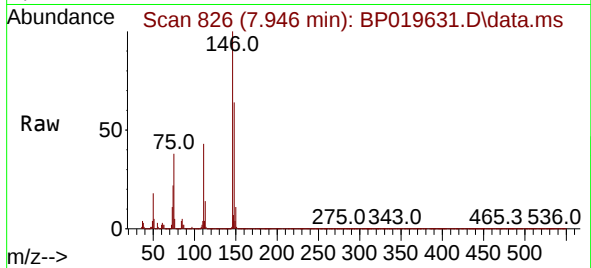




#13
1,4-Dichlorobenzene
Concen: 45.574 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

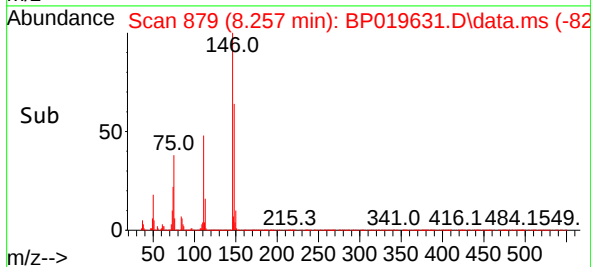
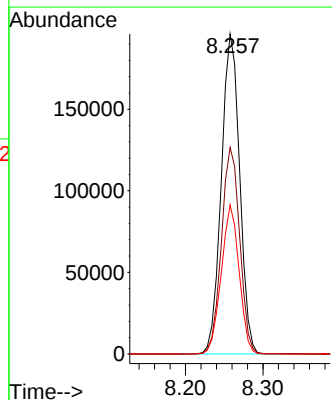
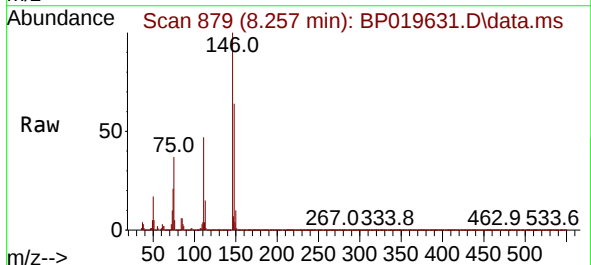
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

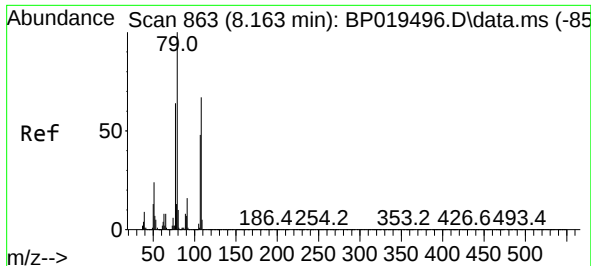
Tgt Ion:146 Resp: 339162
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
111 43.0 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 44.757 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:146 Resp: 322271
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 46.6 37.0 55.6

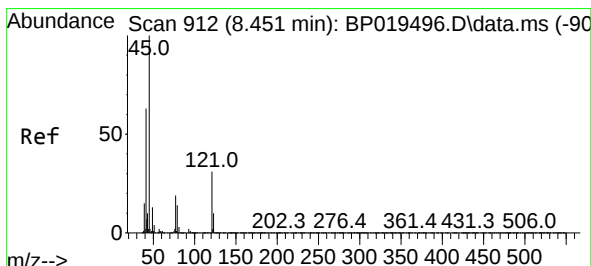
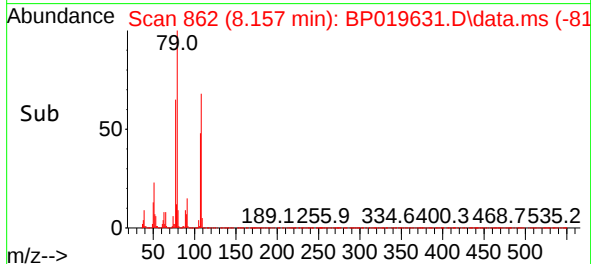
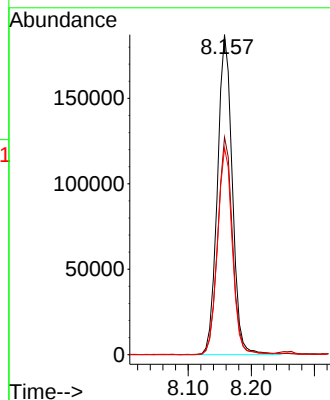
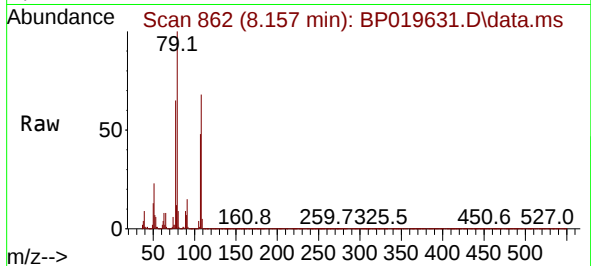




#15
Benzyl Alcohol
Concen: 48.401 ng
RT: 8.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

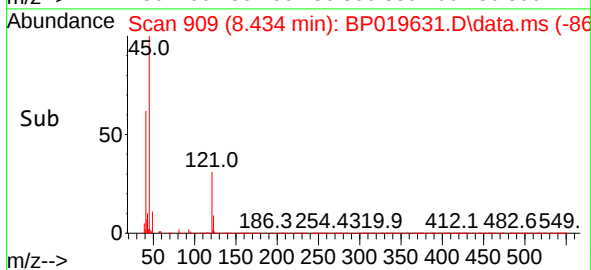
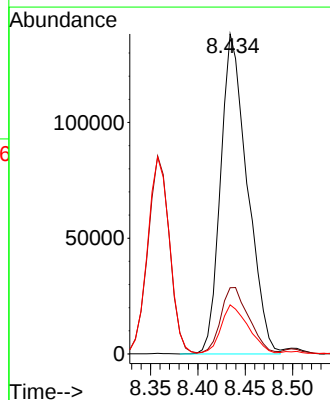
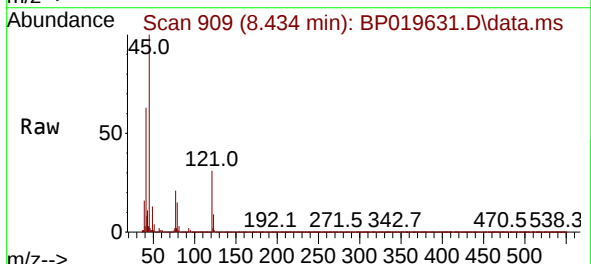
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

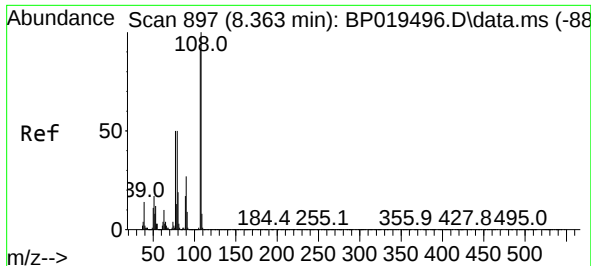
Tgt Ion: 79 Resp: 304901
Ion Ratio Lower Upper
79 100
108 68.0 53.8 80.6
77 64.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.467 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 45 Resp: 271843
Ion Ratio Lower Upper
45 100
77 20.7 0.8 40.8
79 15.3 0.0 35.5

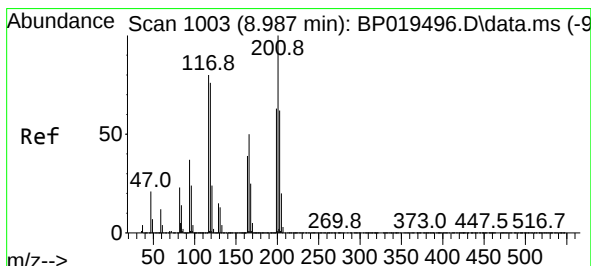
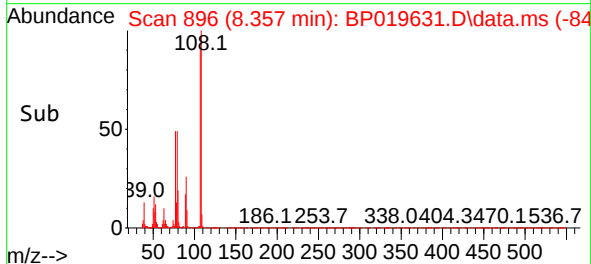
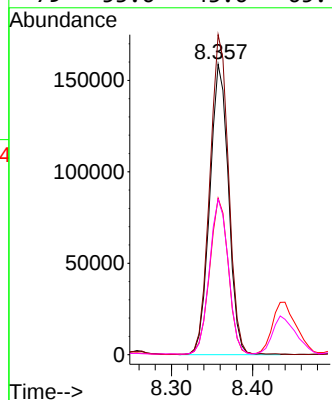
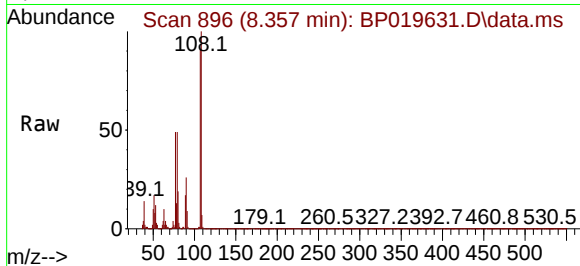




#17
2-Methylphenol
Concen: 47.938 ng
RT: 8.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

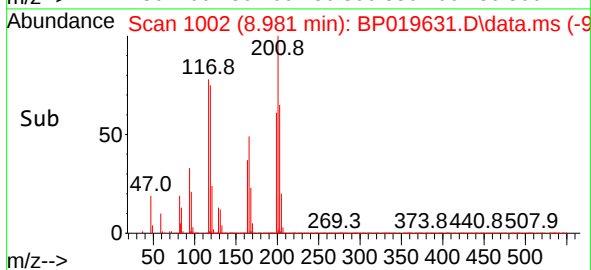
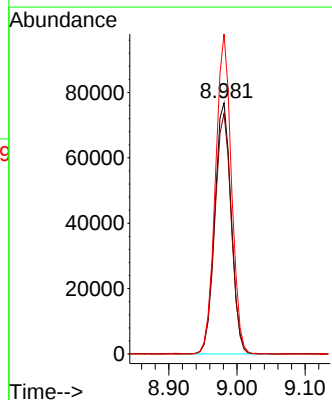
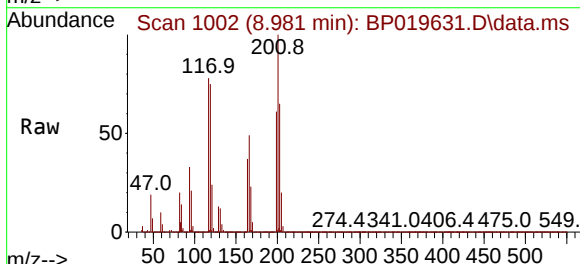
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

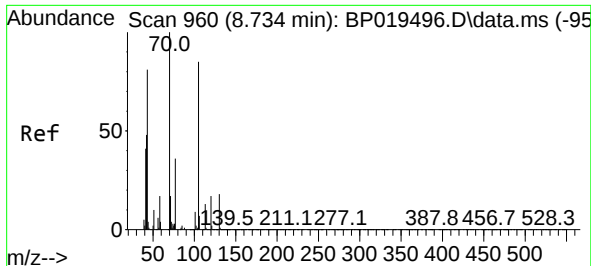
Tgt Ion:	107	Resp:	253605
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.0	130.6
77	53.9	43.5	65.3
79	53.6	43.6	65.4



#18
Hexachloroethane
Concen: 44.793 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:	117	Resp:	129208
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.5	113.3
201	127.5	99.4	149.2

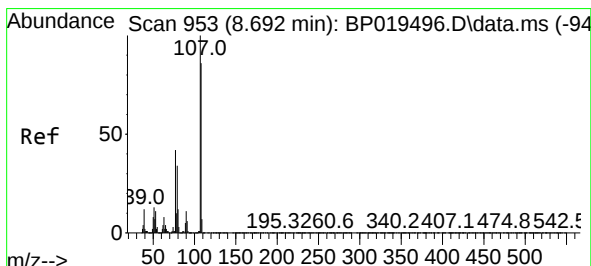
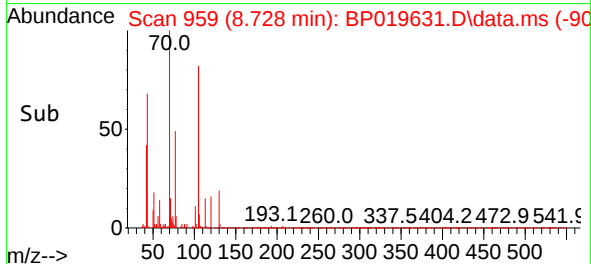
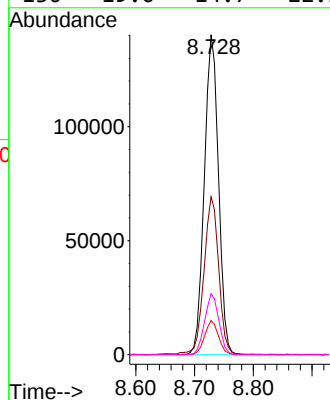
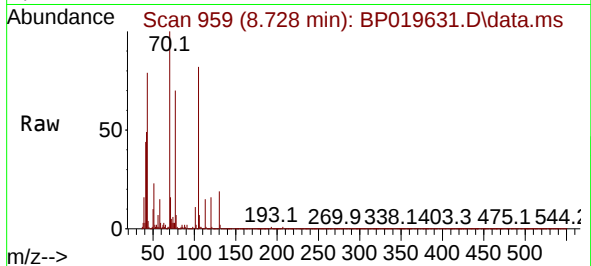




#19
n-Nitroso-di-n-propylamine
Concen: 43.594 ng
RT: 8.728 min Scan# 919
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

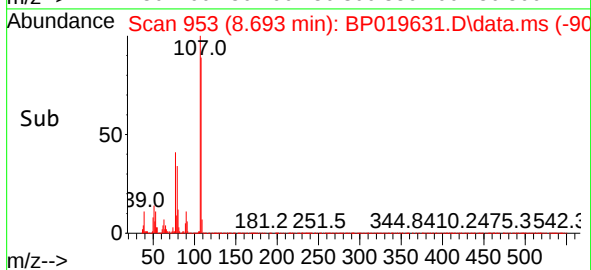
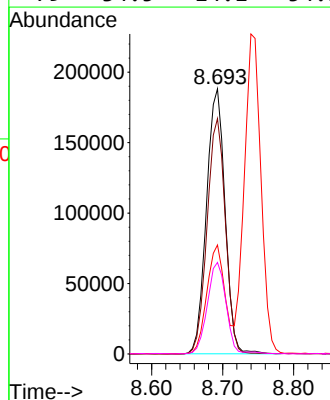
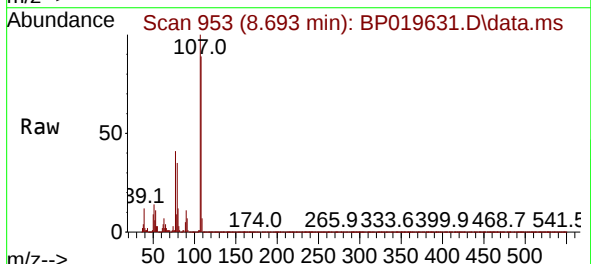
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

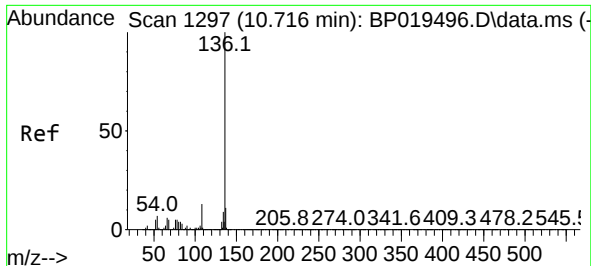
Tgt Ion: 70 Resp: 234759
Ion Ratio Lower Upper
70 100
42 49.4 39.2 58.8
101 10.7 7.3 10.9
130 19.0 14.7 22.1



#20
3+4-Methylphenols
Concen: 47.407 ng
RT: 8.693 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 107 Resp: 342274
Ion Ratio Lower Upper
107 100
108 88.8 65.5 105.5
77 41.1 21.8 61.8
79 34.5 14.1 54.1

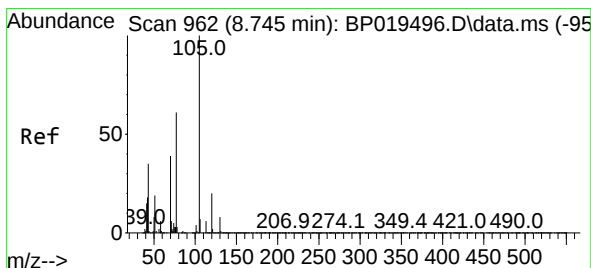
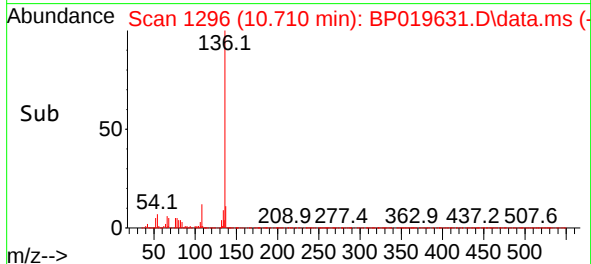
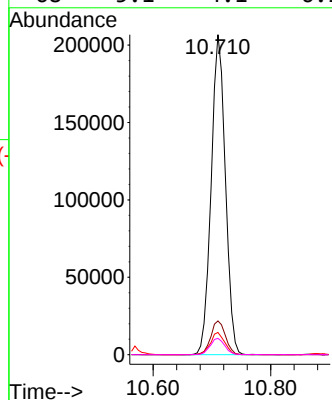
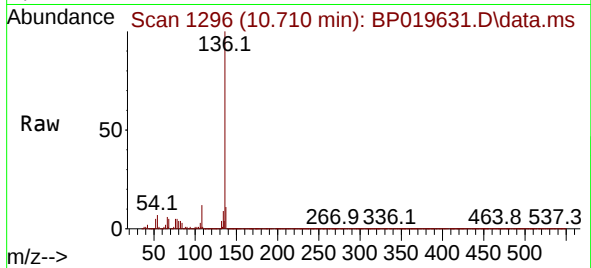




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

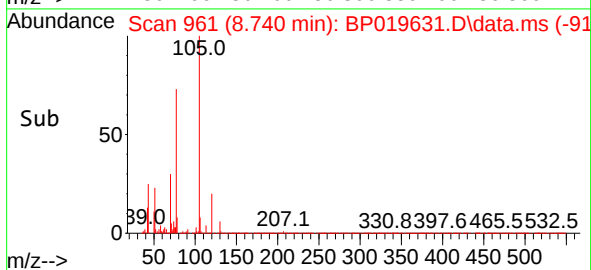
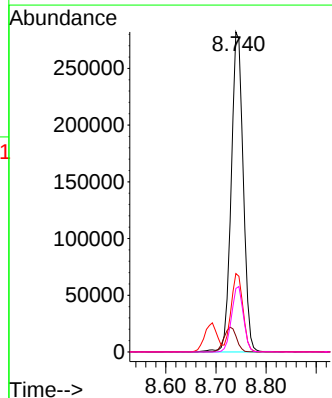
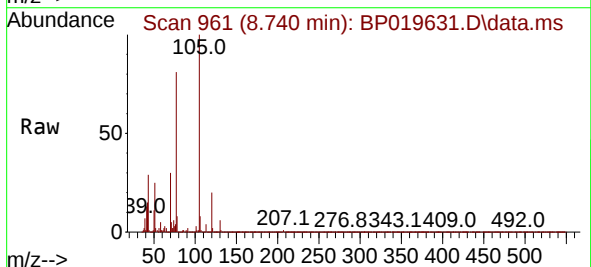
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

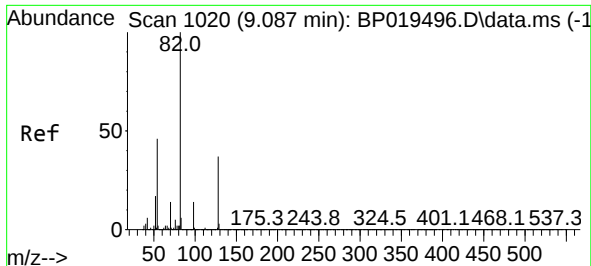
Tgt Ion:	136	Resp:	345962
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.0	5.3	7.9
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 47.602 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:	105	Resp:	469162
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.9	7.3
51	24.5	20.7	31.1
120	19.9	15.8	23.8

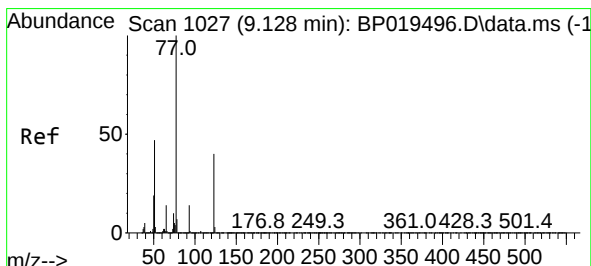
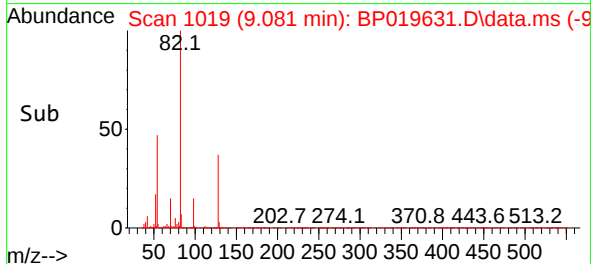
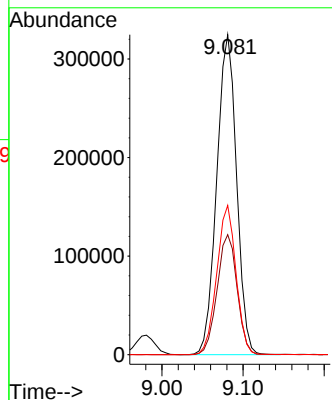
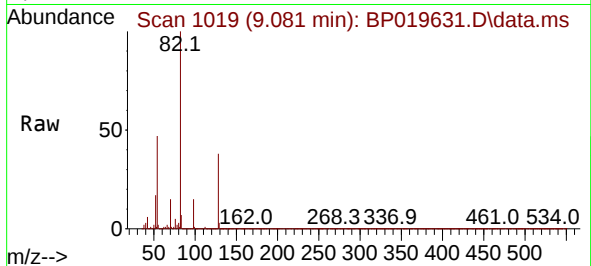




#23
Nitrobenzene-d5
Concen: 68.976 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

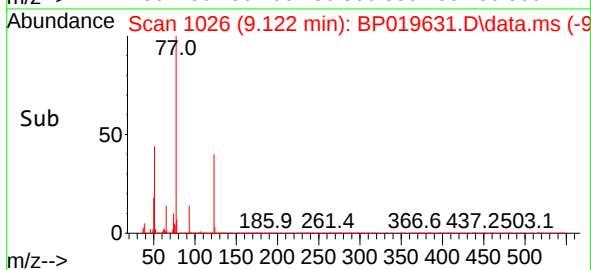
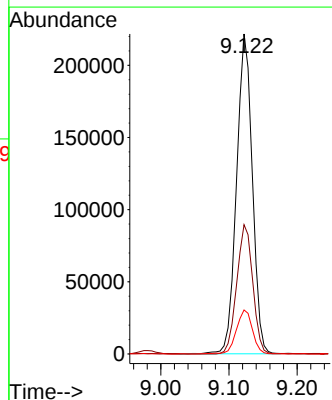
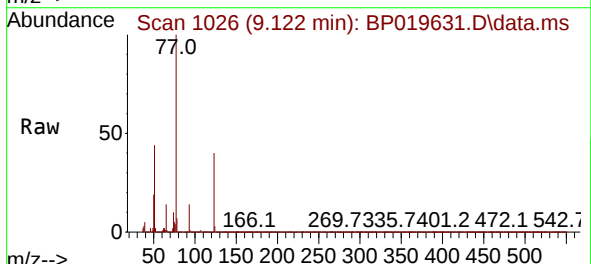
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

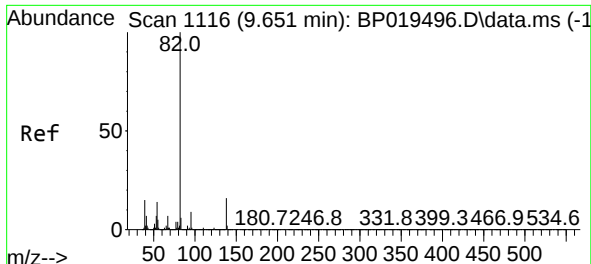
Tgt Ion: 82 Resp: 550711
Ion Ratio Lower Upper
82 100
128 37.5 29.7 44.5
54 46.7 36.8 55.2



#24
Nitrobenzene
Concen: 44.361 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 77 Resp: 356610
Ion Ratio Lower Upper
77 100
123 40.4 32.3 48.5
65 13.7 11.6 17.4

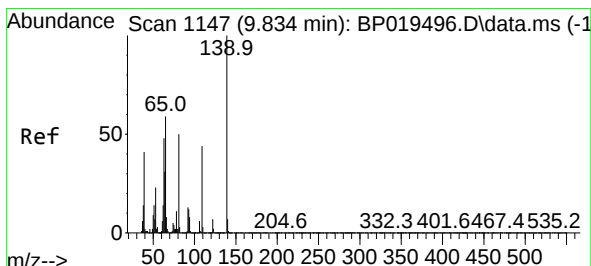
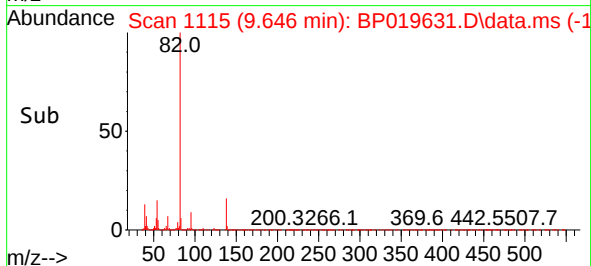
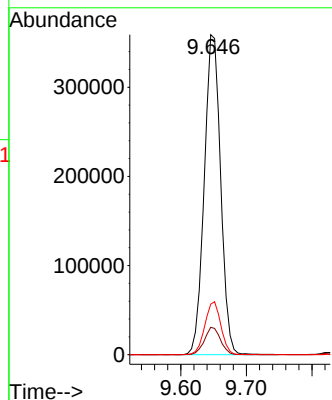
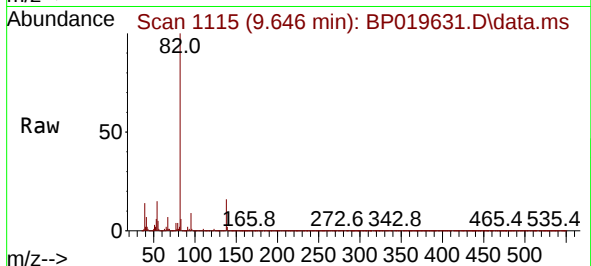




#25
Isophorone
Concen: 44.965 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

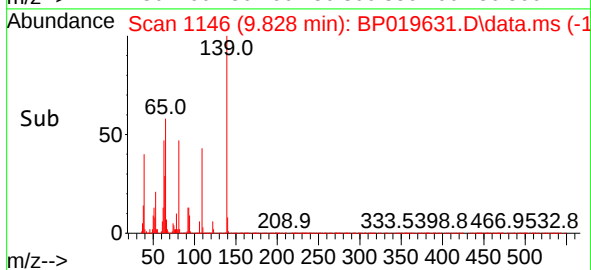
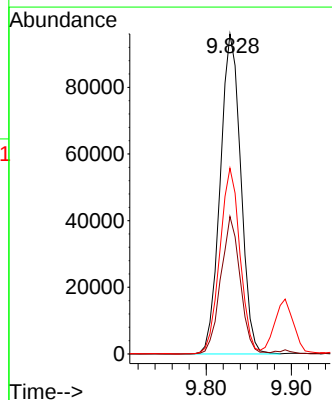
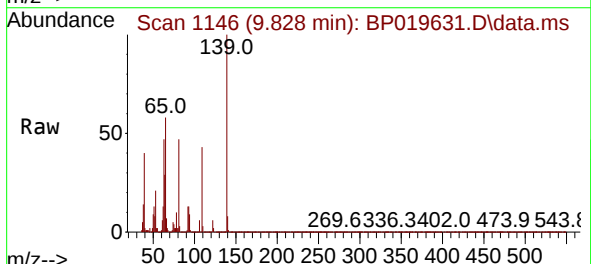
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Tgt Ion: 82 Resp: 625224
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 15.8 13.1 19.7



#26
2-Nitrophenol
Concen: 52.605 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:139 Resp: 161242
Ion Ratio Lower Upper
139 100
109 43.0 34.9 52.3
65 58.0 47.5 71.3

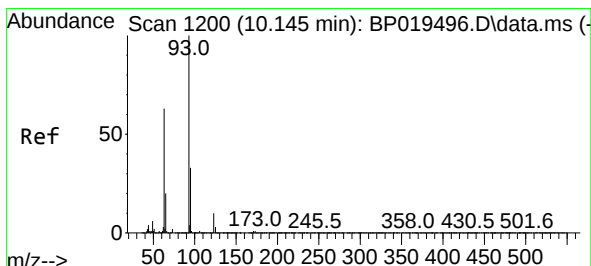
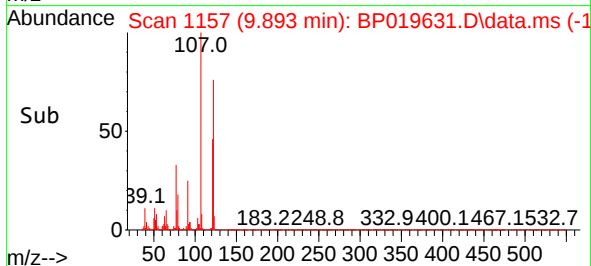
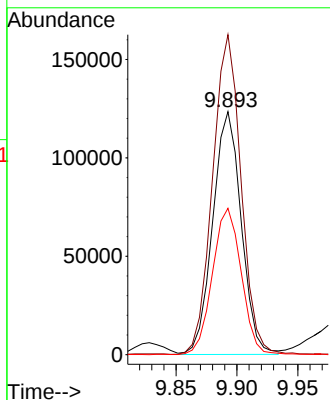
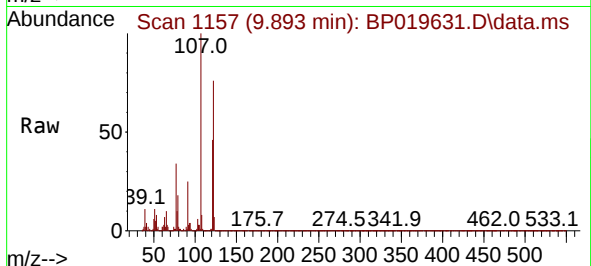




#27
2,4-Dimethylphenol
Concen: 51.271 ng
RT: 9.893 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

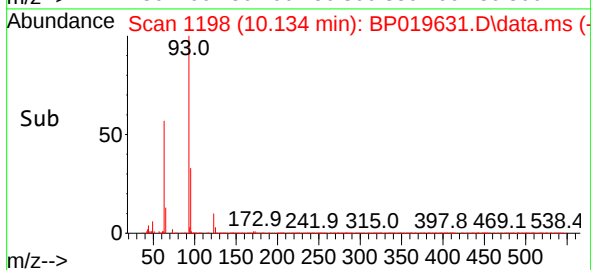
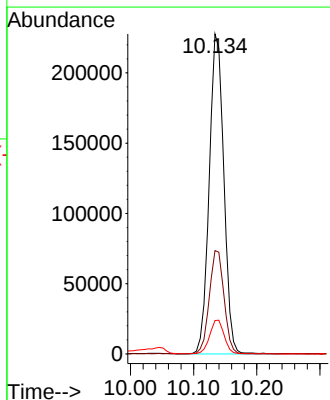
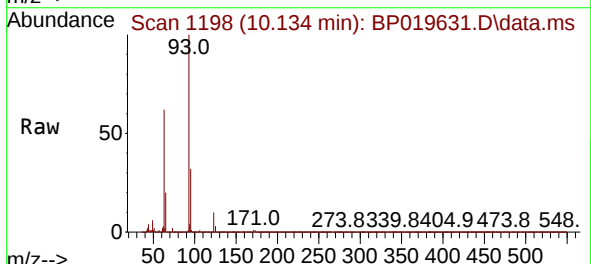
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

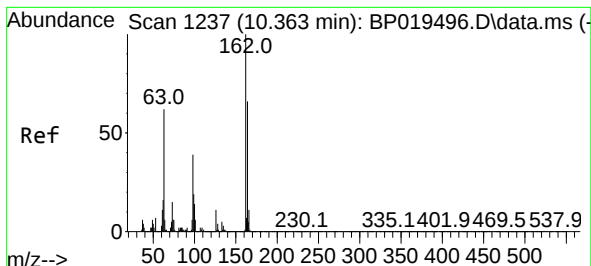
Tgt Ion:122 Resp: 200950
Ion Ratio Lower Upper
122 100
107 131.7 105.9 158.9
121 60.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 46.503 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 93 Resp: 365850
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 10.4 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.422 ng

RT: 10.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

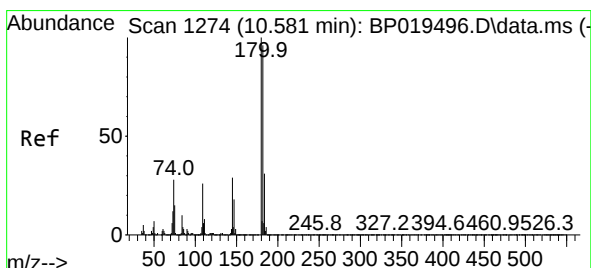
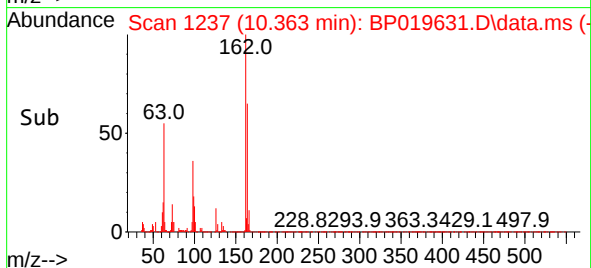
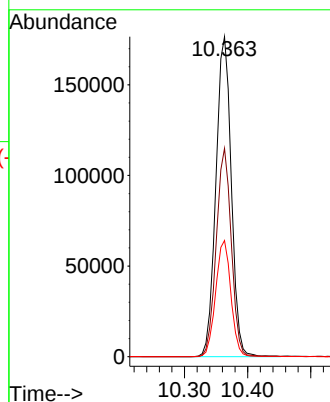
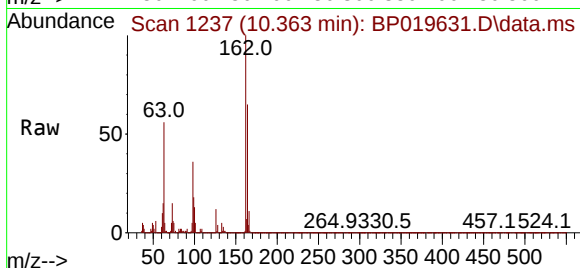
Tgt Ion:162 Resp: 298737

Ion Ratio Lower Upper

162 100

164 65.1 46.0 86.0

98 36.3 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 46.362 ng

RT: 10.575 min Scan# 1273

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

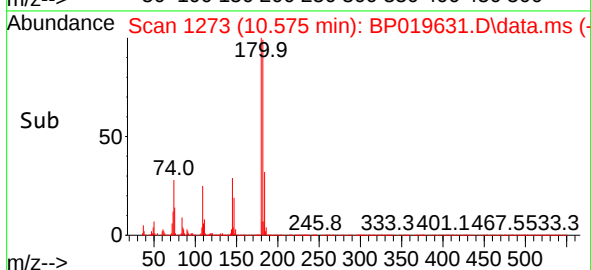
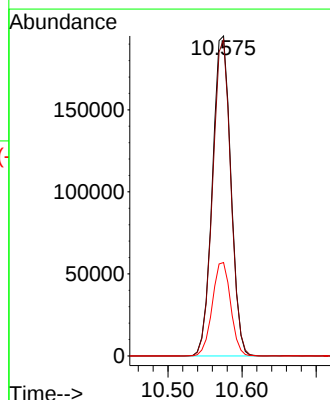
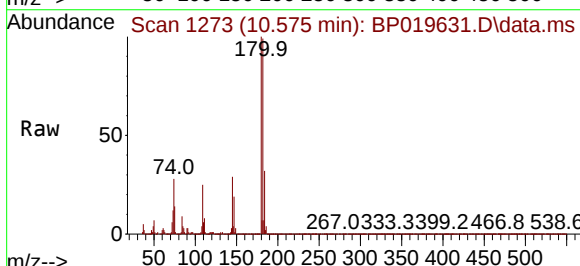
Tgt Ion:180 Resp: 336794

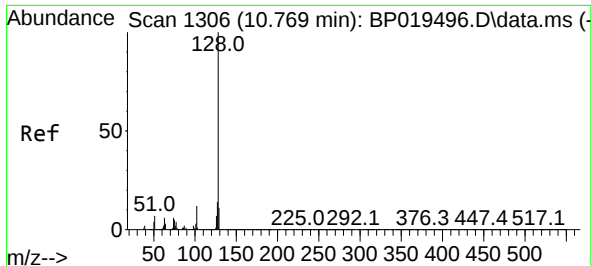
Ion Ratio Lower Upper

180 100

182 98.9 77.0 115.6

145 29.2 23.2 34.8

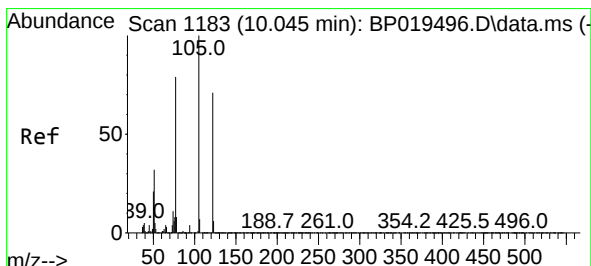
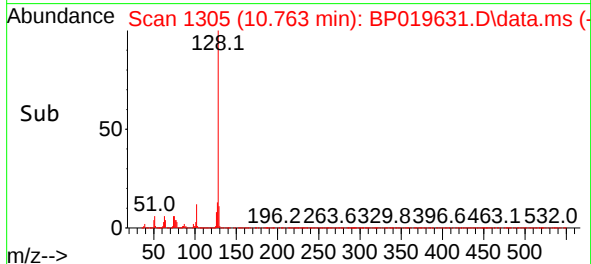
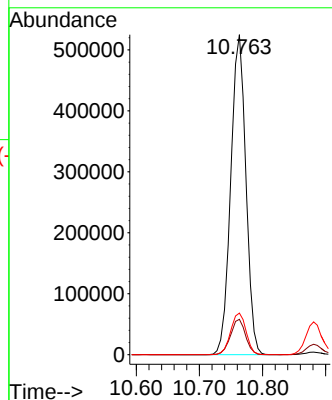
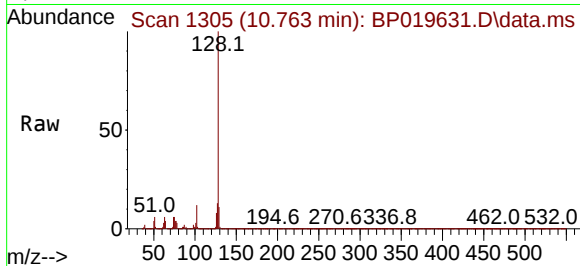




#31
Naphthalene
Concen: 45.968 ng
RT: 10.763 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

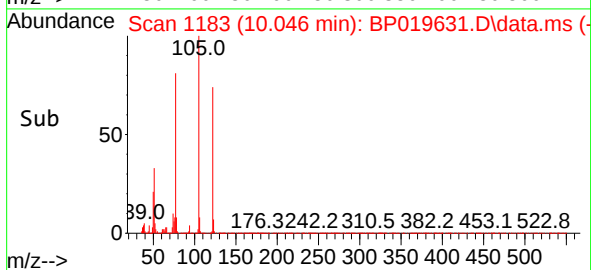
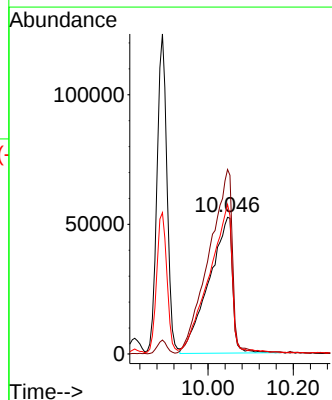
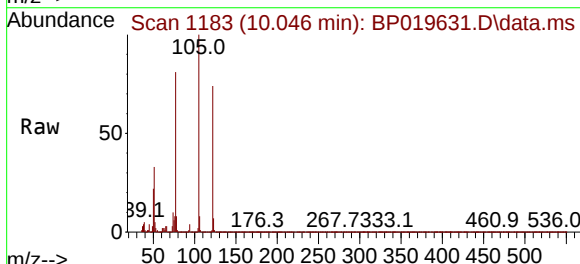
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

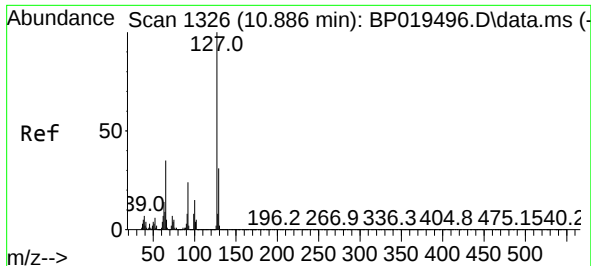
Tgt Ion:128 Resp: 872222
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 52.703 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:122 Resp: 201254
Ion Ratio Lower Upper
122 100
105 134.9 118.8 158.8
77 109.4 91.7 131.7

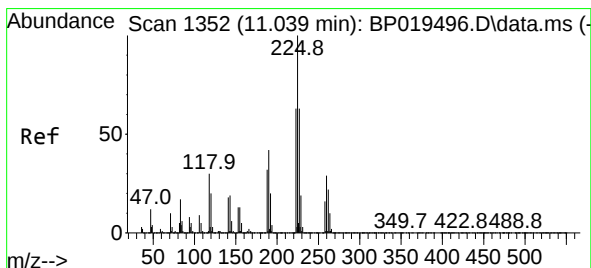
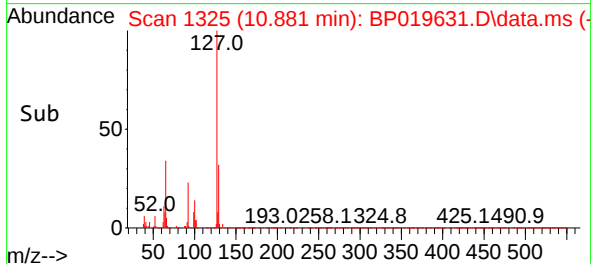
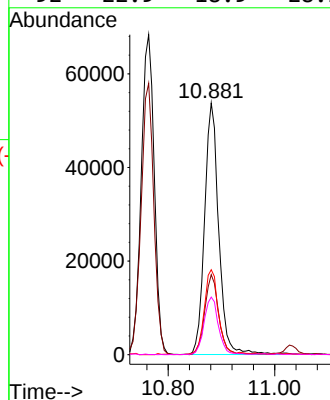
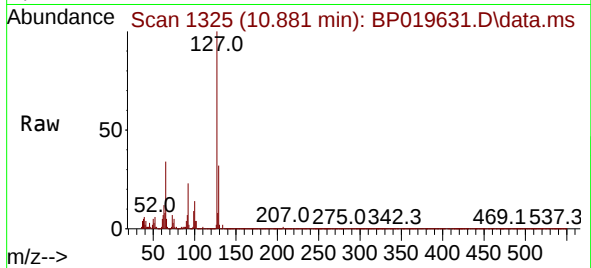




#33
4-Chloroaniline
Concen: 14.142 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

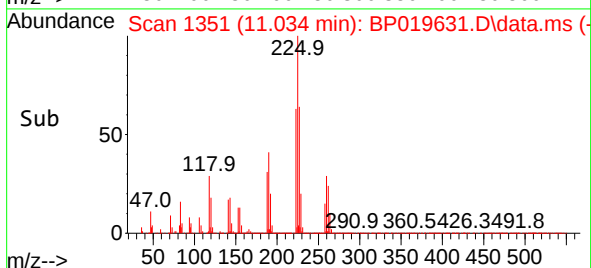
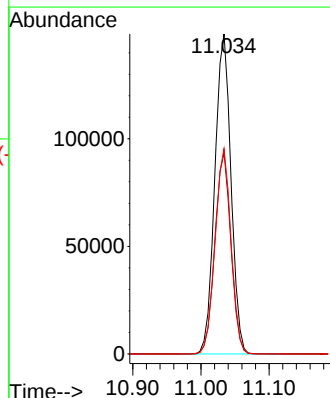
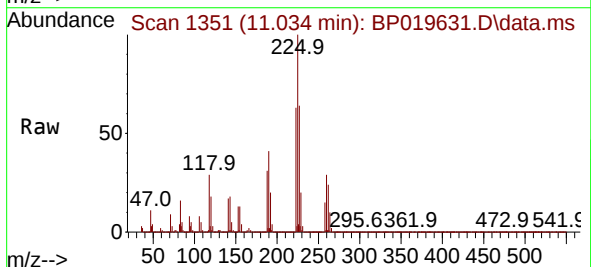
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

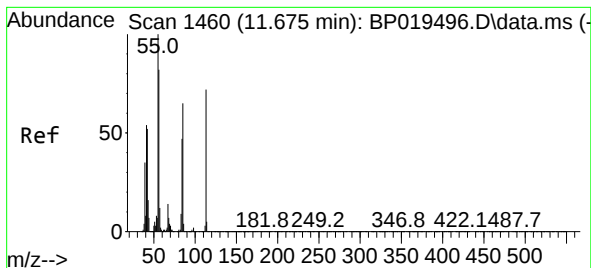
Tgt Ion:127	Resp:	99238
Ion Ratio	Lower	Upper
127	100	
129	31.8	24.6 36.8
65	33.7	28.2 42.4
92	22.9	18.9 28.3



#34
Hexachlorobutadiene
Concen: 45.436 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:225	Resp:	244590
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.5 75.7
227	64.2	50.2 75.2

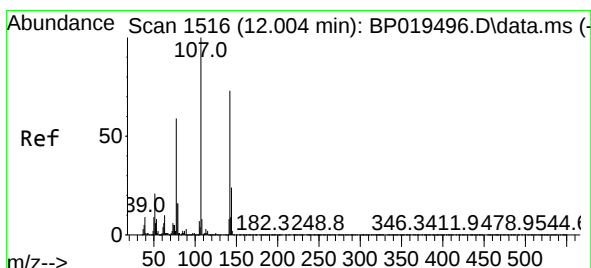
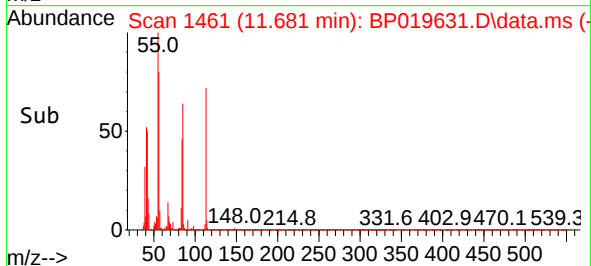
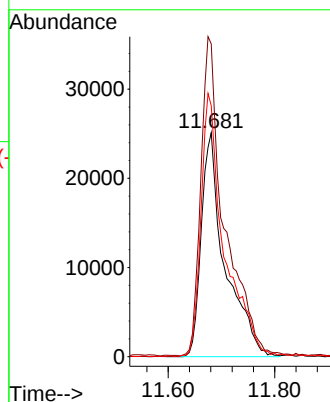
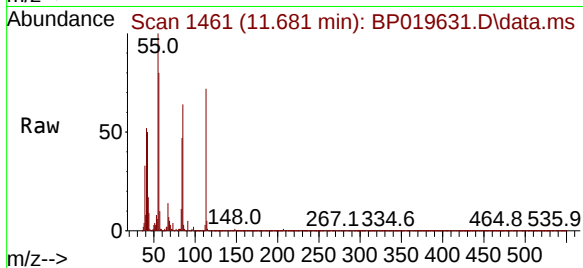




#35
Caprolactam
Concen: 46.083 ng
RT: 11.681 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

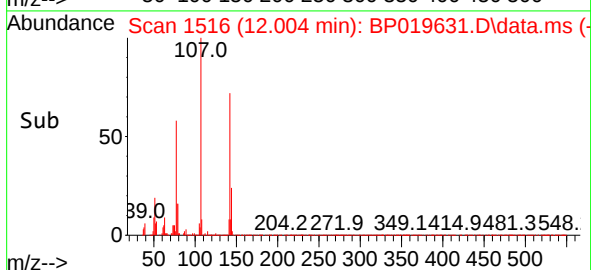
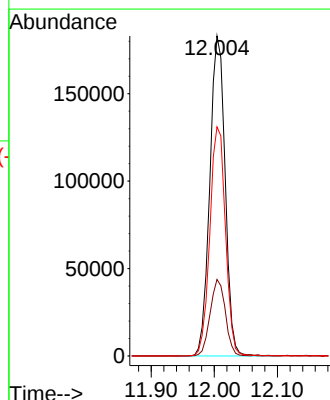
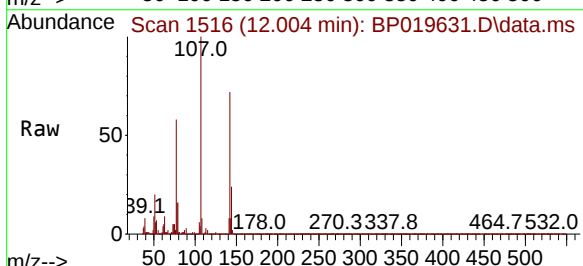
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

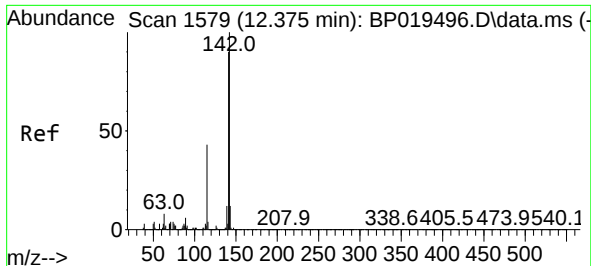
Tgt Ion:113 Resp: 77292
Ion Ratio Lower Upper
113 100
55 139.7 120.0 160.0
56 112.1 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 47.696 ng
RT: 12.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:107 Resp: 308125
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.4
142 71.6 58.6 88.0

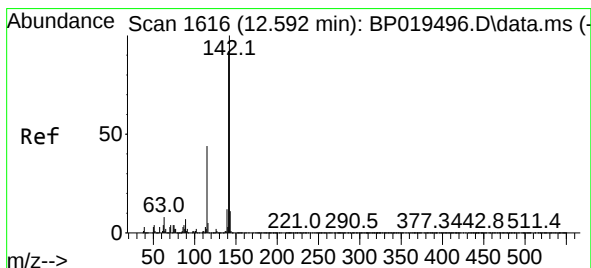
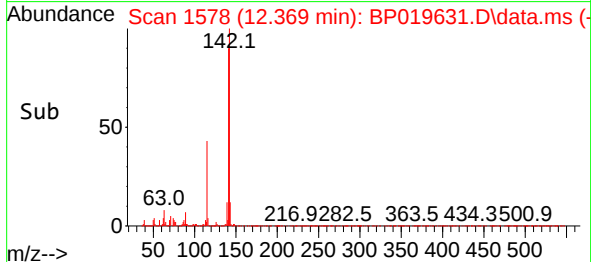
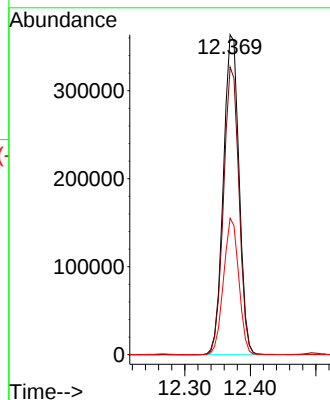
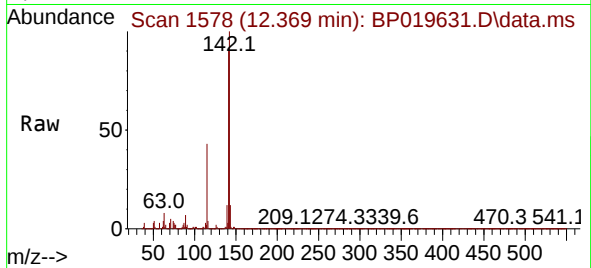




#37
2-Methylnaphthalene
Concen: 45.748 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

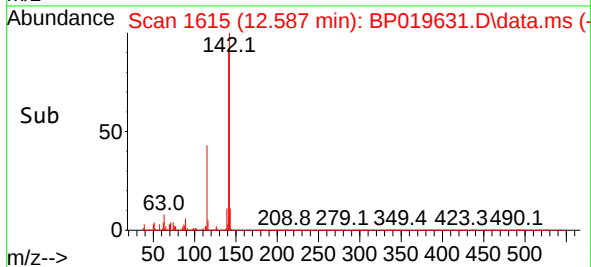
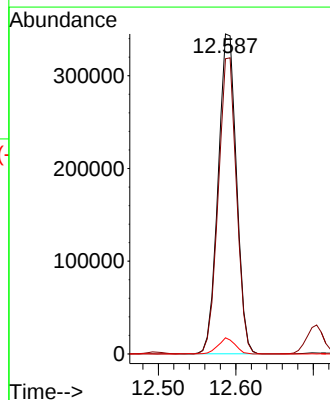
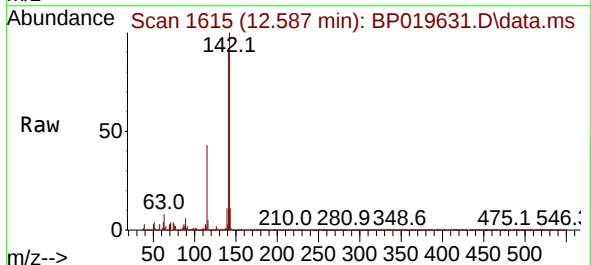
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

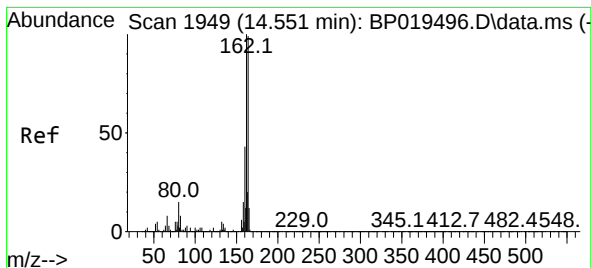
Tgt Ion:142 Resp: 600730
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.4
115 42.6 34.2 51.2



#38
1-Methylnaphthalene
Concen: 43.900 ng
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:142 Resp: 566492
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0
116 5.0 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

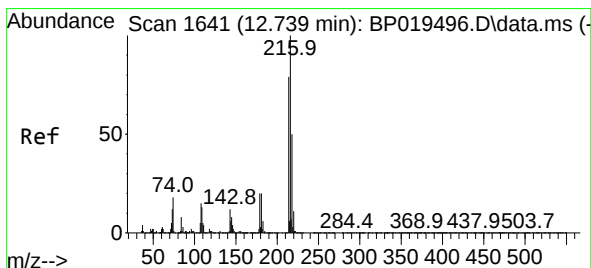
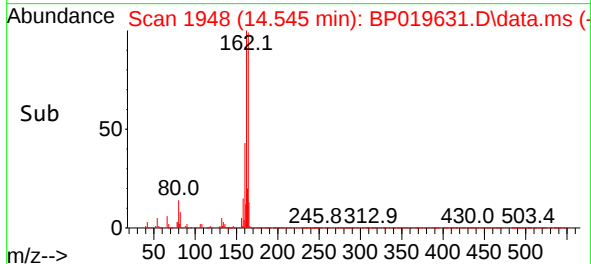
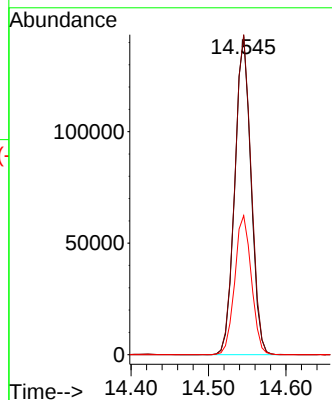
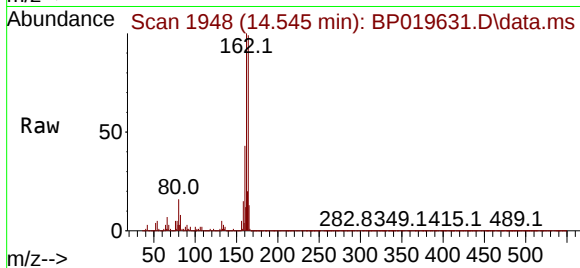
Tgt Ion:164 Resp: 206386

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 43.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.866 ng

RT: 12.734 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Tgt Ion:216 Resp: 404874

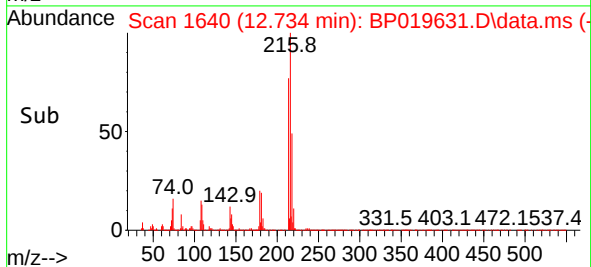
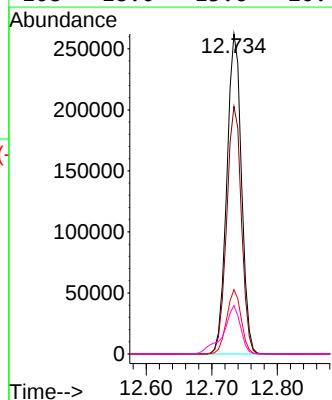
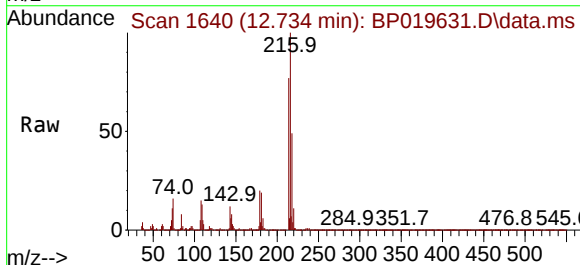
Ion Ratio Lower Upper

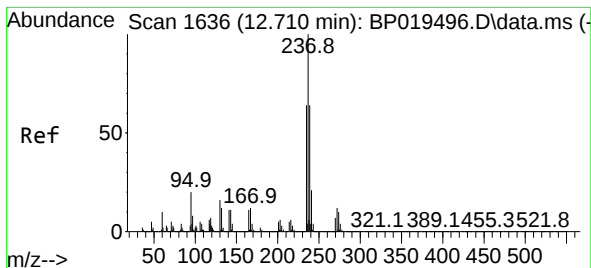
216 100

214 78.0 62.8 94.2

179 19.9 16.6 24.8

108 18.0 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 132.241 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

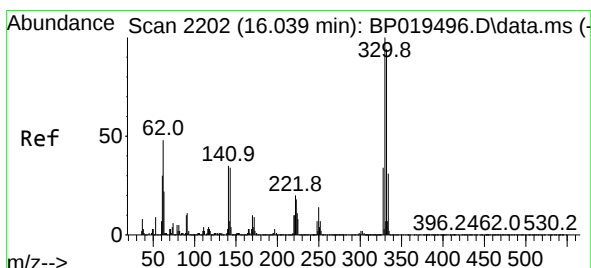
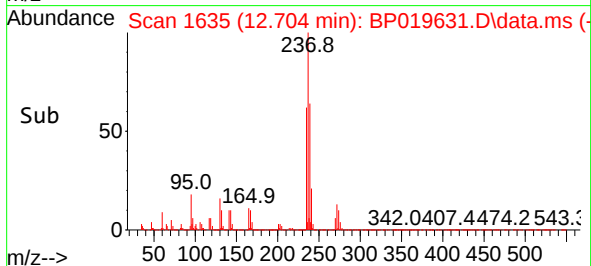
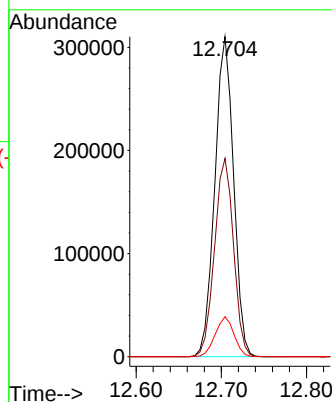
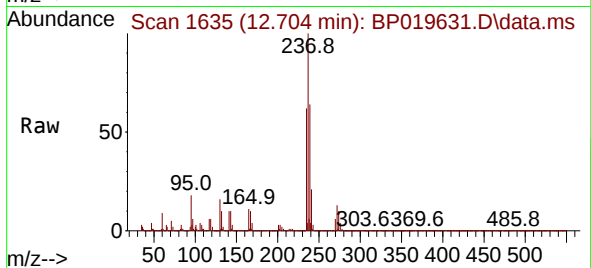
Tgt Ion:237 Resp: 475500

Ion Ratio Lower Upper

237 100

235 62.0 43.7 83.7

272 12.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 111.005 ng

RT: 16.039 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

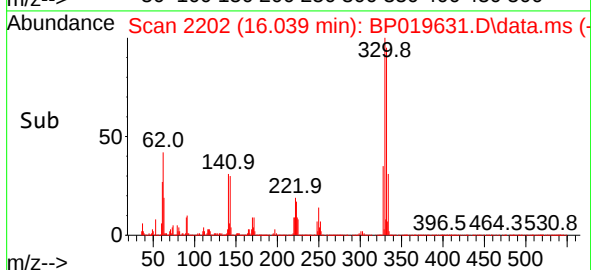
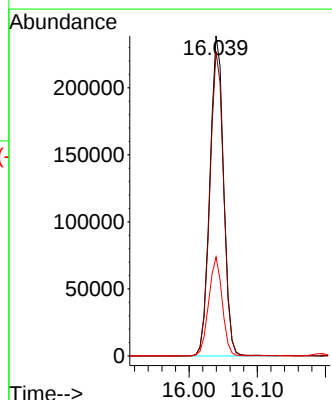
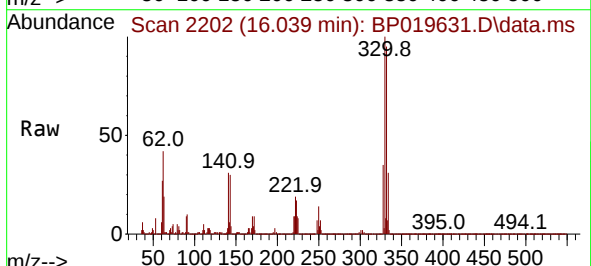
Tgt Ion:330 Resp: 334502

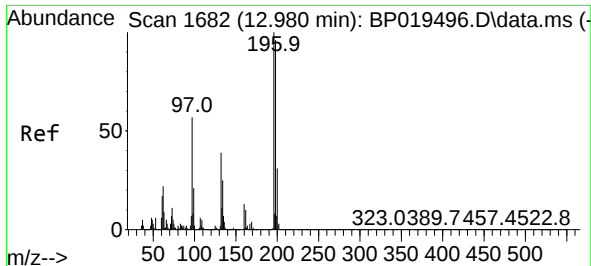
Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

141 30.4 27.0 40.4

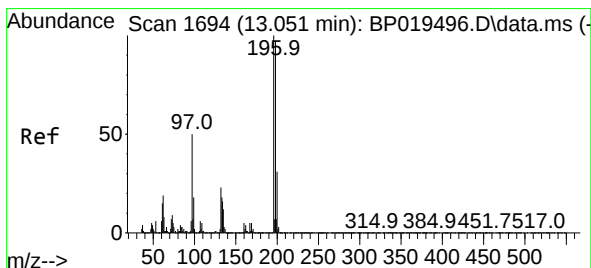
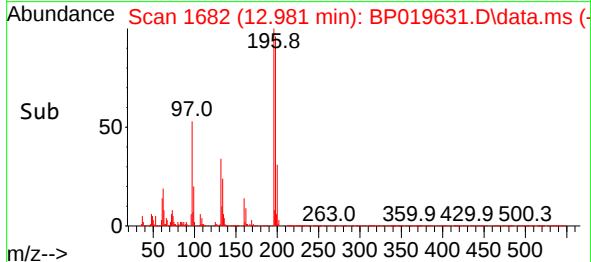
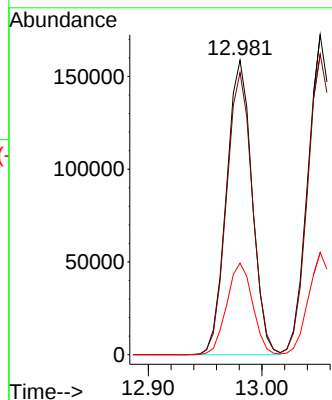
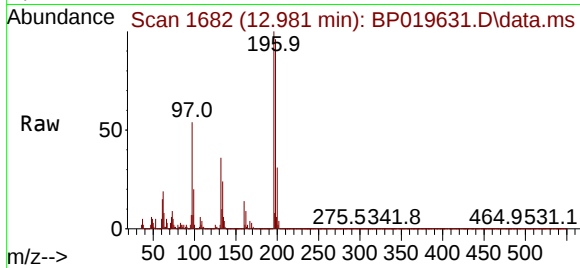




#43
2,4,6-Trichlorophenol
Concen: 51.624 ng
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

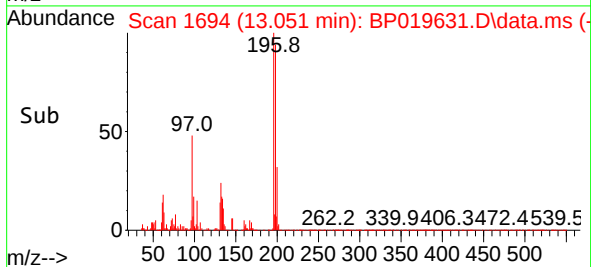
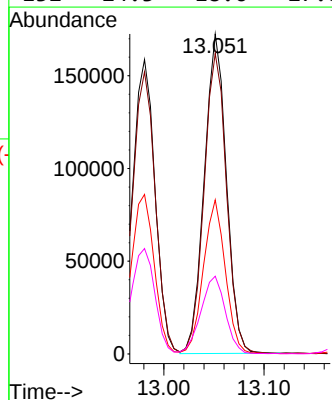
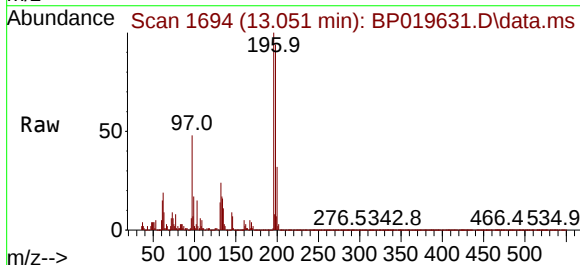
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Tgt Ion:196 Resp: 248811
Ion Ratio Lower Upper
196 100
198 95.8 76.7 115.1
200 31.1 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 49.955 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:196 Resp: 264383
Ion Ratio Lower Upper
196 100
198 93.9 77.5 116.3
97 48.2 39.9 59.9
132 24.3 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 68.763 ng

RT: 13.175 min Scan# 1716

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

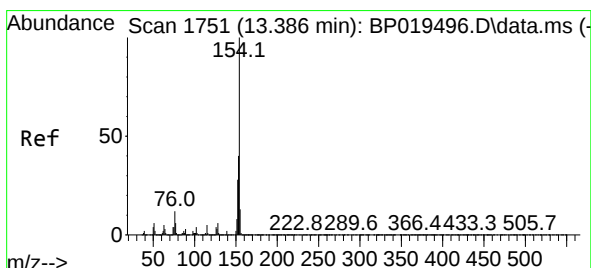
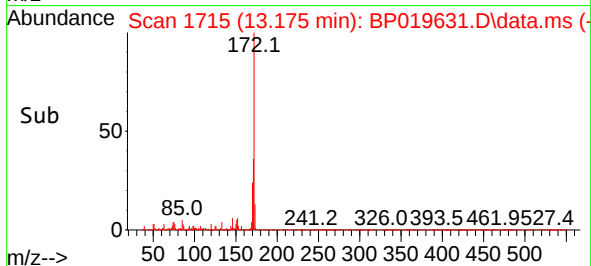
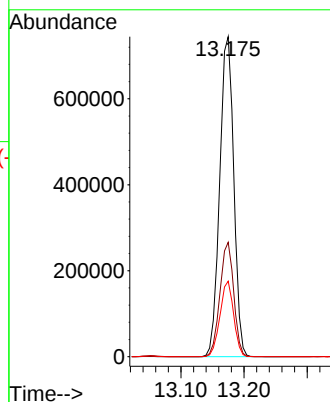
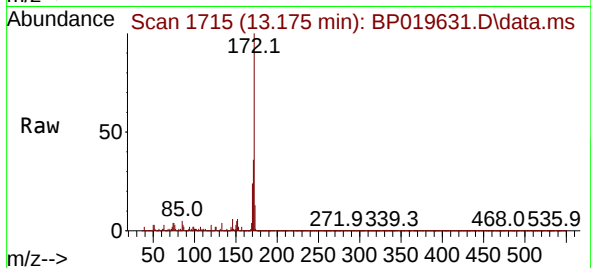
Tgt Ion:172 Resp: 1147984

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.280 ng

RT: 13.387 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

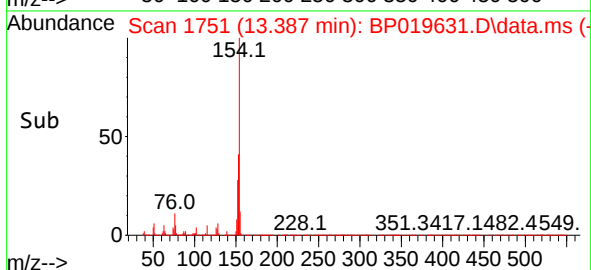
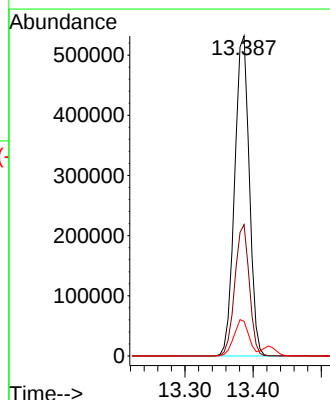
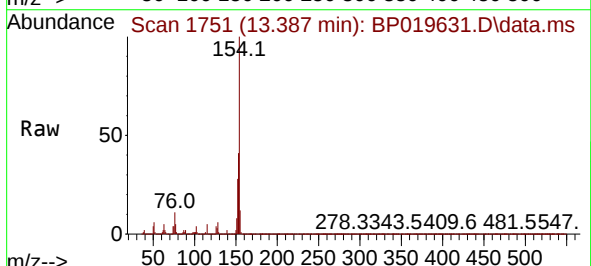
Tgt Ion:154 Resp: 795291

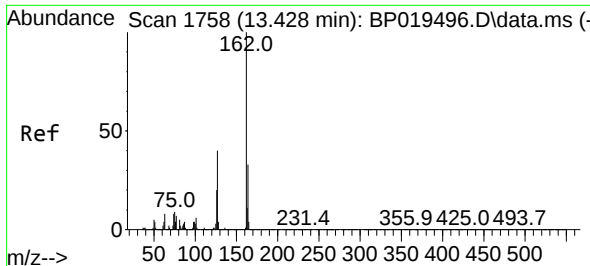
Ion Ratio Lower Upper

154 100

153 41.1 20.2 60.2

76 10.9 0.0 31.6

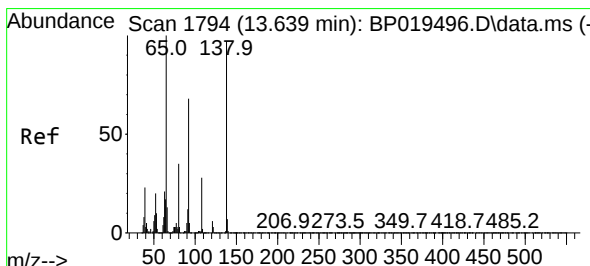
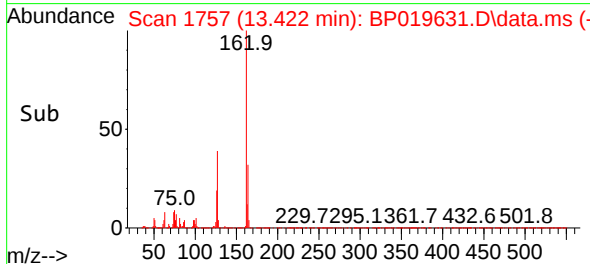
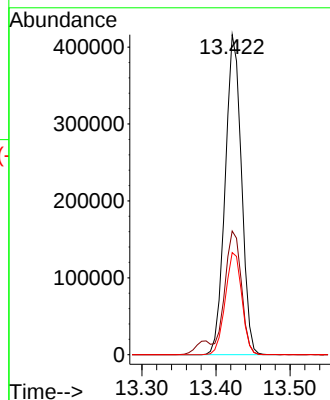
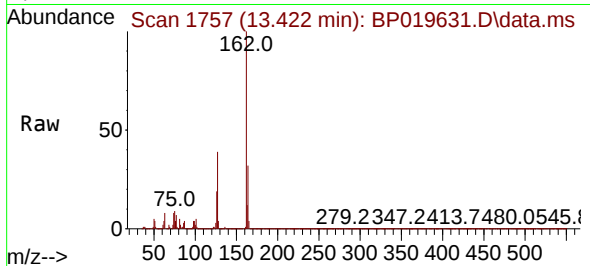




#47
2-Chloronaphthalene
Concen: 46.874 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

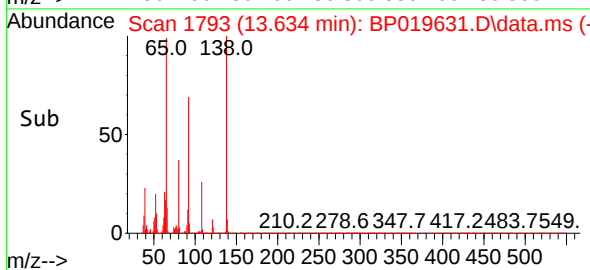
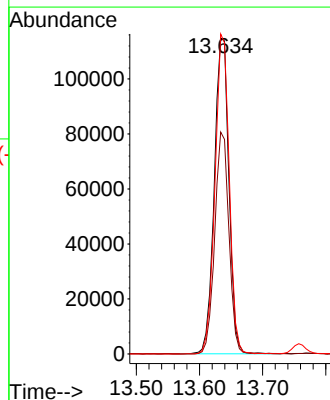
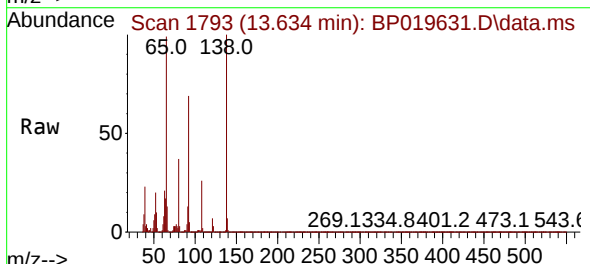
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

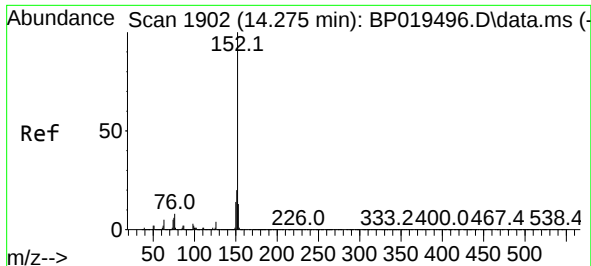
Tgt Ion:162 Resp: 633829
Ion Ratio Lower Upper
162 100
127 38.6 32.1 48.1
164 31.9 26.7 40.1



#48
2-Nitroaniline
Concen: 48.721 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion: 65 Resp: 184214
Ion Ratio Lower Upper
65 100
92 70.2 54.7 82.1
138 101.3 77.8 116.6

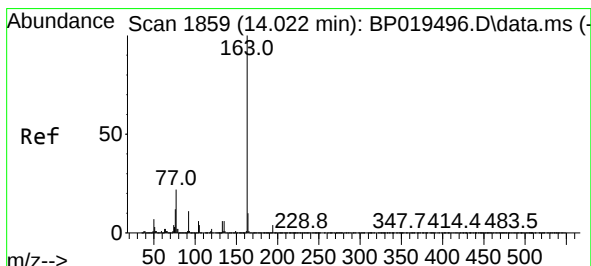
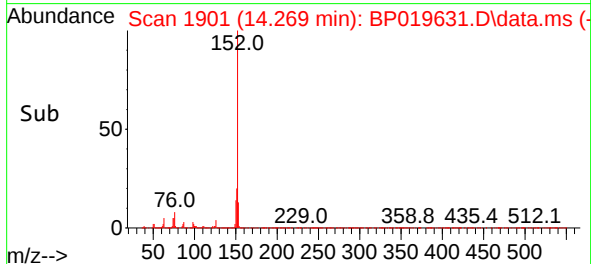
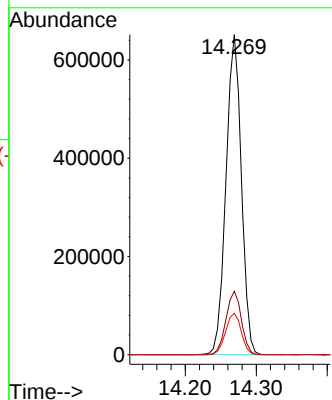
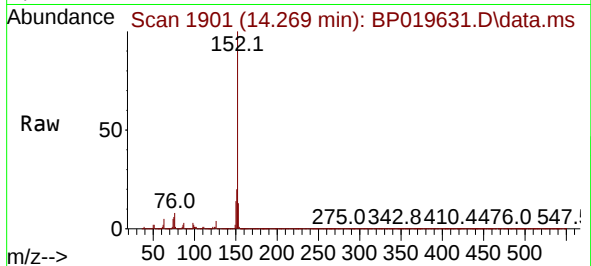




#49
Acenaphthylene
Concen: 51.428 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

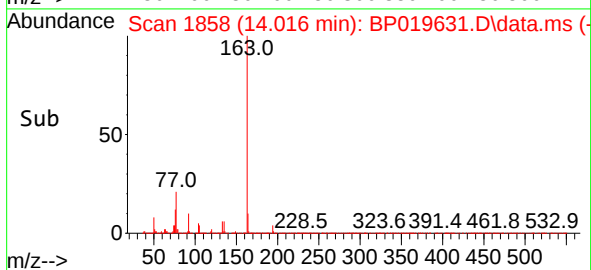
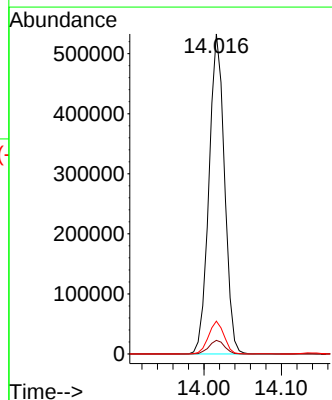
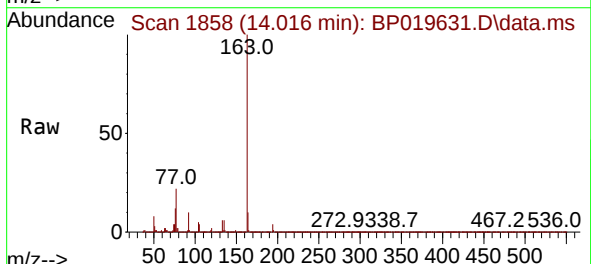
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

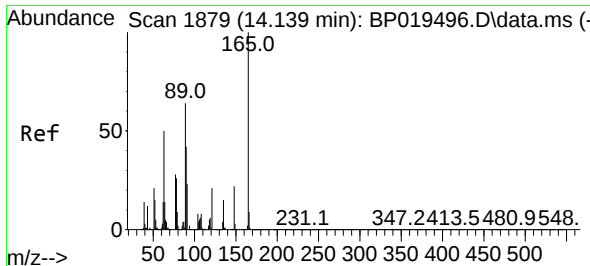
Tgt Ion:152 Resp: 975629
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 46.866 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:163 Resp: 740458
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 7.8 11.6

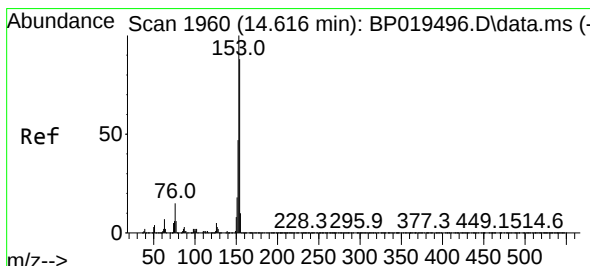
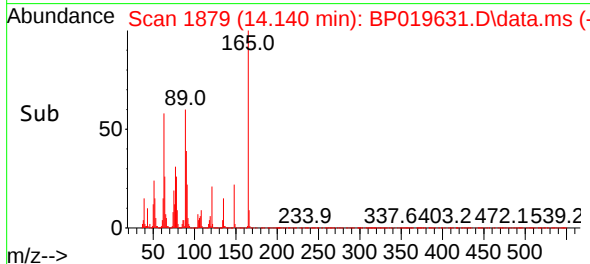
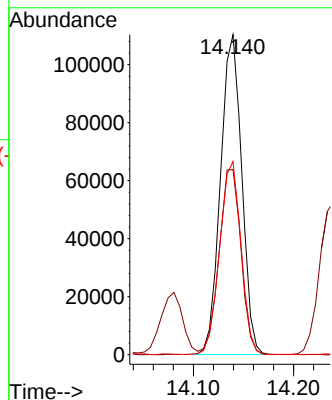
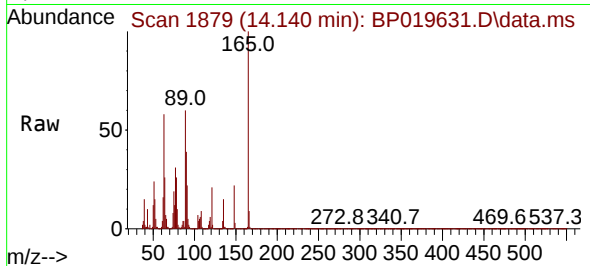




#51
2,6-Dinitrotoluene
Concen: 46.692 ng
RT: 14.140 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

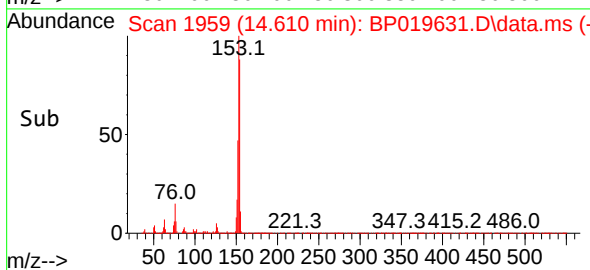
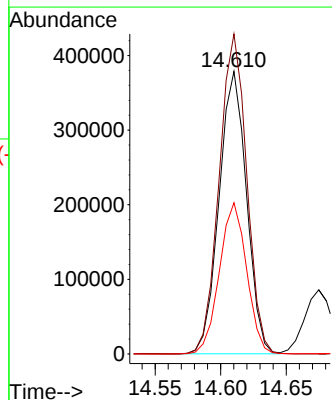
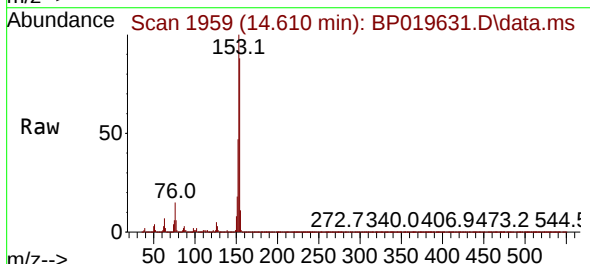
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

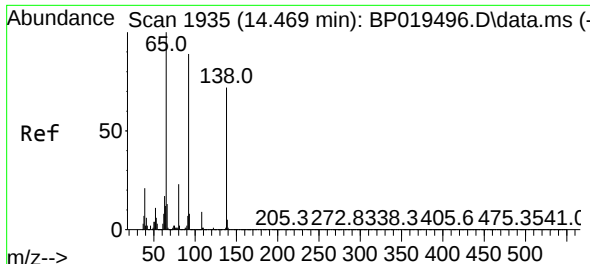
Tgt Ion:165 Resp: 162080
Ion Ratio Lower Upper
165 100
63 57.9 50.4 75.6
89 60.3 51.7 77.5



#52
Acenaphthene
Concen: 46.778 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:154 Resp: 550775
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 53.5 42.1 63.1

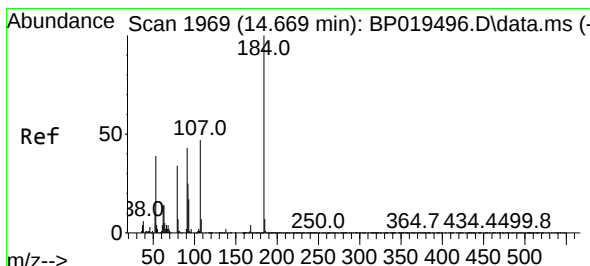
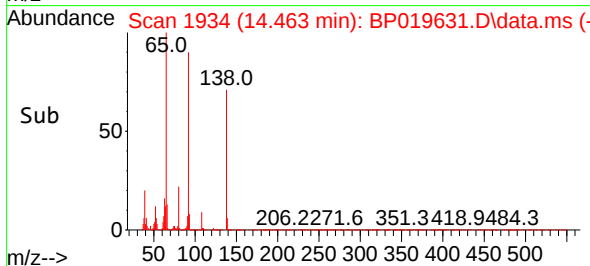
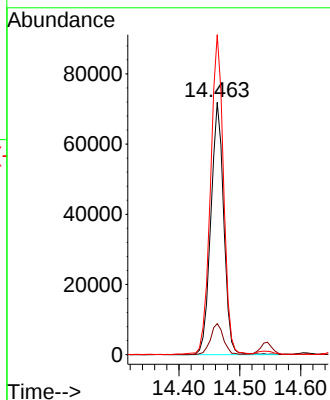
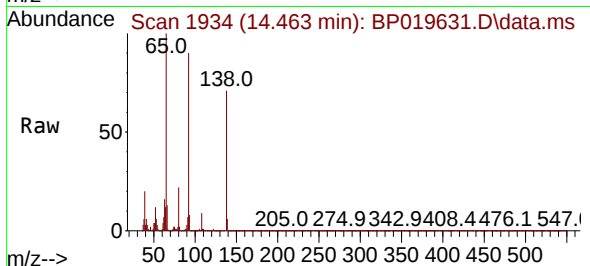




#53
3-Nitroaniline
Concen: 33.139 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

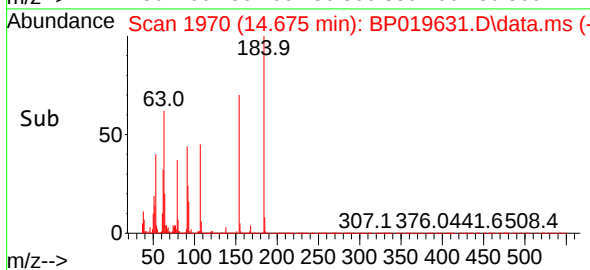
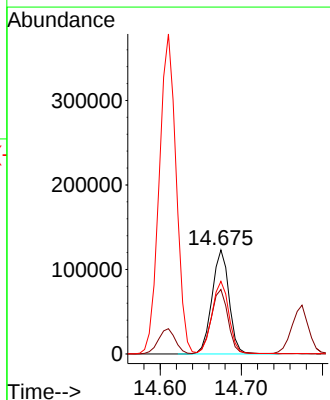
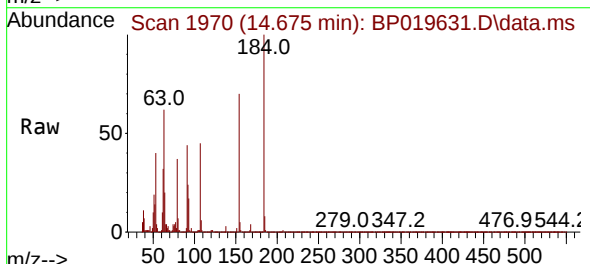
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

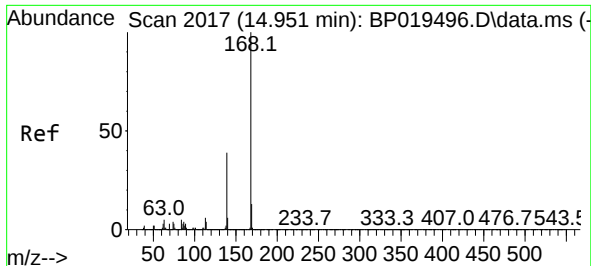
Tgt Ion:138 Resp: 105717
Ion Ratio Lower Upper
138 100
108 12.3 9.7 14.5
92 126.8 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 99.873 ng
RT: 14.675 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:184 Resp: 180002
Ion Ratio Lower Upper
184 100
63 62.1 50.5 75.7
154 69.9 53.4 80.0

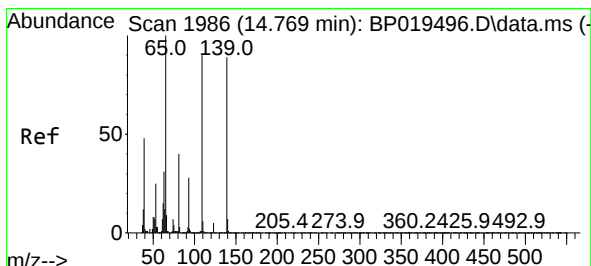
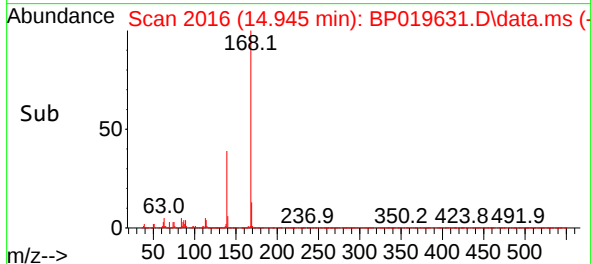
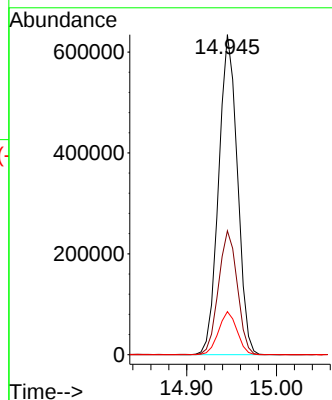
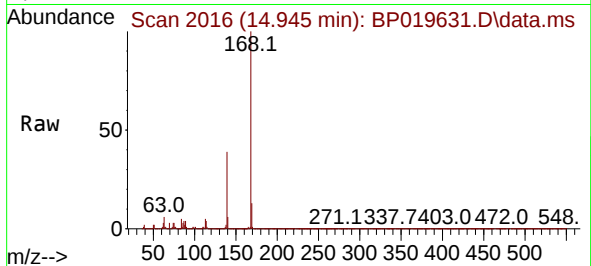




#55
Dibenzofuran
Concen: 47.984 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

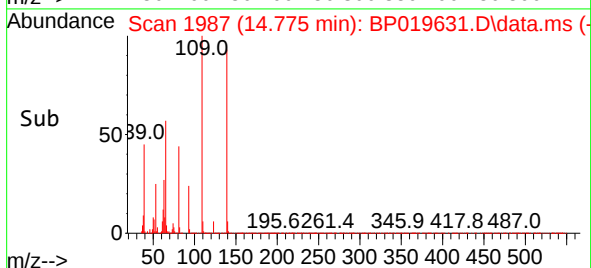
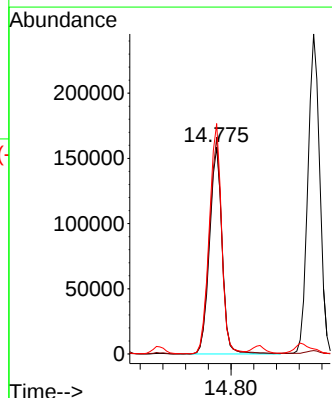
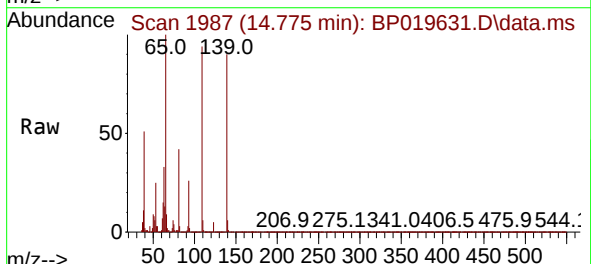
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

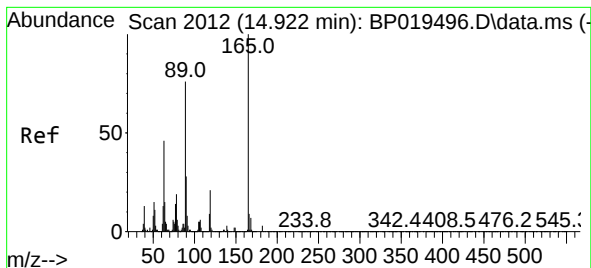
Tgt Ion:168 Resp: 920171
Ion Ratio Lower Upper
168 100
139 38.7 31.5 47.3
169 13.4 10.3 15.5



#56
4-Nitrophenol
Concen: 92.727 ng
RT: 14.775 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:139 Resp: 242455
Ion Ratio Lower Upper
139 100
109 104.9 82.0 122.0
65 111.5 92.9 132.9

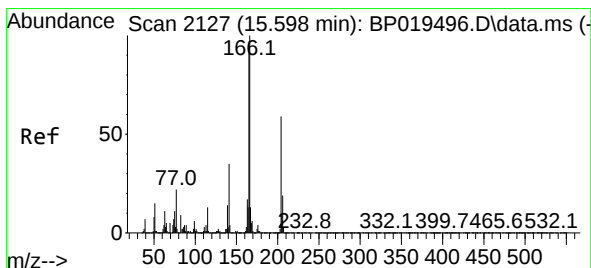
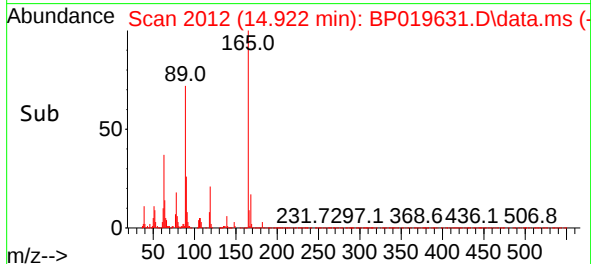
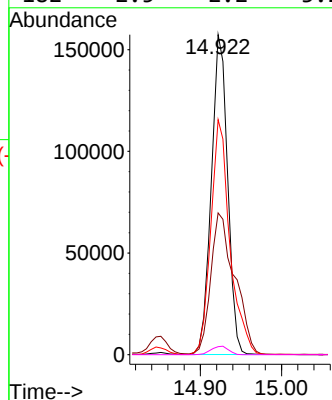
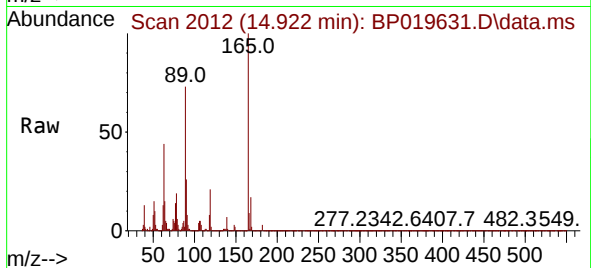




#57
2,4-Dinitrotoluene
Concen: 48.162 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

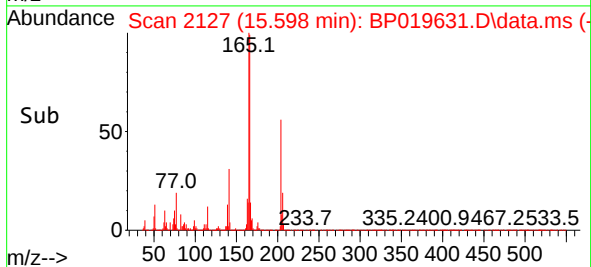
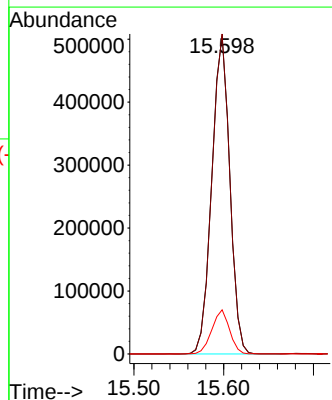
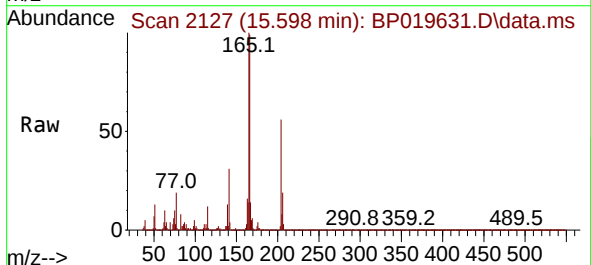
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

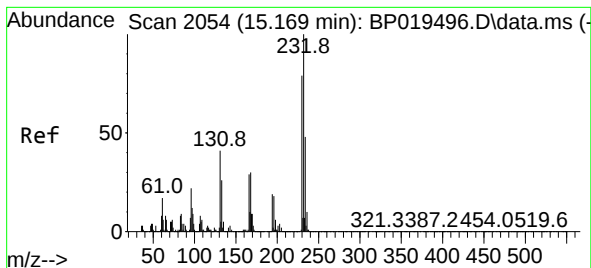
Tgt Ion:165 Resp: 219083
Ion Ratio Lower Upper
165 100
63 44.3 36.9 55.3
89 73.5 61.1 91.7
182 2.5 2.2 3.2



#58
Fluorene
Concen: 46.110 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:166 Resp: 704274
Ion Ratio Lower Upper
166 100
165 100.7 77.8 116.8
167 13.9 10.7 16.1



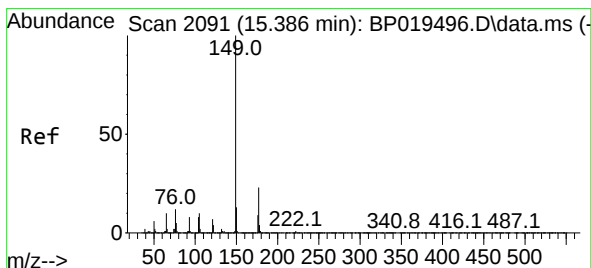
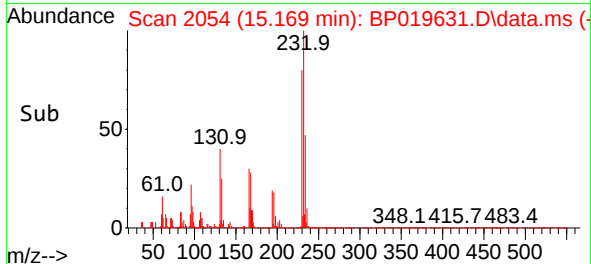
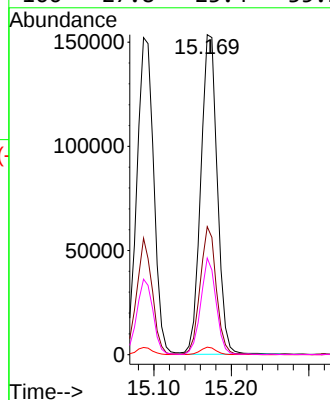
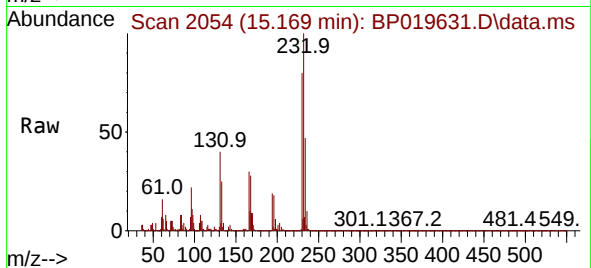


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.997 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Tgt Ion:232 Resp: 227019

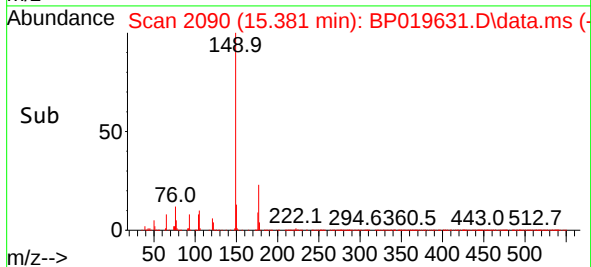
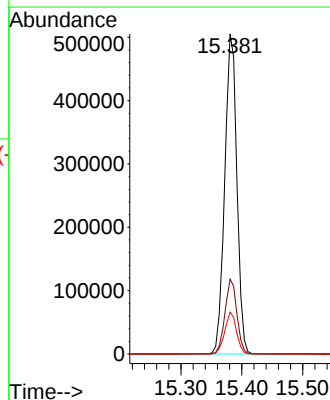
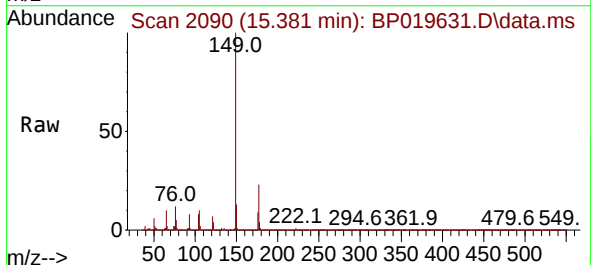
Ion	Ratio	Lower	Upper
232	100		
131	39.0	32.4	48.6
130	2.3	1.9	2.9
166	27.8	23.4	35.2

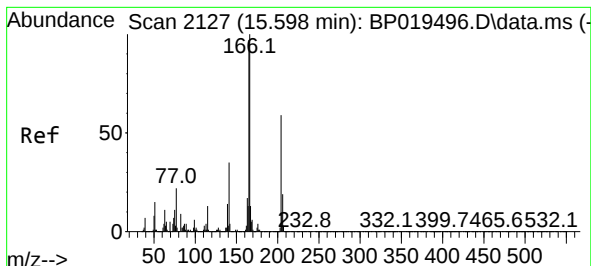


#60
Diethylphthalate
Concen: 44.431 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:149 Resp: 698230

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.2	27.2
150	13.0	10.2	15.4

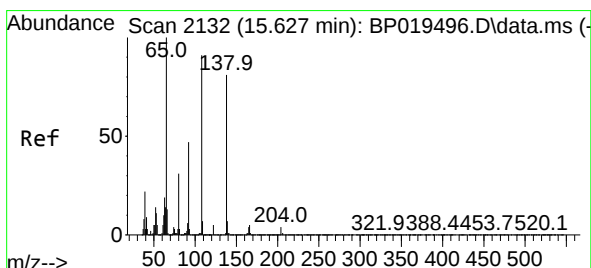
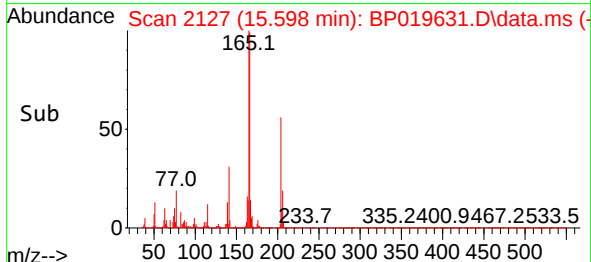
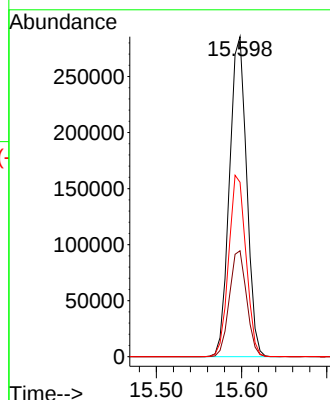
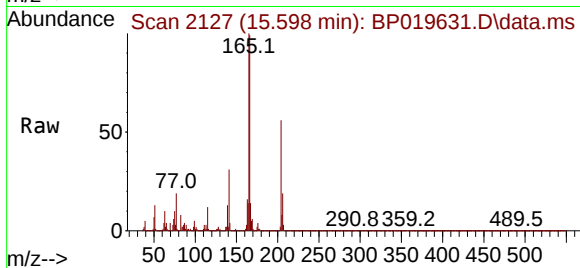




#61
4-Chlorophenyl-phenylether
Concen: 46.605 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

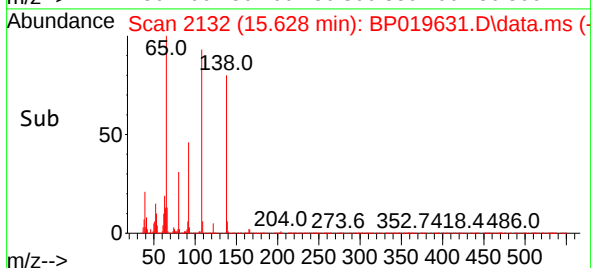
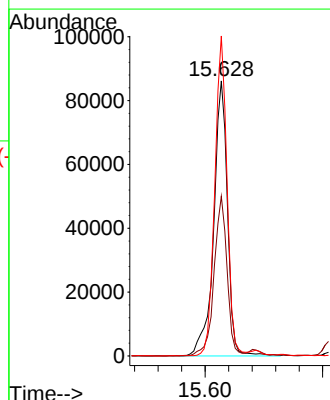
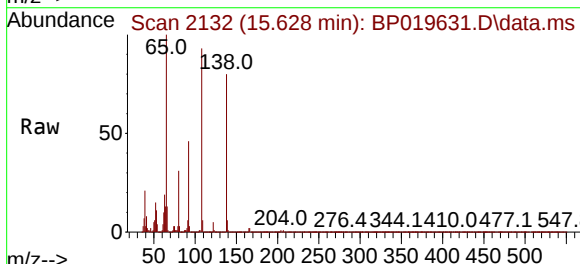
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

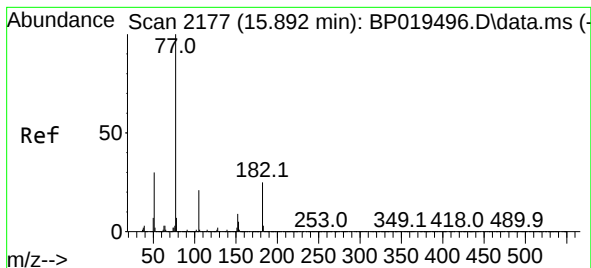
Tgt Ion:204 Resp: 400086
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 54.5 48.5 72.7



#62
4-Nitroaniline
Concen: 42.033 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:138 Resp: 140551
Ion Ratio Lower Upper
138 100
92 58.1 38.3 78.3
108 116.3 91.2 131.2





#63

Azobenzene

Concen: 44.570 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

Tgt Ion: 77 Resp: 677310

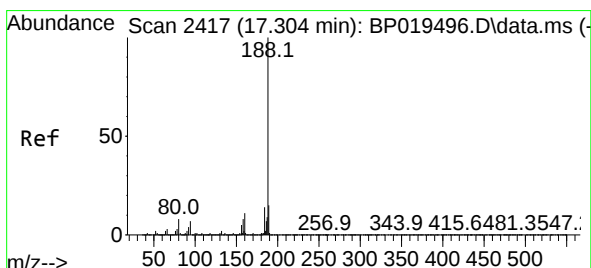
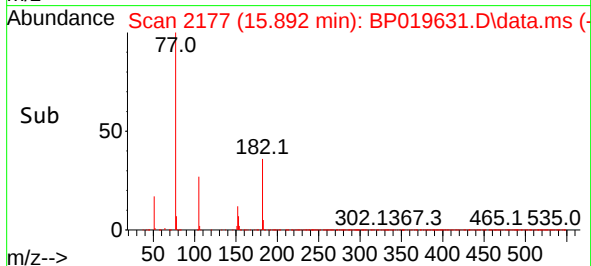
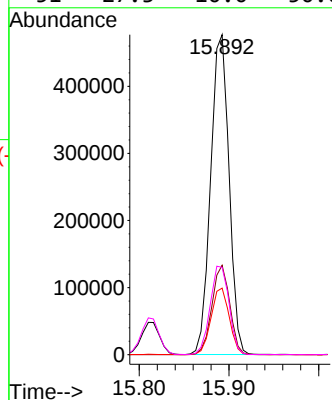
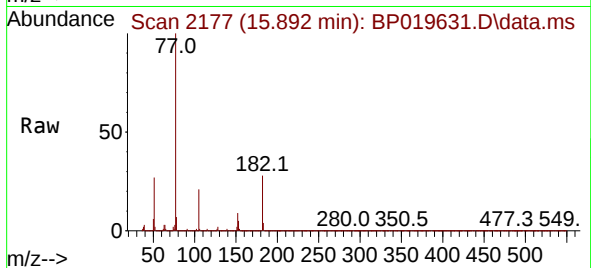
Ion Ratio Lower Upper

77 100

182 28.0 5.1 45.1

105 20.8 0.8 40.8

51 27.3 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

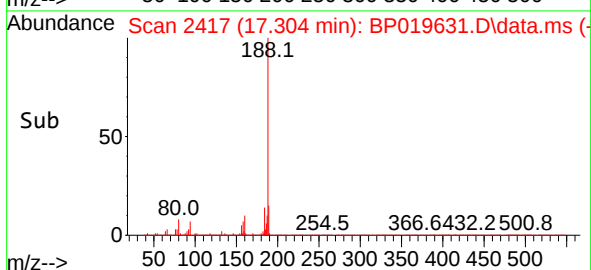
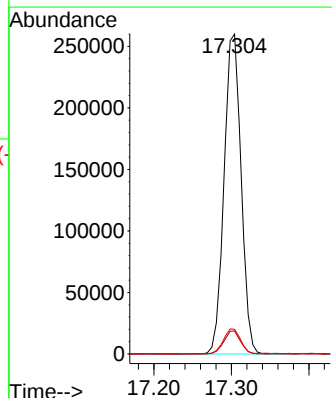
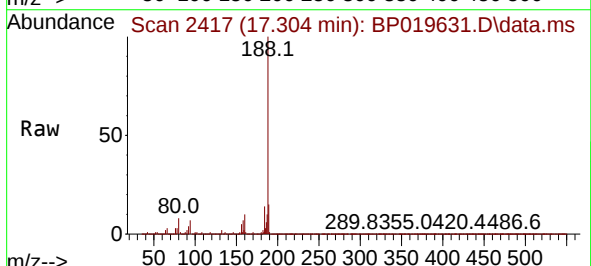
Tgt Ion: 188 Resp: 396497

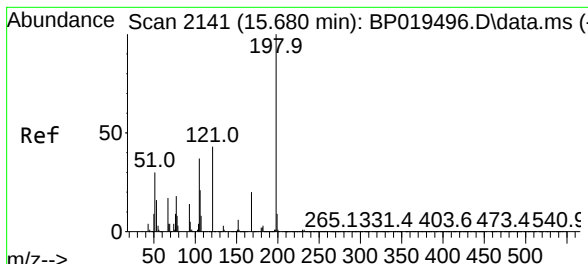
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 7.7 6.3 9.5

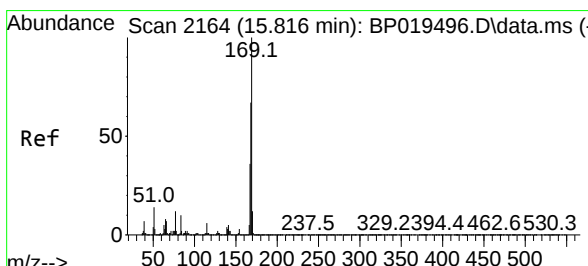
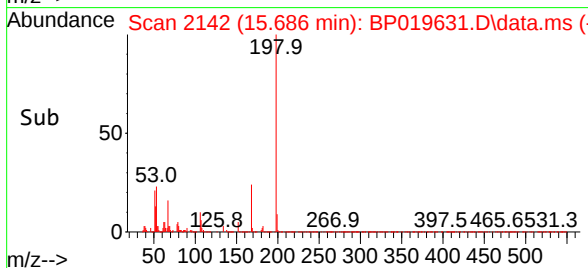
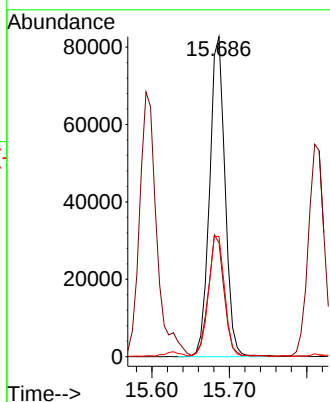
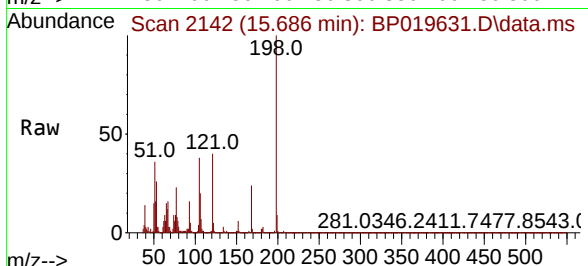




#65
4,6-Dinitro-2-methylphenol
Concen: 50.541 ng
RT: 15.686 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

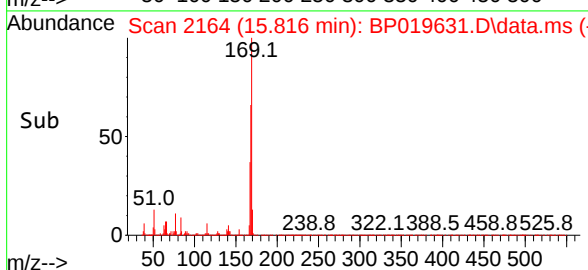
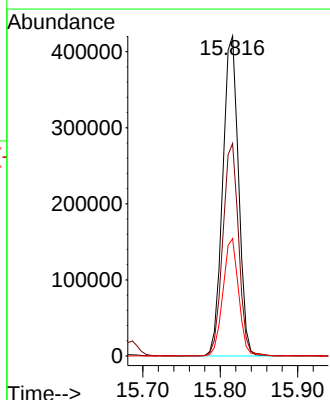
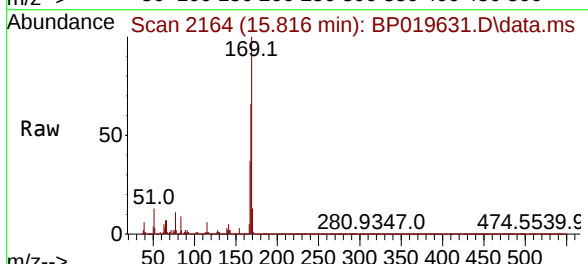
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

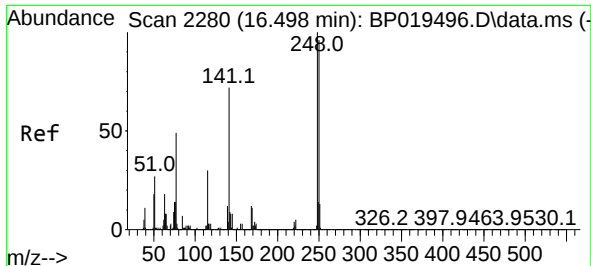
Tgt Ion:198 Resp: 114265
Ion Ratio Lower Upper
198 100
51 35.7 21.2 61.2
105 37.6 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 50.308 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:169 Resp: 597386
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 36.6 28.9 43.3

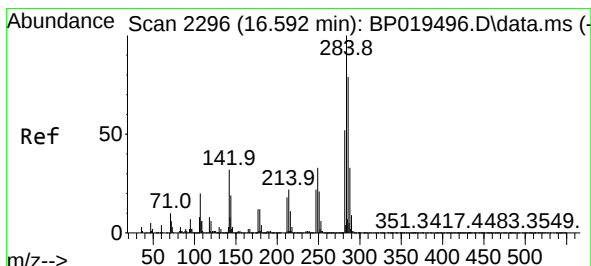
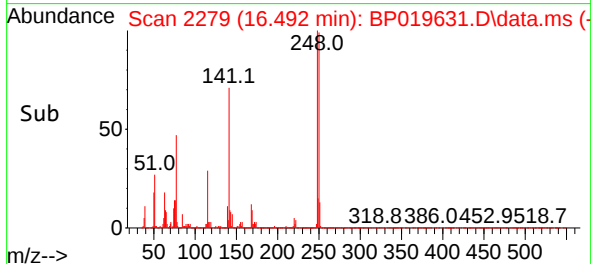
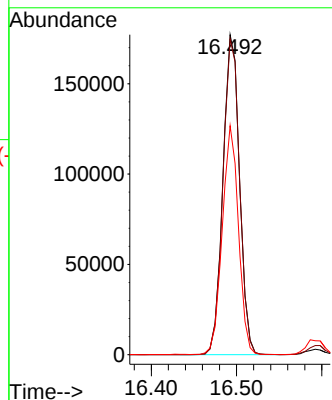
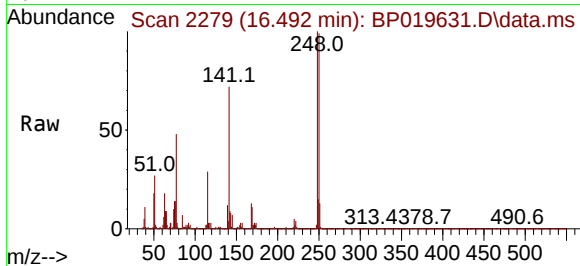




#67
4-Bromophenyl-phenylether
Concen: 48.348 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

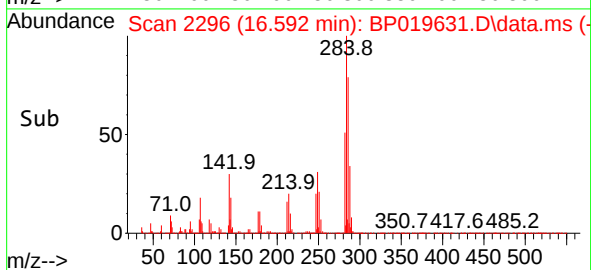
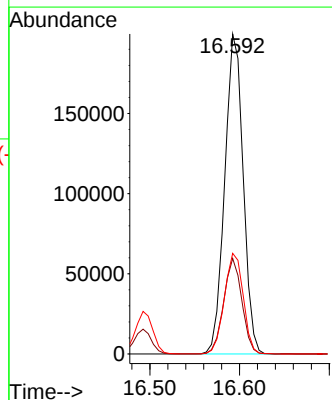
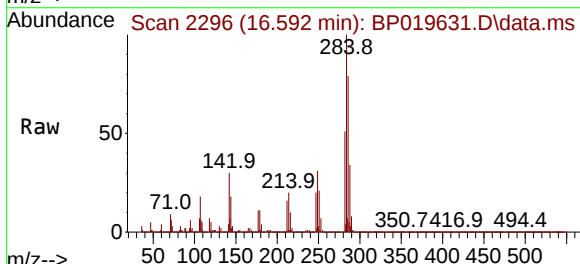
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

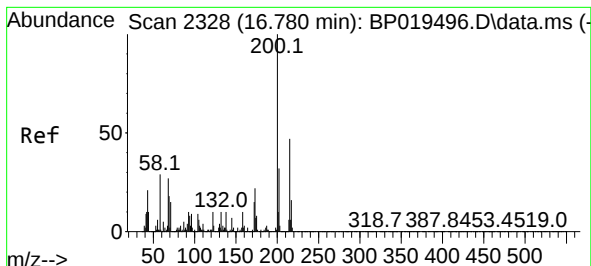
Tgt Ion:248 Resp: 239644
Ion Ratio Lower Upper
248 100
250 98.7 76.9 115.3
141 71.6 58.0 87.0



#68
Hexachlorobenzene
Concen: 49.162 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:284 Resp: 284565
Ion Ratio Lower Upper
284 100
142 29.9 25.4 38.2
249 31.5 26.5 39.7





#69

Atrazine

Concen: 55.155 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

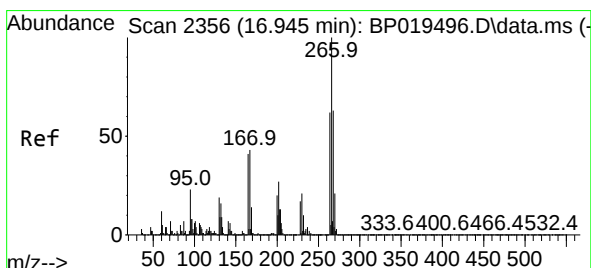
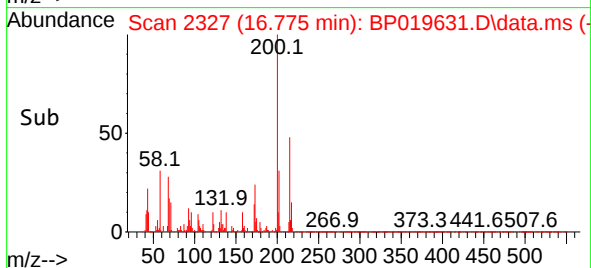
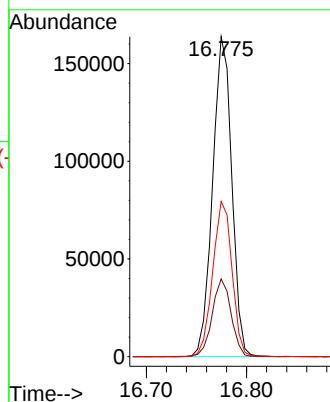
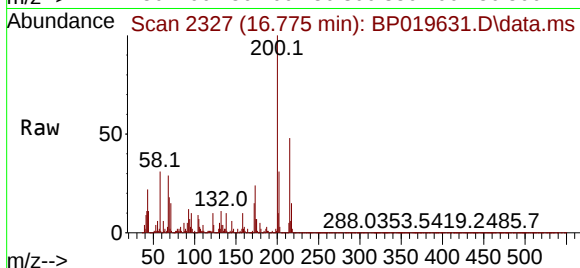
Tgt Ion:200 Resp: 217333

Ion Ratio Lower Upper

200 100

173 24.3 1.7 41.7

215 48.5 26.9 66.9



#70

Pentachlorophenol

Concen: 95.644 ng

RT: 16.945 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

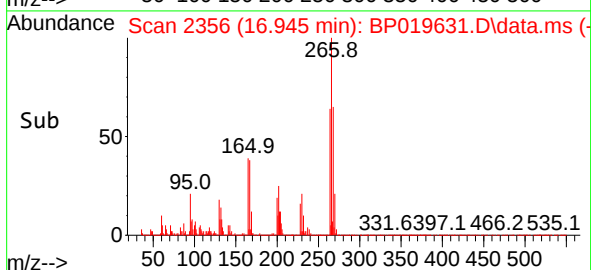
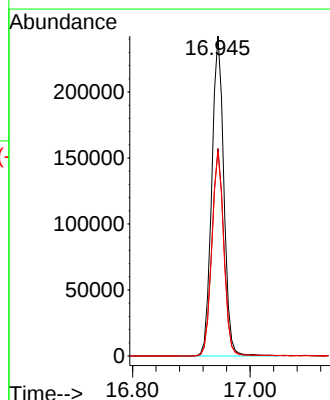
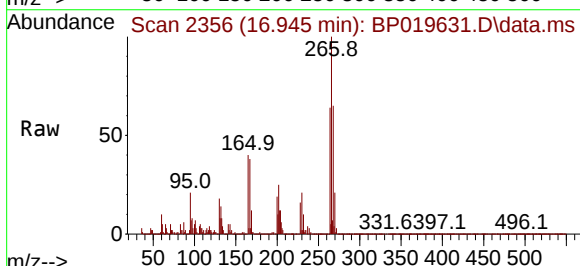
Tgt Ion:266 Resp: 344760

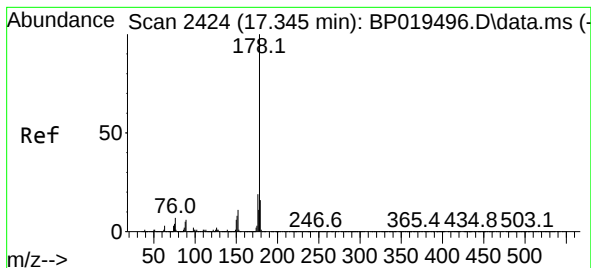
Ion Ratio Lower Upper

266 100

268 64.9 50.3 75.5

264 63.9 49.7 74.5





#71

Phenanthrene

Concen: 50.222 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

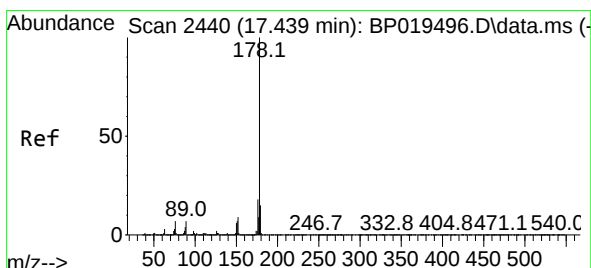
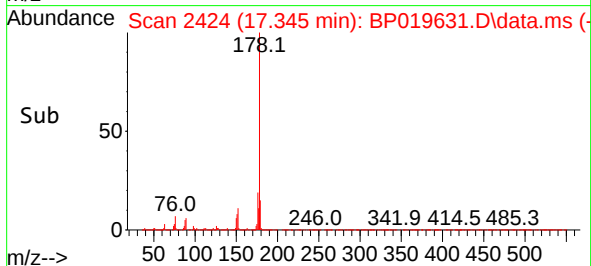
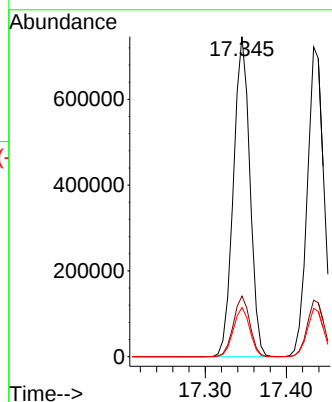
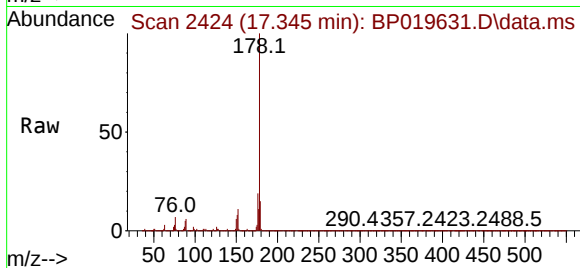
Tgt Ion:178 Resp: 1047954

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.3 12.6 19.0



#72

Anthracene

Concen: 49.195 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

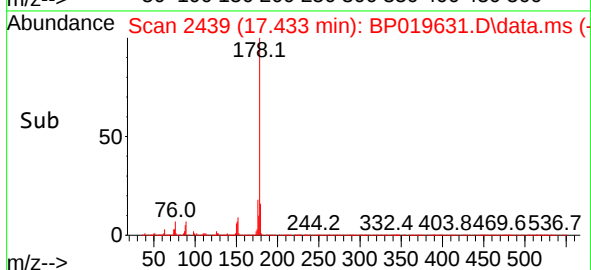
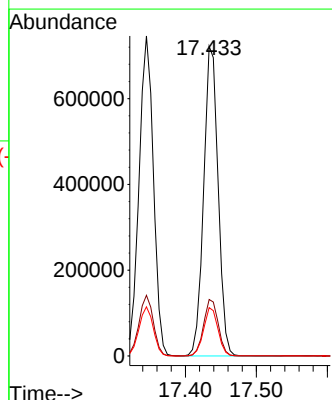
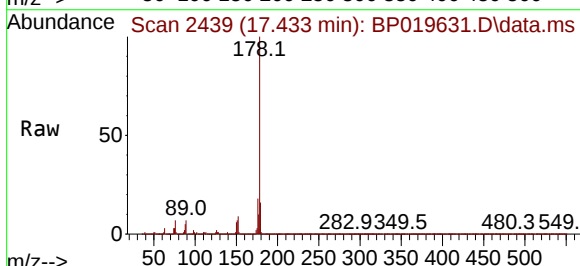
Tgt Ion:178 Resp: 1024015

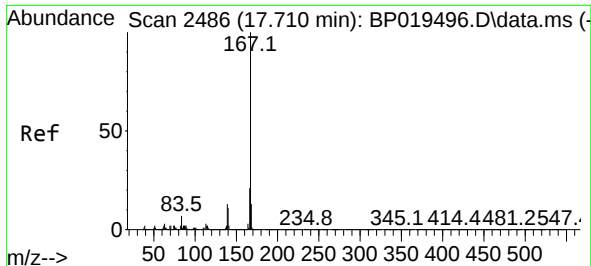
Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

179 15.6 12.2 18.2

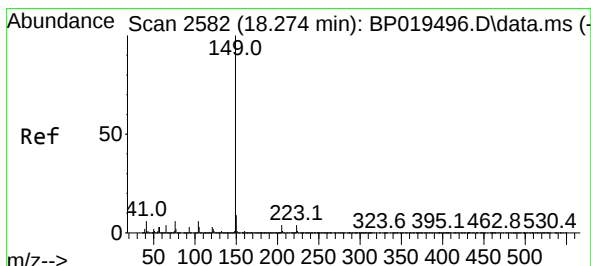
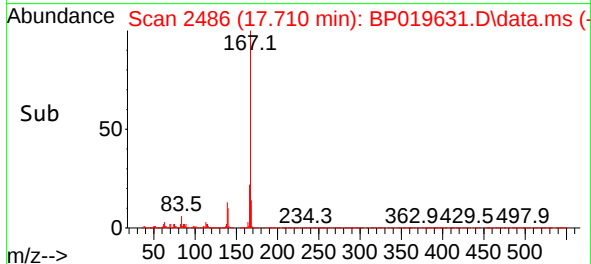
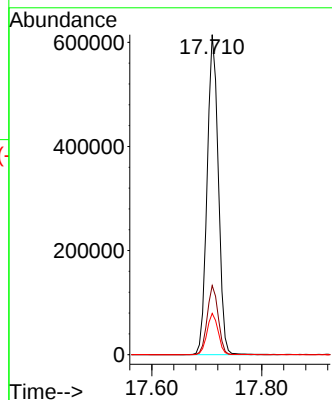
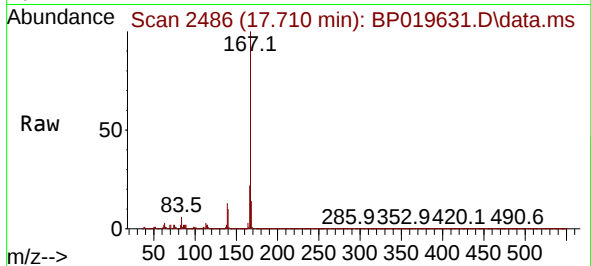




#73
Carbazole
Concen: 45.803 ng
RT: 17.710 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

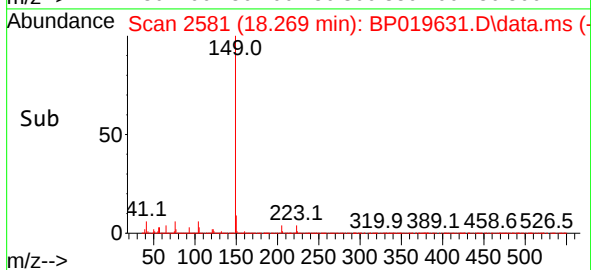
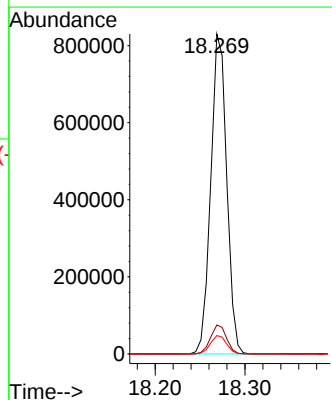
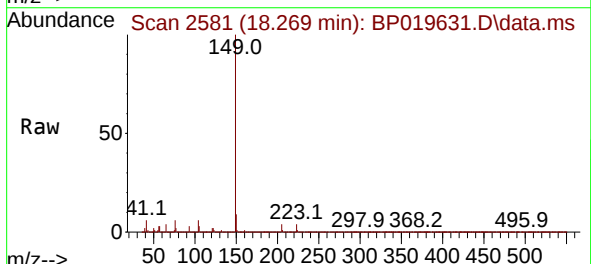
Instrument :
BNA_P
ClientSampleId :
TP-5MSD

Tgt Ion:167 Resp: 866112
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 12.9 10.6 15.8



#74
Di-n-butylphthalate
Concen: 44.715 ng
RT: 18.269 min Scan# 2581
Delta R.T. -0.006 min
Lab File: BP019631.D
Acq: 09 Feb 2024 14:29

Tgt Ion:149 Resp: 1022380
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.8 4.8 7.2



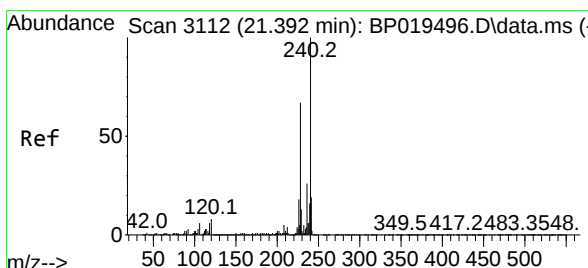
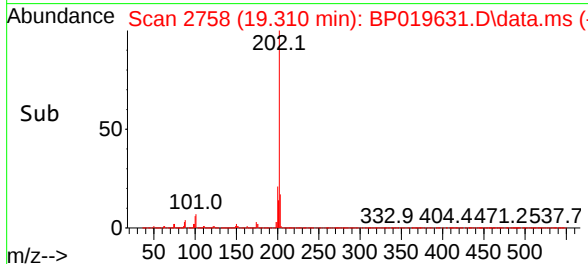
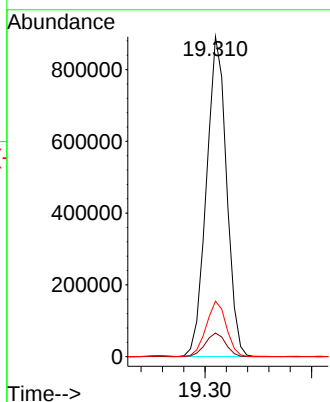
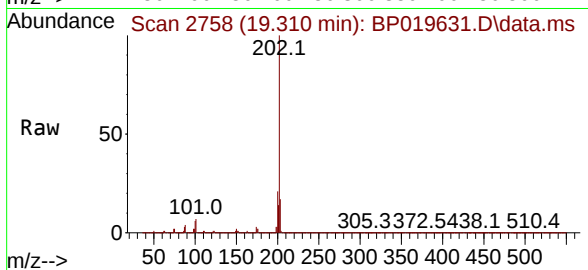


#75
 Fluoranthene
 Concen: 45.919 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019631.D
 Acq: 09 Feb 2024 14:29

Instrument :
 BNA_P
 ClientSampleId :
 TP-5MSD

Tgt Ion:202 Resp: 1170485

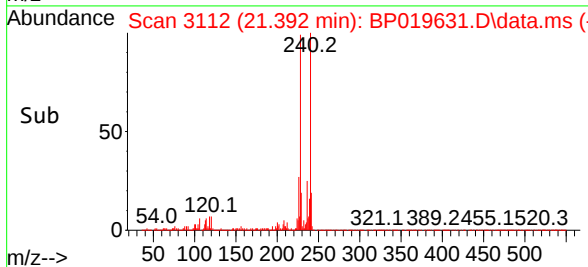
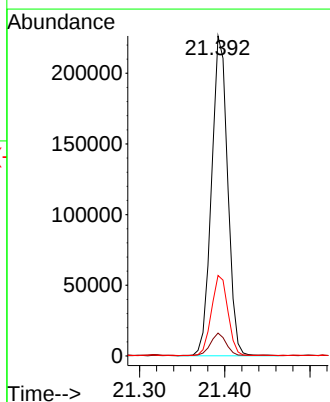
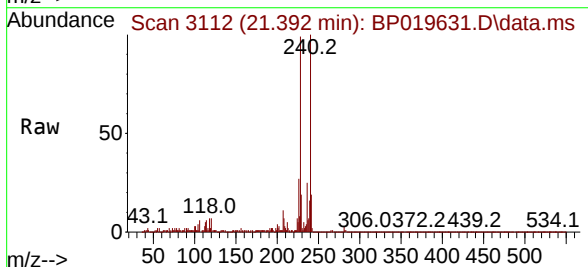
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	17.4	0.0	37.5

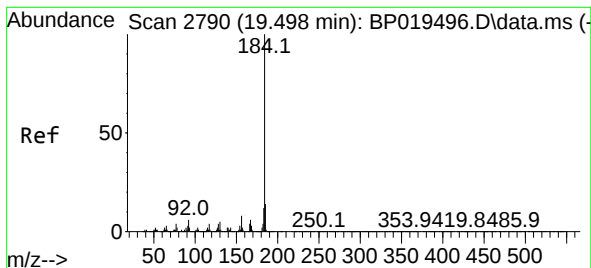


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019631.D
 Acq: 09 Feb 2024 14:29

Tgt Ion:240 Resp: 297066

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.1	9.1
236	25.2	20.7	31.1





#77

Benzidine

Concen: 61.907 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

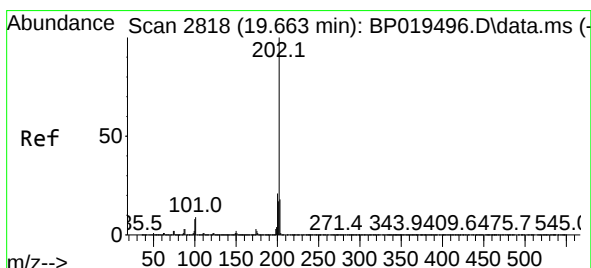
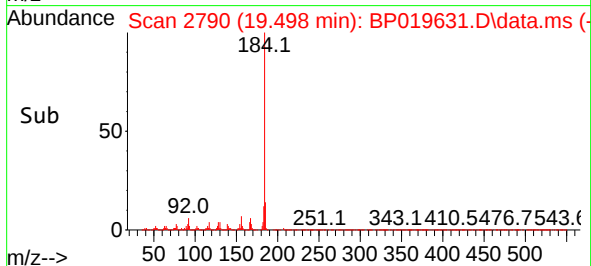
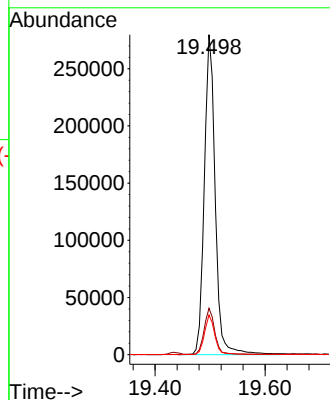
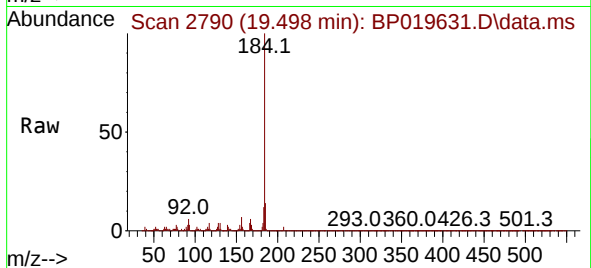
Tgt Ion:184 Resp: 384482

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

183 12.4 9.7 14.5



#78

Pyrene

Concen: 56.060 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

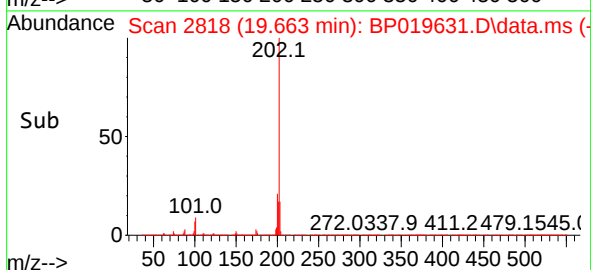
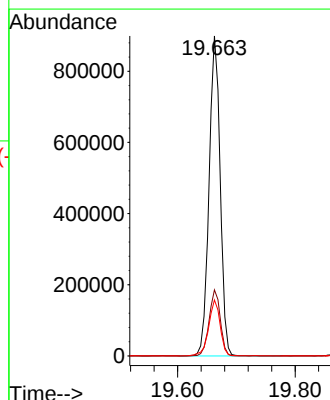
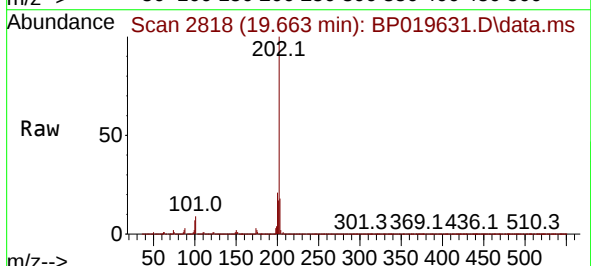
Tgt Ion:202 Resp: 1175330

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 74.674 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

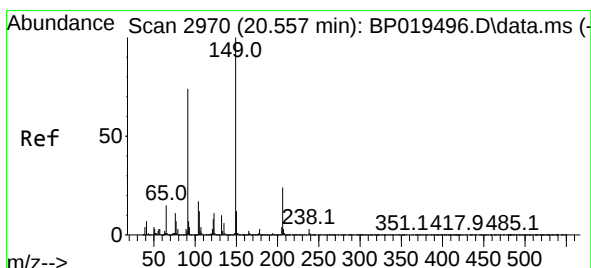
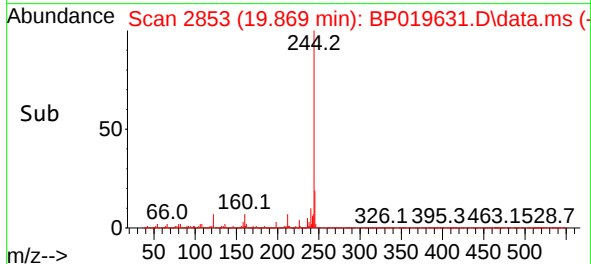
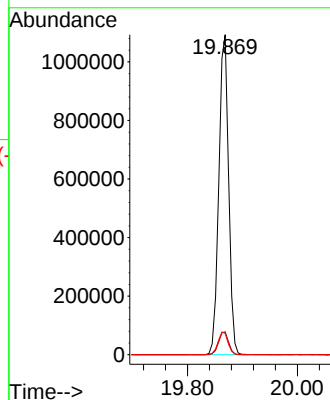
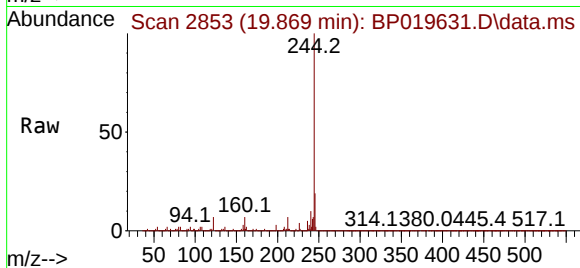
Tgt Ion:244 Resp: 1348900

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.6 5.9 8.9



#80

Butylbenzylphthalate

Concen: 51.463 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

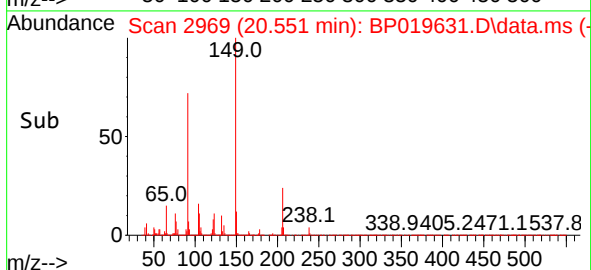
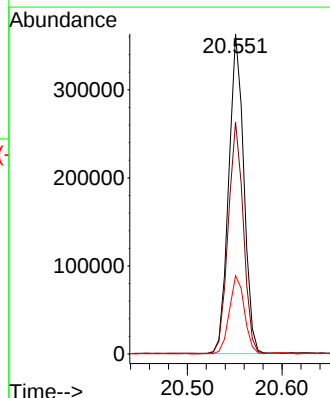
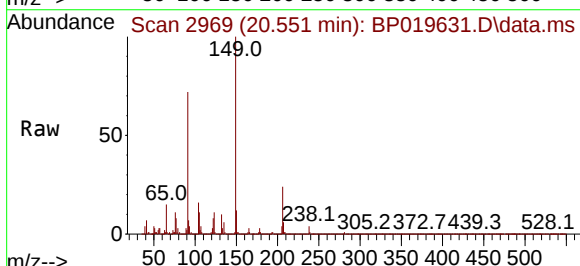
Tgt Ion:149 Resp: 402933

Ion Ratio Lower Upper

149 100

91 72.5 59.4 89.0

206 24.5 19.0 28.6





#81

Benzo(a)anthracene

Concen: 51.088 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

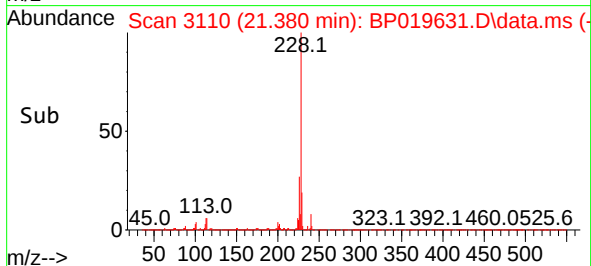
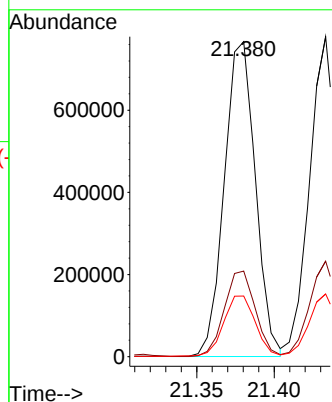
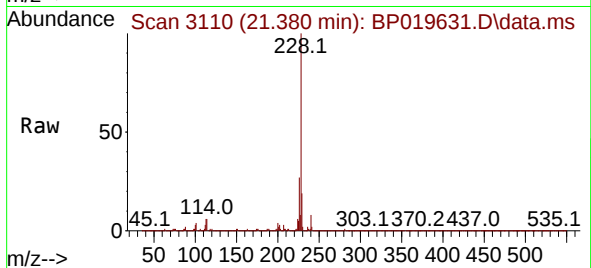
Tgt Ion:228 Resp: 1068305

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.488 ng

RT: 21.316 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

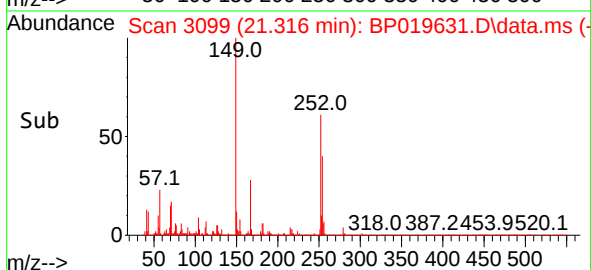
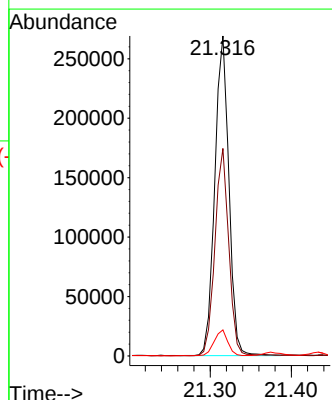
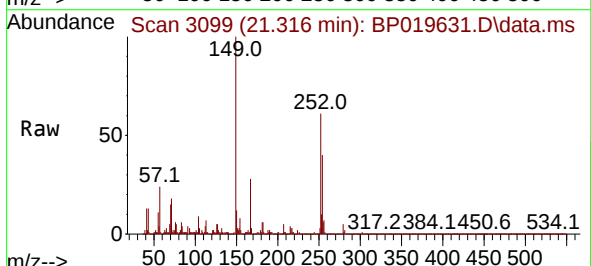
Tgt Ion:252 Resp: 323763

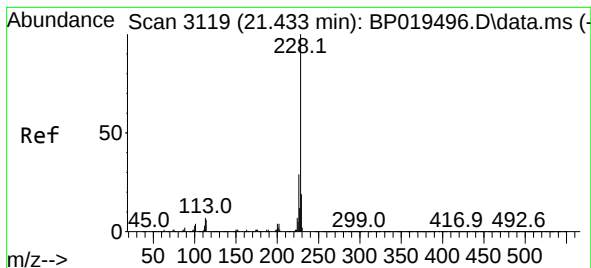
Ion Ratio Lower Upper

252 100

254 64.9 50.7 76.1

126 8.2 6.4 9.6





#83

Chrysene

Concen: 49.513 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

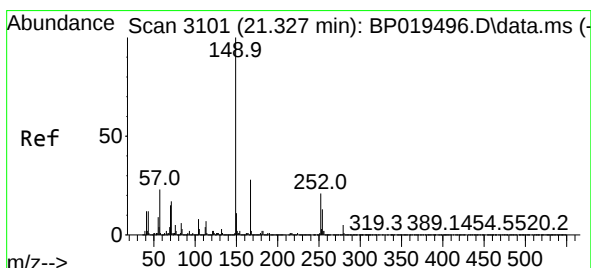
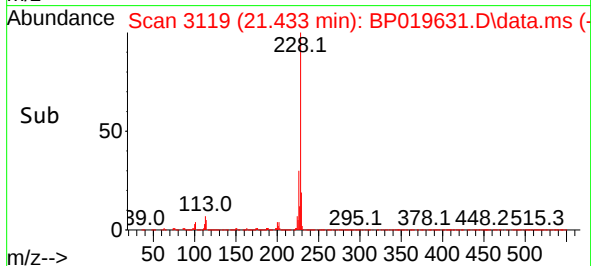
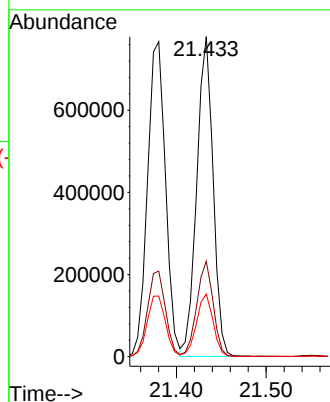
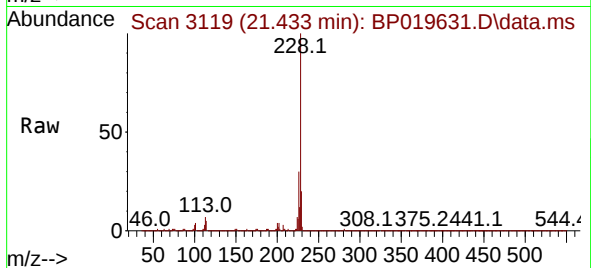
Tgt Ion:228 Resp: 983007

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.373 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

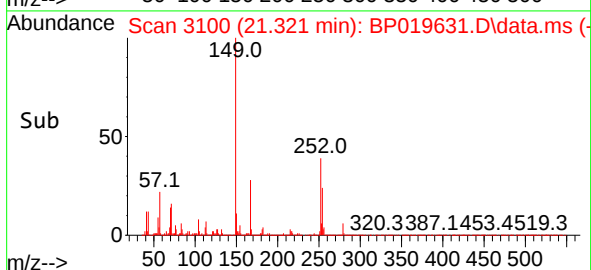
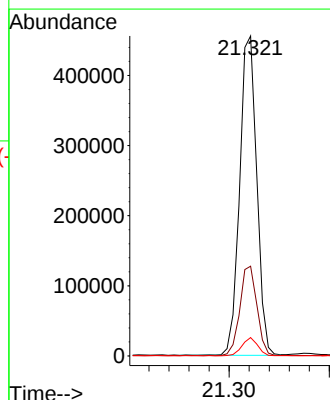
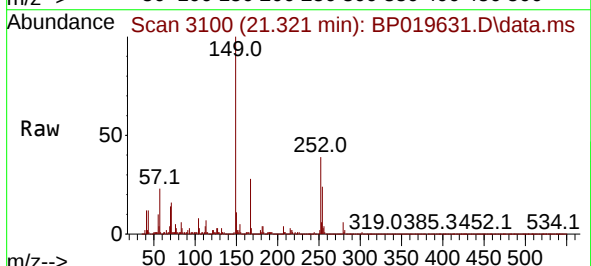
Tgt Ion:149 Resp: 540957

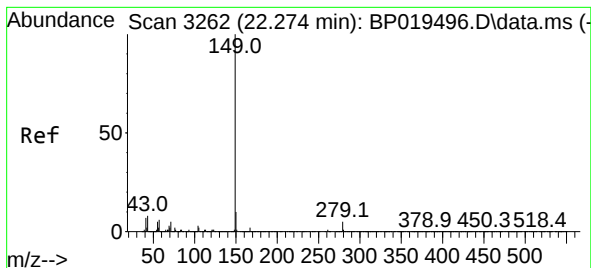
Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 5.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 43.803 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

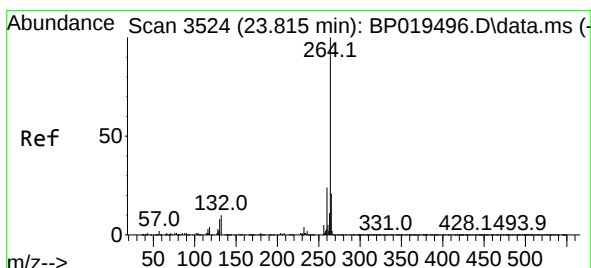
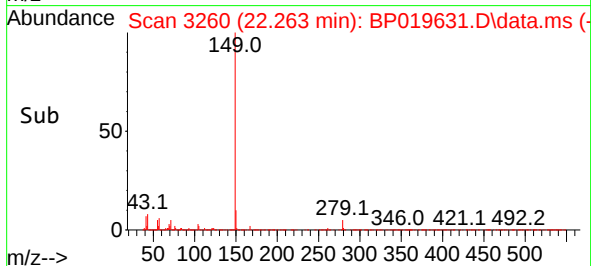
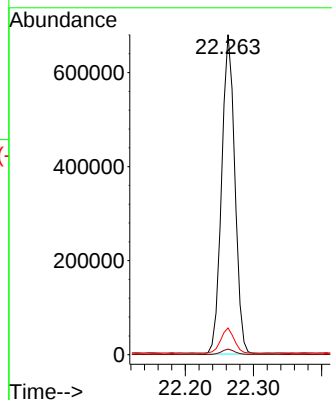
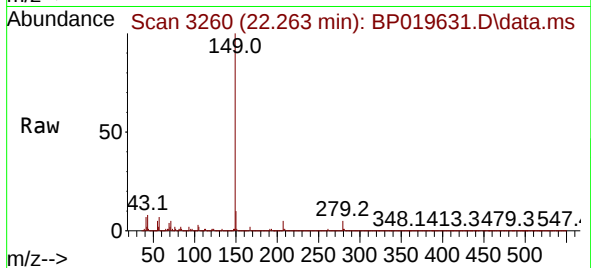
Tgt Ion:149 Resp: 918828

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: 23.815 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

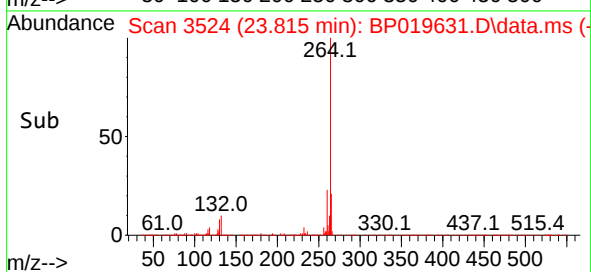
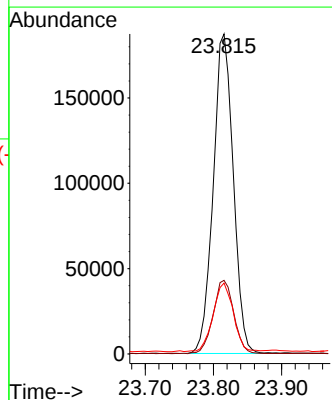
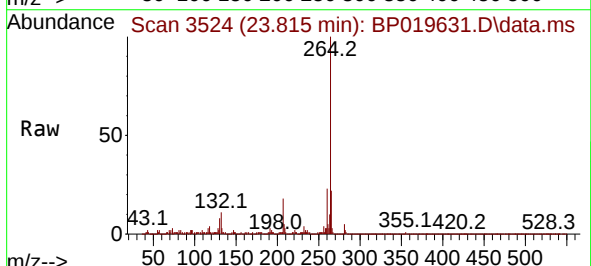
Tgt Ion:264 Resp: 383822

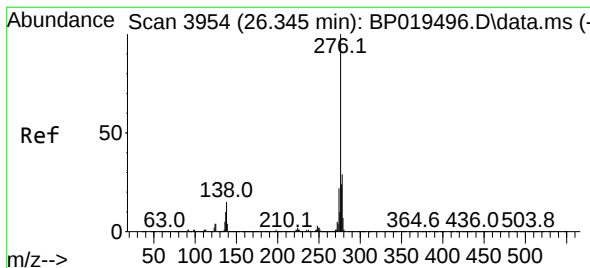
Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.494 ng

RT: 26.357 min Scan# 3956

Delta R.T. 0.012 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

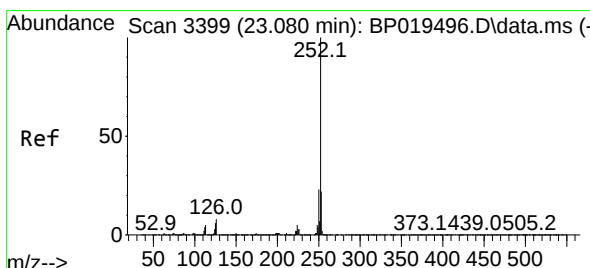
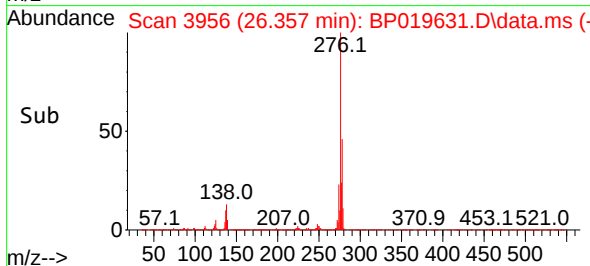
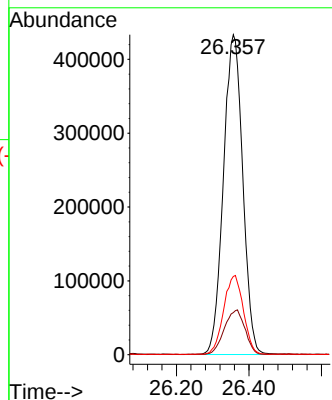
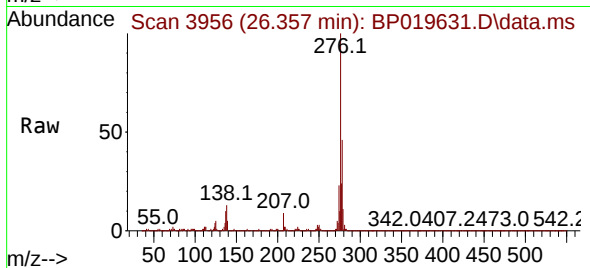
Tgt Ion:276 Resp: 1601035

Ion Ratio Lower Upper

276 100

138 14.8 13.1 19.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 48.211 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

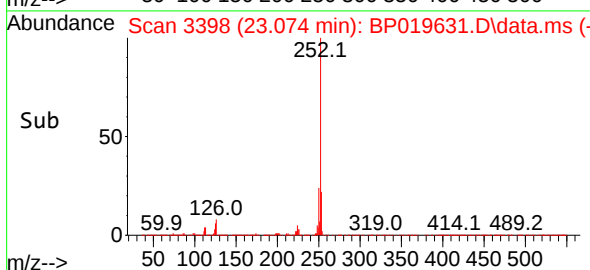
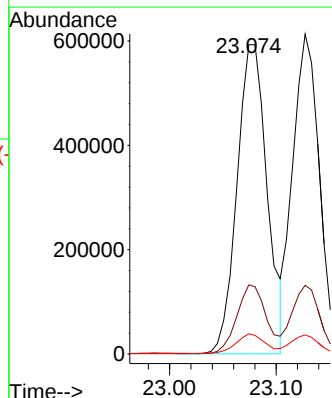
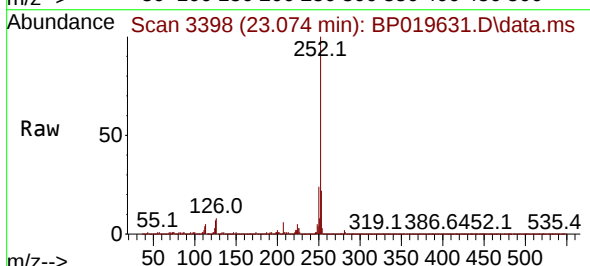
Tgt Ion:252 Resp: 1166241

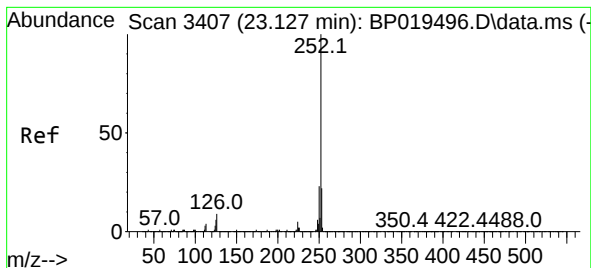
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 6.5 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 45.889 ng

RT: 23.127 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

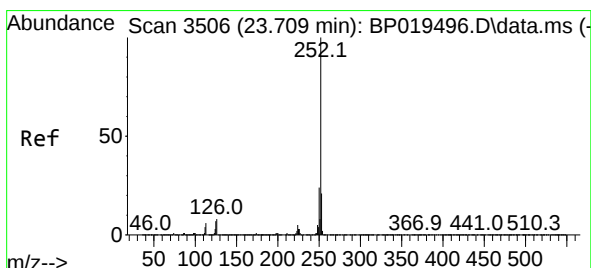
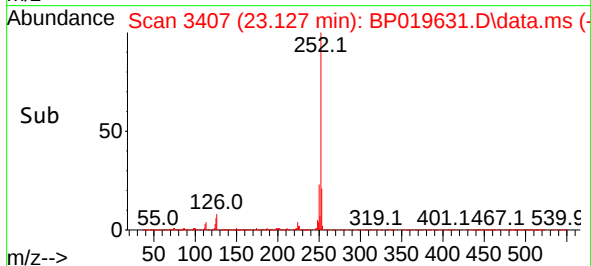
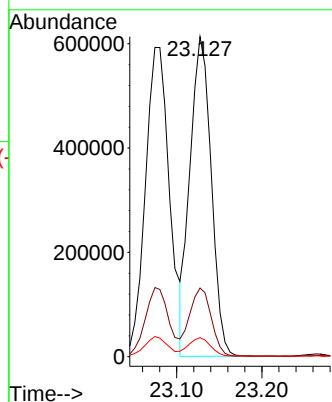
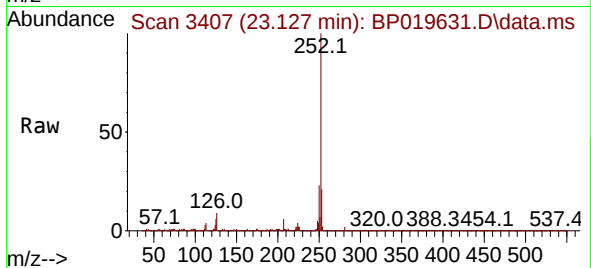
Tgt Ion:252 Resp: 1060374

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 6.0 5.0 7.6



#90

Benzo(a)pyrene

Concen: 50.377 ng

RT: 23.710 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

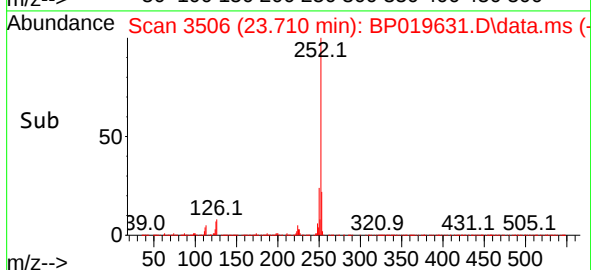
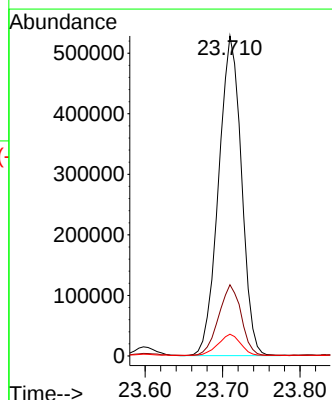
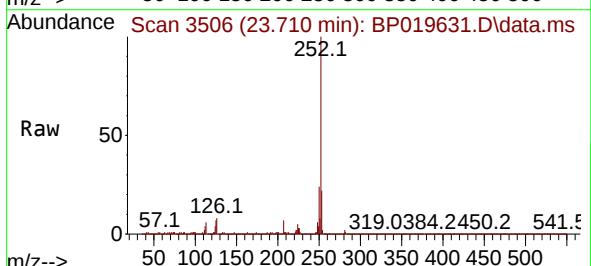
Tgt Ion:252 Resp: 1084317

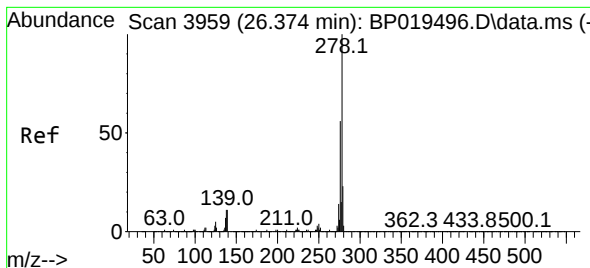
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 6.8 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 53.205 ng

RT: 26.380 min Scan# 3959

Delta R.T. 0.006 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

TP-5MSD

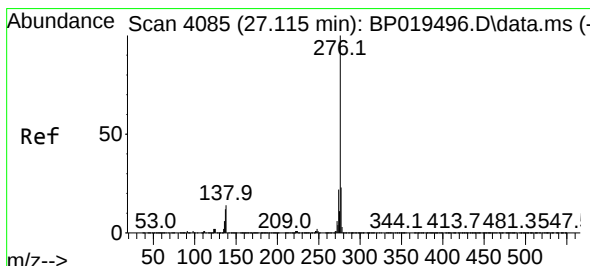
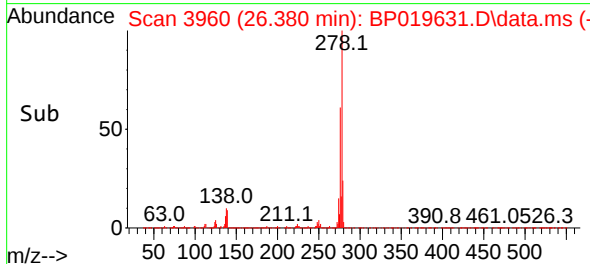
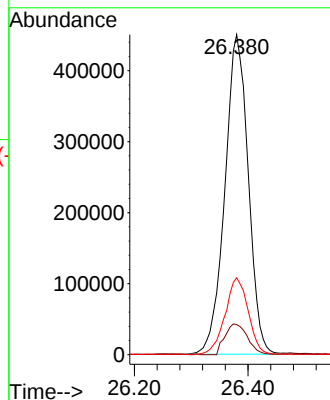
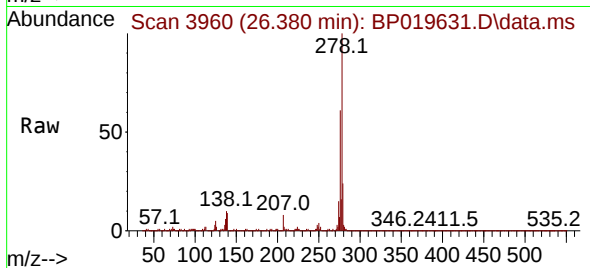
Tgt Ion:278 Resp: 1285631

Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 52.798 ng

RT: 27.139 min Scan# 4089

Delta R.T. 0.024 min

Lab File: BP019631.D

Acq: 09 Feb 2024 14:29

Tgt Ion:276 Resp: 1294329

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 12.3 10.9 16.3

