

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100923\
 Data File : BP017627.D
 Acq On : 09 Oct 2023 21:20
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV637

Quant Time: Oct 10 04:49:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	143113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	605386	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	398465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	913926	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	935534	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1023635	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	31255	8.860	ng/uL	0.00
4) Pyridine-d5	3.717	84	215941	21.746	ng/u1	0.00
7) Phenol-d5	7.081	99	258047	21.321	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	163560	21.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	216923	22.786	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	212902	21.839	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	102115	21.891	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	115511	22.546	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	222951	22.406	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	306659	21.638	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	711241	22.481	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	776670	22.548	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	100300	20.918	ng/u1	0.00
60) Fluorene-d10	15.622	176	605602	21.888	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	113934	21.017	ng/u1	0.00
73) Anthracene-d10	17.510	188	977372	22.284	ng/u1	0.00
81) Pyrene-d10	19.763	212	1183314	22.175	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1186867	22.364	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	33064	8.812	ng/uL	99
5) Pyridine	3.734	79	223731	21.770	ng/u1	99
6) Benzaldehyde	7.087	77	146326	24.652	ng/u1	97
8) Phenol	7.111	94	264283	21.550	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.363	93	215369	21.839	ng/u1	98
12) 2-Chlorophenol	7.475	128	210797	21.686	ng/u1	99
13) 2-Methylphenol	8.375	108	197495	21.696	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	166426	12.883	ng/u1	100
16) Acetophenone	8.781	105	338283	22.093	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.752	70	178932	23.128	ng/u1	98
18) 4-Methylphenol	8.710	108	214879	21.626	ng/u1	98
19) Hexachloroethane	8.987	117	96143	22.455	ng/u1	92
22) Nitrobenzene	9.175	77	271468	22.072	ng/u1	98
23) Isophorone	9.687	82	483584	22.458	ng/u1	98
25) 2-Nitrophenol	9.881	139	126455	22.885	ng/u1	99
26) 2,4-Dimethylphenol	9.922	107	244098	21.623	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	295608	22.059	ng/u1	97
29) 2,4-Dichlorophenol	10.404	162	221029	22.479	ng/u1	99
30) Naphthalene	10.810	128	729890	21.660	ng/u1	98
32) 4-Chloroaniline	10.957	127	297443	21.588	ng/u1	98
33) Hexachlorobutadiene	11.034	225	164020	21.971	ng/u1	94
34) Caprolactam	11.787	113	64146	22.071	ng/u1	96
35) 4-Chloro-3-methylphenol	12.069	107	227694	22.139	ng/u1	97
36) 2-Methylnaphthalene	12.428	142	503208	21.878	ng/u1	99

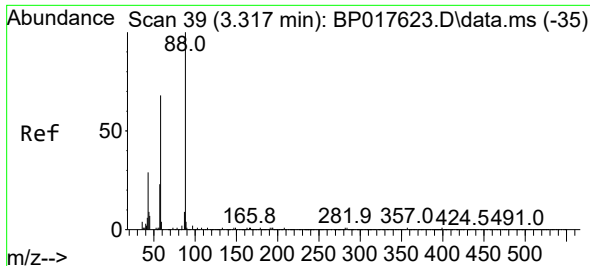
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100923\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	517194	21.812	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.781	216	301685	22.083	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	141964	20.621	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	190171	22.682	ng/ul	95
42) 2,4,5-Trichlorophenol	13.116	196	201407	22.786	ng/ul	95
43) 1,1'-Biphenyl	13.445	154	680013	21.733	ng/ul	100
44) 2-Chloronaphthalene	13.493	162	550142	21.878	ng/ul	98
45) 2-Nitroaniline	13.740	65	153526	23.301	ng/ul	99
47) Dimethylphthalate	14.087	163	715511	22.515	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	136532	23.605	ng/ul	96
50) Acenaphthylene	14.345	152	891070	22.469	ng/ul	100
51) 3-Nitroaniline	14.581	138	122982	22.921	ng/ul	91
52) Acenaphthene	14.687	153	585413	21.821	ng/ul	100
53) 2,4-Dinitrophenol	14.792	184	56401	15.578	ng/ul	87
55) 4-Nitrophenol	14.875	109	94715	21.577	ng/ul	93
56) Dibenzofuran	15.028	168	848022	22.035	ng/ul	98
57) 2,4-Dinitrotoluene	15.028	165	203571	23.310	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.245	232	183758	22.870	ng/ul	93
59) Diethylphthalate	15.445	149	705753	22.174	ng/ul	99
61) Fluorene	15.681	166	692998	21.940	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	369286	21.993	ng/ul	98
63) 4-Nitroaniline	15.757	138	116798	23.267	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.781	198	124882	21.591	ng/ul#	99
67) N-Nitrosodiphenylamine	15.904	169	581200	22.560	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	235049	22.706	ng/ul	95
69) Hexachlorobenzene	16.663	284	275010	22.304	ng/ul	99
70) Atrazine	16.869	200	225504	22.490	ng/ul	95
71) Pentachlorophenol	17.039	266	152516	21.211	ng/ul	96
72) Phenanthrene	17.457	178	1111294	21.746	ng/ul	99
74) Anthracene	17.545	178	1145538	22.193	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	306651	22.315	ng/uL	99
76) Pentachlorobenzene	14.916	250	323380	23.083	ng/uL	98
77) Carbazole	17.839	167	1013163	22.245	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1189534	22.702	ng/ul	99
80) Fluoranthene	19.433	202	1374998	22.226	ng/ul	99
82) Pyrene	19.798	202	1435743	21.982	ng/ul	97
83) Butylbenzylphthalate	20.663	149	524254	22.713	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.474	252	448188	22.838	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1490361	21.996	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	739464	22.750	ng/ul	99
87) Chrysene	21.592	228	1389497	21.944	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1256660	20.722	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1480498	22.361	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	1431737	21.458	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1372504	22.285	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	1636771	22.230	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1357047	22.506	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	1315766	21.928	ng/ul	98

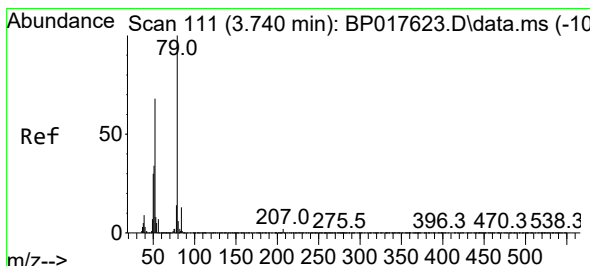
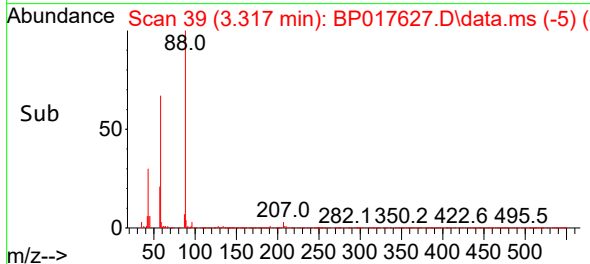
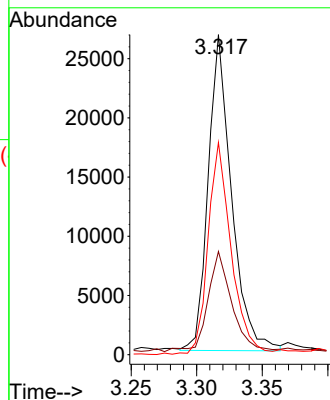
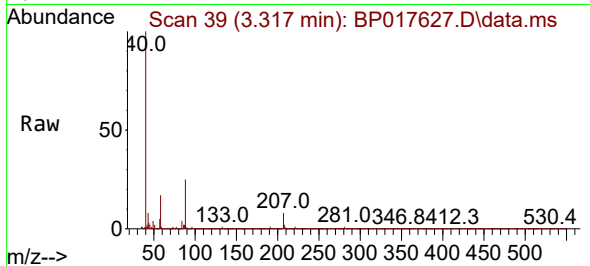
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#2
1,4-Dioxane
Concen: 8.812 ng/uL
RT: 3.317 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

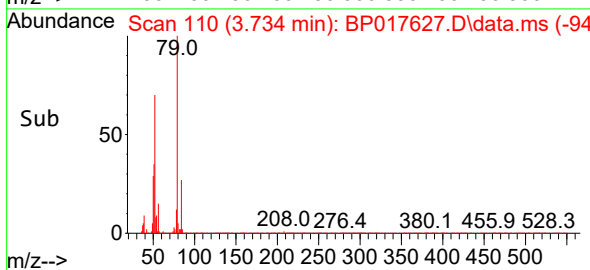
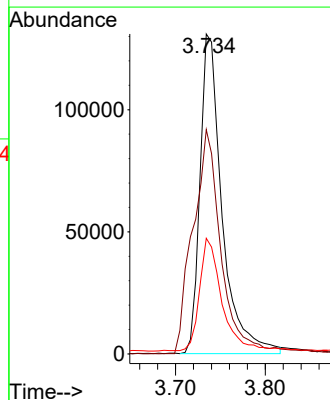
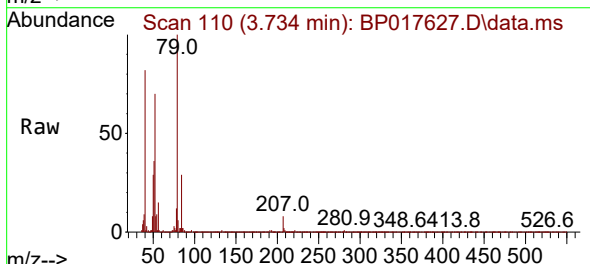
Instrument :
BNA_P
ClientSampleId :
SICV637

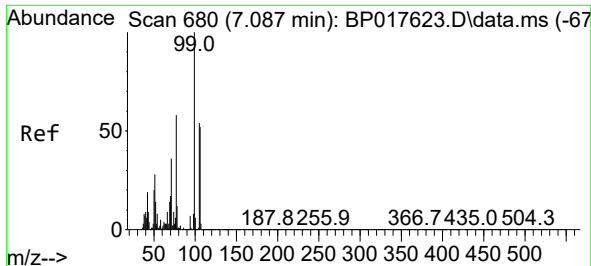
Tgt Ion	88	43	58	Ratio	100	32.3	66.3	Lower	24.3	53.4	Upper	36.5	80.0
Resp:	33064												



#5
Pyridine
Concen: 21.770 ng/uL
RT: 3.734 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion	79	52	51	Ratio	100	70.1	36.1	Lower	55.4	28.2	Upper	83.2	42.2
Resp:	223731												

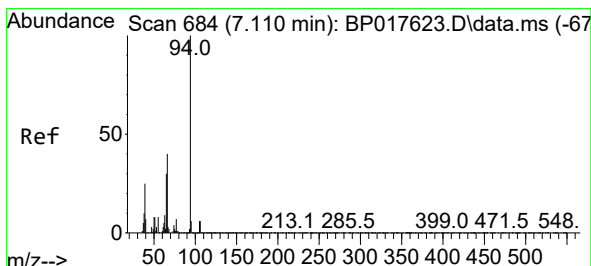
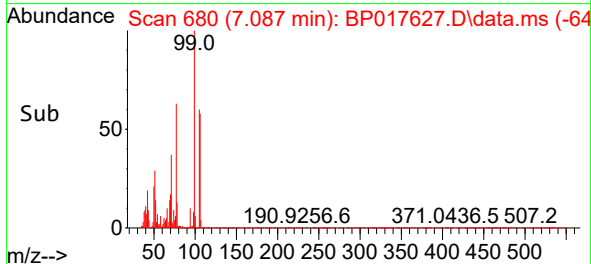
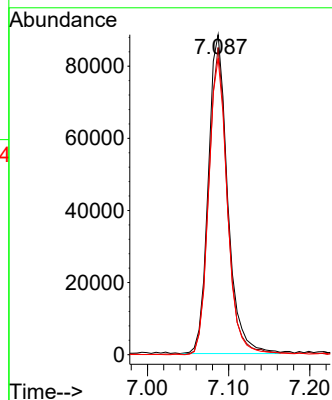
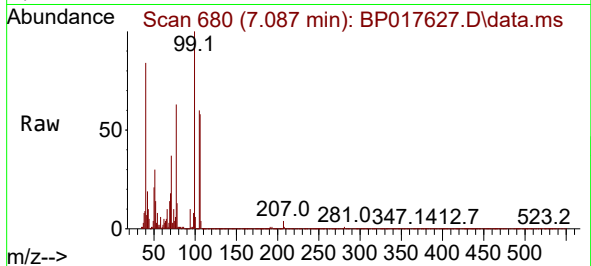




#6
Benzaldehyde
Concen: 24.652 ng/ul
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

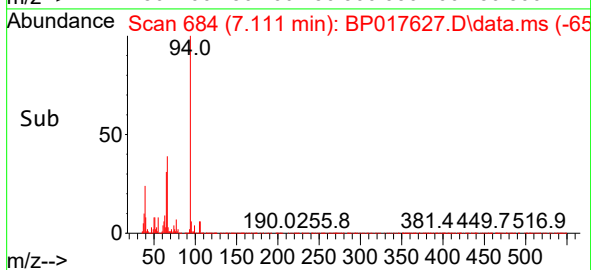
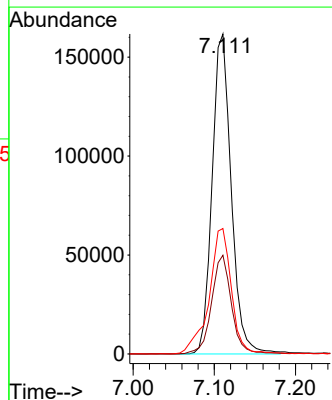
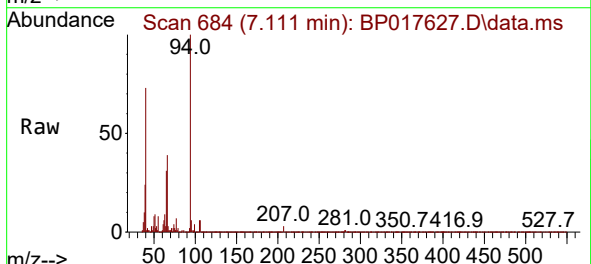
Instrument :
BNA_P
ClientSampleId :
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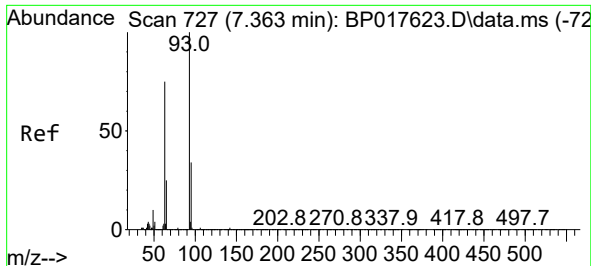
Tgt Ion: 77 Resp: 146326
Ion Ratio Lower Upper
77 100
105 96.0 75.0 112.6
106 92.6 71.8 107.6



#8
Phenol
Concen: 21.550 ng/ul
RT: 7.111 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion: 94 Resp: 264283
Ion Ratio Lower Upper
94 100
65 30.8 24.2 36.4
66 39.2 33.0 49.4



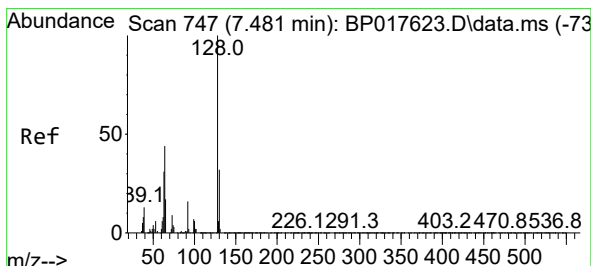
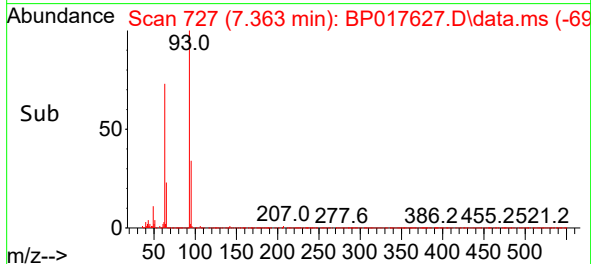
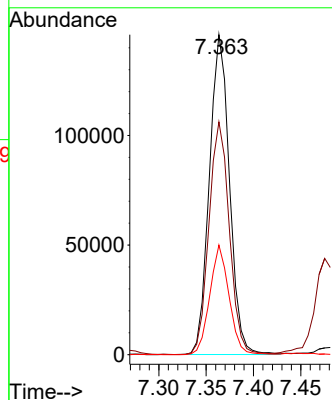
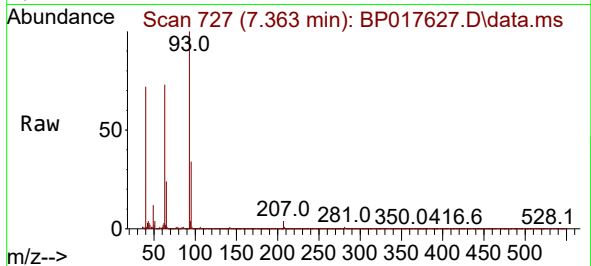


#10
 Bis(2-Chloroethyl)ether
 Concen: 21.839 ng/ul
 RT: 7.363 min Scan# 727
 Delta R.T. 0.000 min
 Lab File: BP017627.D
 Acq: 09 Oct 2023 21:20

Instrument :
 BNA_P
 ClientSampleId :
 SICV637

Tgt Ion: 93 Resp: 215369

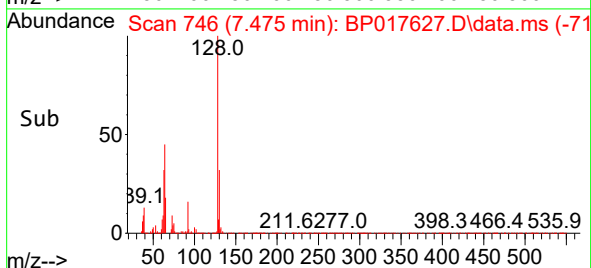
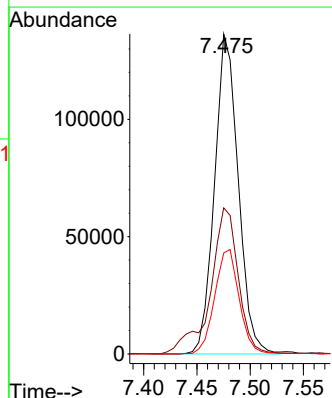
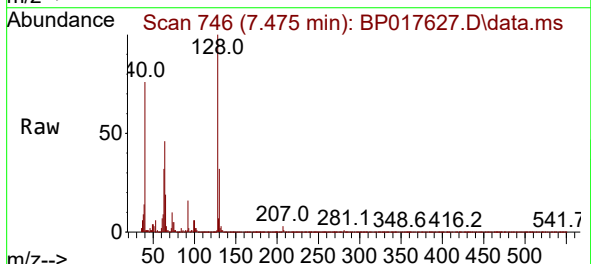
Ion	Ratio	Lower	Upper
93	100		
63	72.8	59.9	89.9
95	34.3	27.2	40.8

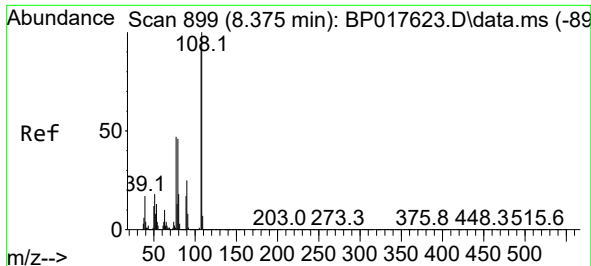


#12
 2-Chlorophenol
 Concen: 21.686 ng/ul
 RT: 7.475 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: BP017627.D
 Acq: 09 Oct 2023 21:20

Tgt Ion:128 Resp: 210797

Ion	Ratio	Lower	Upper
128	100		
64	45.6	37.0	55.4
130	31.6	25.8	38.6





#13

2-Methylphenol

Concen: 21.696 ng/ul

RT: 8.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

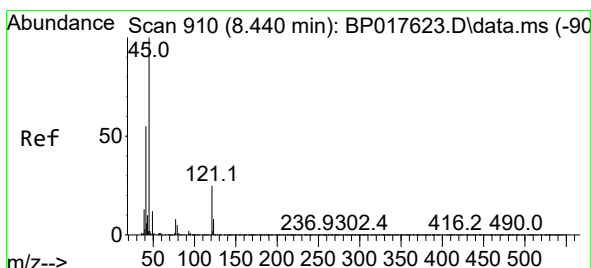
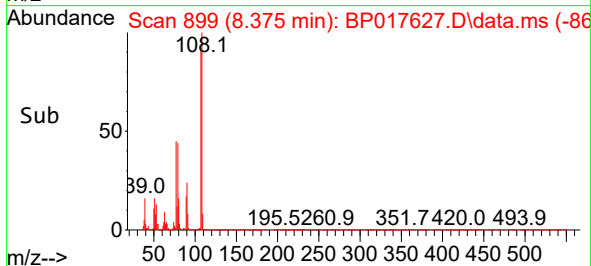
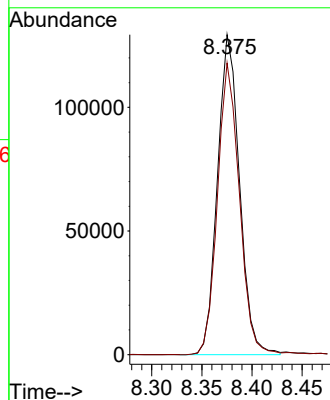
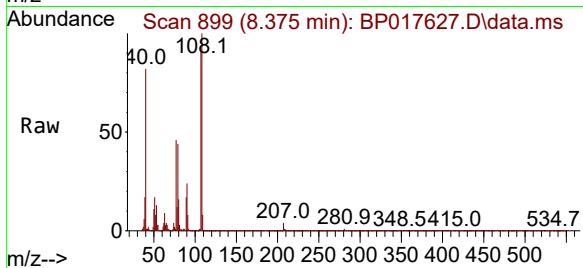
SICV637

Tgt Ion:108 Resp: 197495

Ion Ratio Lower Upper

108 100

107 91.1 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.883 ng/ul

RT: 8.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

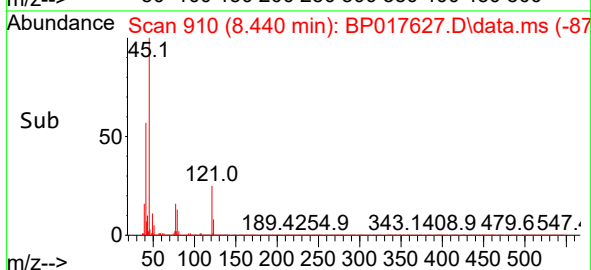
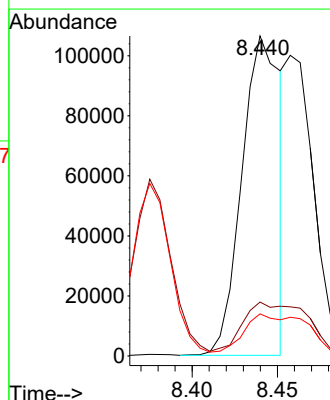
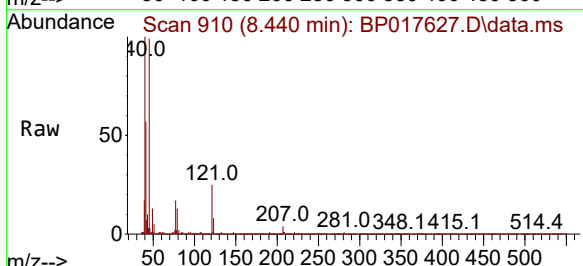
Tgt Ion: 45 Resp: 166426

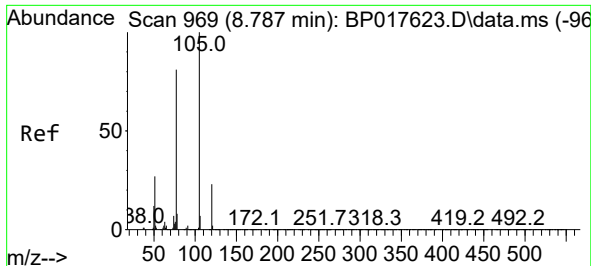
Ion Ratio Lower Upper

45 100

77 16.9 13.4 20.2

79 13.2 10.4 15.6

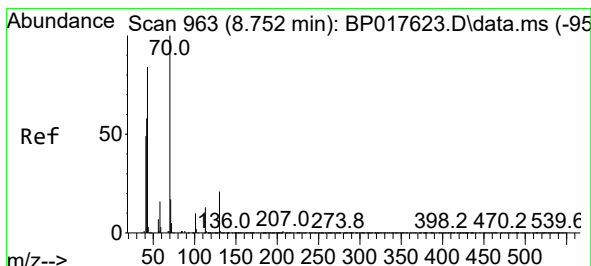
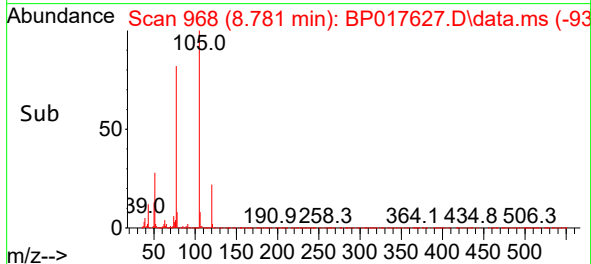
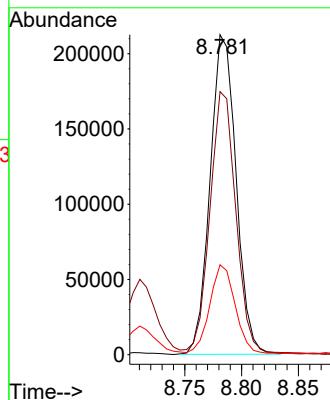
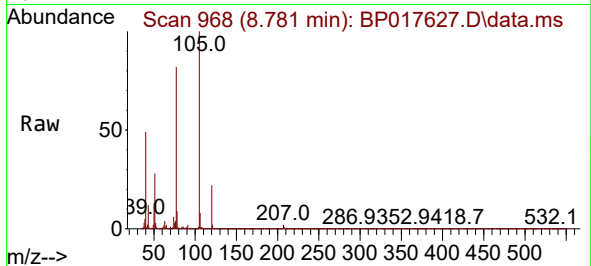




#16
Acetophenone
Concen: 22.093 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

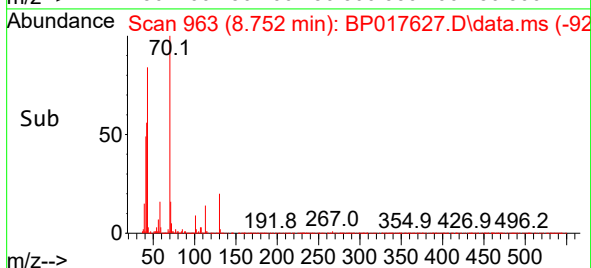
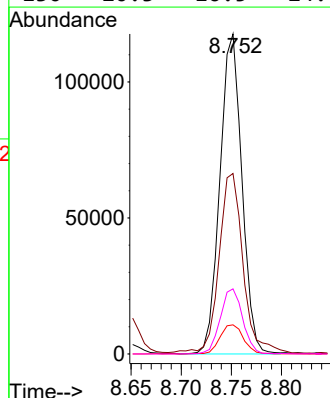
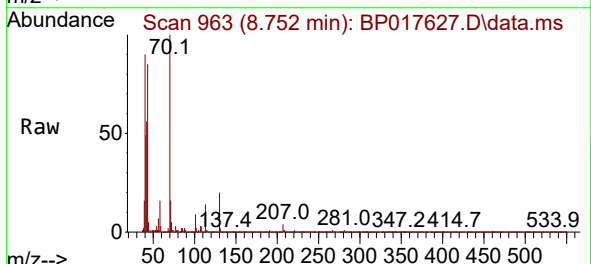
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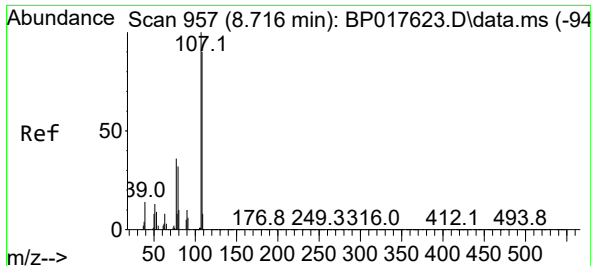
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Ion Ratio Lower Upper
105 100
77 82.2 66.0 99.0
51 28.1 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 23.128 ng/ul
RT: 8.752 min Scan# 963
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion: 70 Resp: 178932
Ion Ratio Lower Upper
70 100
42 56.4 46.8 70.2
101 9.1 8.3 12.5
130 20.3 16.5 24.7





#18

4-Methylphenol

Concen: 21.626 ng/ul

RT: 8.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

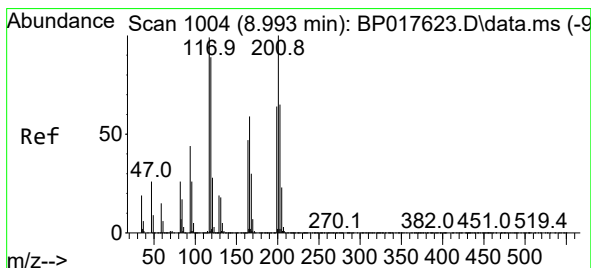
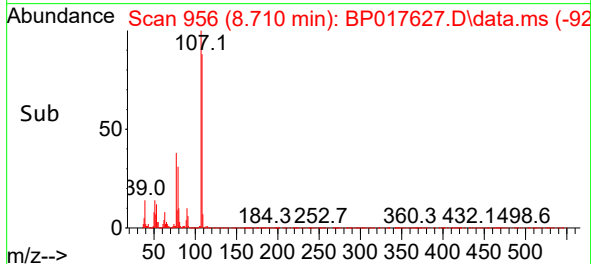
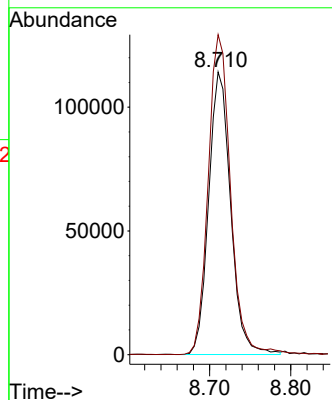
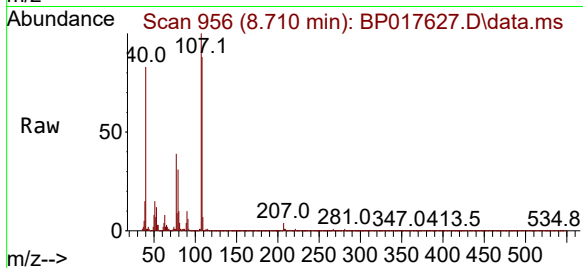
SICV637

Tgt Ion:108 Resp: 214879

Ion Ratio Lower Upper

108 100

107 113.2 89.0 133.6



#19

Hexachloroethane

Concen: 22.455 ng/ul

RT: 8.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

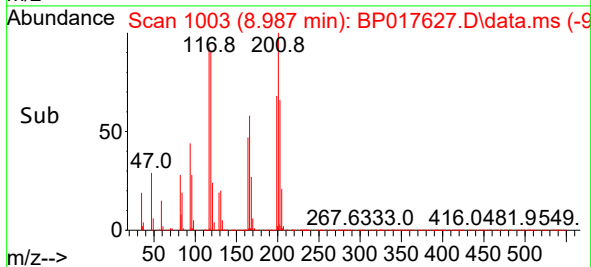
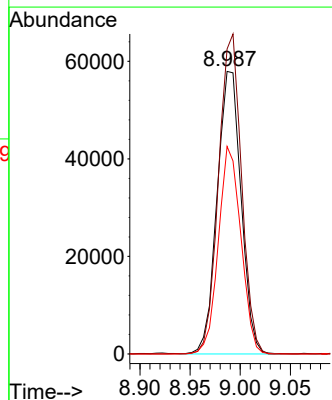
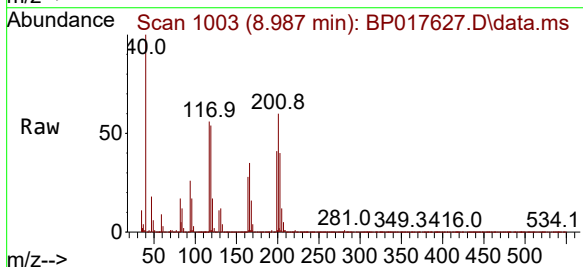
Tgt Ion:117 Resp: 96143

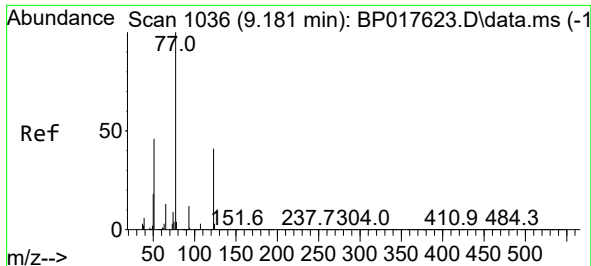
Ion Ratio Lower Upper

117 100

201 107.9 80.9 121.3

199 73.5 52.0 78.0

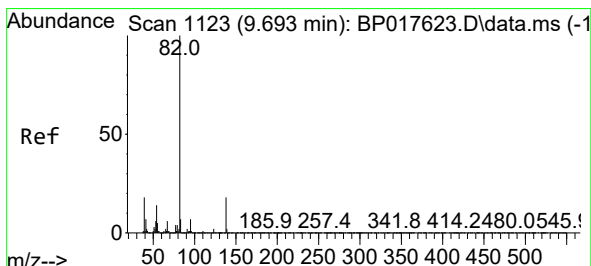
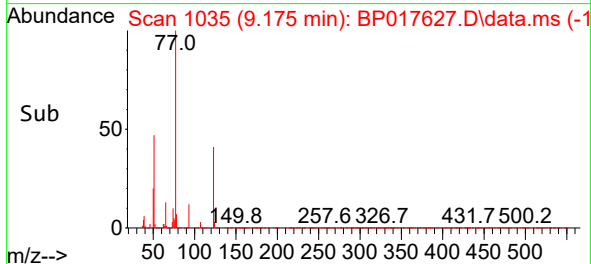
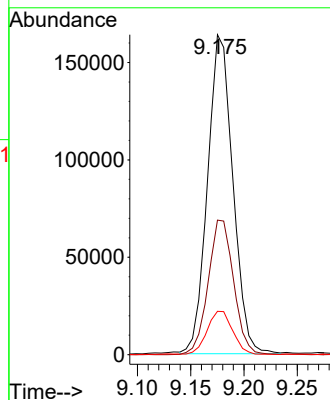
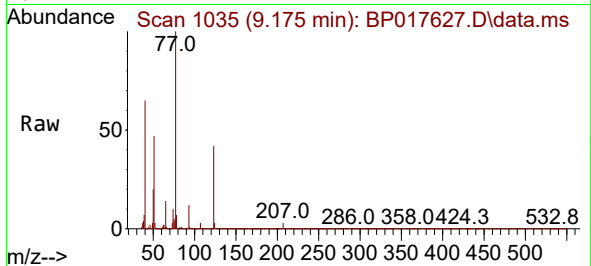




#22
Nitrobenzene
Concen: 22.072 ng/ul
RT: 9.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

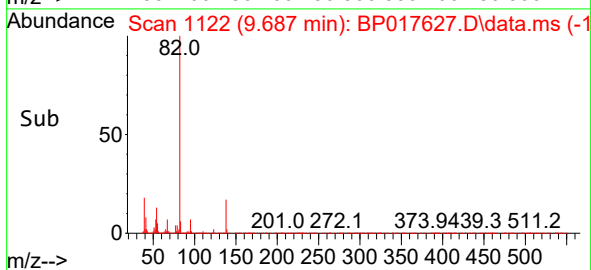
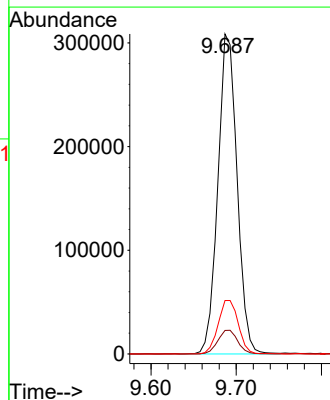
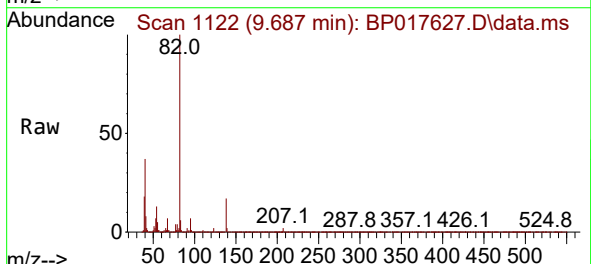
Instrument :
BNA_P
ClientSampleId :
SICV637

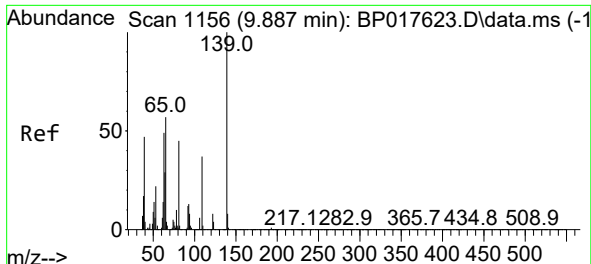
Tgt Ion: 77 Resp: 271468
Ion Ratio Lower Upper
77 100
123 42.0 32.5 48.7
65 13.6 10.2 15.4



#23
Isophorone
Concen: 22.458 ng/ul
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion: 82 Resp: 483584
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 16.7 14.1 21.1

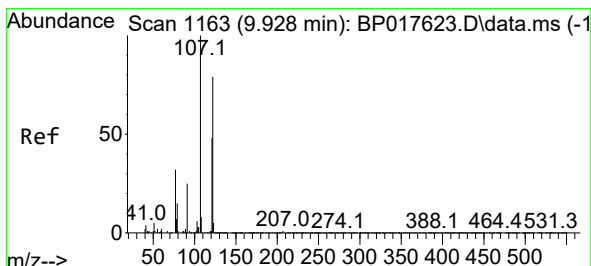
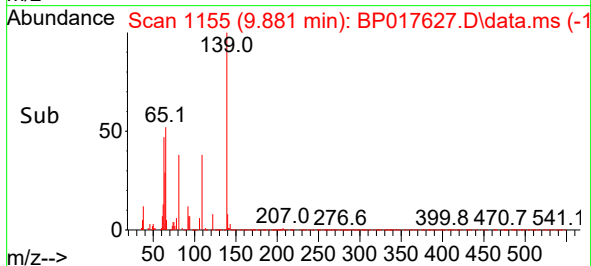
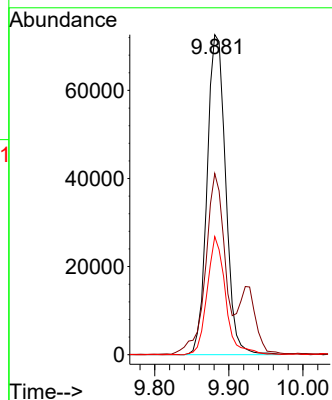
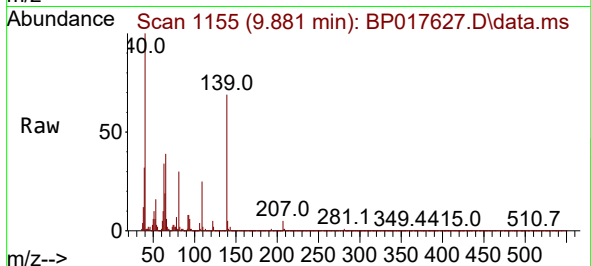




#25
2-Nitrophenol
Concen: 22.885 ng/ul
RT: 9.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

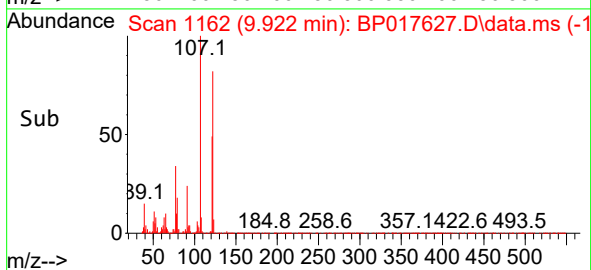
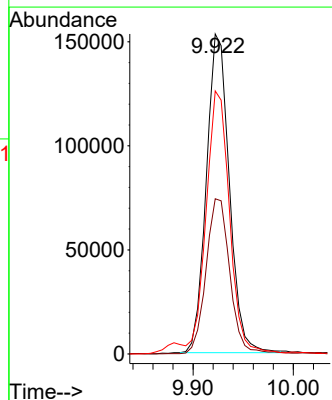
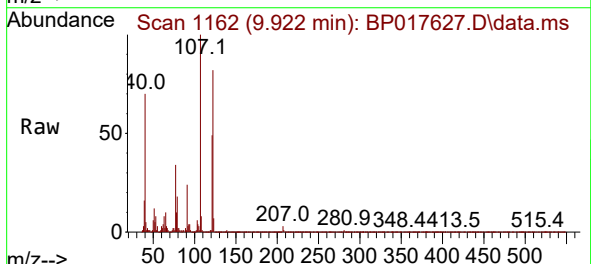
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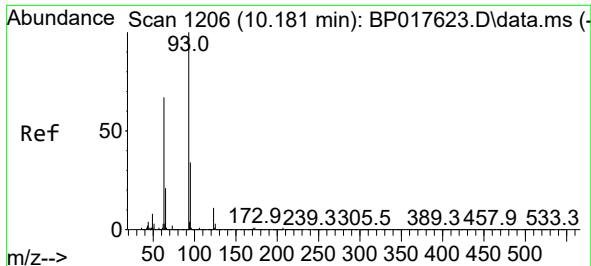
Tgt Ion:139 Resp: 126455
Ion Ratio Lower Upper
139 100
65 56.6 46.1 69.1
109 36.9 29.6 44.4



#26
2,4-Dimethylphenol
Concen: 21.623 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:107 Resp: 244098
Ion Ratio Lower Upper
107 100
121 48.5 38.0 57.0
122 82.2 65.6 98.4

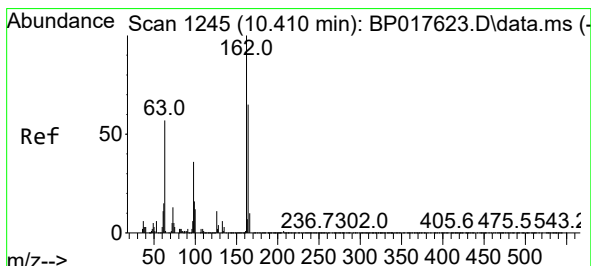
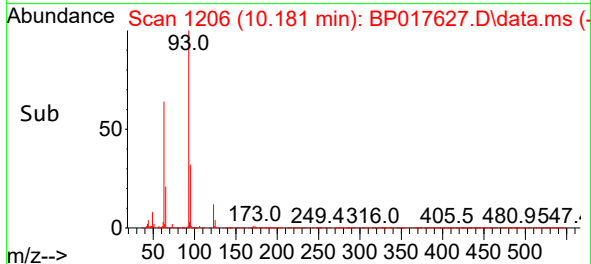
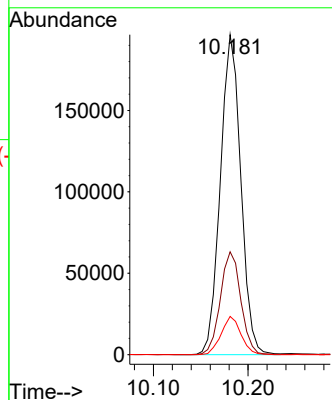
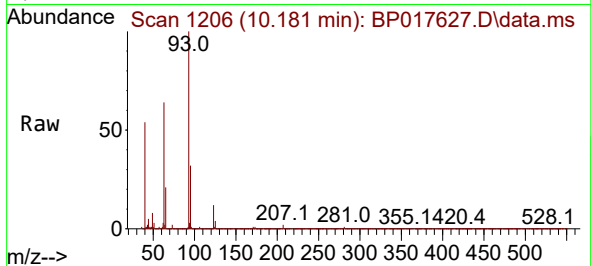




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.059 ng/ul
 RT: 10.181 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BP017627.D
 Acq: 09 Oct 2023 21:20

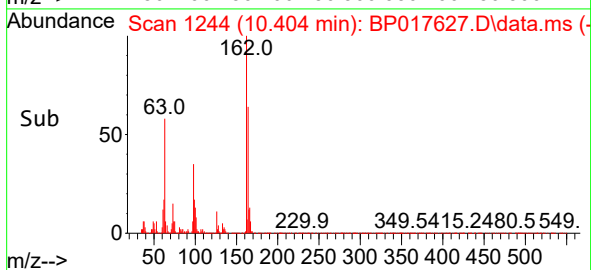
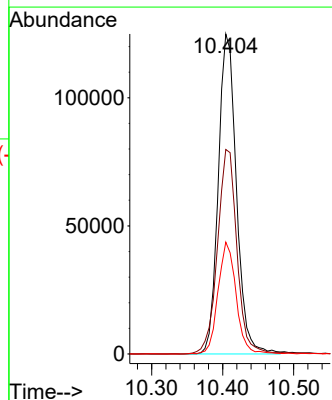
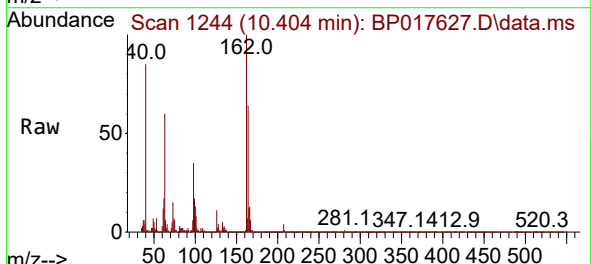
Instrument :
 BNA_P
 ClientSampleId :
 SICV637

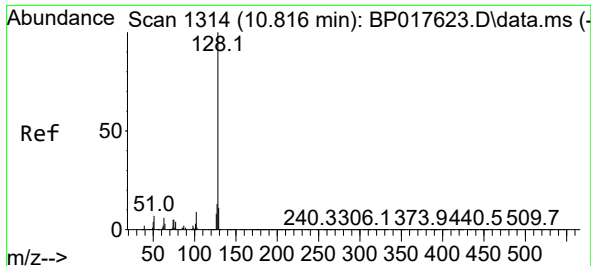
Tgt Ion:	93	Resp:	295608
Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.0	40.4
123	11.9	8.9	13.3



#29
 2,4-Dichlorophenol
 Concen: 22.479 ng/ul
 RT: 10.404 min Scan# 1244
 Delta R.T. -0.006 min
 Lab File: BP017627.D
 Acq: 09 Oct 2023 21:20

Tgt Ion:	162	Resp:	221029
Ion	Ratio	Lower	Upper
162	100		
164	63.9	51.9	77.9
98	35.0	28.6	43.0

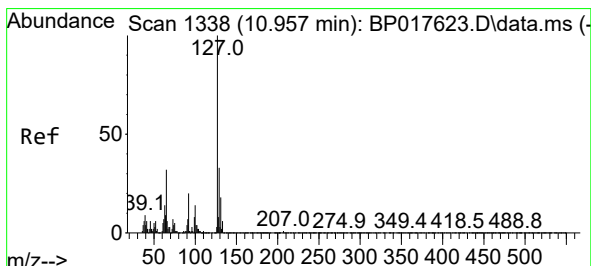
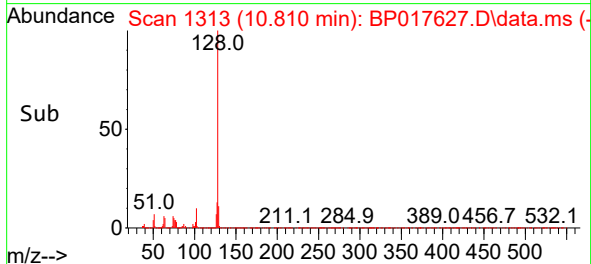
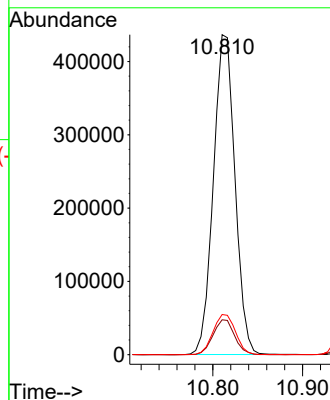
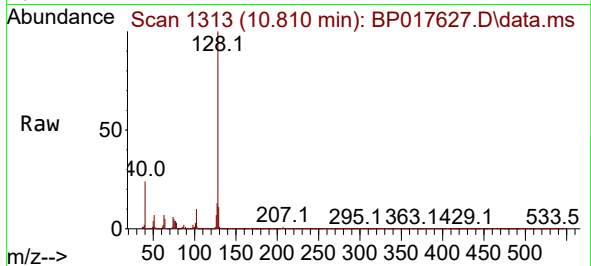




#30
Naphthalene
Concen: 21.660 ng/ul
RT: 10.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

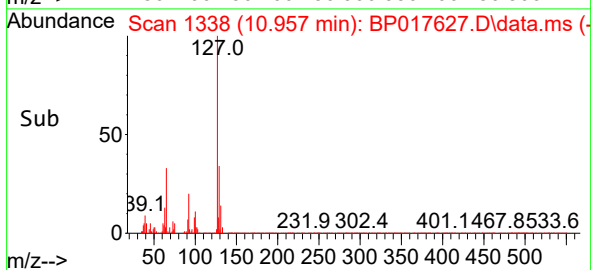
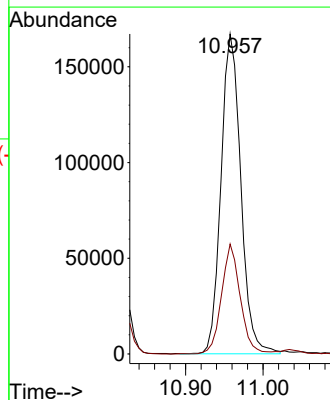
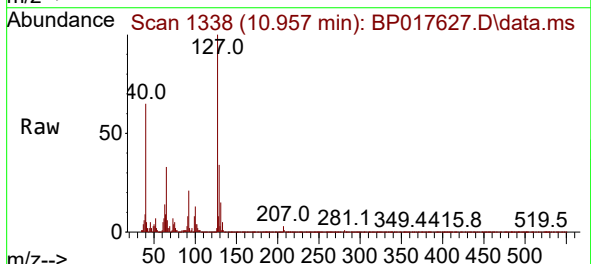
Instrument :
BNA_P
ClientSampleId :
SICV637

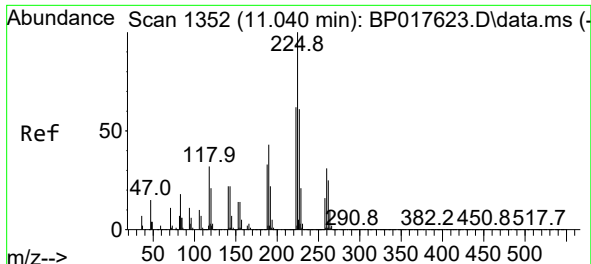
Tgt Ion:128 Resp: 729890
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.5 10.6 16.0



#32
4-Chloroaniline
Concen: 21.588 ng/ul
RT: 10.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:127 Resp: 297443
Ion Ratio Lower Upper
127 100
129 34.3 26.5 39.7

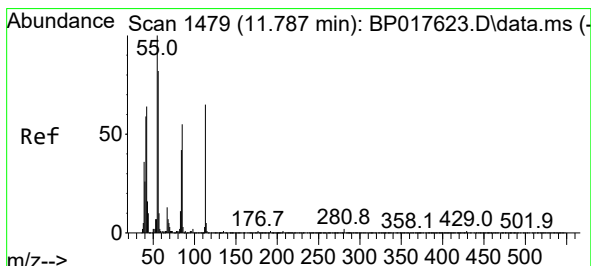
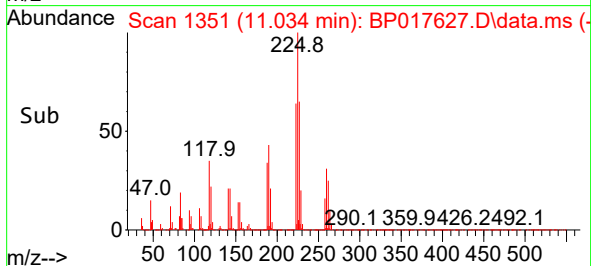
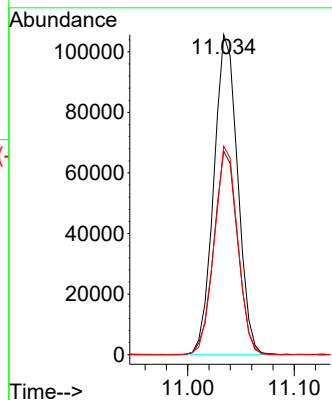
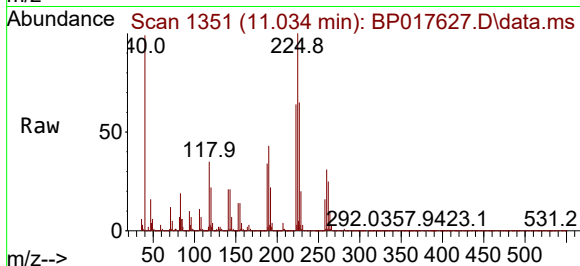




#33
Hexachlorobutadiene
Concen: 21.971 ng/ul
RT: 11.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

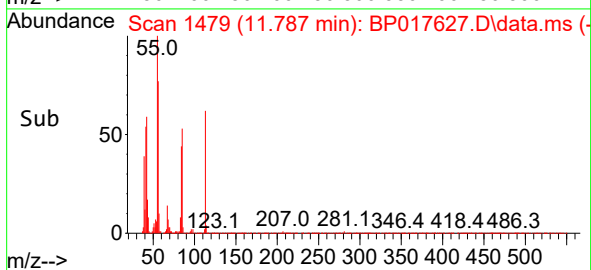
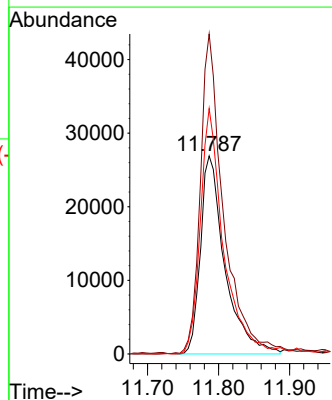
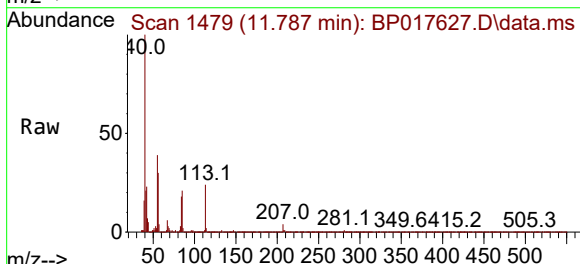
Instrument :
BNA_P
ClientSampleId :
SICV637

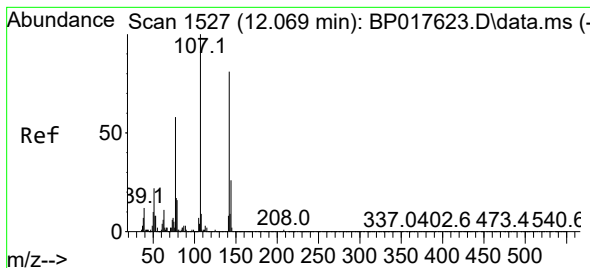
Tgt Ion:225 Resp: 164020
Ion Ratio Lower Upper
225 100
223 66.7 49.4 74.2
227 65.2 48.6 72.8



#34
Caprolactam
Concen: 22.071 ng/ul
RT: 11.787 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:113 Resp: 64146
Ion Ratio Lower Upper
113 100
55 161.5 124.2 186.2
56 123.9 101.2 151.8

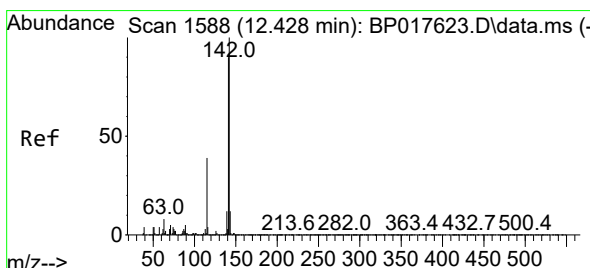
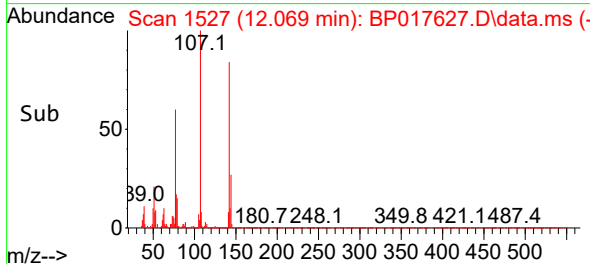
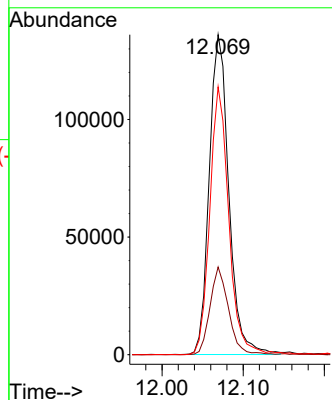
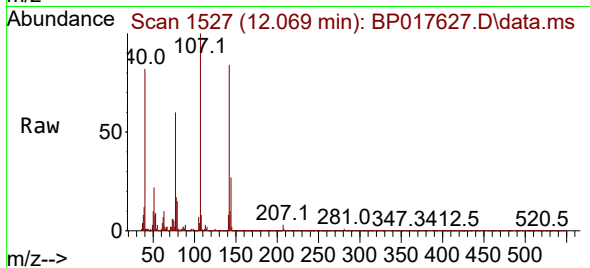




#35
4-Chloro-3-methylphenol
Concen: 22.139 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

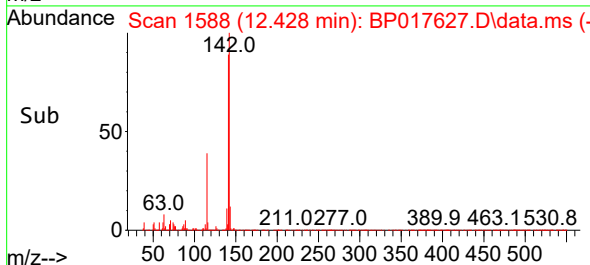
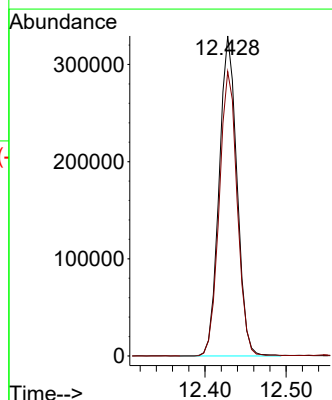
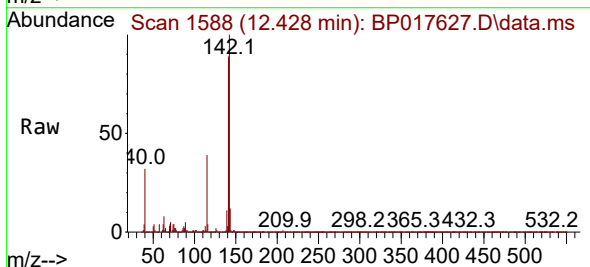
Instrument :
BNA_P
ClientSampleId :
SICV637

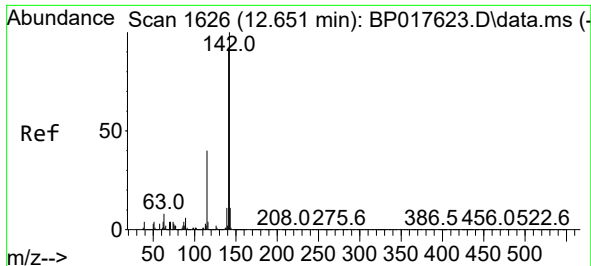
Tgt Ion:107 Resp: 227694
Ion Ratio Lower Upper
107 100
144 27.4 20.6 31.0
142 83.7 65.0 97.4



#36
2-Methylnaphthalene
Concen: 21.878 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:142 Resp: 503208
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1

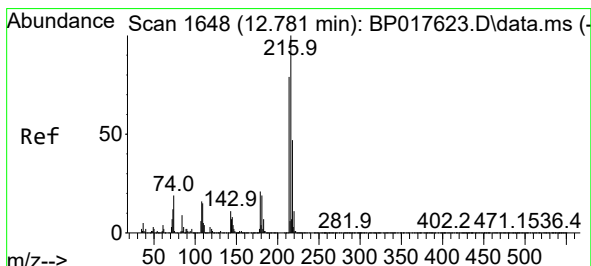
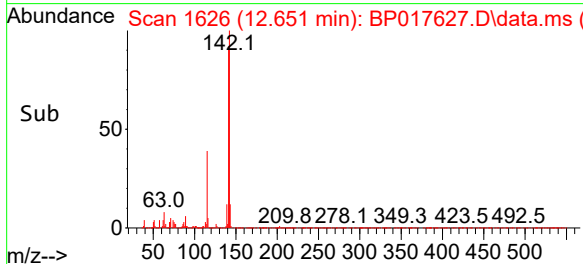
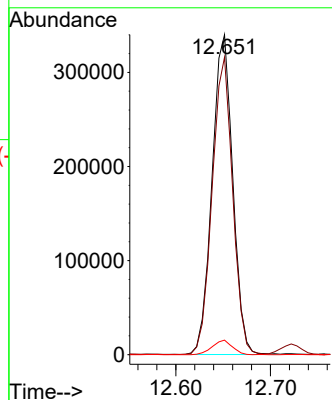
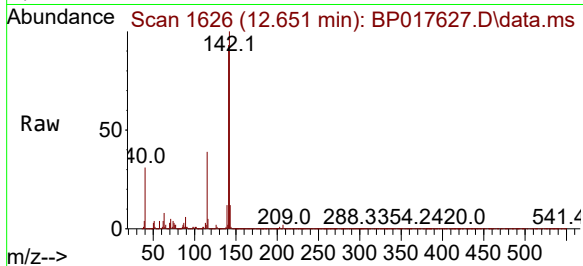




#37
1-Methylnaphthalene
Concen: 21.812 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

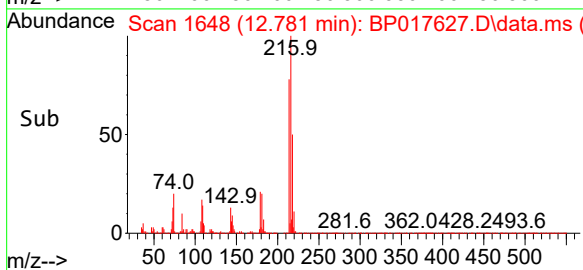
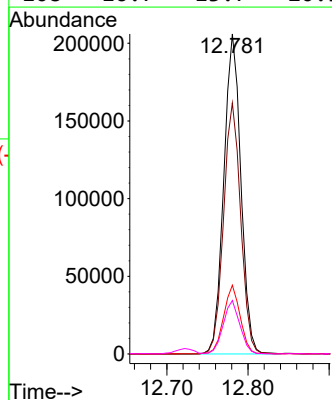
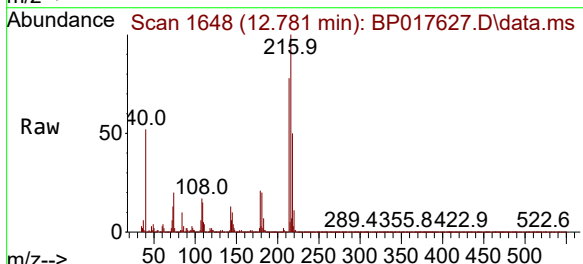
Instrument :
BNA_P
ClientSampleId :
SICV637

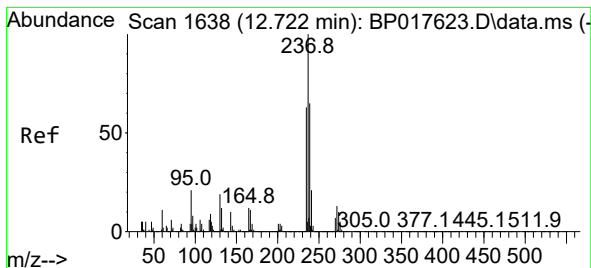
Tgt Ion:142 Resp: 517194
Ion Ratio Lower Upper
142 100
141 92.9 72.6 108.8
116 4.5 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.083 ng/ul
RT: 12.781 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:216 Resp: 301685
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 21.5 17.0 25.6
108 16.7 13.7 20.5

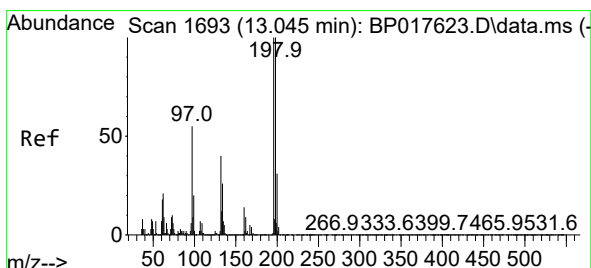
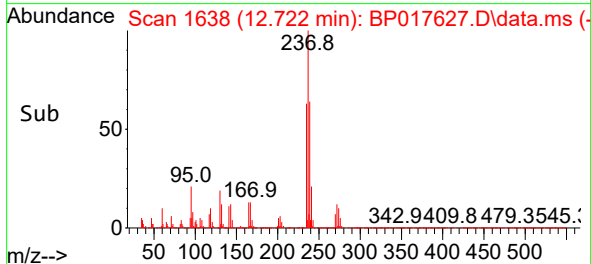
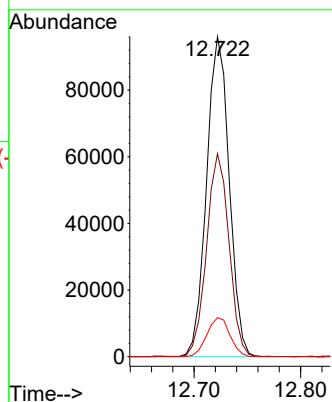
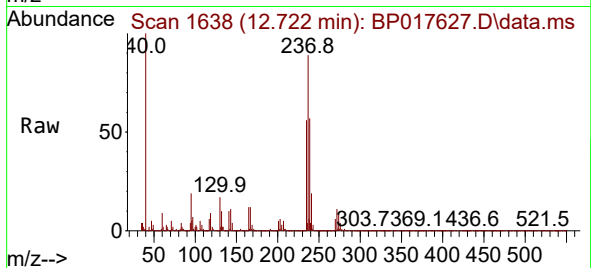




#40
Hexachlorocyclopentadiene
Concen: 20.621 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

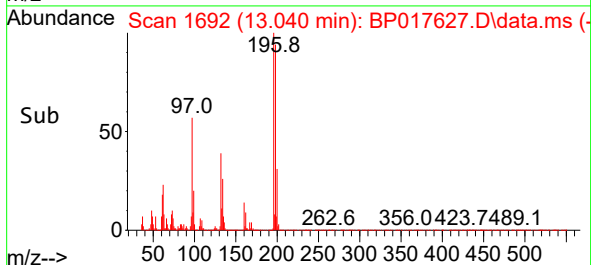
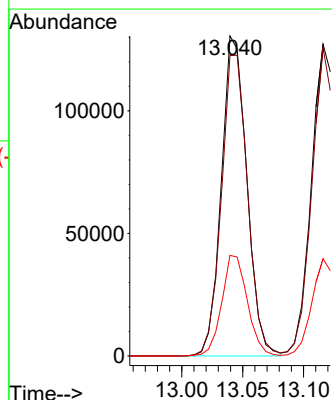
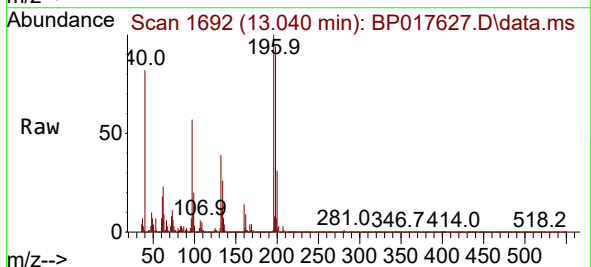
Instrument :
BNA_P
ClientSampleId :
SICV637

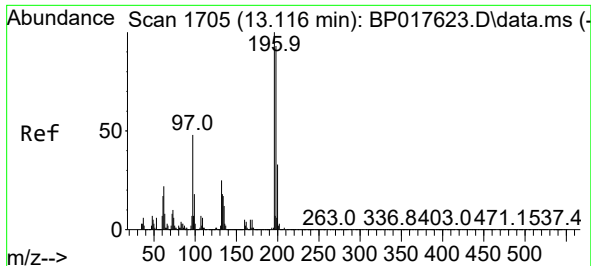
Tgt Ion:237 Resp: 141964
Ion Ratio Lower Upper
237 100
235 63.5 50.2 75.2
272 12.2 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 22.682 ng/ul
RT: 13.040 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:196 Resp: 190171
Ion Ratio Lower Upper
196 100
198 93.9 80.2 120.2
200 31.4 24.6 37.0

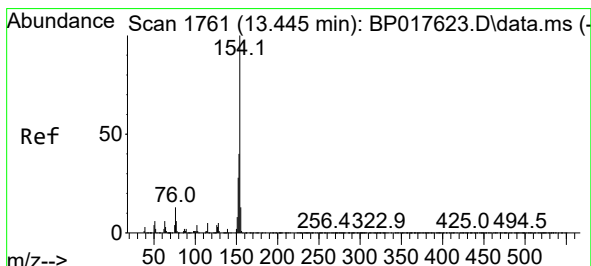
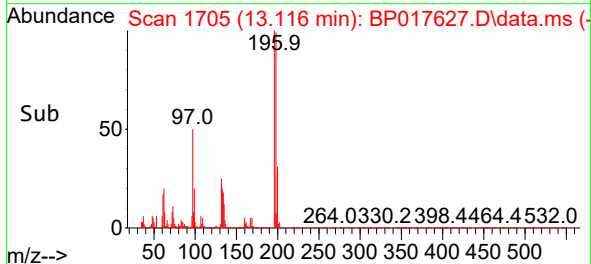
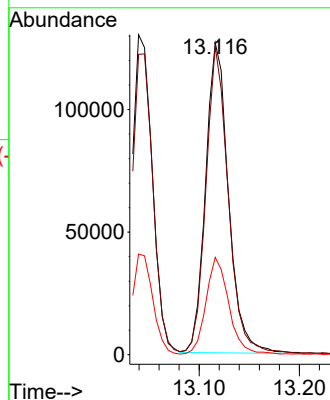
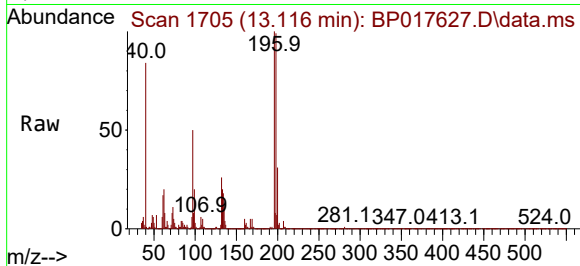




#42
2,4,5-Trichlorophenol
Concen: 22.786 ng/ul
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

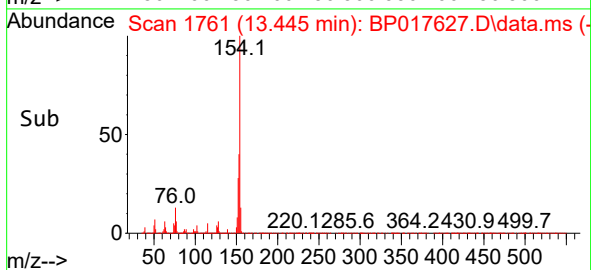
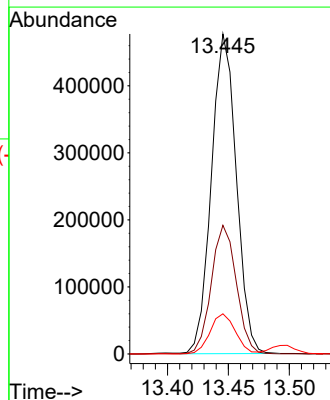
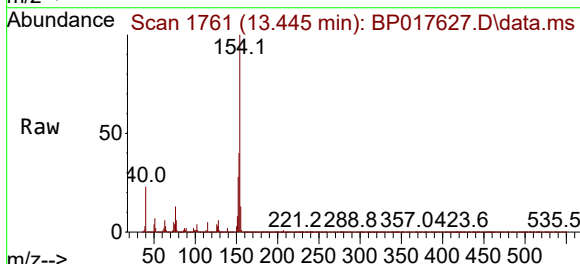
Instrument :
BNA_P
ClientSampleId :
SICV637

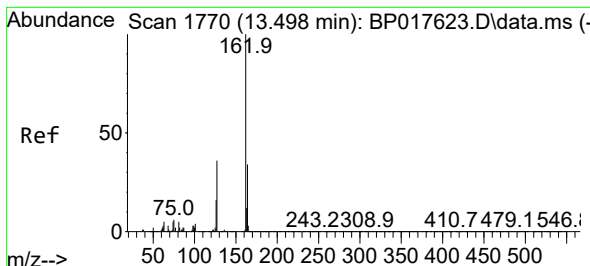
Tgt Ion:196 Resp: 201407
Ion Ratio Lower Upper
196 100
198 98.8 74.6 112.0
200 31.2 25.8 38.8



#43
1,1'-Biphenyl
Concen: 21.733 ng/ul
RT: 13.445 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:154 Resp: 680013
Ion Ratio Lower Upper
154 100
153 40.2 32.2 48.4
76 12.6 10.0 15.0





#44

2-Chloronaphthalene

Concen: 21.878 ng/ul

RT: 13.493 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

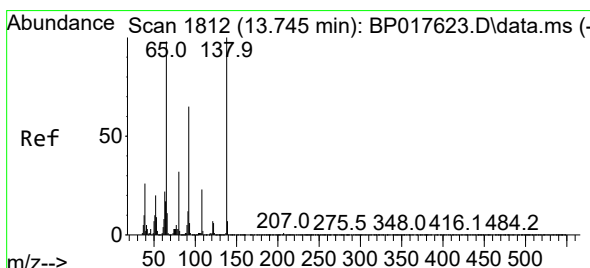
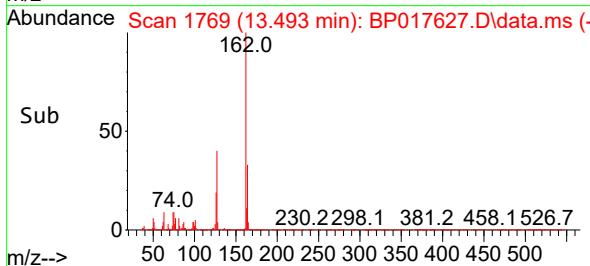
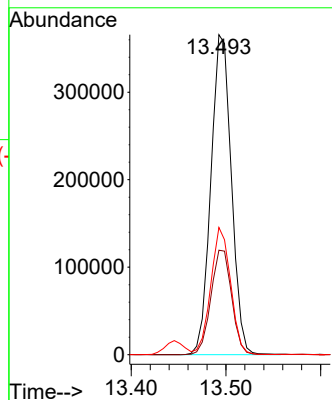
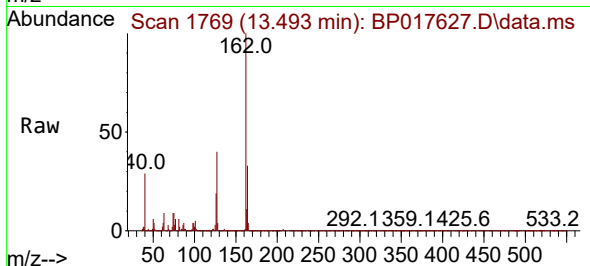
Tgt Ion:162 Resp: 550142

Ion Ratio Lower Upper

162 100

164 32.7 26.9 40.3

127 39.8 30.3 45.5



#45

2-Nitroaniline

Concen: 23.301 ng/ul

RT: 13.740 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

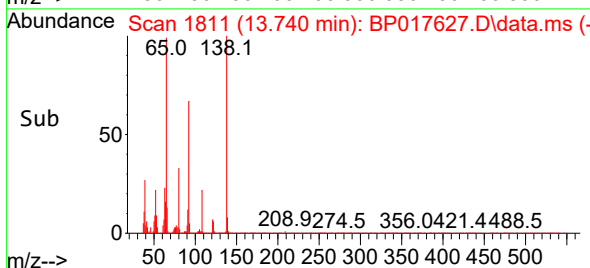
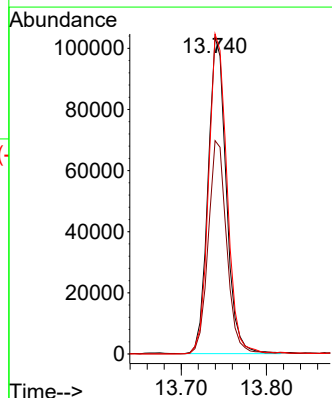
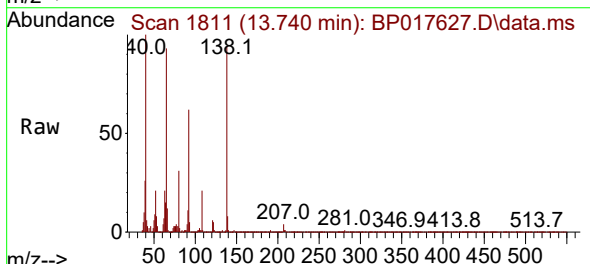
Tgt Ion: 65 Resp: 153526

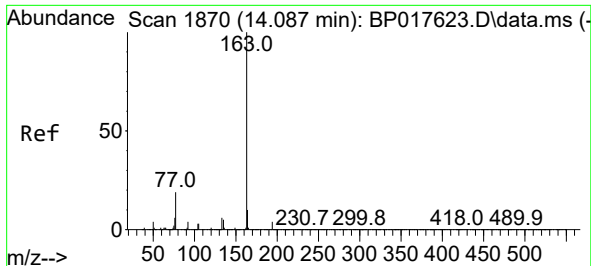
Ion Ratio Lower Upper

65 100

92 67.3 53.0 79.6

138 101.0 81.9 122.9

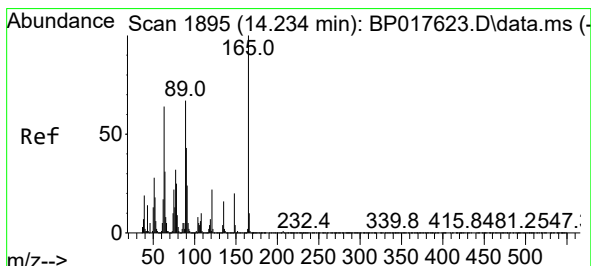
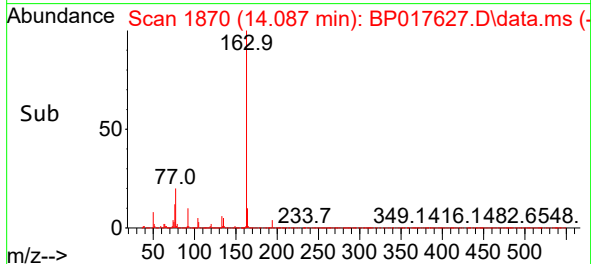
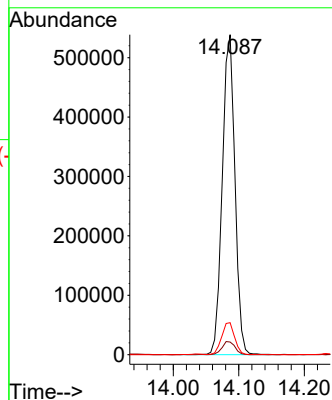
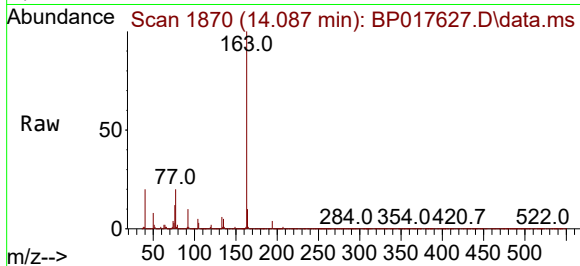




#47
Dimethylphthalate
Concen: 22.515 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

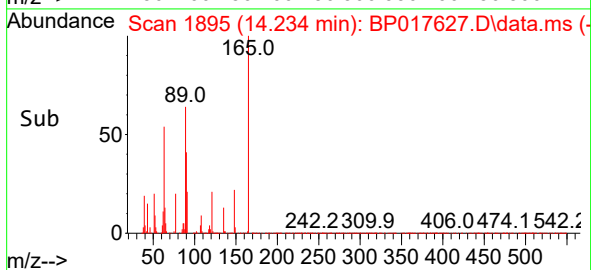
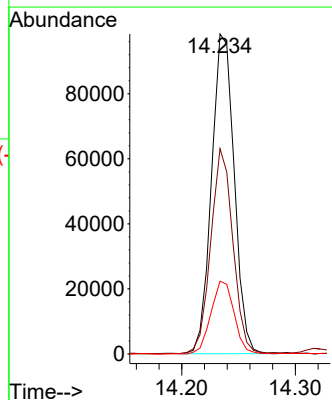
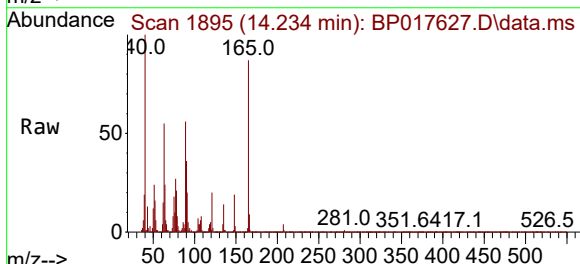
Instrument :
BNA_P
ClientSampleId :
SICV637

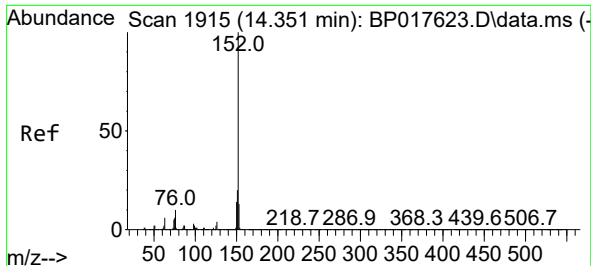
Tgt Ion:163 Resp: 715511
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 23.605 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:165 Resp: 136532
Ion Ratio Lower Upper
165 100
89 64.2 53.9 80.9
121 22.8 17.4 26.2

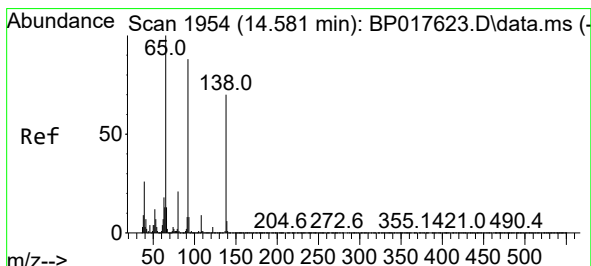
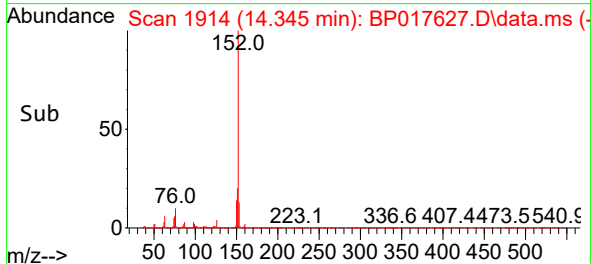
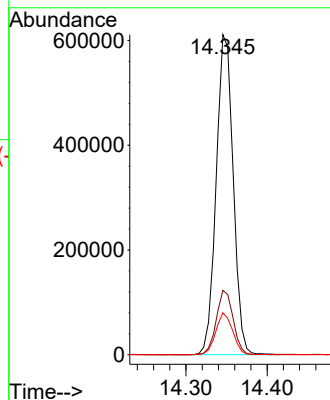
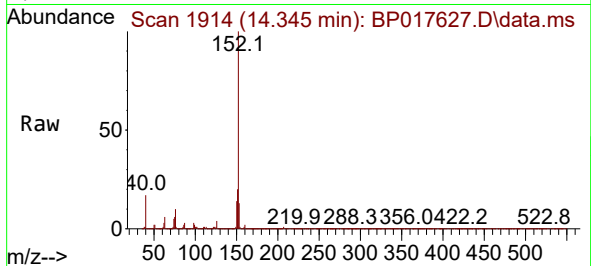




#50
Acenaphthylene
Concen: 22.469 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

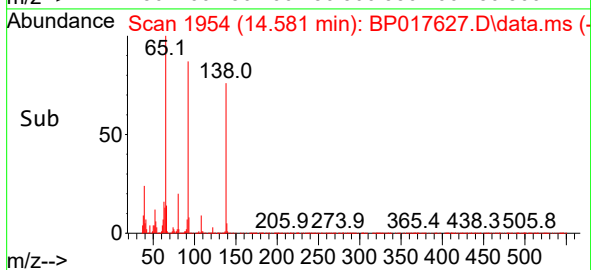
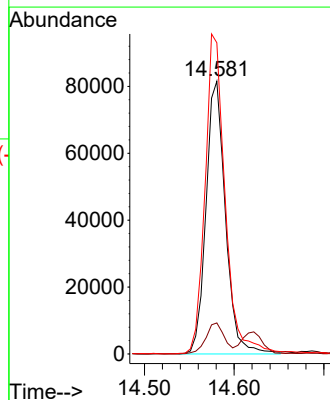
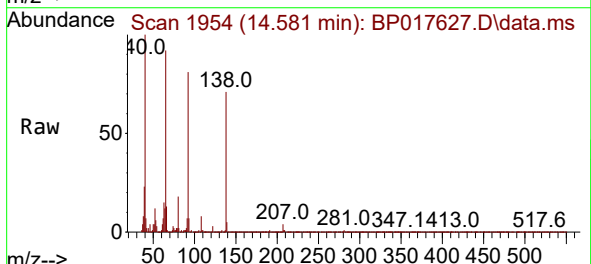
Instrument :
BNA_P
ClientSampleId :
SICV637

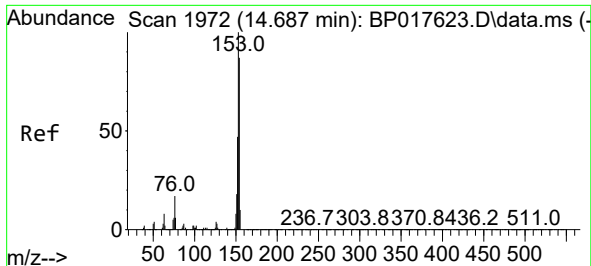
Tgt Ion:152 Resp: 891070
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.2 15.4



#51
3-Nitroaniline
Concen: 22.921 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:138 Resp: 122982
Ion Ratio Lower Upper
138 100
108 11.4 10.0 15.0
92 114.1 100.2 150.4

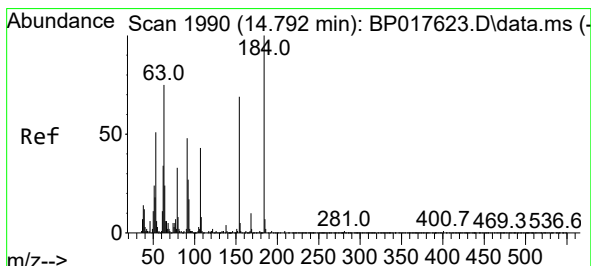
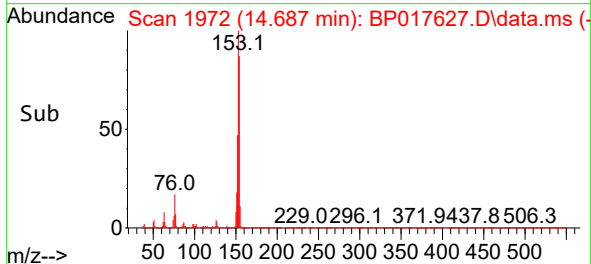
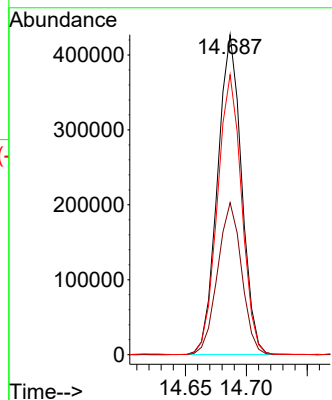
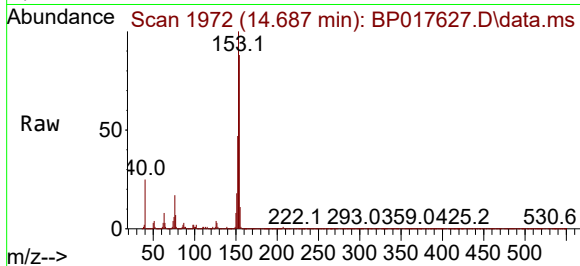




#52
Acenaphthene
Concen: 21.821 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

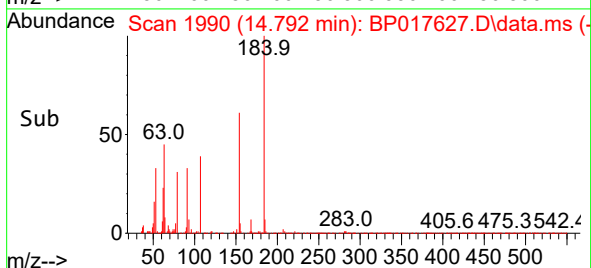
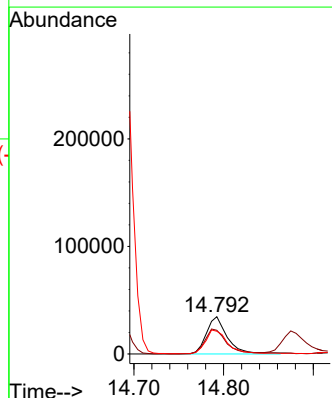
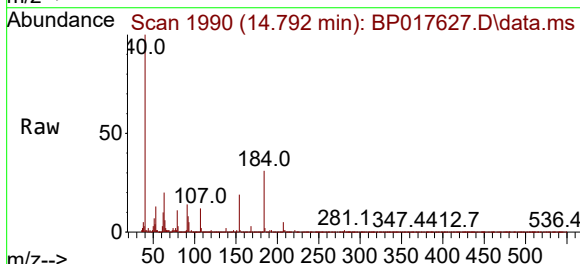
Instrument :
BNA_P
ClientSampleId :
SICV637

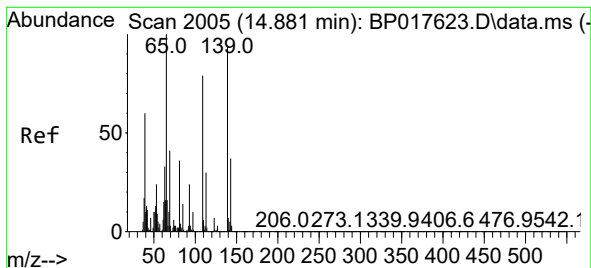
Tgt Ion:153 Resp: 585413
Ion Ratio Lower Upper
153 100
152 47.5 38.0 57.0
154 87.5 69.7 104.5



#53
2,4-Dinitrophenol
Concen: 15.578 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:184 Resp: 56401
Ion Ratio Lower Upper
184 100
63 63.4 60.5 90.7
154 60.8 56.1 84.1

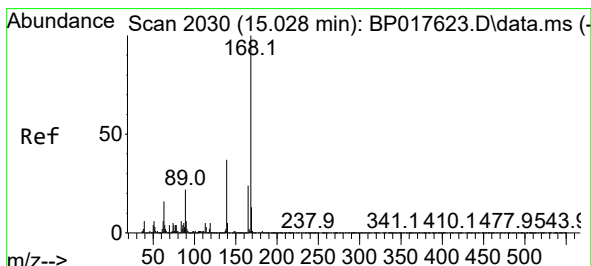
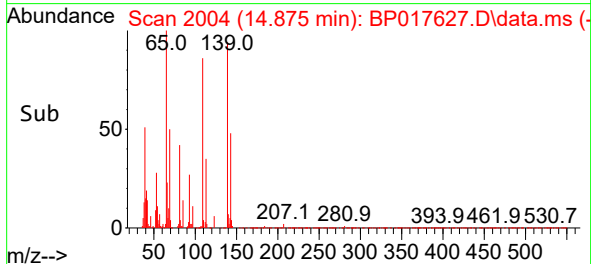
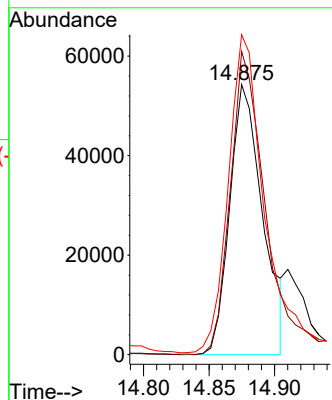
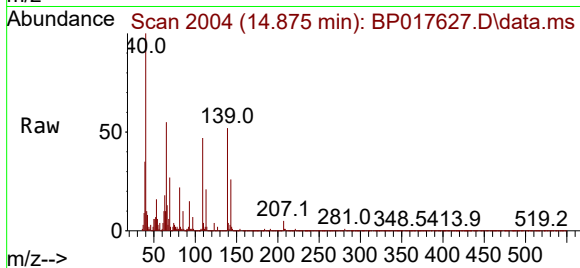




#55
4-Nitrophenol
Concen: 21.577 ng/ul
RT: 14.875 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

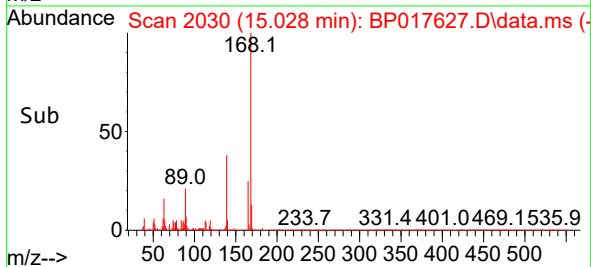
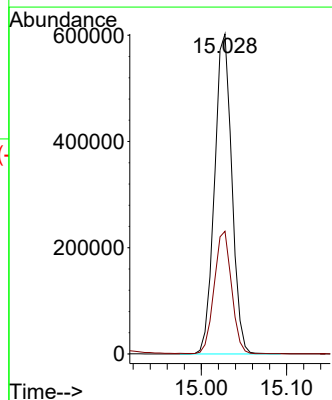
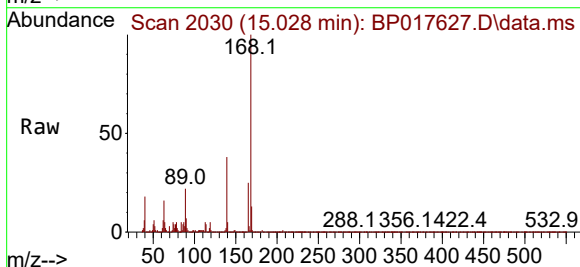
Instrument :
BNA_P
ClientSampleId :
SICV637

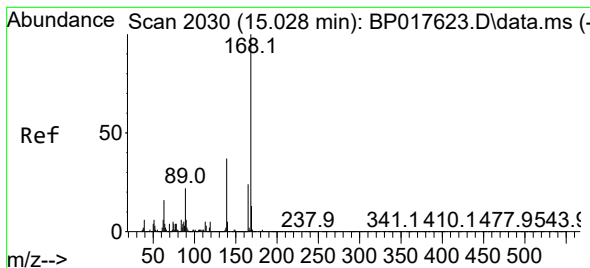
Tgt Ion:109 Resp: 94715
Ion Ratio Lower Upper
109 100
139 112.3 94.6 142.0
65 118.5 101.8 152.6



#56
Dibenzofuran
Concen: 22.035 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:168 Resp: 848022
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.8

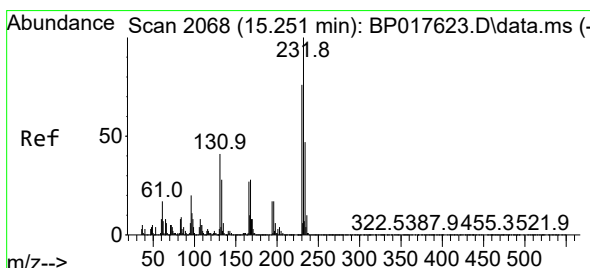
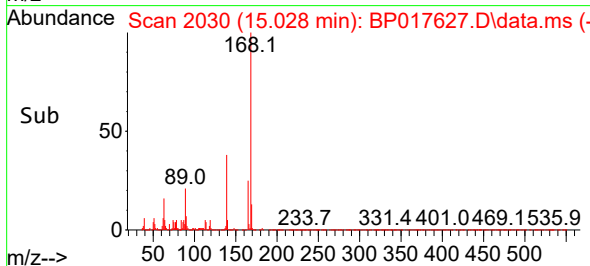
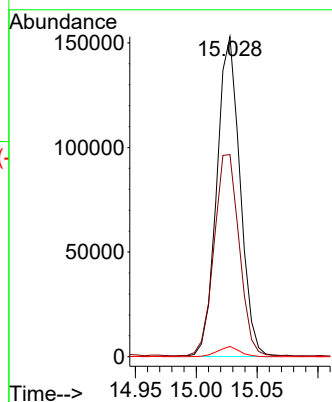
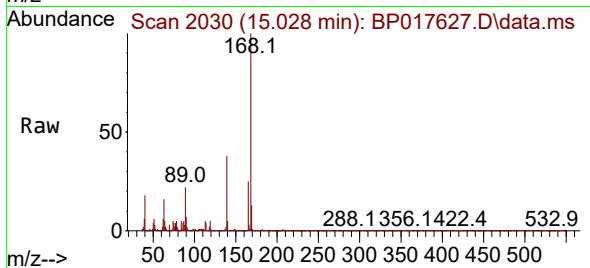




#57
2,4-Dinitrotoluene
Concen: 23.310 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

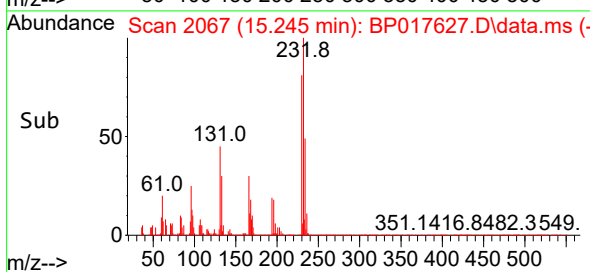
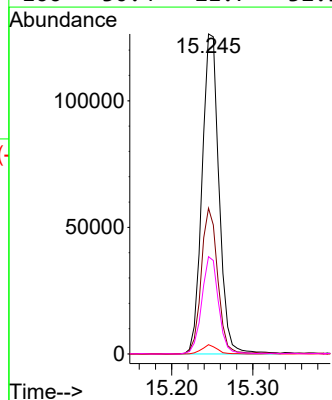
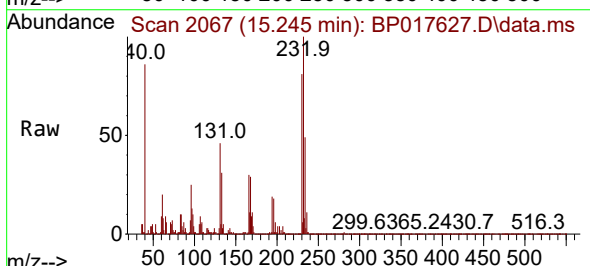
Instrument :
BNA_P
ClientSampleId :
SICV637

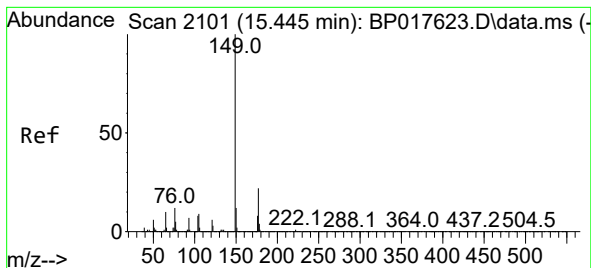
Tgt Ion:165 Resp: 203571
Ion Ratio Lower Upper
165 100
63 63.1 53.0 79.4
182 3.2 2.6 3.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.870 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:232 Resp: 183758
Ion Ratio Lower Upper
232 100
131 45.6 32.4 48.6
130 2.9 2.1 3.1
166 30.4 21.7 32.5





#59

Diethylphthalate

Concen: 22.174 ng/ul

RT: 15.445 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

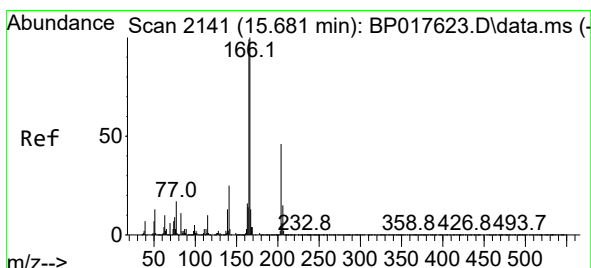
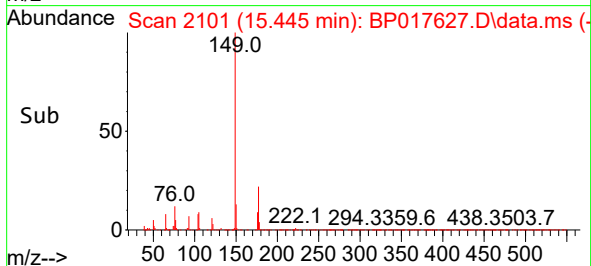
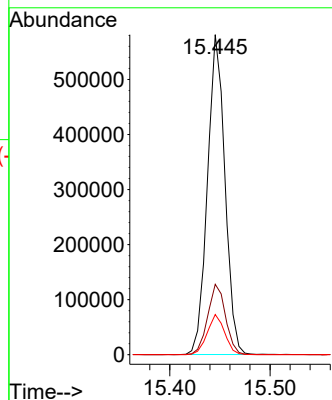
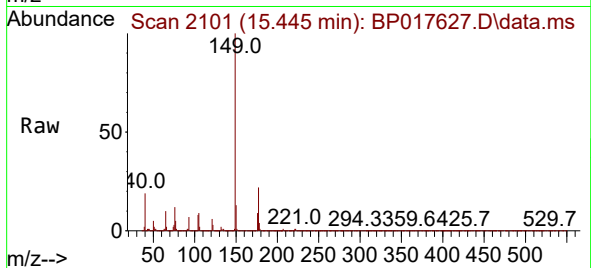
Tgt Ion:149 Resp: 705753

Ion Ratio Lower Upper

149 100

177 22.0 17.7 26.5

150 12.6 9.7 14.5



#61

Fluorene

Concen: 21.940 ng/ul

RT: 15.681 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

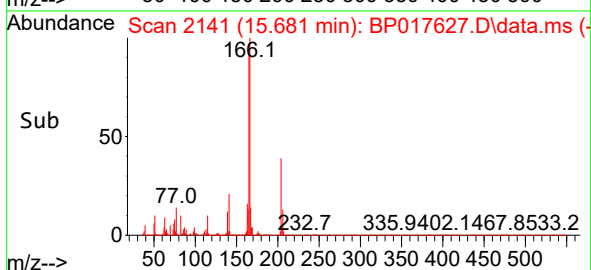
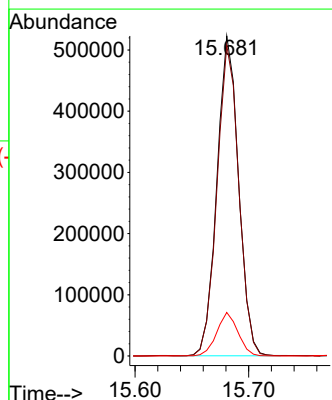
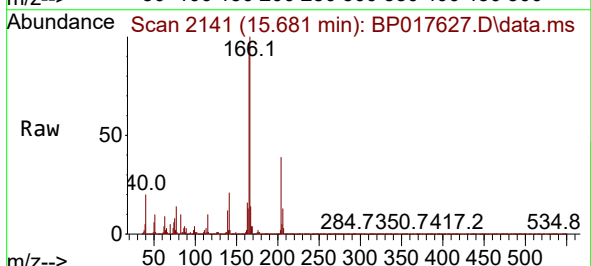
Tgt Ion:166 Resp: 692998

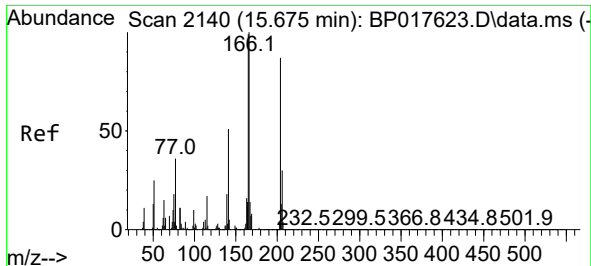
Ion Ratio Lower Upper

166 100

165 97.1 78.8 118.2

167 13.6 10.7 16.1

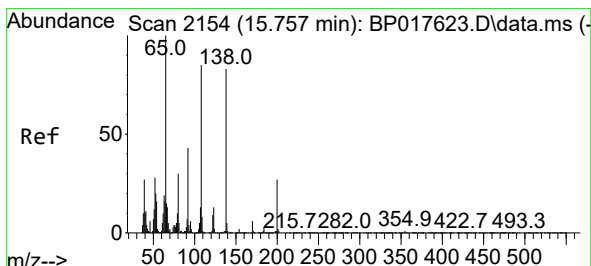
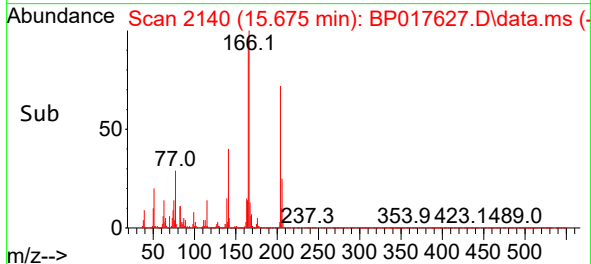
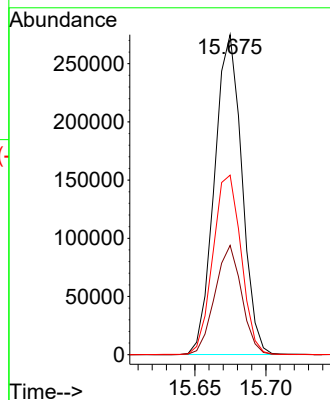
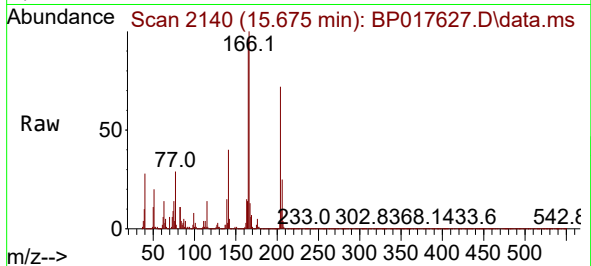




#62
4-Chlorophenyl-phenylether
Concen: 21.993 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

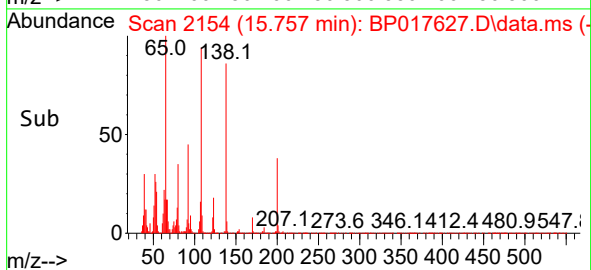
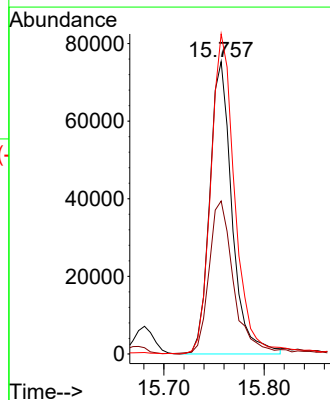
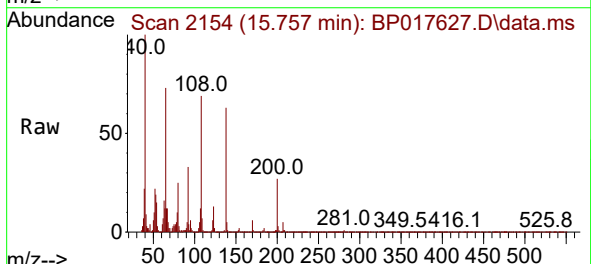
Instrument :
BNA_P
ClientSampleId :
SICV637

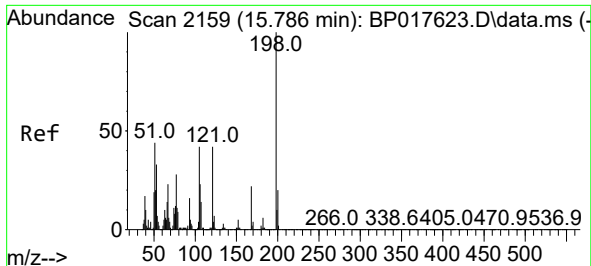
Tgt Ion:204 Resp: 369286
Ion Ratio Lower Upper
204 100
206 34.1 27.2 40.8
141 56.1 47.0 70.4



#63
4-Nitroaniline
Concen: 23.267 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:138 Resp: 116798
Ion Ratio Lower Upper
138 100
92 52.3 41.2 61.8
108 109.5 81.1 121.7

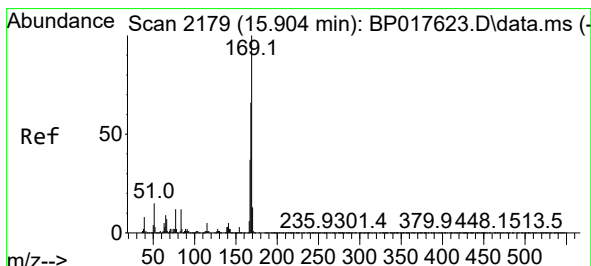
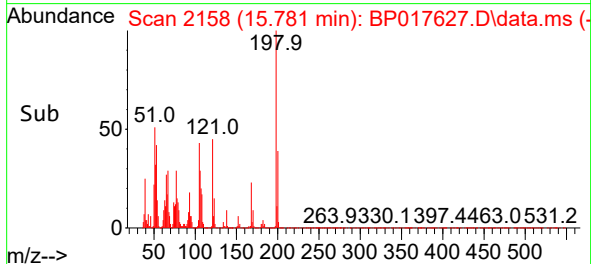
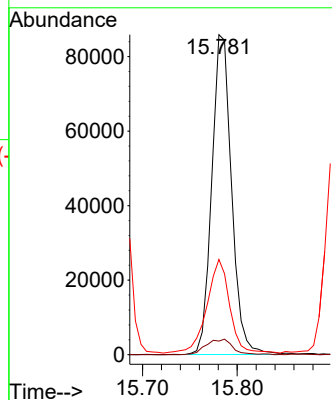
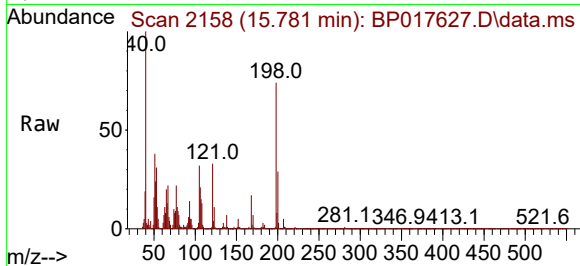




#66
4,6-Dinitro-2-methylphenol
Concen: 21.591 ng/ul
RT: 15.781 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

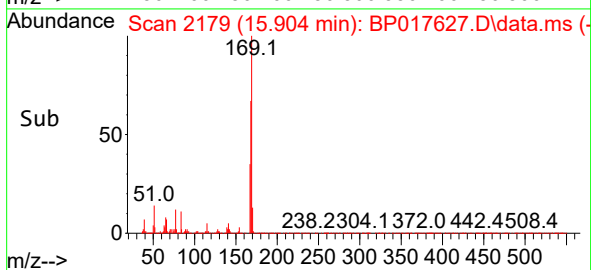
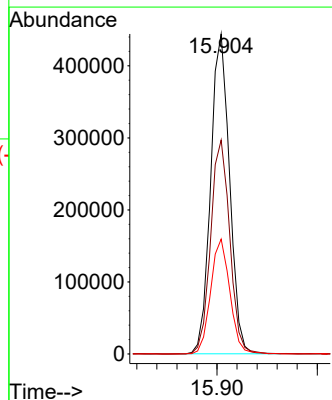
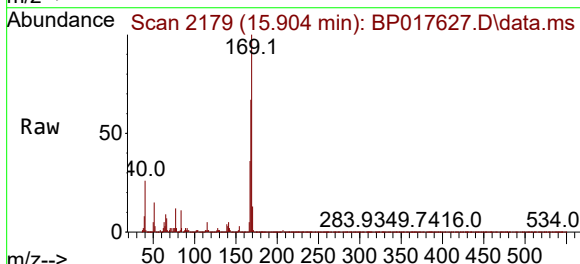
Instrument :
BNA_P
ClientSampleId :
SICV637

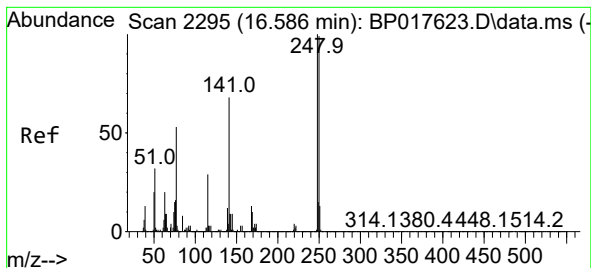
Tgt Ion:198 Resp: 124882
Ion Ratio Lower Upper
198 100
182 4.3 4.6 6.8#
77 29.8 23.8 35.8



#67
N-Nitrosodiphenylamine
Concen: 22.560 ng/ul
RT: 15.904 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:169 Resp: 581200
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 35.9 29.6 44.4

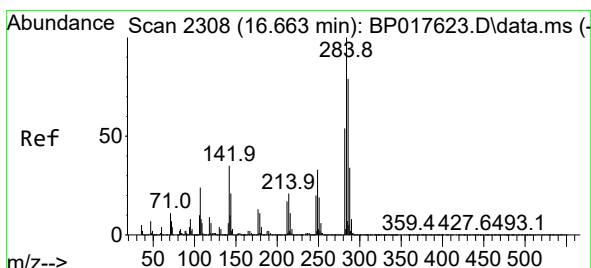
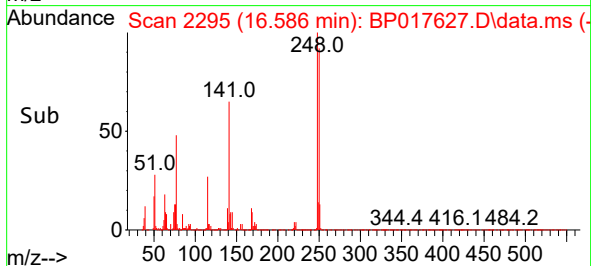
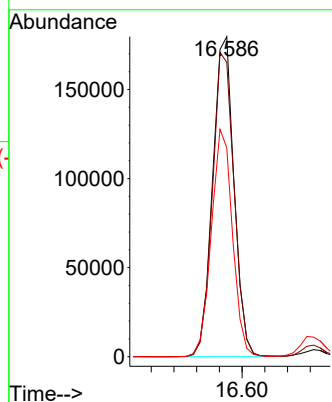
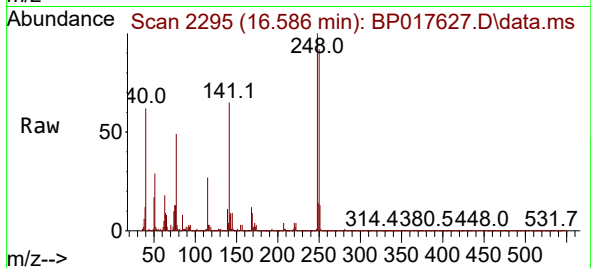




#68
4-Bromophenyl-phenylether
Concen: 22.706 ng/ul
RT: 16.586 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

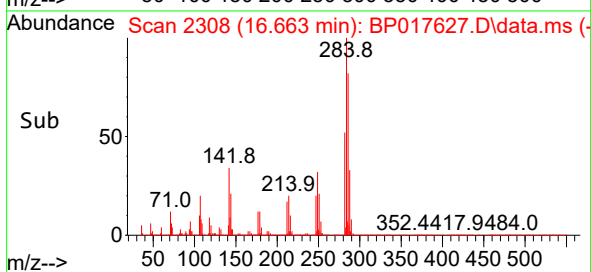
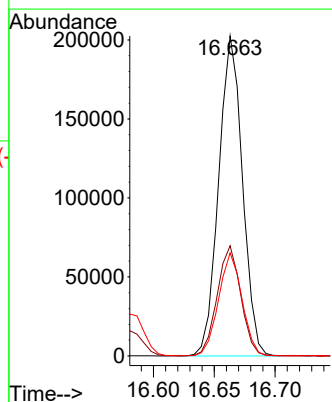
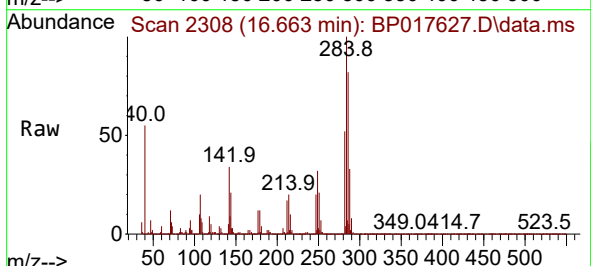
Instrument :
BNA_P
ClientSampleId :
SICV637

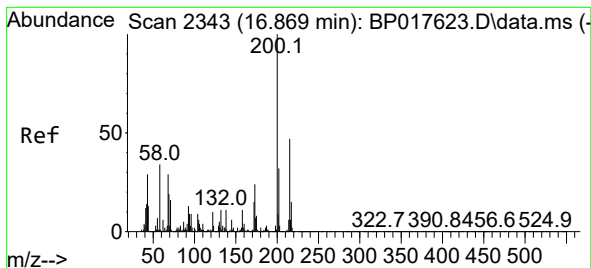
Tgt Ion:248 Resp: 235049
Ion Ratio Lower Upper
248 100
250 92.0 79.3 118.9
141 65.3 54.2 81.2



#69
Hexachlorobenzene
Concen: 22.304 ng/ul
RT: 16.663 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:284 Resp: 275010
Ion Ratio Lower Upper
284 100
142 34.5 28.2 42.4
249 32.2 26.2 39.4





#70

Atrazine

Concen: 22.490 ng/ul

RT: 16.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

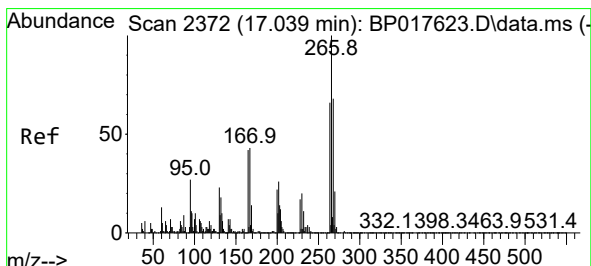
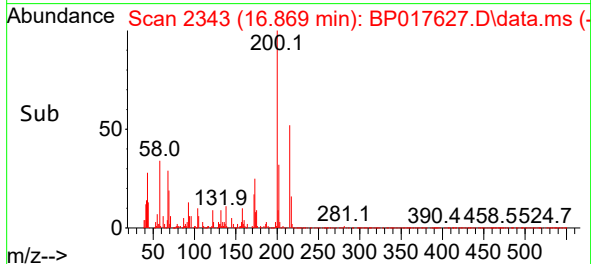
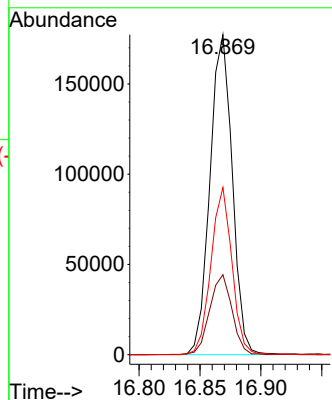
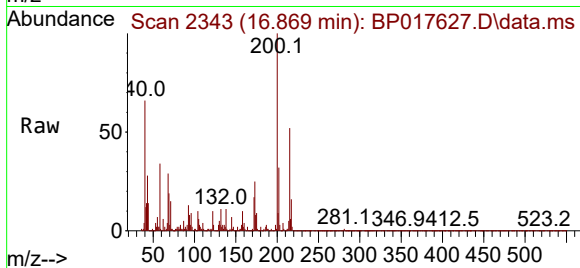
Tgt Ion:200 Resp: 225504

Ion Ratio Lower Upper

200 100

173 25.0 19.5 29.3

215 52.3 37.8 56.8



#71

Pentachlorophenol

Concen: 21.211 ng/ul

RT: 17.039 min Scan# 2372

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

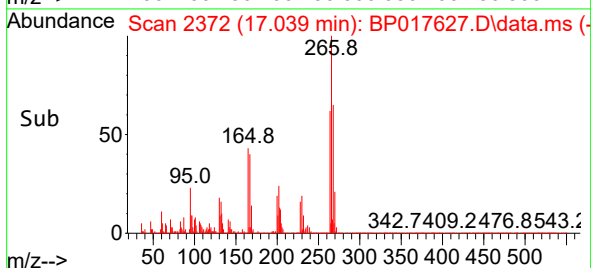
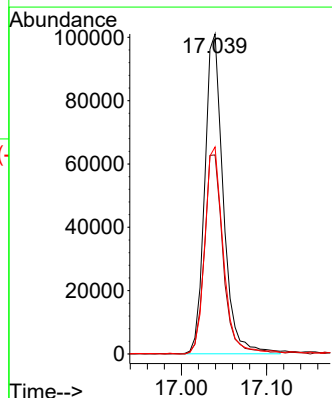
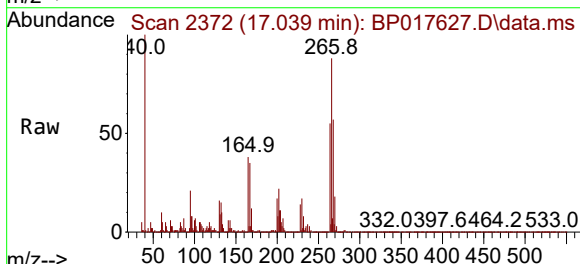
Tgt Ion:266 Resp: 152516

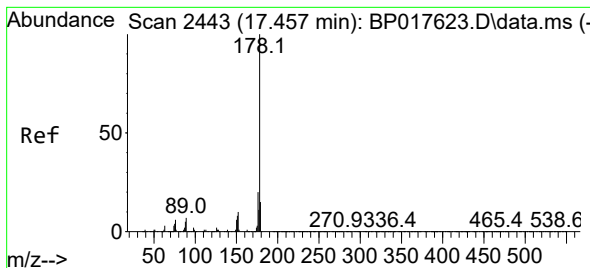
Ion Ratio Lower Upper

266 100

264 62.2 52.5 78.7

268 64.7 54.6 81.8





#72

Phenanthrene

Concen: 21.746 ng/ul

RT: 17.457 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

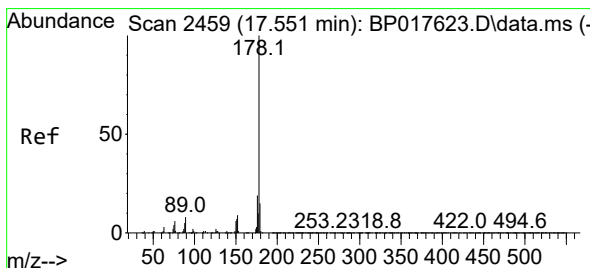
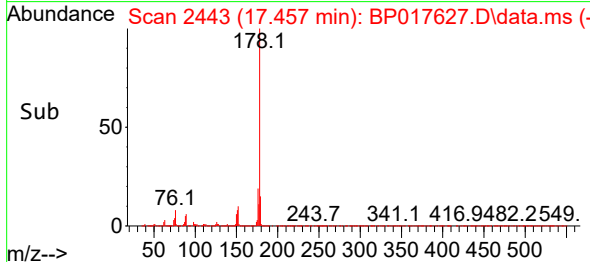
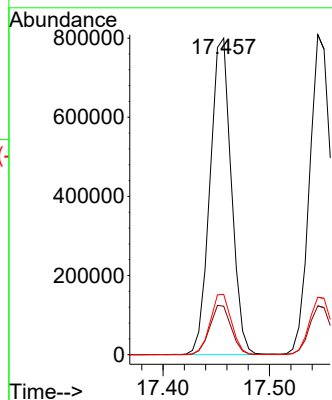
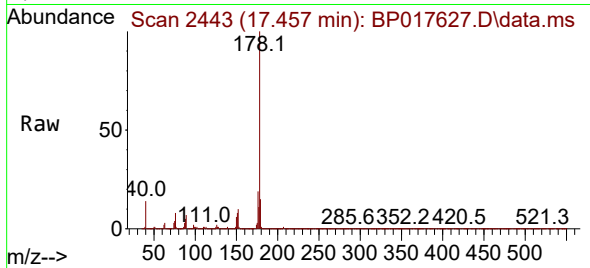
Tgt Ion:178 Resp: 1111294

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.1 15.8 23.6



#74

Anthracene

Concen: 22.193 ng/ul

RT: 17.545 min Scan# 2458

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

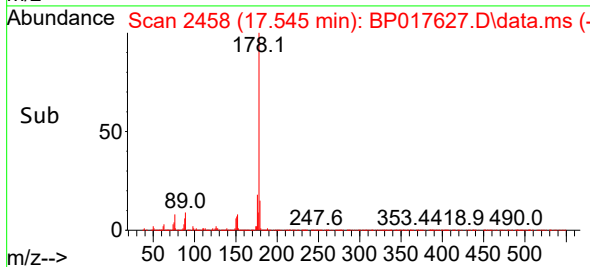
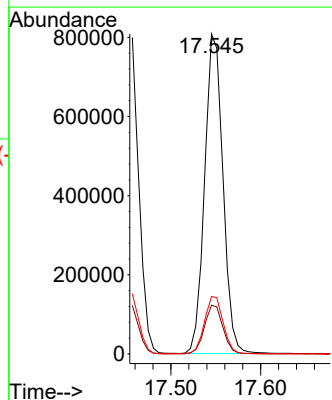
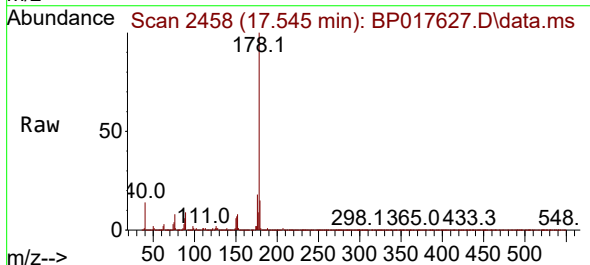
Tgt Ion:178 Resp: 1145538

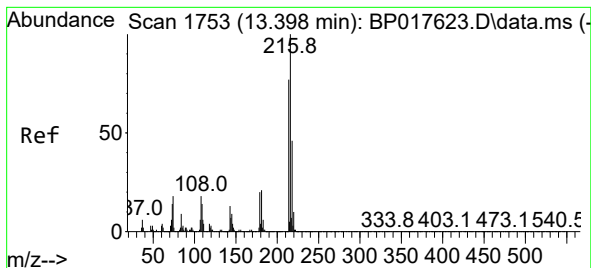
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 17.9 15.0 22.6

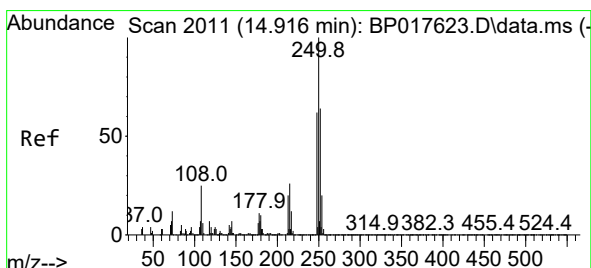
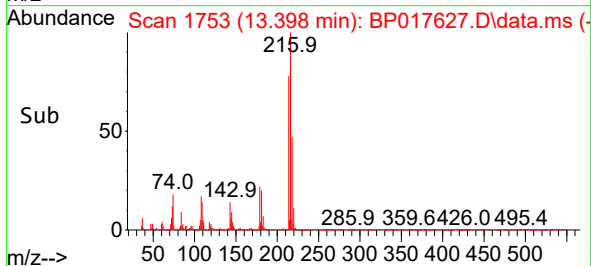
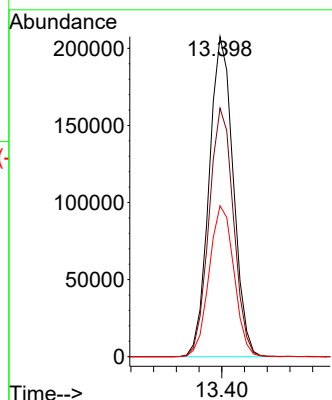
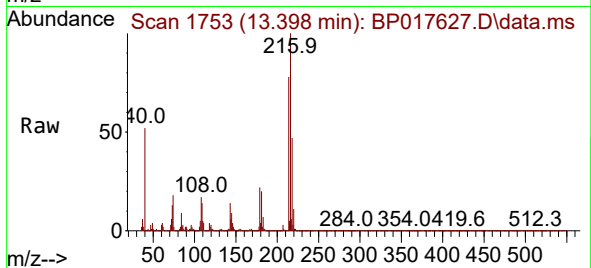




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.315 ng/uL
RT: 13.398 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

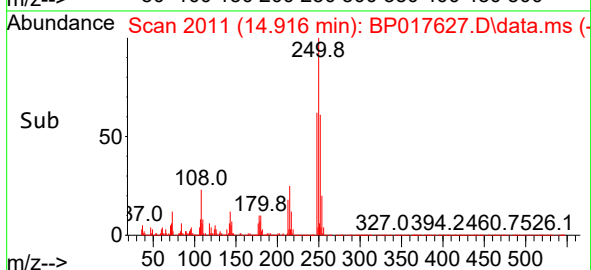
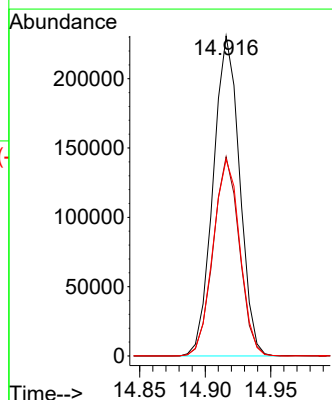
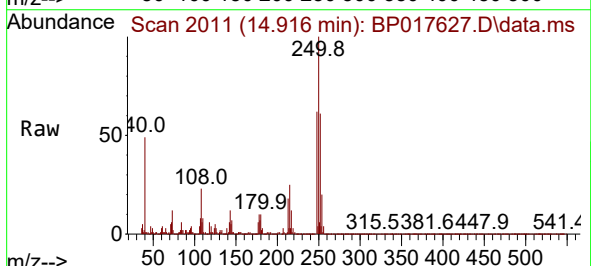
Instrument :
BNA_P
ClientSampleId :
SICV637

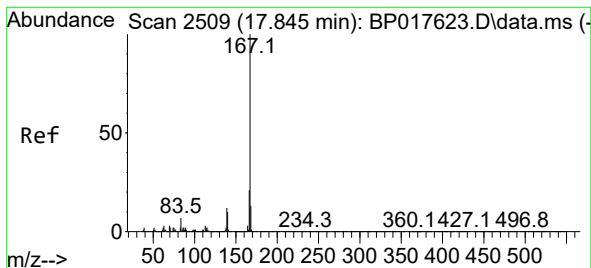
Tgt Ion:216 Resp: 306651
Ion Ratio Lower Upper
216 100
214 77.6 61.1 91.7
218 47.1 37.1 55.7



#76
Pentachlorobenzene
Concen: 23.083 ng/uL
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:250 Resp: 323380
Ion Ratio Lower Upper
250 100
248 62.2 49.6 74.4
252 61.4 50.9 76.3





#77

Carbazole

Concen: 22.245 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

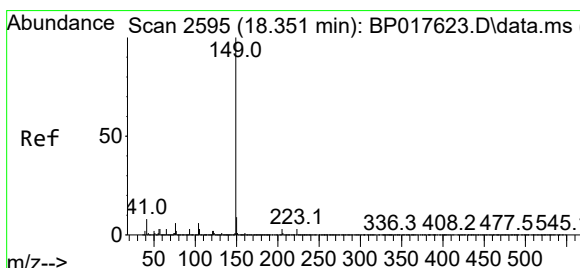
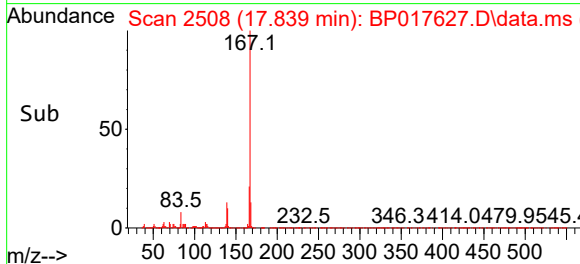
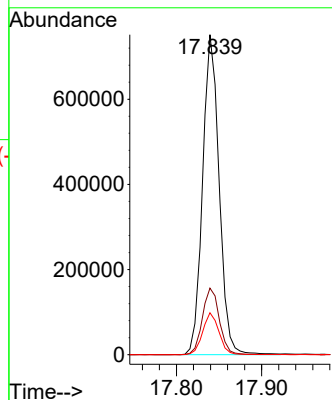
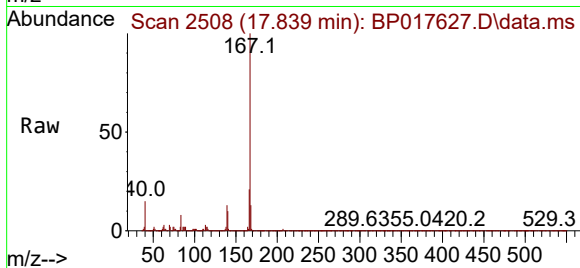
Tgt Ion:167 Resp: 1013163

Ion Ratio Lower Upper

167 100

166 20.8 17.1 25.7

139 13.1 10.0 15.0



#78

Di-n-butylphthalate

Concen: 22.702 ng/ul

RT: 18.351 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

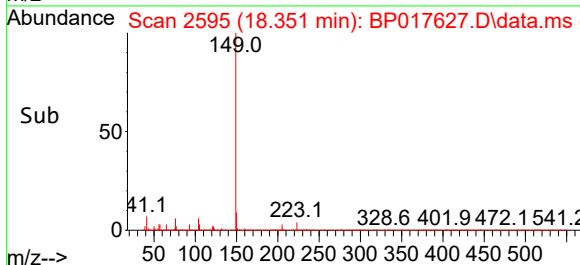
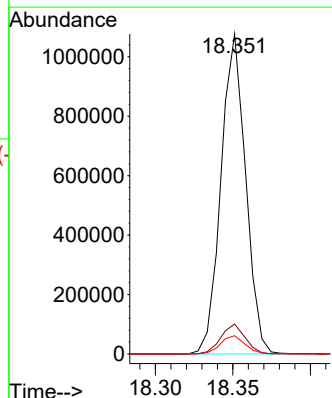
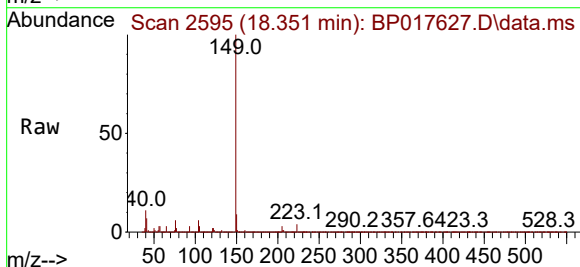
Tgt Ion:149 Resp: 1189534

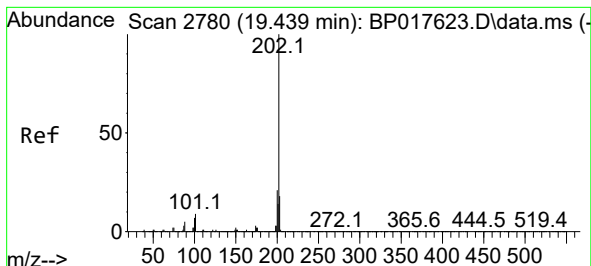
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.7 4.6 6.8





#80

Fluoranthene

Concen: 22.226 ng/ul

RT: 19.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

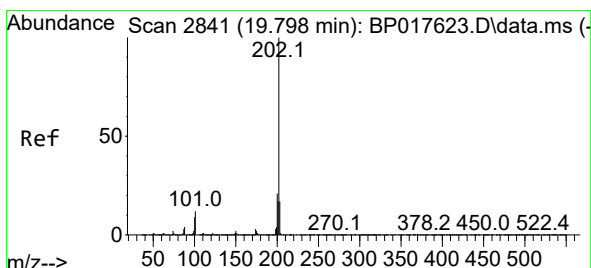
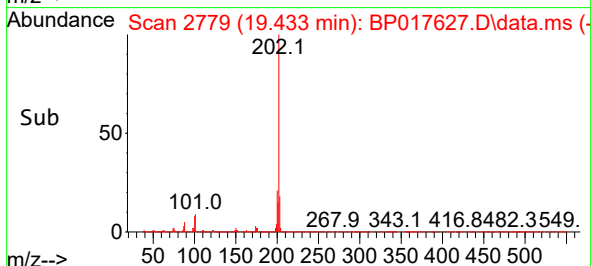
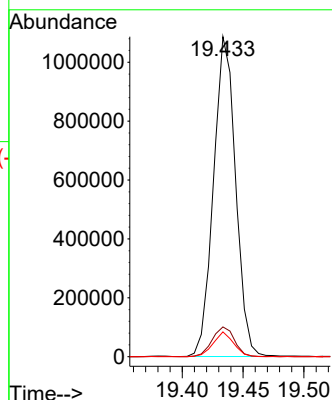
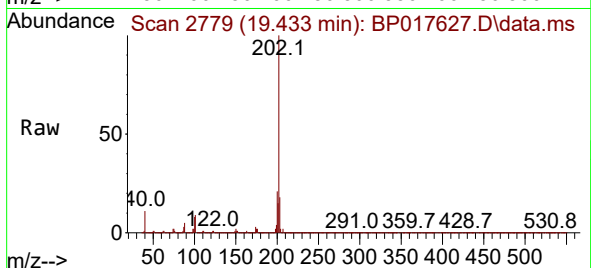
Tgt Ion:202 Resp: 1374998

Ion Ratio Lower Upper

202 100

101 9.3 7.4 11.0

100 7.8 5.9 8.9



#82

Pyrene

Concen: 21.982 ng/ul

RT: 19.798 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

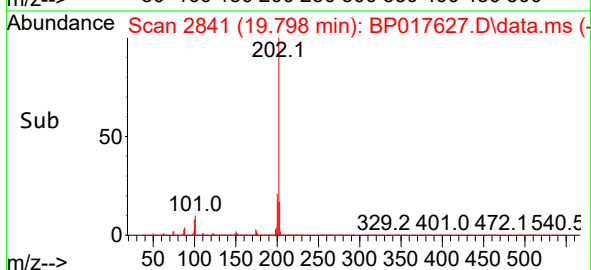
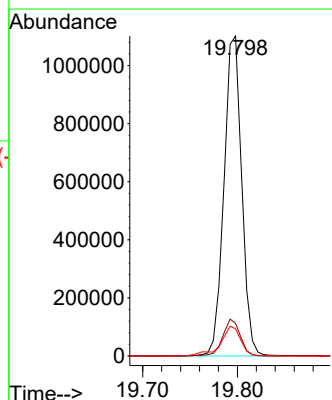
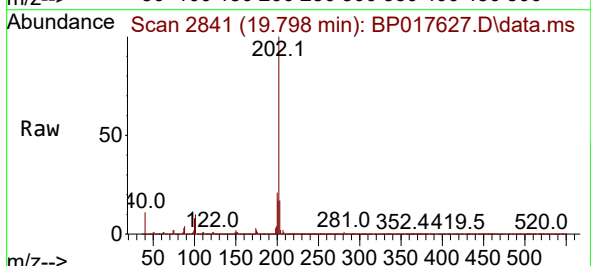
Tgt Ion:202 Resp: 1435743

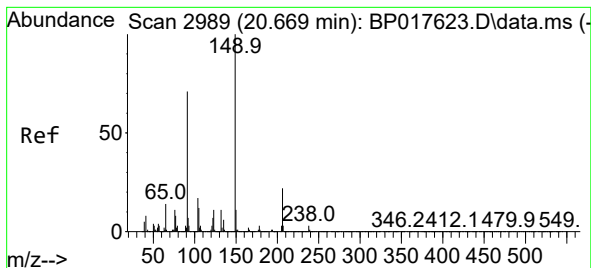
Ion Ratio Lower Upper

202 100

101 10.2 9.4 14.0

100 8.5 7.4 11.0





#83

Butylbenzylphthalate

Concen: 22.713 ng/ul

RT: 20.663 min Scan# 2989

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

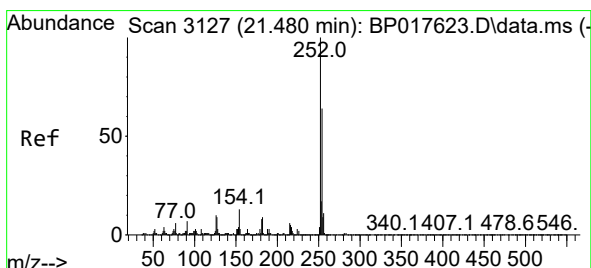
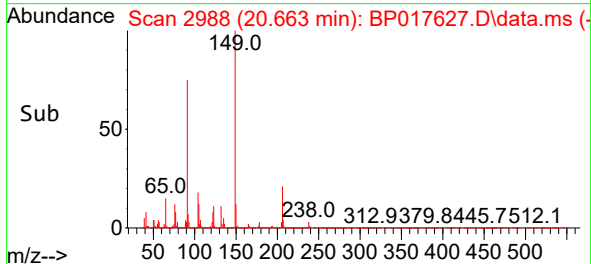
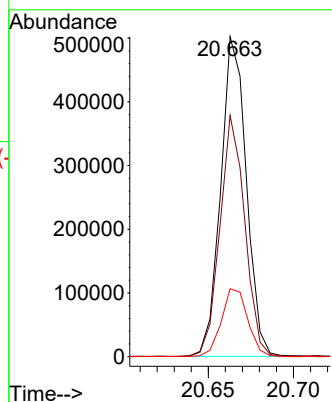
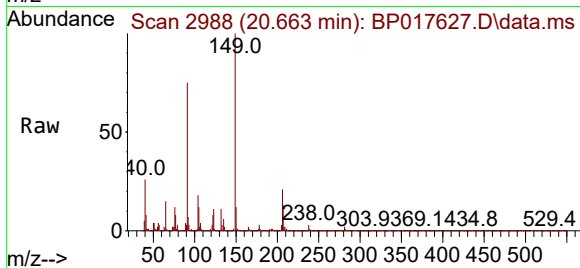
Tgt Ion:149 Resp: 524254

Ion Ratio Lower Upper

149 100

91 75.3 57.1 85.7

206 21.2 17.6 26.4



#84

3,3'-Dichlorobenzidine

Concen: 22.838 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

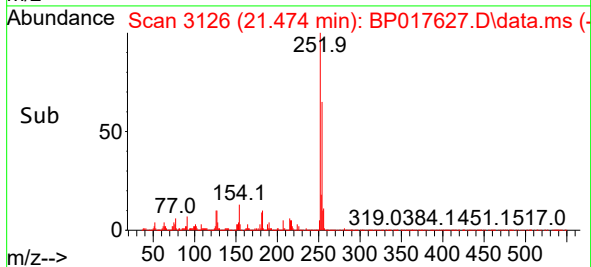
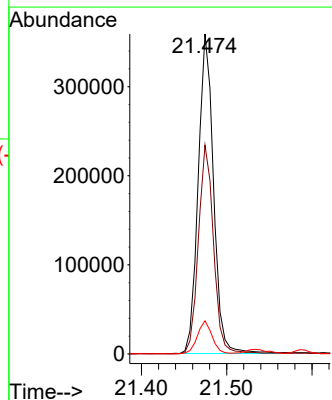
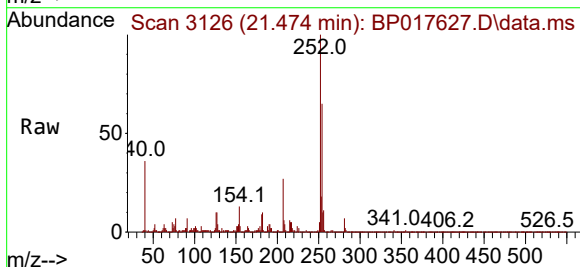
Tgt Ion:252 Resp: 448188

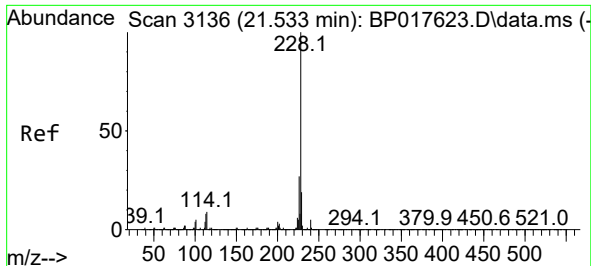
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 10.3 7.8 11.8

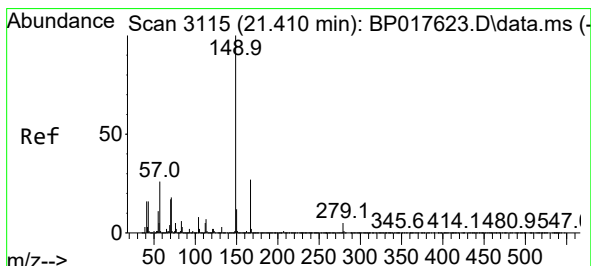
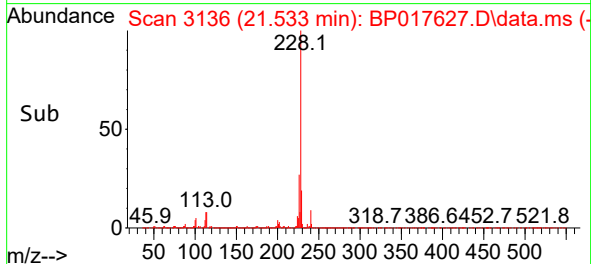
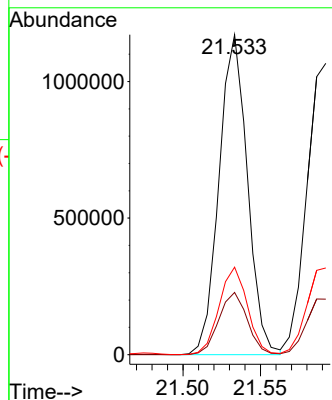
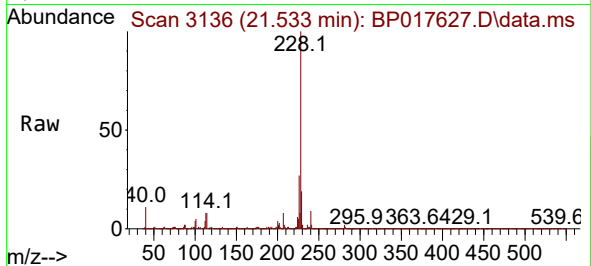




#85
Benzo(a)anthracene
Concen: 21.996 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

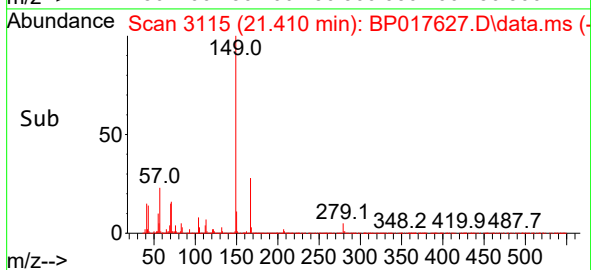
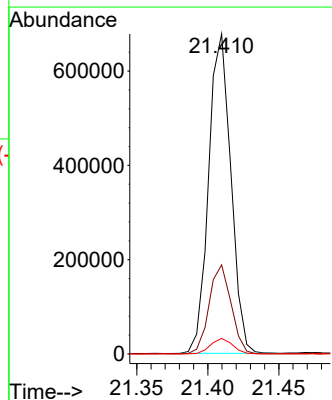
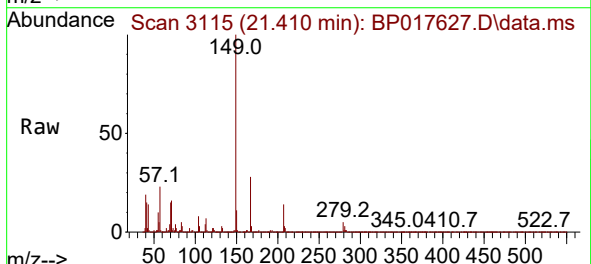
Instrument :
BNA_P
ClientSampleId :
SICV637

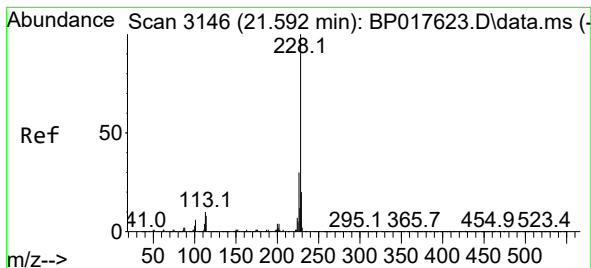
Tgt Ion:228 Resp: 1490361
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.3 21.8 32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.750 ng/ul
RT: 21.410 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BP017627.D
Acq: 09 Oct 2023 21:20

Tgt Ion:149 Resp: 739464
Ion Ratio Lower Upper
149 100
167 27.8 21.7 32.5
279 4.8 3.6 5.4





#87

Chrysene

Concen: 21.944 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

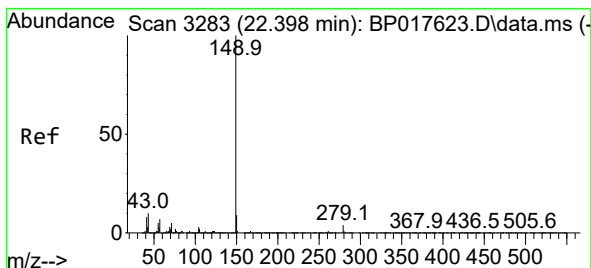
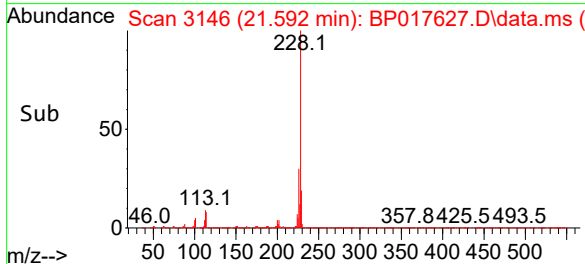
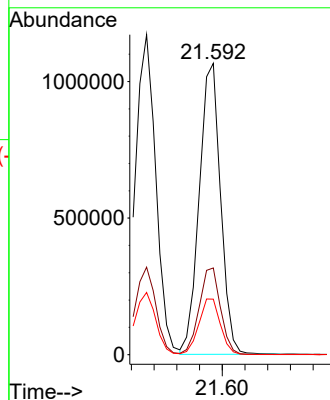
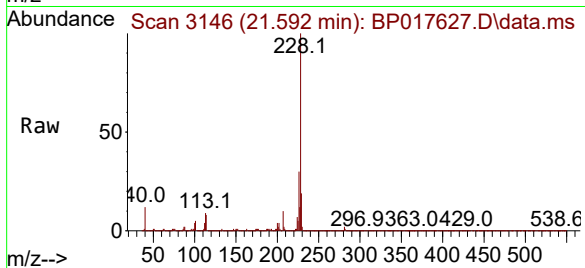
Tgt Ion:228 Resp: 1389497

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.1 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 20.722 ng/ul

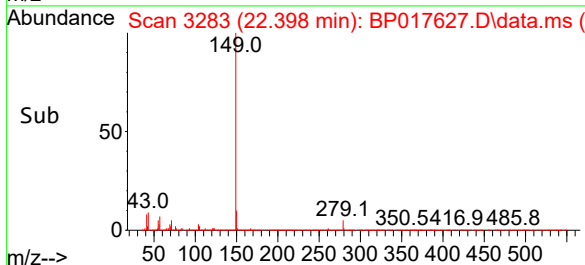
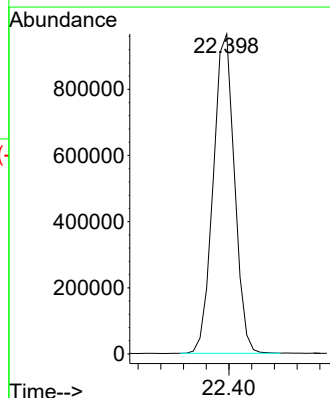
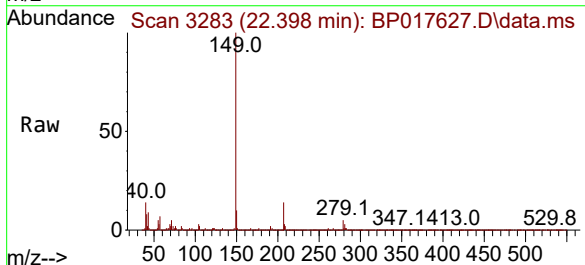
RT: 22.398 min Scan# 3283

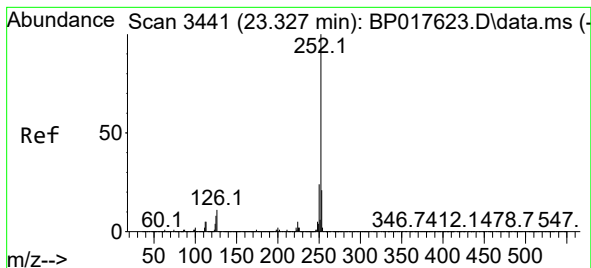
Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Tgt Ion:149 Resp: 1256660





#90

Benzo(b)fluoranthene

Concen: 22.361 ng/ul

RT: 23.321 min Scan# 3441

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

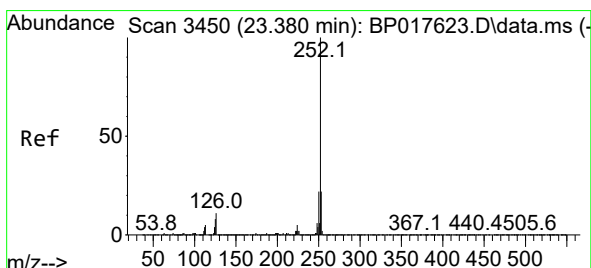
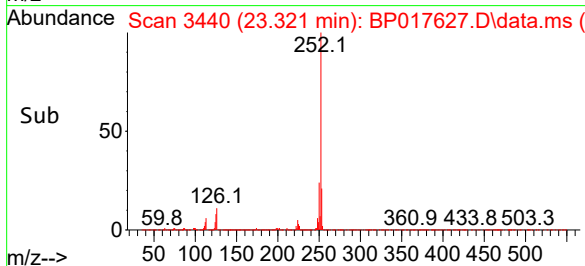
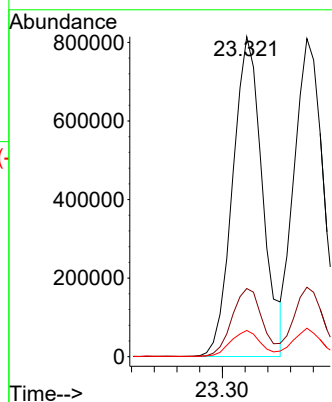
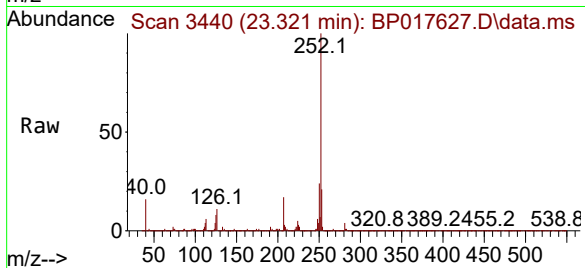
Tgt Ion:252 Resp: 1480498

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 8.2 6.6 10.0



#91

Benzo(k)fluoranthene

Concen: 21.458 ng/ul

RT: 23.374 min Scan# 3449

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

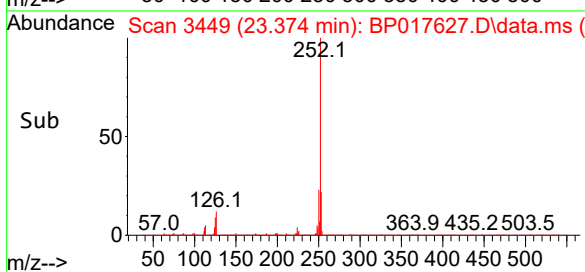
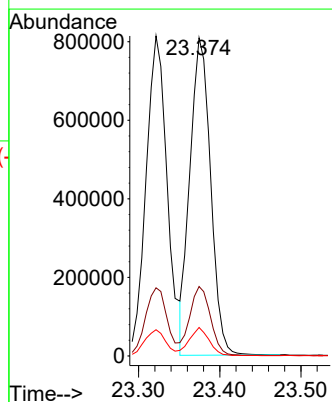
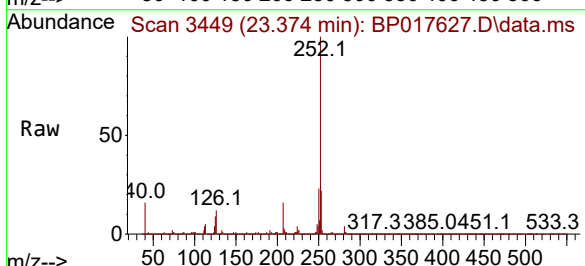
Tgt Ion:252 Resp: 1431737

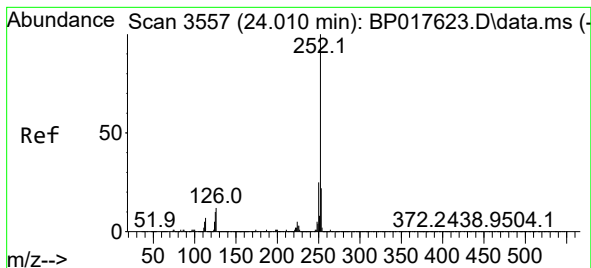
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.0 6.6 10.0





#93

Benzo(a)pyrene

Concen: 22.285 ng/ul

RT: 24.010 min Scan# 3557

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

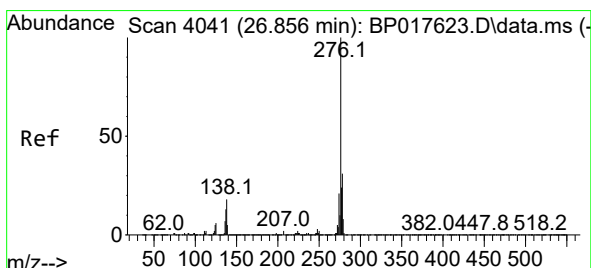
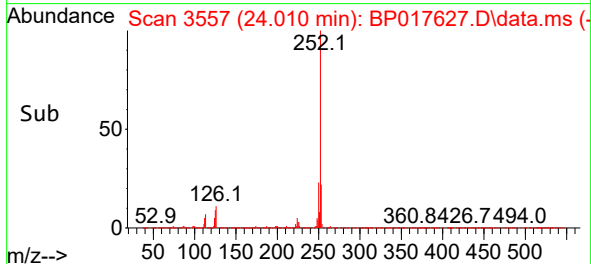
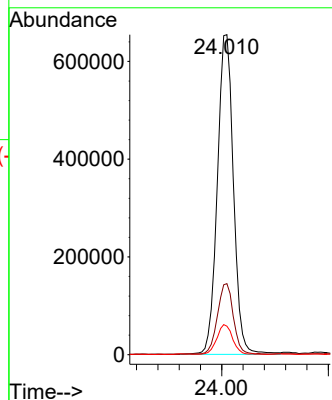
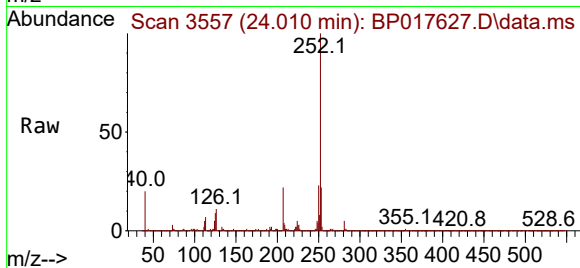
Tgt Ion:252 Resp: 1372504

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 22.230 ng/ul

RT: 26.857 min Scan# 4041

Delta R.T. 0.000 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

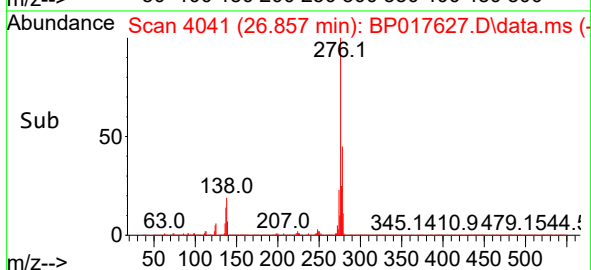
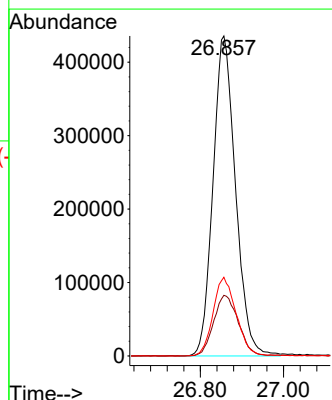
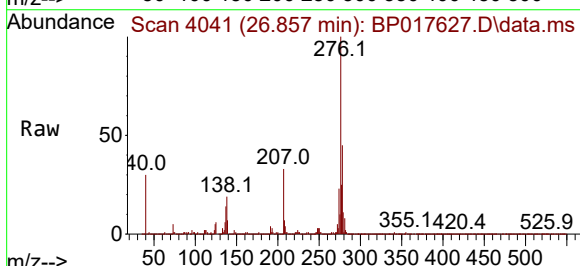
Tgt Ion:276 Resp: 1636771

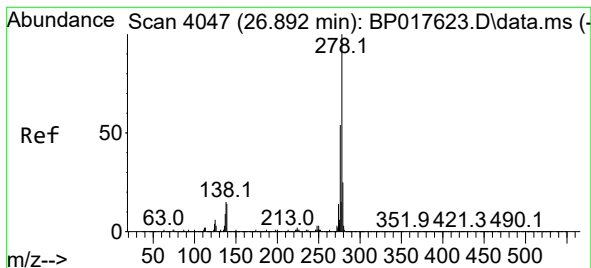
Ion Ratio Lower Upper

276 100

138 18.9 14.5 21.7

277 24.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 22.506 ng/ul

RT: 26.886 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Instrument :

BNA_P

ClientSampleId :

SICV637

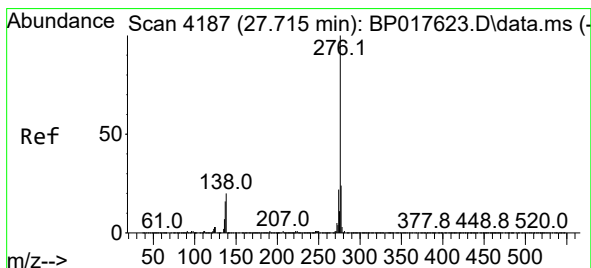
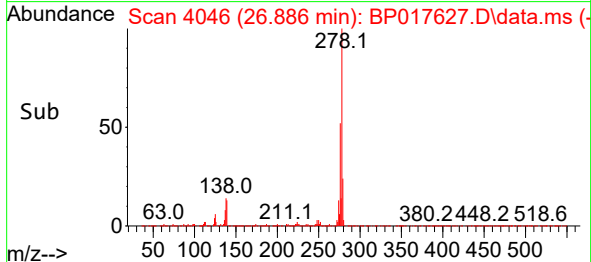
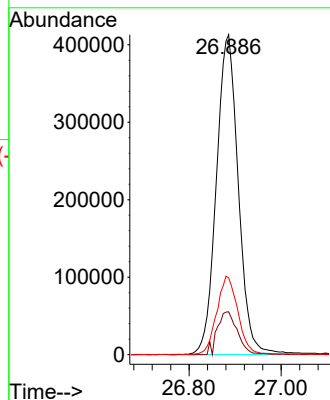
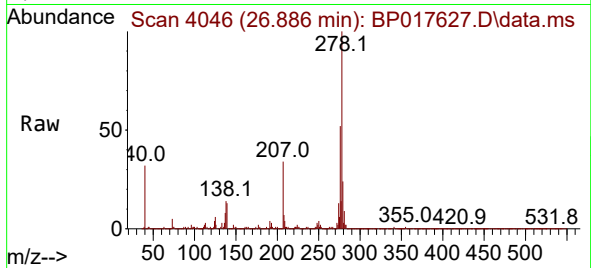
Tgt Ion:278 Resp: 1357047

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.6

279 24.0 19.9 29.9



#96

Benzo(g,h,i)perylene

Concen: 21.928 ng/ul

RT: 27.709 min Scan# 4186

Delta R.T. -0.006 min

Lab File: BP017627.D

Acq: 09 Oct 2023 21:20

Tgt Ion:276 Resp: 1315766

Ion Ratio Lower Upper

276 100

138 18.2 15.8 23.6

277 24.2 19.0 28.6

