

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
 Data File : BP016733.D
 Acq On : 24 Aug 2023 18:29
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV637

Quant Time: Aug 25 01:48:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:47:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	387593	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1750264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	1117443	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2478090	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	2361717	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	2461693	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	77925	8.309	ng/uL	0.00
4) Pyridine-d5	3.822	84	573806	20.022	ng/u1	0.00
7) Phenol-d5	7.181	99	669192	19.417	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	442566	20.148	ng/u1	0.00
11) 2-Chlorophenol-d4	7.558	132	525028	20.261	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	556299	19.773	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	271160	20.490	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	283663	20.335	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	530597	20.403	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	795295	19.942	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1688942	20.042	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1945173	20.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	330921	18.999	ng/u1	0.00
60) Fluorene-d10	15.687	176	1422509	20.045	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	266980	18.091	ng/u1	0.00
73) Anthracene-d10	17.557	188	2227517	20.279	ng/u1	0.00
81) Pyrene-d10	19.786	212	2590674	19.973	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2486294	20.163	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	84425	8.267	ng/uL	97
5) Pyridine	3.840	79	592521	20.071	ng/u1	100
6) Benzaldehyde	7.193	77	439183	23.302	ng/u1	99
8) Phenol	7.205	94	706106	19.577	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	586168	20.133	ng/u1	100
12) 2-Chlorophenol	7.587	128	536707	20.263	ng/u1	99
13) 2-Methylphenol	8.475	108	531053	19.628	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.552	45	565463	13.315	ng/u1	99
16) Acetophenone	8.887	105	902813	20.694	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.857	70	481841	20.958	ng/u1	98
18) 4-Methylphenol	8.810	108	585467	19.872	ng/u1	98
19) Hexachloroethane	9.110	117	223146	20.248	ng/u1	99
22) Nitrobenzene	9.281	77	694013	20.442	ng/u1	100
23) Isophorone	9.793	82	1345161	20.400	ng/u1	99
25) 2-Nitrophenol	9.981	139	319036	20.684	ng/u1	98
26) 2,4-Dimethylphenol	10.016	107	624461	20.143	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.281	93	822466	20.218	ng/u1	98
29) 2,4-Dichlorophenol	10.504	162	527071	20.177	ng/u1	100
30) Naphthalene	10.922	128	1831301	20.198	ng/u1	100
32) 4-Chloroaniline	11.051	127	786879	20.077	ng/u1	99
33) Hexachlorobutadiene	11.151	225	317647	19.740	ng/u1	97
34) Caprolactam	11.869	113	189669	19.688	ng/u1	95
35) 4-Chloro-3-methylphenol	12.140	107	597616	20.401	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	1260816	20.147	ng/u1	100

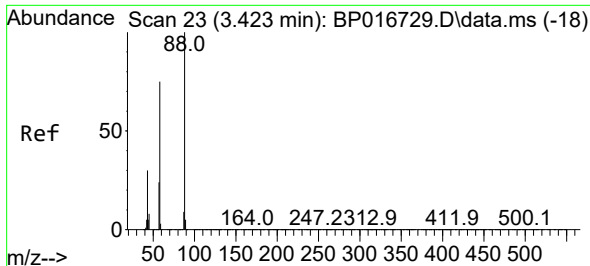
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	1289090	20.427	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.869	216	635999	19.969	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	375873	16.048	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	428467	20.146	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	463243	20.129	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1680100	20.222	ng/ul	98
44) 2-Chloronaphthalene	13.575	162	1324887	20.200	ng/ul	99
45) 2-Nitroaniline	13.804	65	406277	20.426	ng/ul	94
47) Dimethylphthalate	14.151	163	1705696	19.986	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	337315	20.170	ng/ul	98
50) Acenaphthylene	14.416	152	2202888	20.203	ng/ul	100
51) 3-Nitroaniline	14.628	138	350803	20.145	ng/ul	97
52) Acenaphthene	14.751	153	1451197	20.118	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	189001	15.553	ng/ul	98
55) 4-Nitrophenol	14.910	109	254101	19.317	ng/ul	98
56) Dibenzofuran	15.092	168	1984877	20.054	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	501001	20.353	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.304	232	388842	19.846	ng/ul	100
59) Diethylphthalate	15.504	149	1742128	20.093	ng/ul	99
61) Fluorene	15.739	166	1650920	19.941	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.734	204	803372	19.765	ng/ul	99
63) 4-Nitroaniline	15.798	138	349533	21.094	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.822	198	294563	18.513	ng/ul	99
67) N-Nitrosodiphenylamine	15.957	169	1387187	20.239	ng/ul	99
68) 4-Bromophenyl-phenylether	16.634	248	465986	19.613	ng/ul	97
69) Hexachlorobenzene	16.716	284	520957	19.584	ng/ul	96
70) Atrazine	16.910	200	525916	20.353	ng/ul	99
71) Pentachlorophenol	17.081	266	342494	17.344	ng/ul	99
72) Phenanthrene	17.498	178	2608029	19.991	ng/ul	100
74) Anthracene	17.592	178	2665991	20.210	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	678293	20.442	ng/ul	98
76) Pentachlorobenzene	14.981	250	600274	20.244	ng/ul	98
77) Carbazole	17.875	167	2465523	20.753	ng/ul	100
78) Di-n-butylphthalate	18.381	149	3048681	20.569	ng/ul	100
80) Fluoranthene	19.457	202	3070149	19.704	ng/ul	98
82) Pyrene	19.816	202	3219292	20.002	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1396867	20.124	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	996976	19.750	ng/ul	98
85) Benzo(a)anthracene	21.539	228	3259603	20.037	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	2054158	20.267	ng/ul	98
87) Chrysene	21.592	228	2998058	20.289	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	3489384	18.823	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	3099677	19.719	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	3060997	19.689	ng/ul	99
93) Benzo(a)pyrene	24.010	252	2857603	20.097	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.862	276	3076027	21.171	ng/ul	100
95) Dibenzo(a,h)anthracene	26.892	278	2558688	21.202	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	2358744	21.413	ng/ul	99

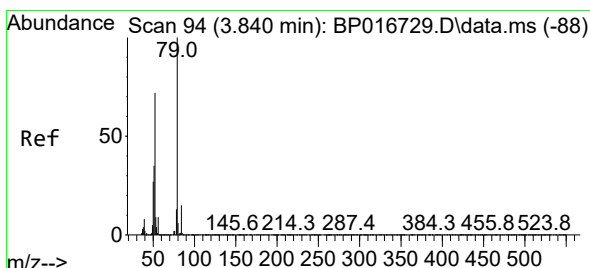
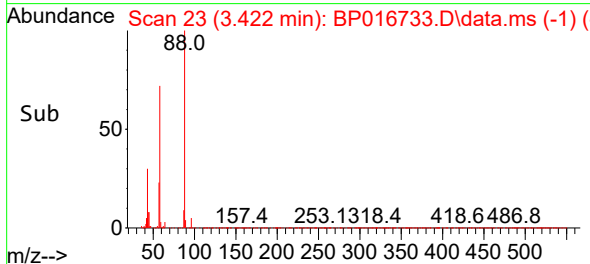
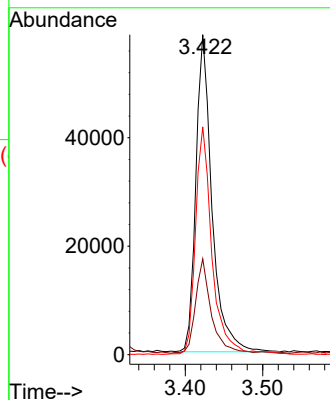
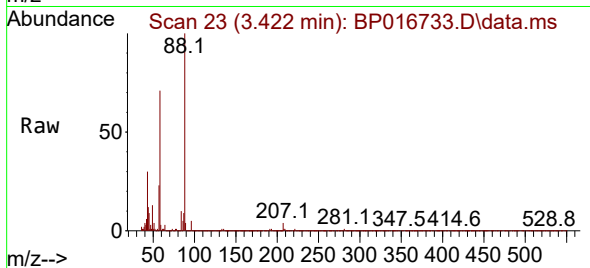
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#2
1,4-Dioxane
Concen: 8.267 ng/uL
RT: 3.422 min Scan# 21
Delta R.T. -0.001 min
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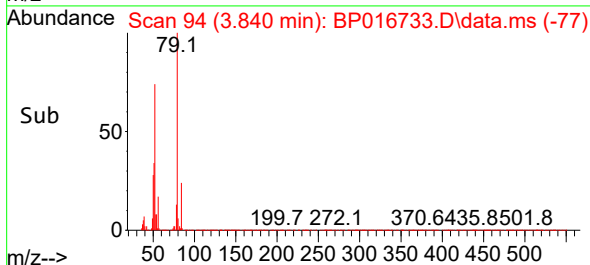
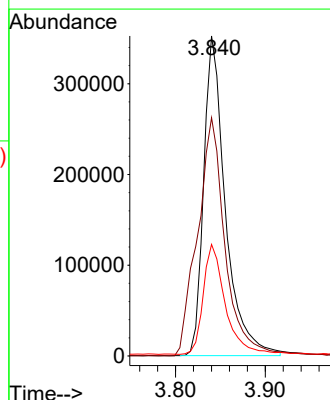
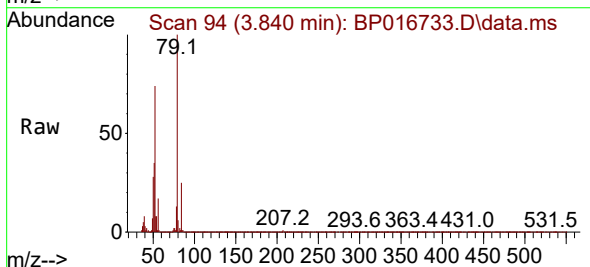
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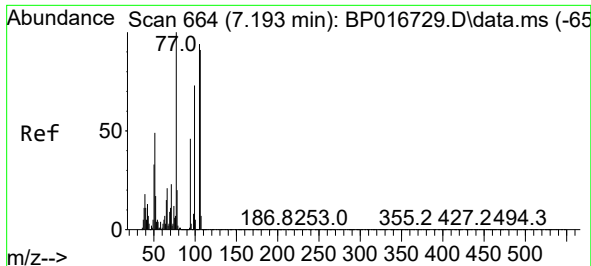
Tgt Ion: 88 Resp: 84425
Ion Ratio Lower Upper
88 100
43 30.0 24.0 36.0
58 71.2 59.8 89.8



#5
Pyridine
Concen: 20.071 ng/uL
RT: 3.840 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion: 79 Resp: 592521
Ion Ratio Lower Upper
79 100
52 74.4 59.6 89.4
51 34.9 28.2 42.2

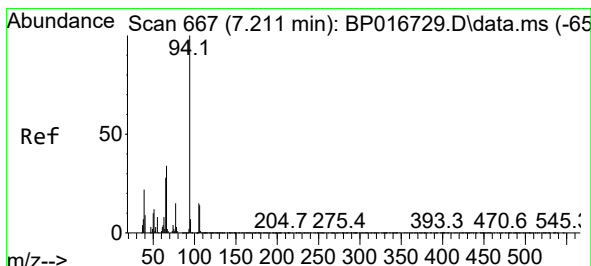
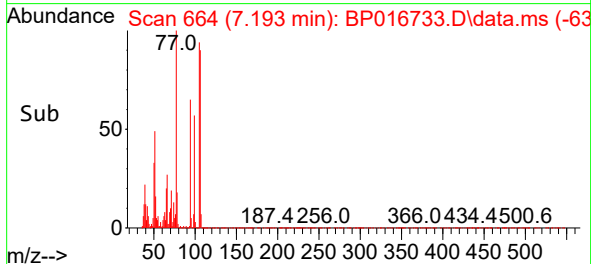
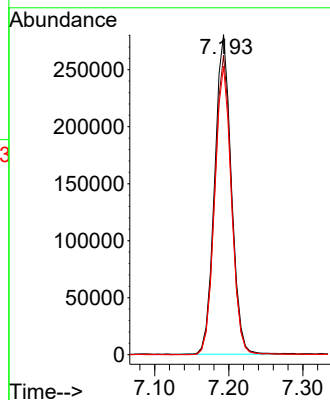
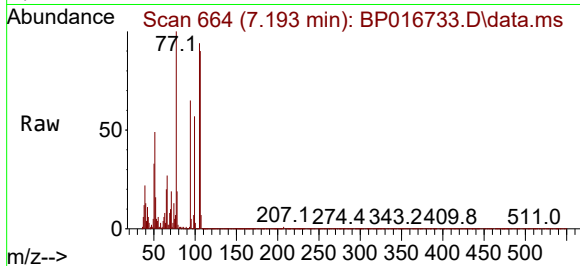




#6
Benzaldehyde
Concen: 23.302 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

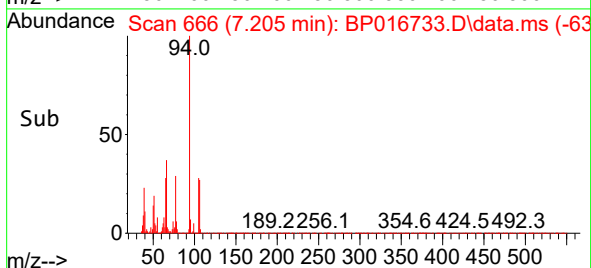
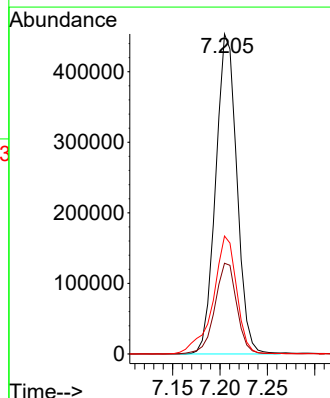
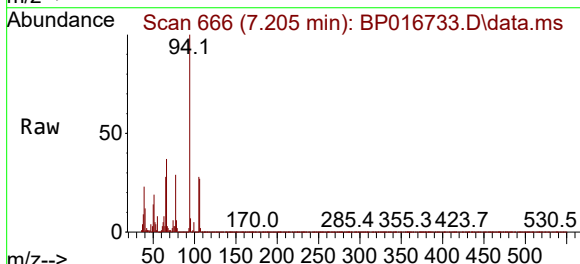
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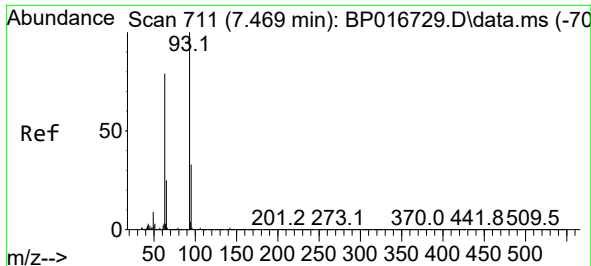
Tgt Ion: 77 Resp: 439183
Ion Ratio Lower Upper
77 100
105 93.6 75.4 113.2
106 90.1 73.1 109.7



#8
Phenol
Concen: 19.577 ng/ul
RT: 7.205 min Scan# 666
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion: 94 Resp: 706106
Ion Ratio Lower Upper
94 100
65 28.3 22.4 33.6
66 36.9 28.6 42.8

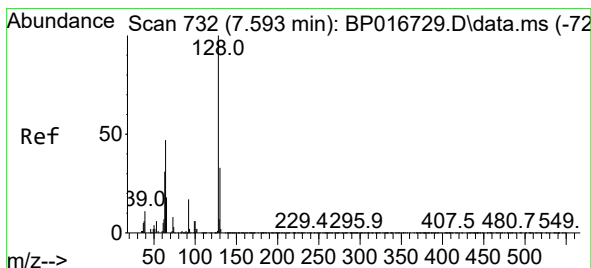
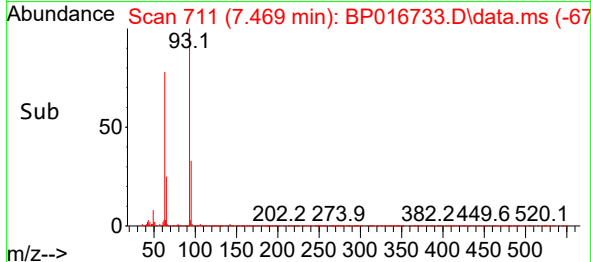
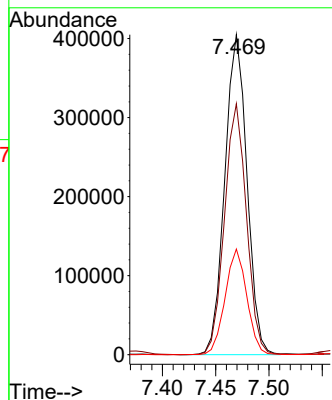
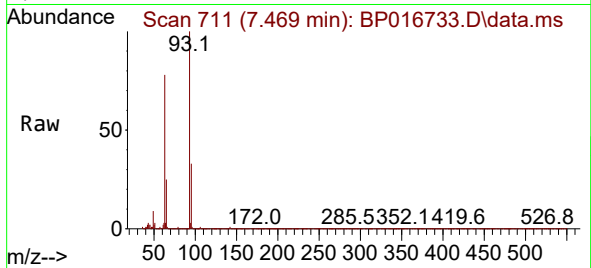




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.133 ng/ul
 RT: 7.469 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: BP016733.D
 Acq: 24 Aug 2023 18:29

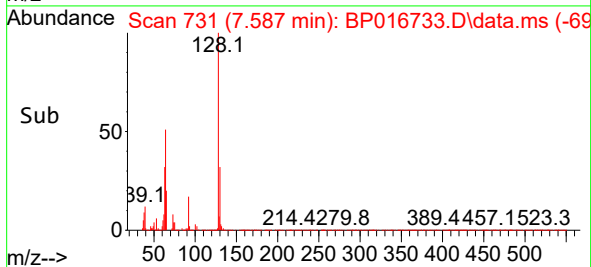
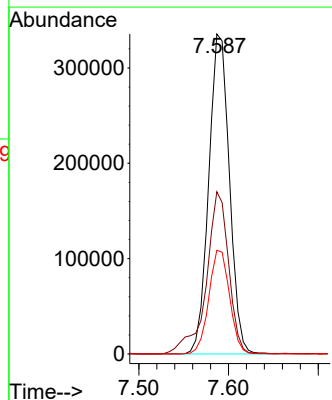
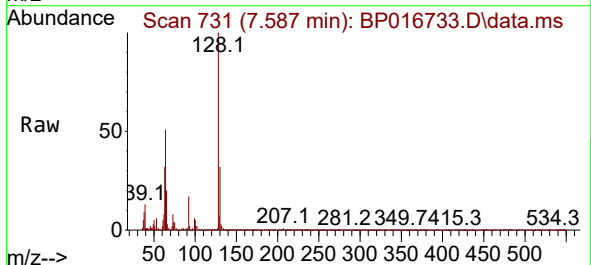
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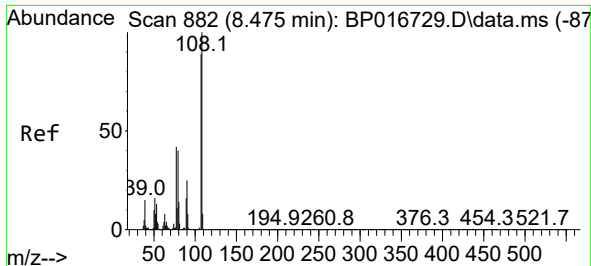
Tgt Ion: 93 Resp: 586168
 Ion Ratio Lower Upper
 93 100
 63 78.4 62.9 94.3
 95 33.0 26.3 39.5



#12
 2-Chlorophenol
 Concen: 20.263 ng/ul
 RT: 7.587 min Scan# 731
 Delta R.T. -0.006 min
 Lab File: BP016733.D
 Acq: 24 Aug 2023 18:29

Tgt Ion:128 Resp: 536707
 Ion Ratio Lower Upper
 128 100
 64 50.7 40.0 60.0
 130 32.4 26.4 39.6





#13

2-Methylphenol

Concen: 19.628 ng/ul

RT: 8.475 min Scan# 882

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

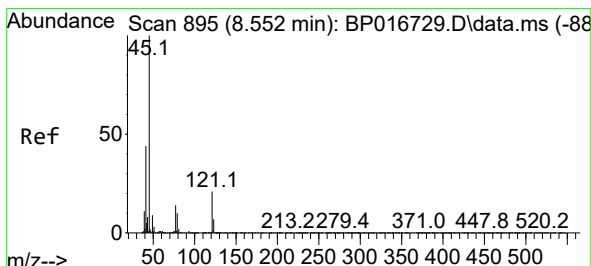
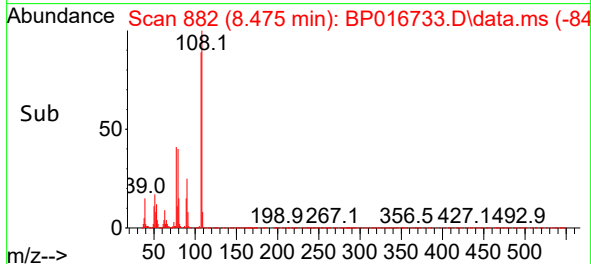
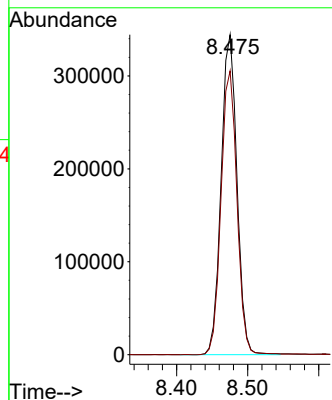
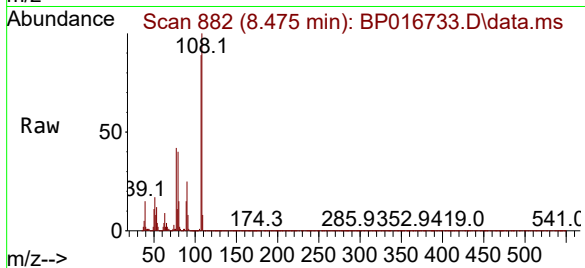
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Tgt Ion:108 Resp: 531053

Ion Ratio Lower Upper

108 100

107 88.7 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.315 ng/ul

RT: 8.552 min Scan# 895

Delta R.T. -0.000 min

Lab File: BP016733.D

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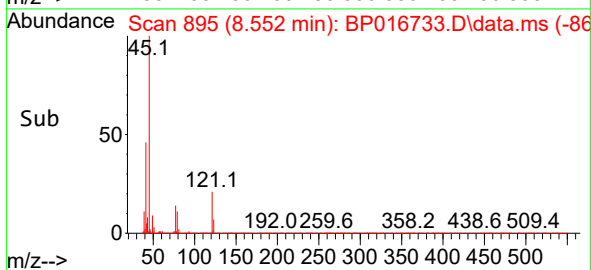
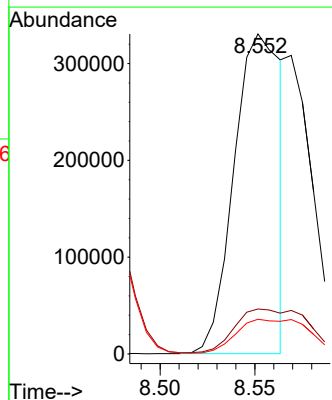
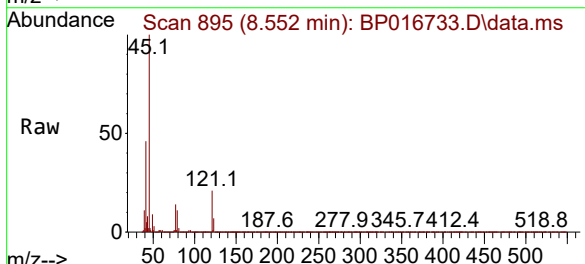
Tgt Ion: 45 Resp: 565463

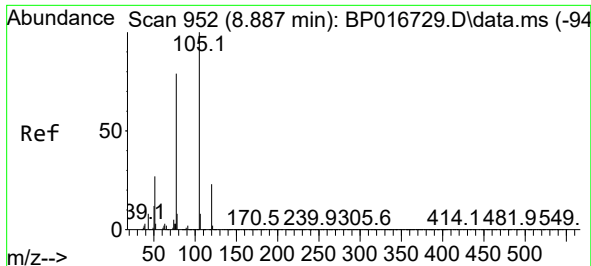
Ion Ratio Lower Upper

45 100

77 14.0 11.1 16.7

79 10.8 8.2 12.4

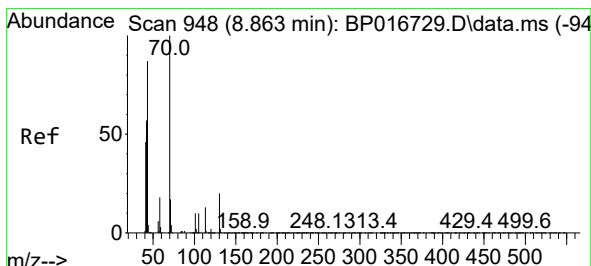
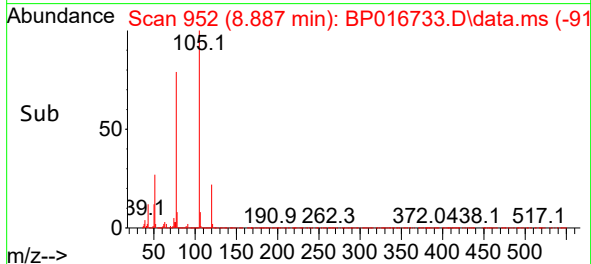
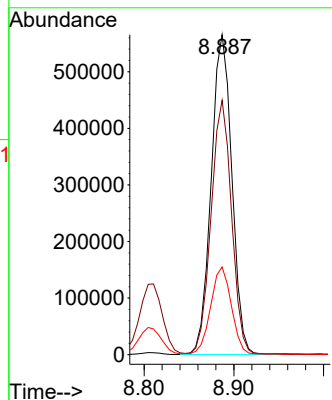
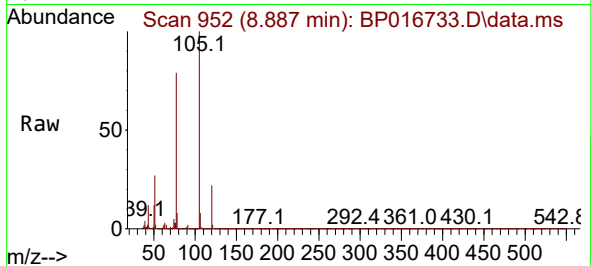




#16
Acetophenone
Concen: 20.694 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. -0.000 min
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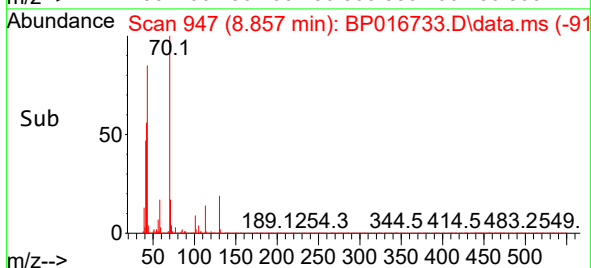
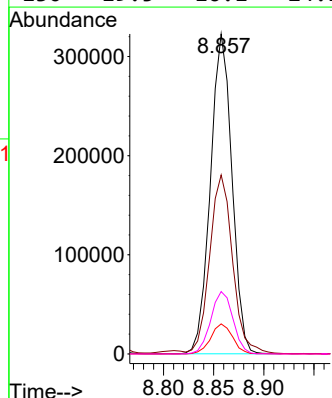
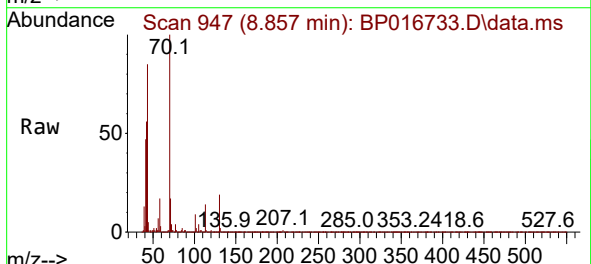
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ClientSampleId :
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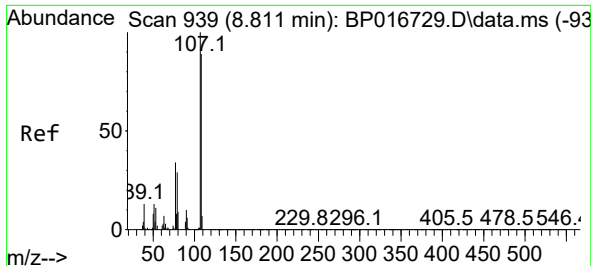
Tgt Ion:105 Resp: 902813
Ion Ratio Lower Upper
105 100
77 79.5 64.2 96.4
51 27.4 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.958 ng/ul
RT: 8.857 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion: 70 Resp: 481841
Ion Ratio Lower Upper
70 100
42 56.0 46.0 69.0
101 9.4 7.6 11.4
130 19.5 16.1 24.1

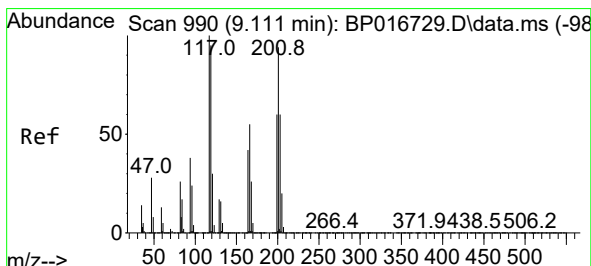
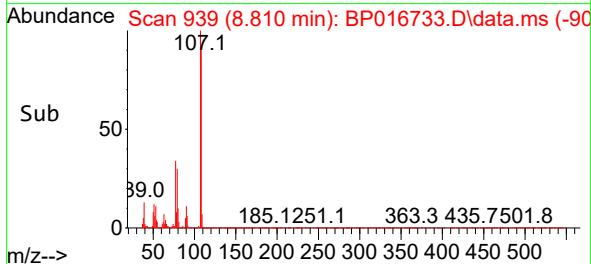
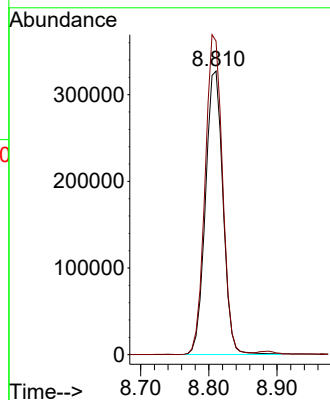
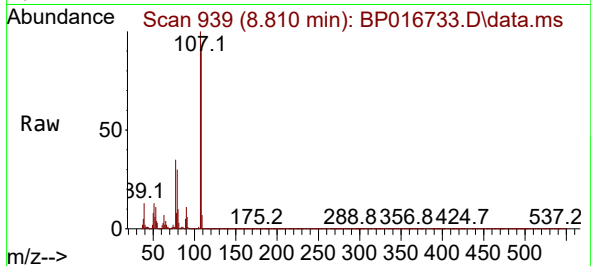




#18
4-Methylphenol
Concen: 19.872 ng/ul
RT: 8.810 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

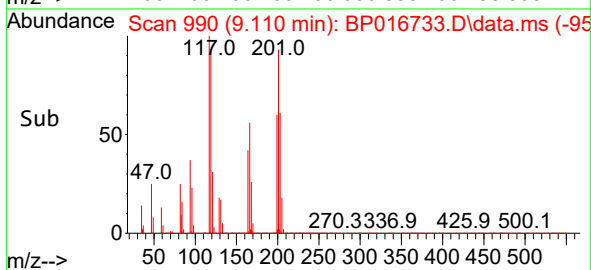
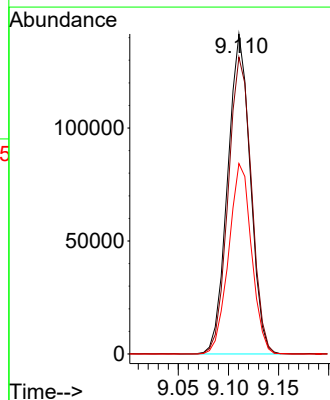
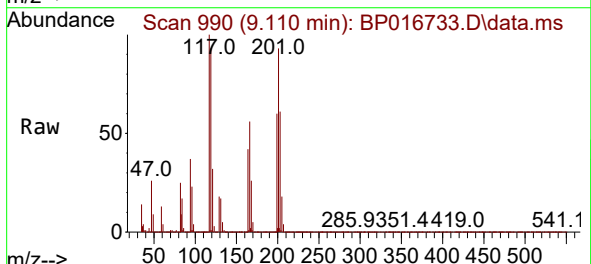
Instrument :
BNA_P
ClientSampleId :
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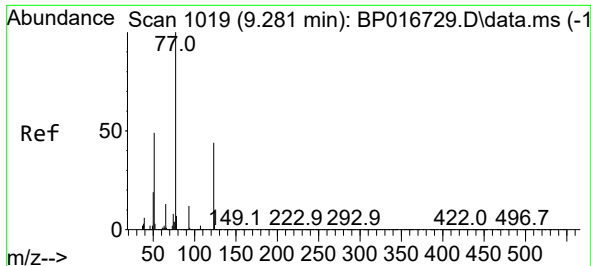
Tgt Ion:108 Resp: 585467
Ion Ratio Lower Upper
108 100
107 110.6 89.8 134.6



#19
Hexachloroethane
Concen: 20.248 ng/ul
RT: 9.110 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:117 Resp: 223146
Ion Ratio Lower Upper
117 100
201 92.8 75.4 113.2
199 59.5 47.8 71.6

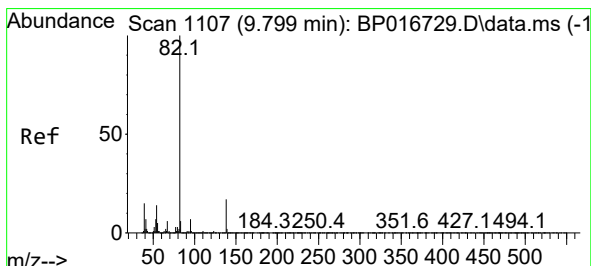
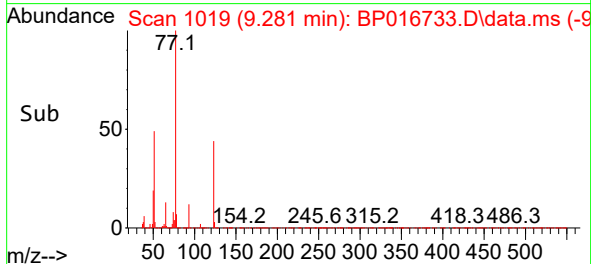
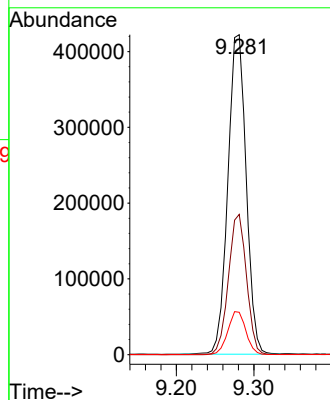
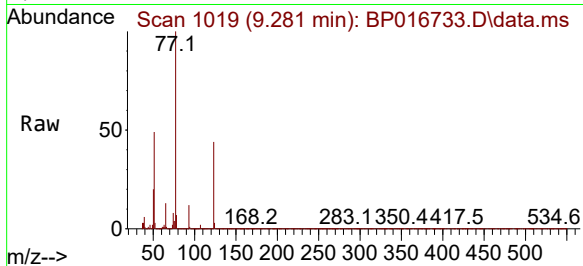




#22
Nitrobenzene
Concen: 20.442 ng/ul
RT: 9.281 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

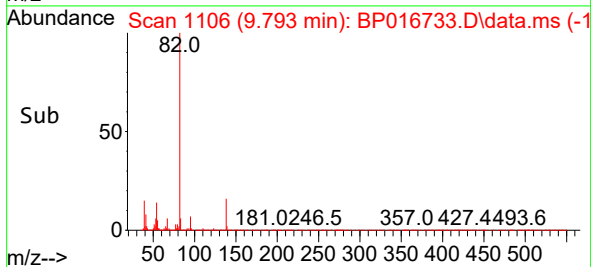
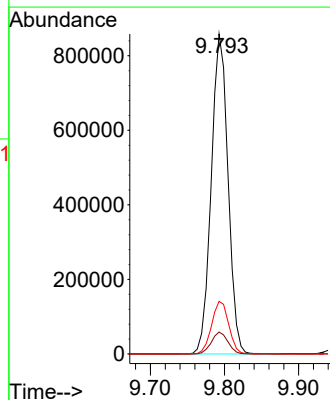
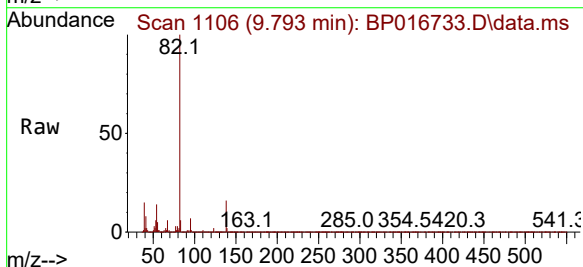
Instrument :
BNA_P
ClientSampleId :
SICV637

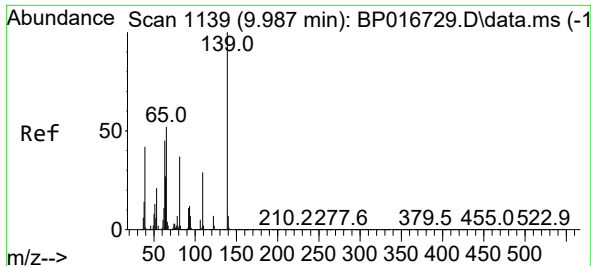
Tgt Ion: 77 Resp: 694013
Ion Ratio Lower Upper
77 100
123 43.9 34.9 52.3
65 13.3 10.6 15.8



#23
Isophorone
Concen: 20.400 ng/ul
RT: 9.793 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion: 82 Resp: 1345161
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 16.5 13.5 20.3

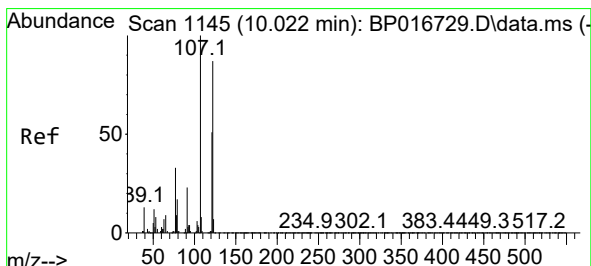
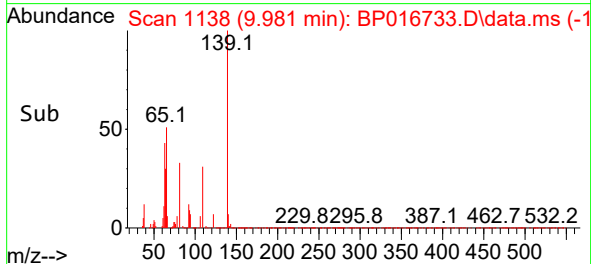
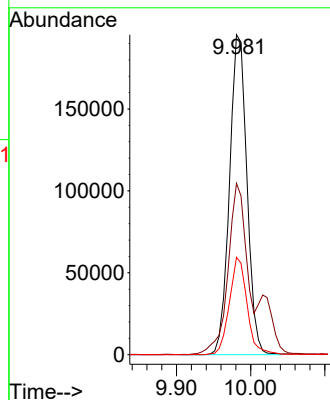
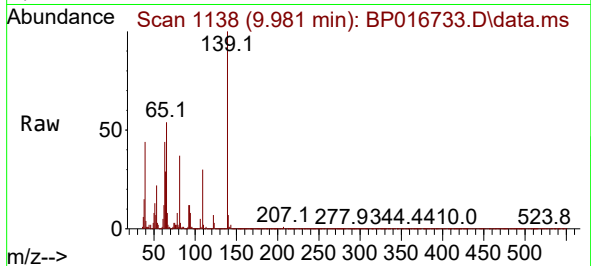




#25
2-Nitrophenol
Concen: 20.684 ng/ul
RT: 9.981 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

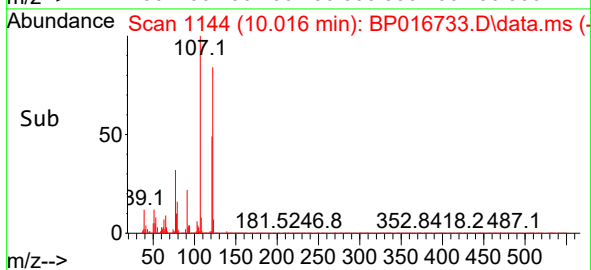
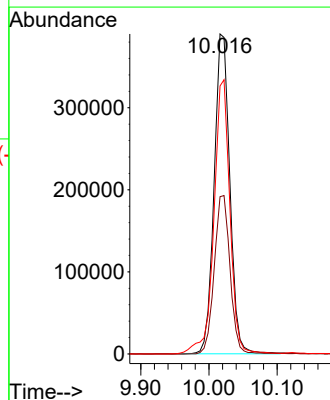
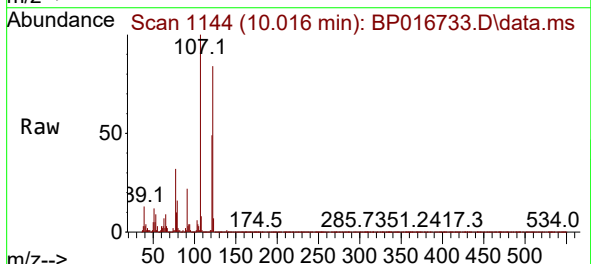
Instrument :
BNA_P
ClientSampleId :
SICV637

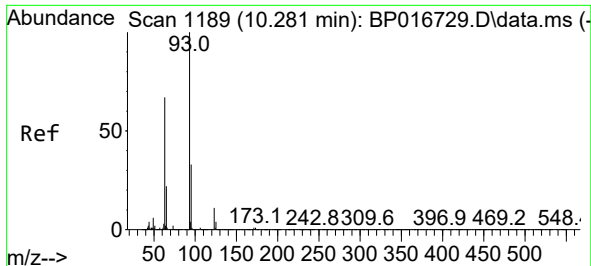
Tgt Ion:139 Resp: 319036
Ion Ratio Lower Upper
139 100
65 53.5 42.0 63.0
109 30.5 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 20.143 ng/ul
RT: 10.016 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:107 Resp: 624461
Ion Ratio Lower Upper
107 100
121 49.1 40.7 61.1
122 83.8 69.7 104.5

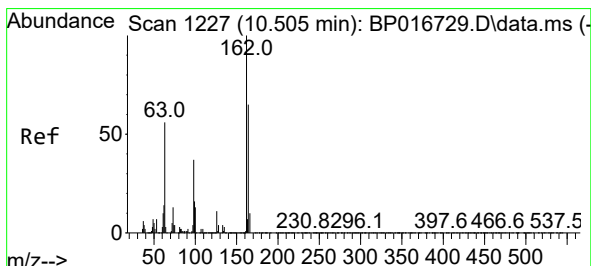
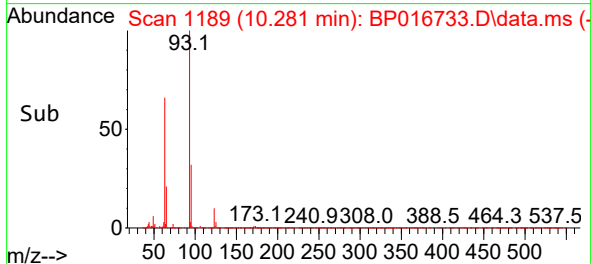
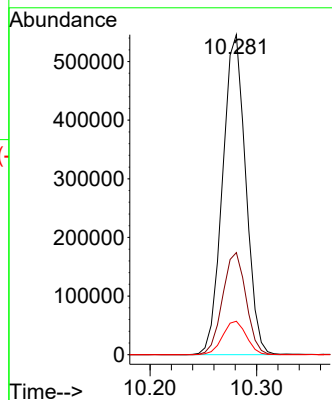
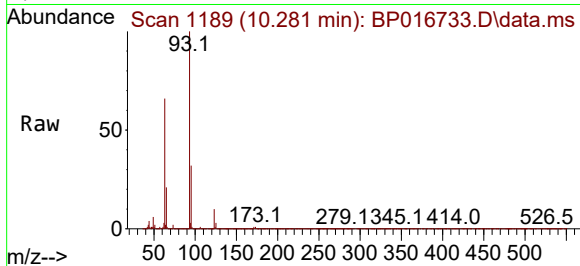




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.218 ng/ul
 RT: 10.281 min Scan# 1189
 Delta R.T. -0.000 min
 Lab File: BP016733.D
 Acq: 24 Aug 2023 18:29

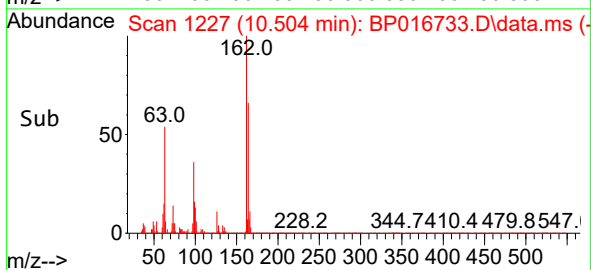
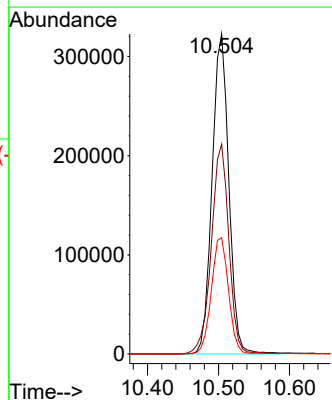
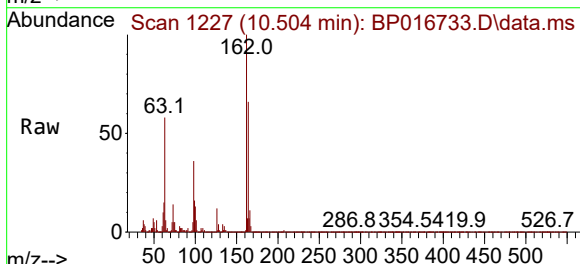
Instrument :
 BNA_P
 ClientSampleId :
 SICV637

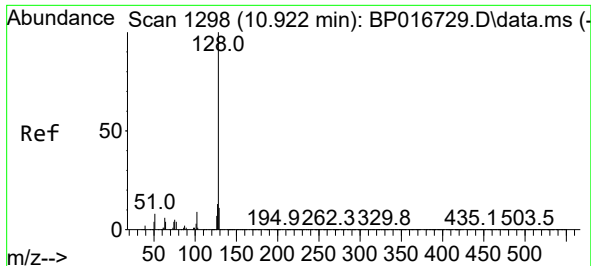
Tgt Ion: 93 Resp: 822466
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.3 39.5
 123 10.5 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 20.177 ng/ul
 RT: 10.504 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: BP016733.D
 Acq: 24 Aug 2023 18:29

Tgt Ion: 162 Resp: 527071
 Ion Ratio Lower Upper
 162 100
 164 65.5 52.2 78.2
 98 36.3 29.3 43.9

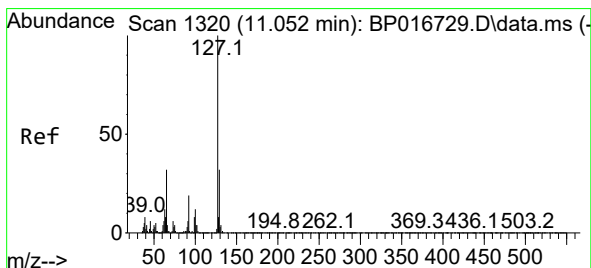
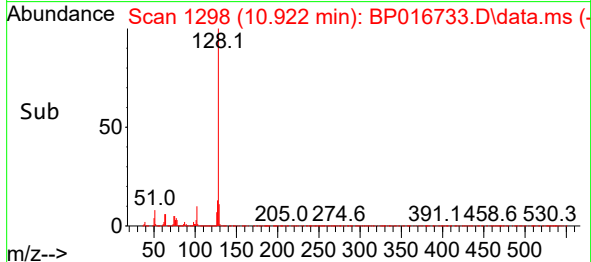
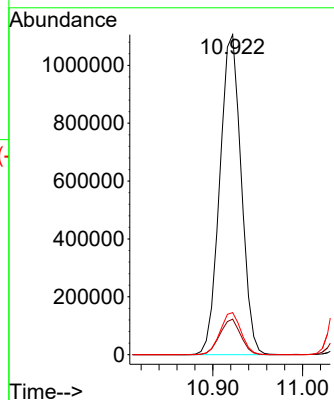
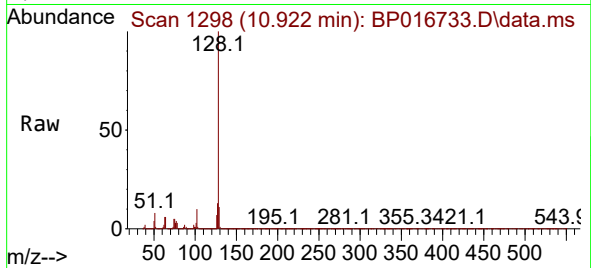




#30
Naphthalene
Concen: 20.198 ng/ul
RT: 10.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

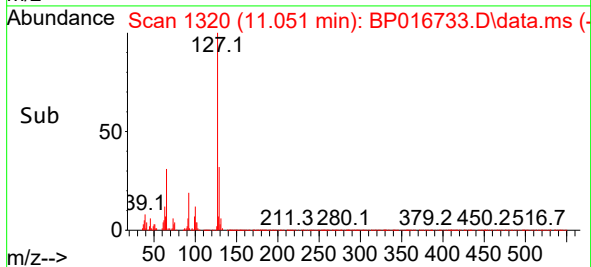
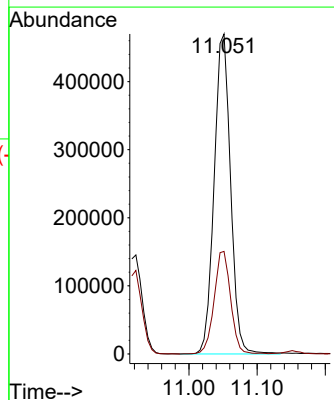
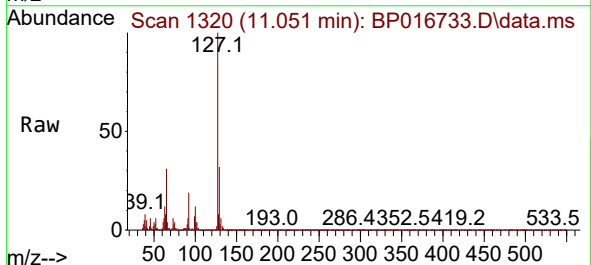
Instrument :
BNA_P
ClientSampleId :
SICV637

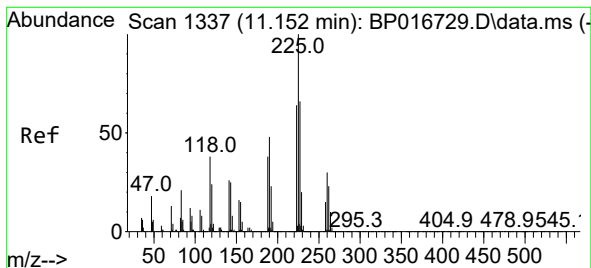
Tgt Ion:128 Resp: 1831301
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.3 15.5



#32
4-Chloroaniline
Concen: 20.077 ng/ul
RT: 11.051 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:127 Resp: 786879
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9





#33

Hexachlorobutadiene

Concen: 19.740 ng/ul

RT: 11.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

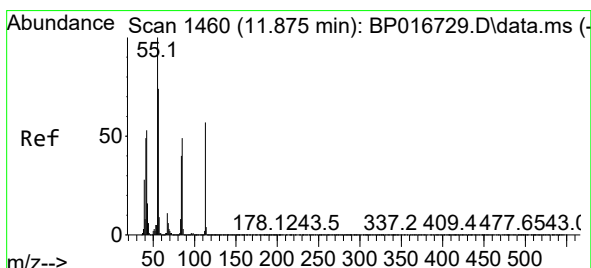
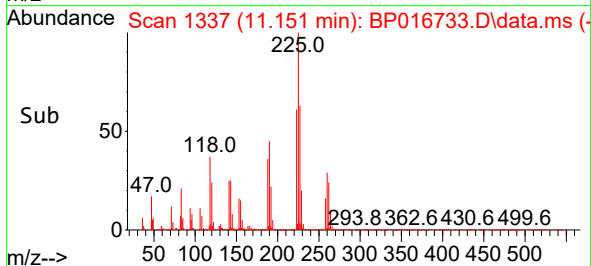
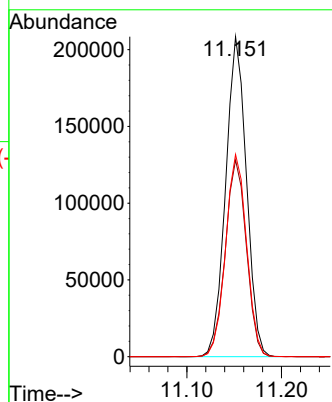
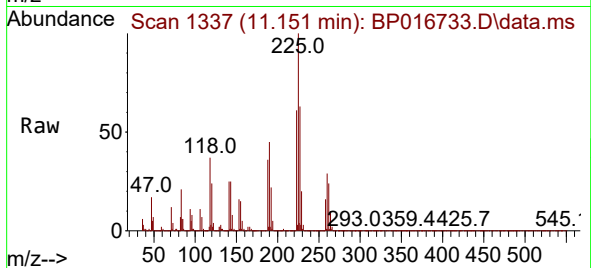
Tgt Ion:225 Resp: 317647

Ion Ratio Lower Upper

225 100

223 61.4 51.0 76.4

227 63.2 52.5 78.7



#34

Caprolactam

Concen: 19.688 ng/ul

RT: 11.869 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

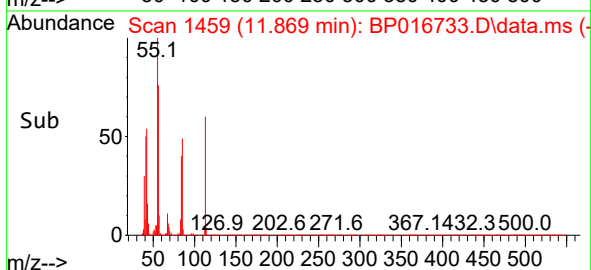
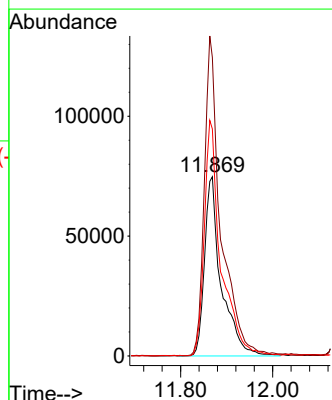
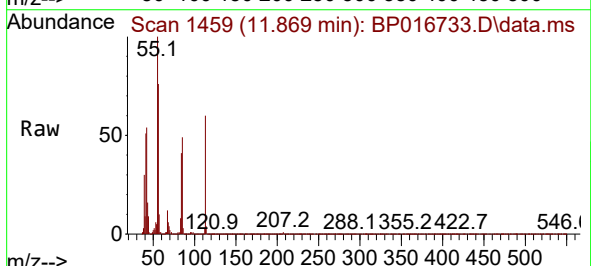
Tgt Ion:113 Resp: 189669

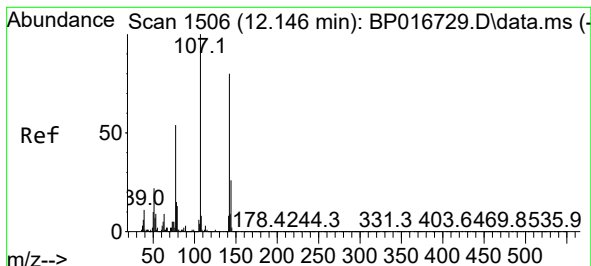
Ion Ratio Lower Upper

113 100

55 166.6 140.6 210.8

56 126.7 104.5 156.7

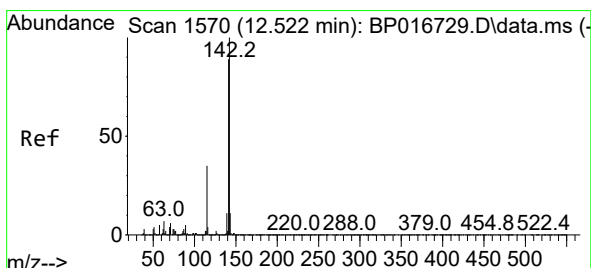
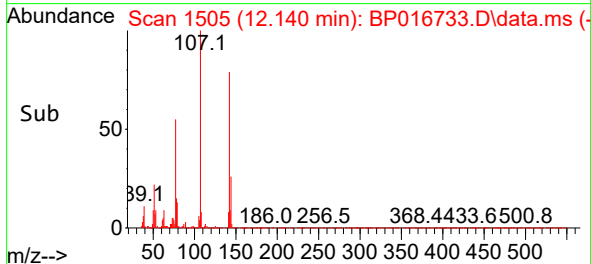
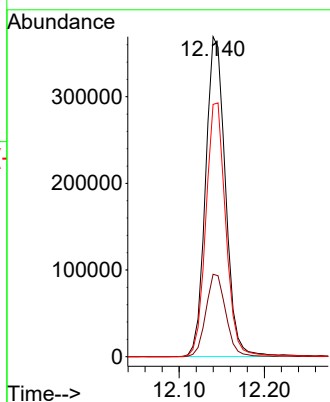
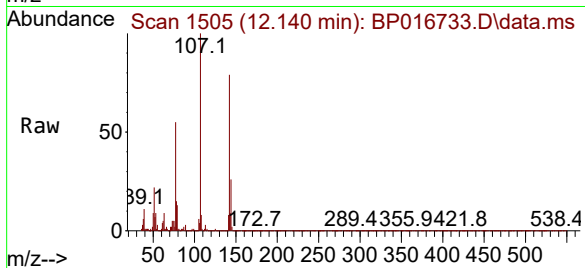




#35
4-Chloro-3-methylphenol
Concen: 20.401 ng/ul
RT: 12.140 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

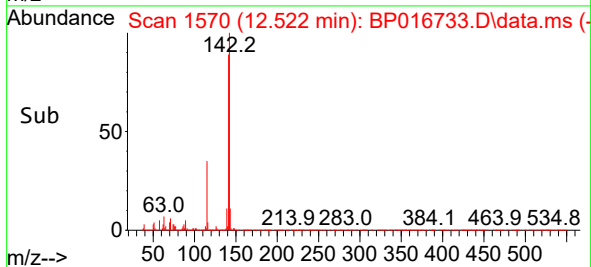
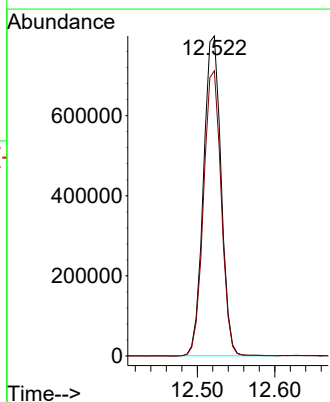
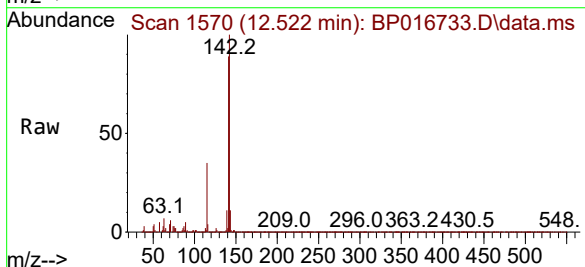
Instrument :
BNA_P
ClientSampleId :
SICV637

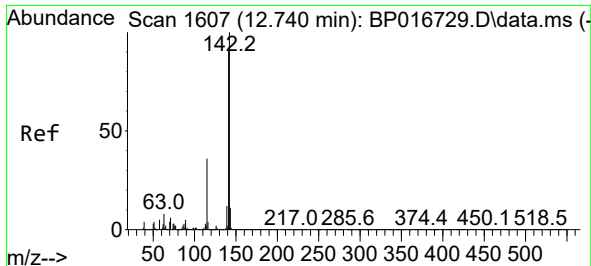
Tgt Ion:107 Resp: 597616
Ion Ratio Lower Upper
107 100
144 25.8 20.6 31.0
142 78.9 63.7 95.5



#36
2-Methylnaphthalene
Concen: 20.147 ng/ul
RT: 12.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:142 Resp: 1260816
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0

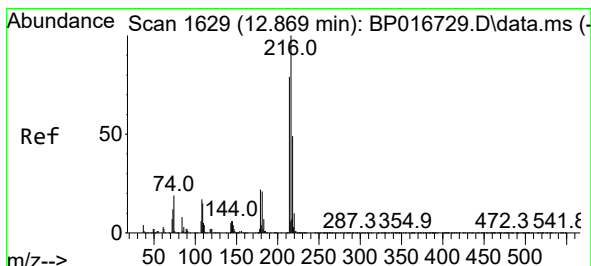
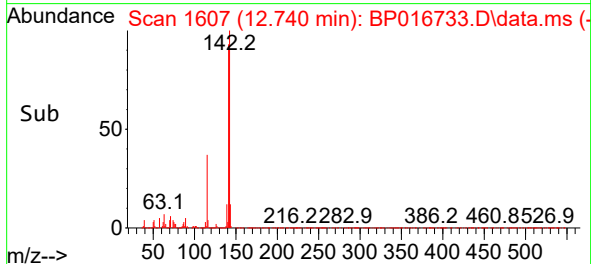
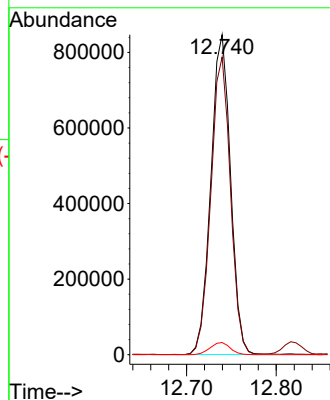
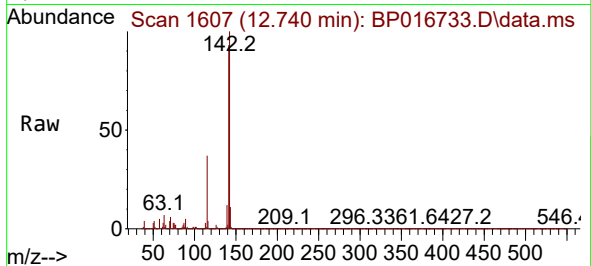




#37
1-Methylnaphthalene
Concen: 20.427 ng/ul
RT: 12.740 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

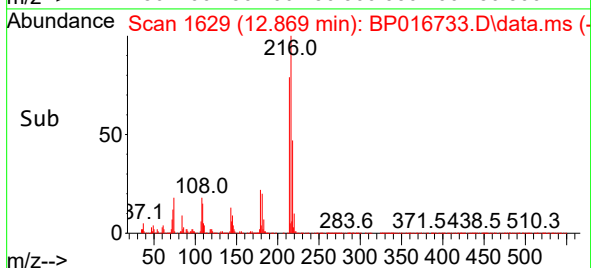
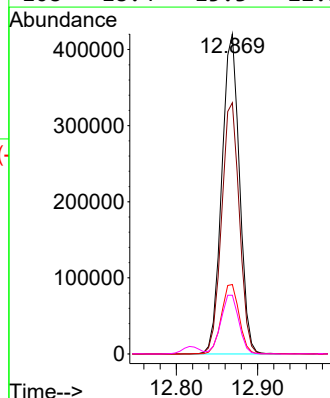
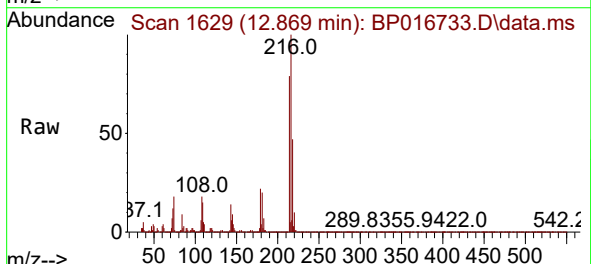
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BNA_P
ClientSampleId :
SICV637

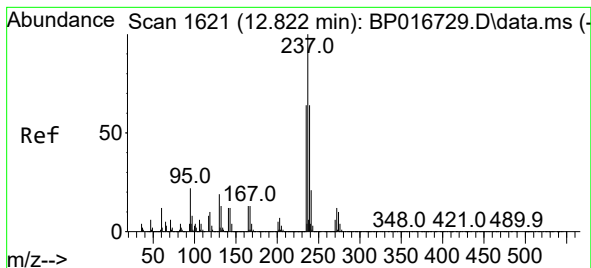
Tgt Ion:142 Resp: 1289090
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.4
116 3.8 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.969 ng/ul
RT: 12.869 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:216 Resp: 635999
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.2
179 21.7 17.4 26.2
108 18.4 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 16.048 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

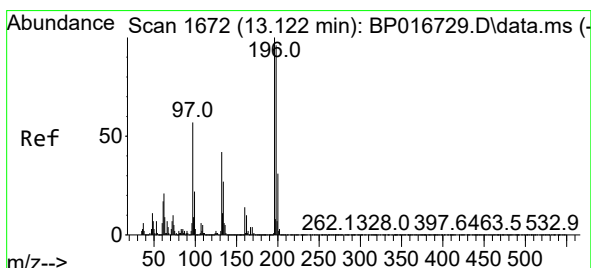
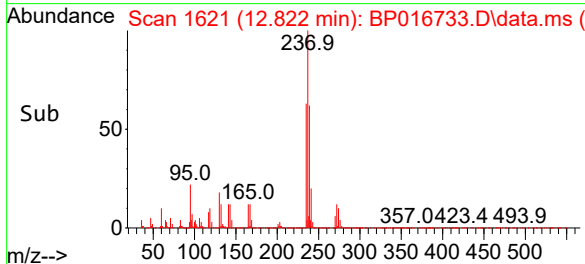
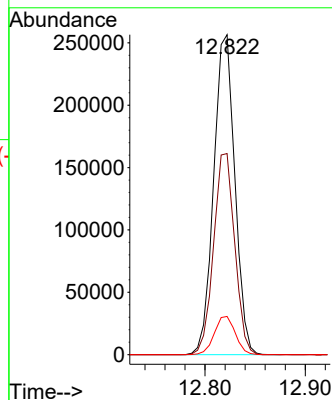
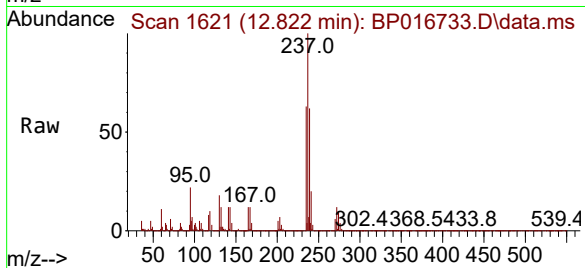
Tgt Ion:237 Resp: 375873

Ion Ratio Lower Upper

237 100

235 62.8 51.3 76.9

272 11.9 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 20.146 ng/ul

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

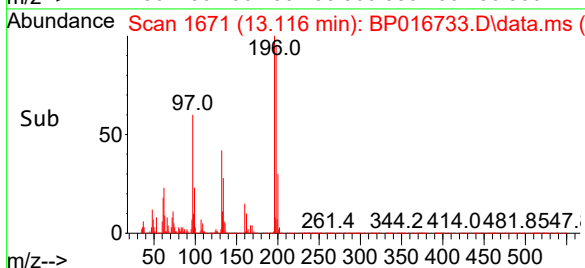
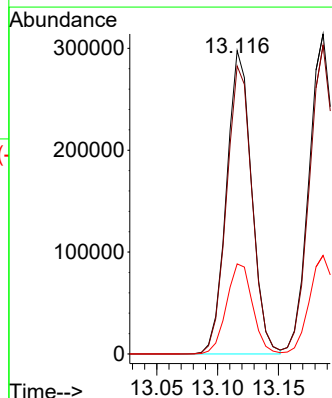
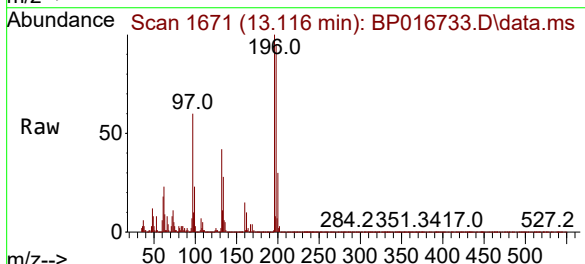
Tgt Ion:196 Resp: 428467

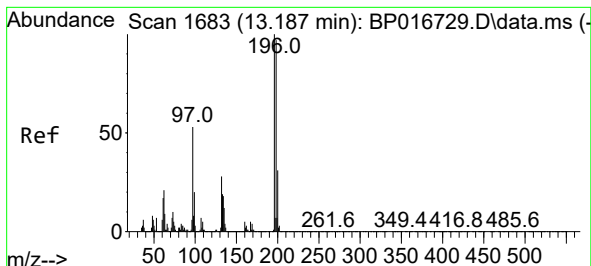
Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

200 29.7 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 20.129 ng/ul

RT: 13.187 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

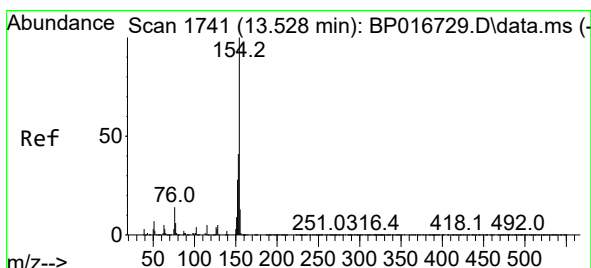
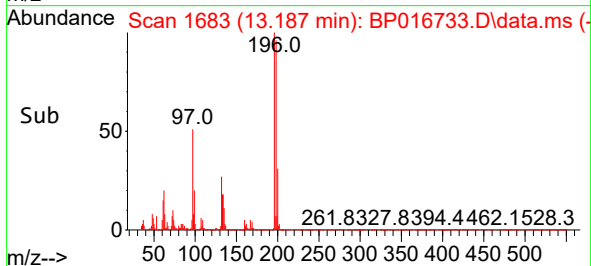
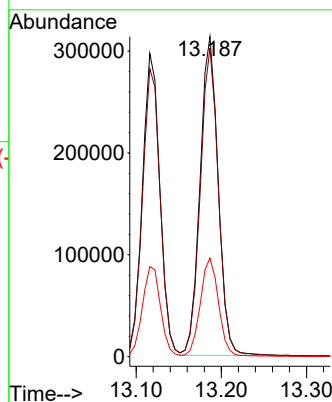
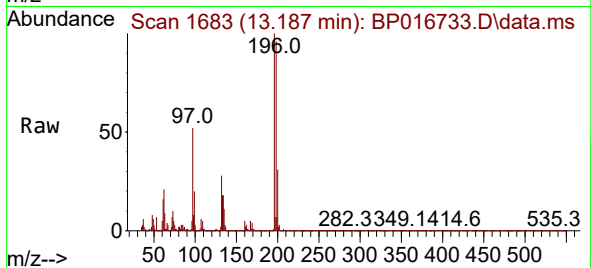
Tgt Ion:196 Resp: 463243

Ion Ratio Lower Upper

196 100

198 96.5 77.8 116.8

200 30.8 24.8 37.2



#43

1,1'-Biphenyl

Concen: 20.222 ng/ul

RT: 13.522 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

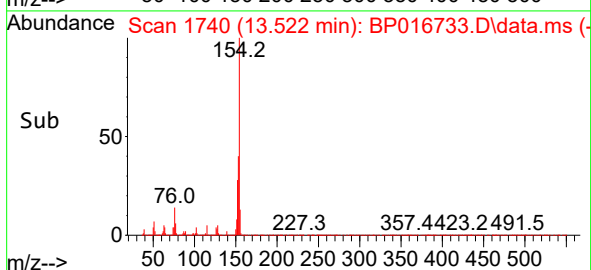
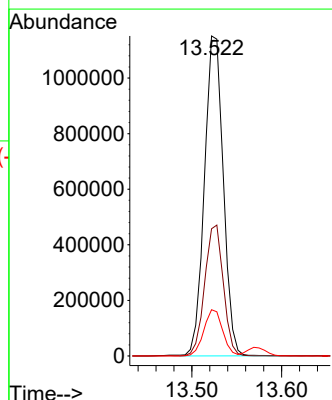
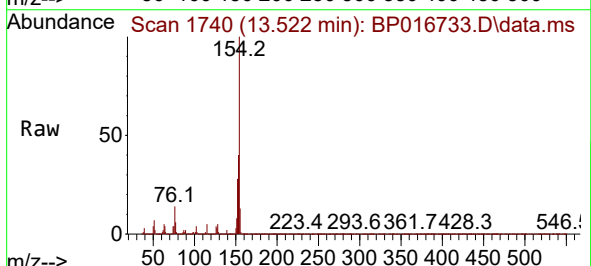
Tgt Ion:154 Resp: 1680100

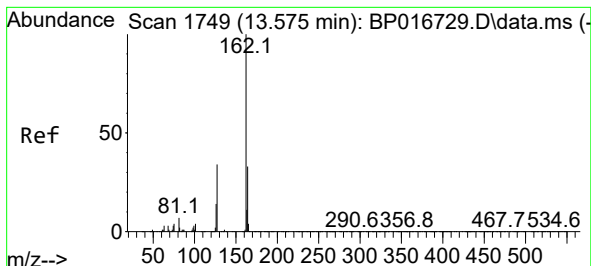
Ion Ratio Lower Upper

154 100

153 39.8 32.7 49.1

76 14.4 11.3 16.9

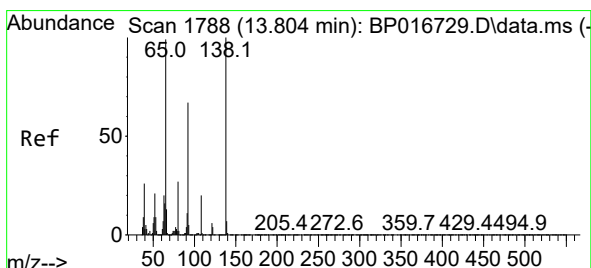
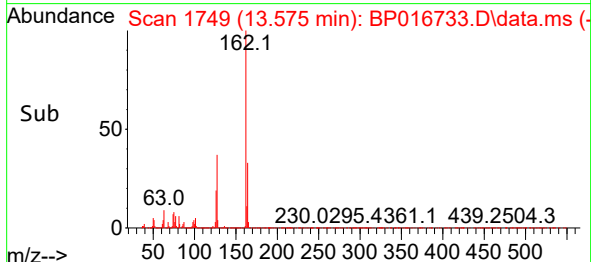
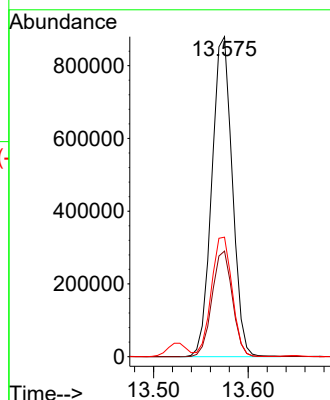
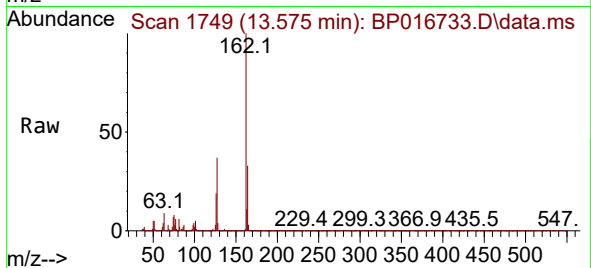




#44
2-Chloronaphthalene
Concen: 20.200 ng/ul
RT: 13.575 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

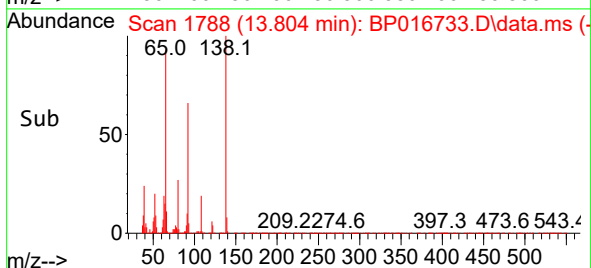
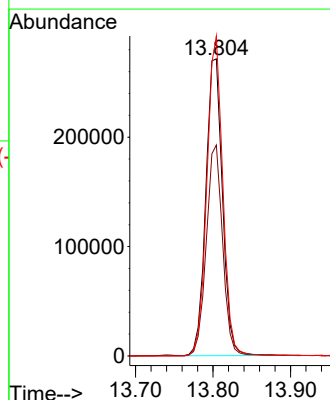
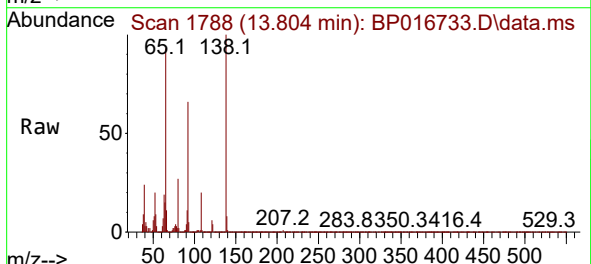
Instrument :
BNA_P
ClientSampleId :
SICV637

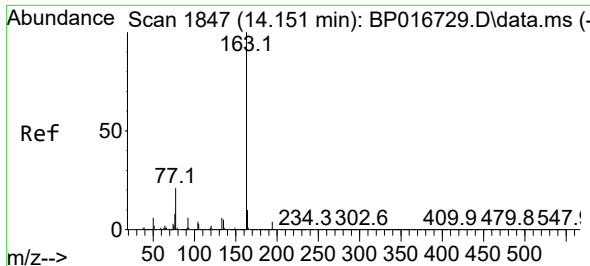
Tgt Ion:162 Resp: 1324887
Ion Ratio Lower Upper
162 100
164 33.0 26.1 39.1
127 37.4 30.8 46.2



#45
2-Nitroaniline
Concen: 20.426 ng/ul
RT: 13.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion: 65 Resp: 406277
Ion Ratio Lower Upper
65 100
92 71.0 53.8 80.8
138 107.7 80.7 121.1

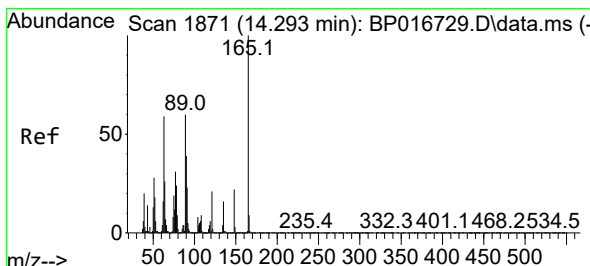
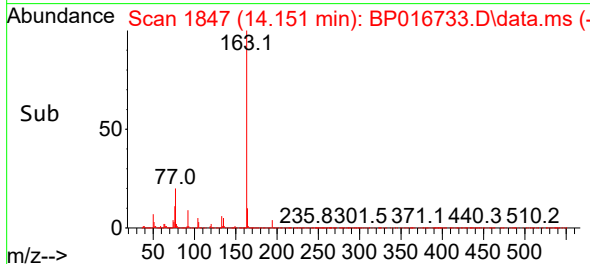
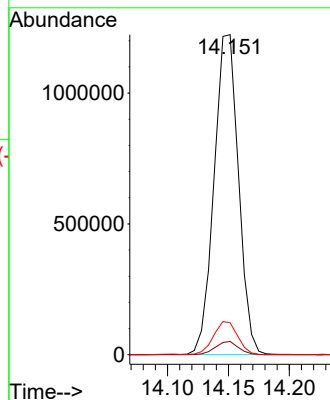
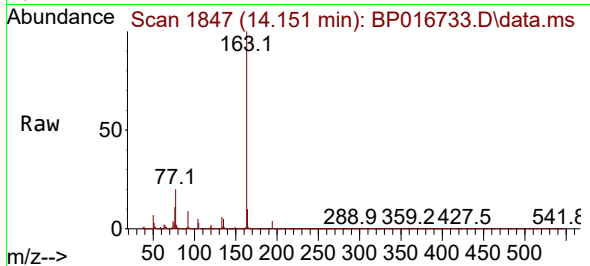




#47
Dimethylphthalate
Concen: 19.986 ng/ul
RT: 14.151 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

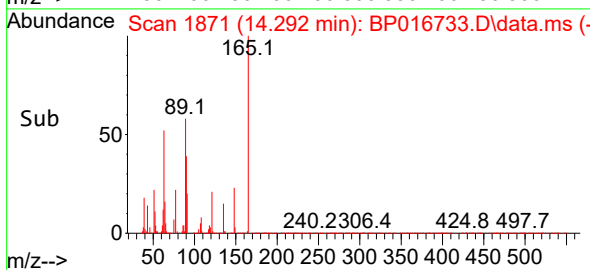
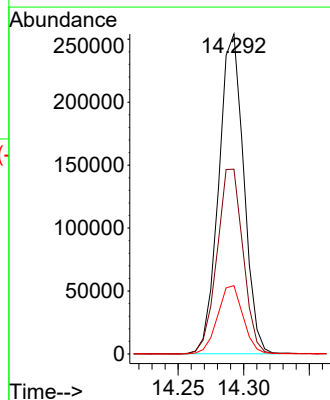
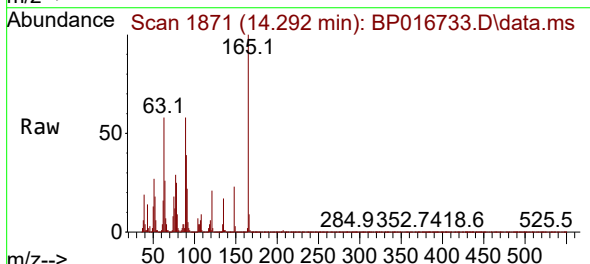
Instrument :
BNA_P
ClientSampleId :
SICV637

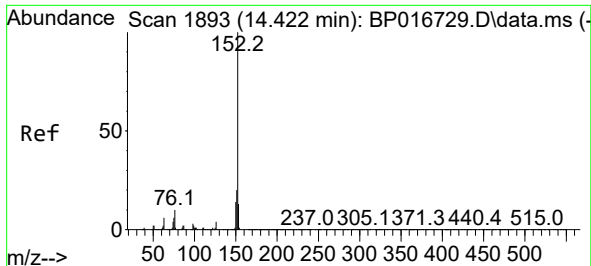
Tgt Ion:163 Resp: 1705696
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.170 ng/ul
RT: 14.292 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:165 Resp: 337315
Ion Ratio Lower Upper
165 100
89 57.8 48.0 72.0
121 21.4 16.9 25.3

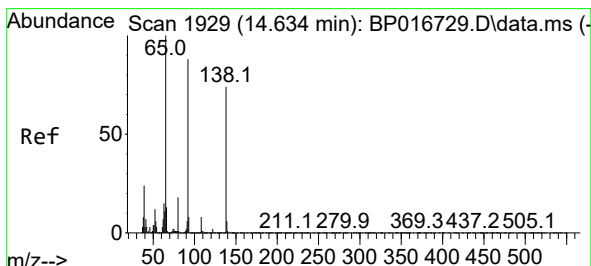
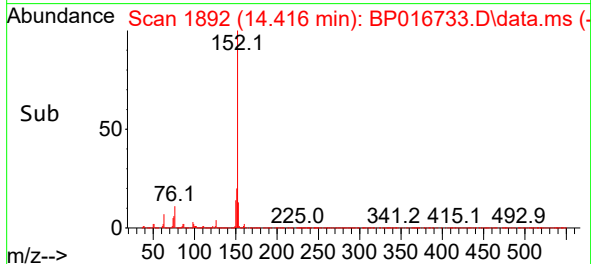
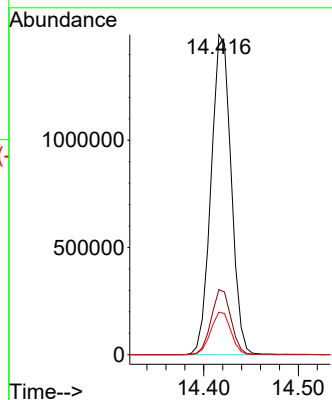
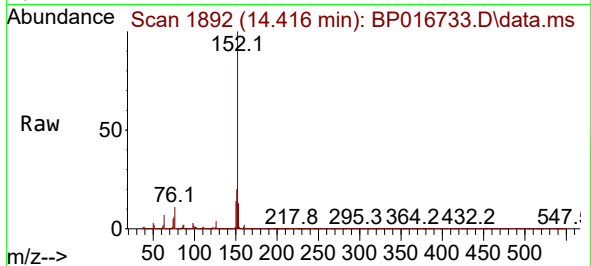




#50
Acenaphthylene
Concen: 20.203 ng/ul
RT: 14.416 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

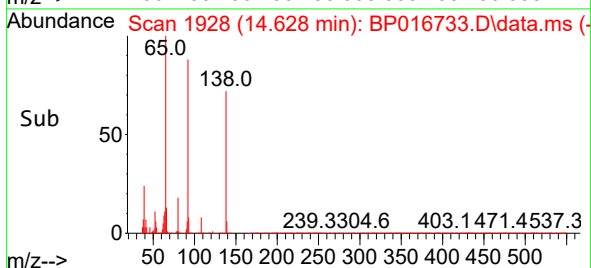
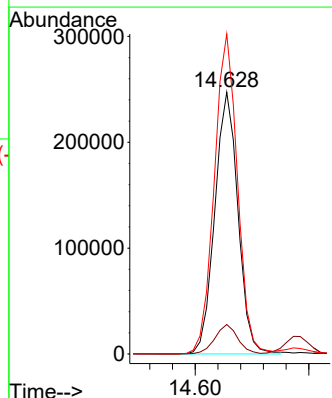
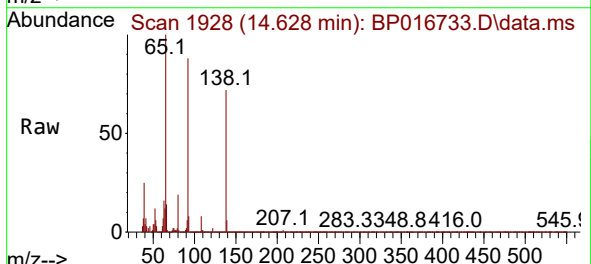
Instrument :
BNA_P
ClientSampleId :
SICV637

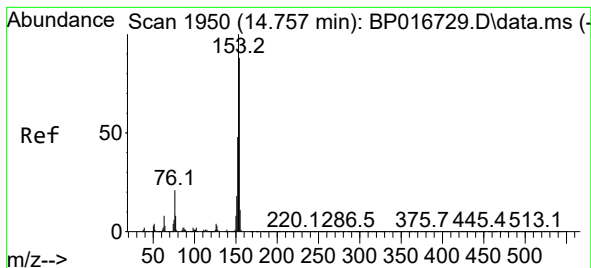
Tgt Ion:152 Resp: 2202888
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 20.145 ng/ul
RT: 14.628 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:138 Resp: 350803
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 122.3 95.4 143.0





#52

Acenaphthene

Concen: 20.118 ng/ul

RT: 14.751 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

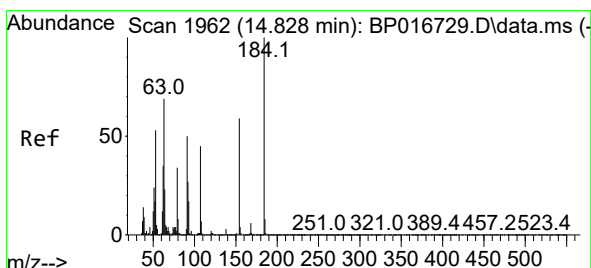
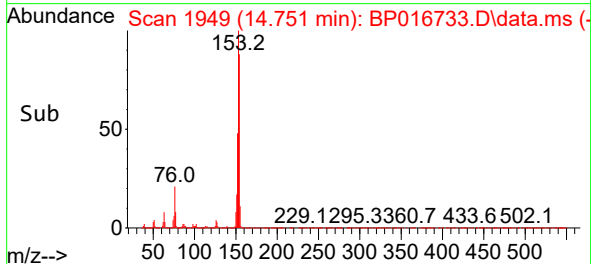
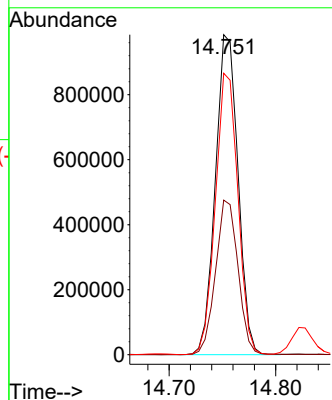
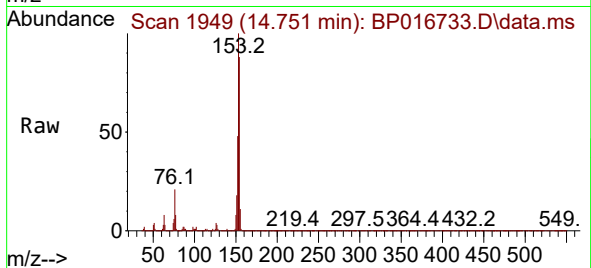
Tgt Ion:153 Resp: 1451197

Ion Ratio Lower Upper

153 100

152 48.3 38.5 57.7

154 87.9 70.6 105.8



#53

2,4-Dinitrophenol

Concen: 15.553 ng/ul

RT: 14.828 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

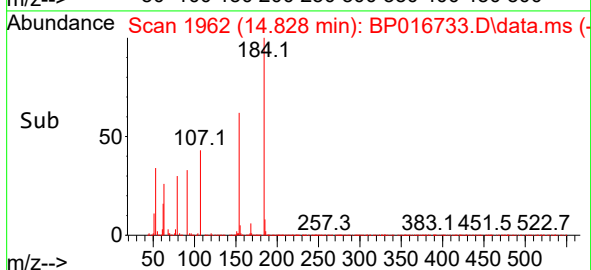
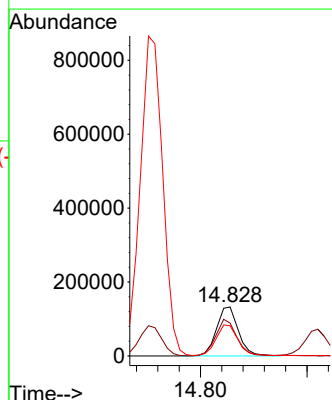
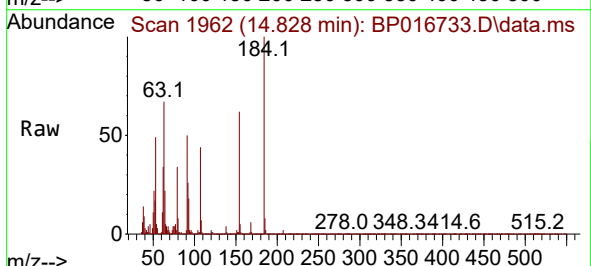
Tgt Ion:184 Resp: 189001

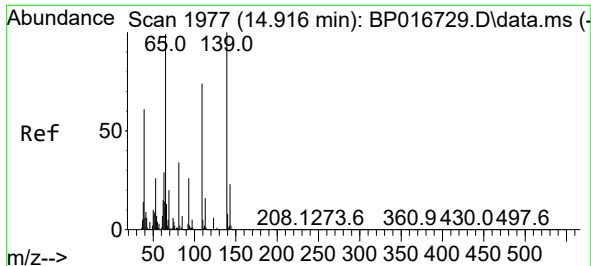
Ion Ratio Lower Upper

184 100

63 67.0 55.3 82.9

154 61.9 50.3 75.5

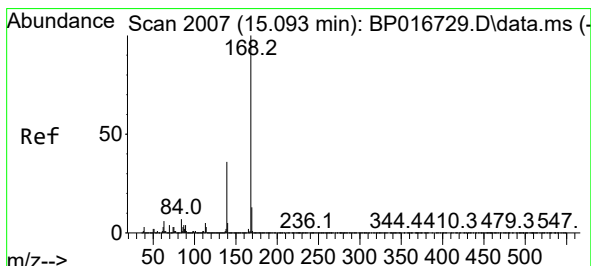
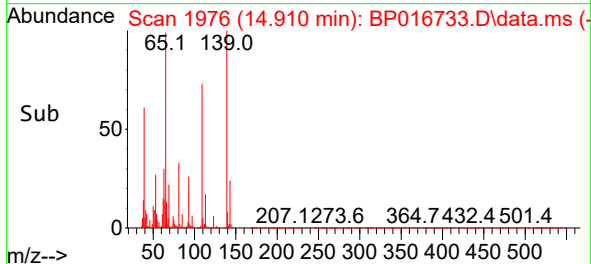
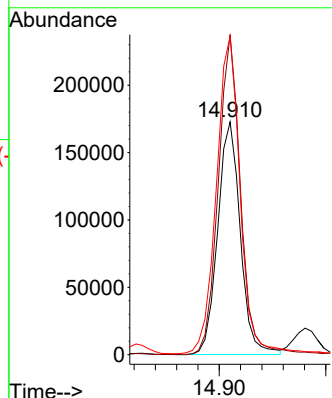
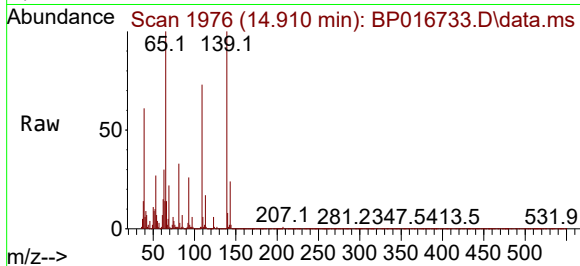




#55
4-Nitrophenol
Concen: 19.317 ng/ul
RT: 14.910 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

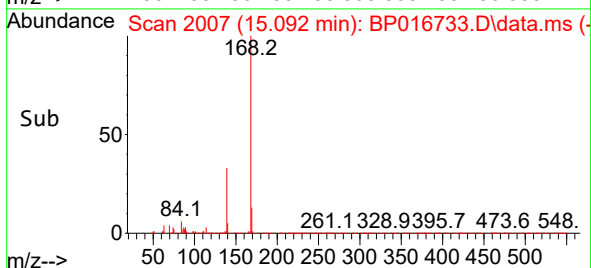
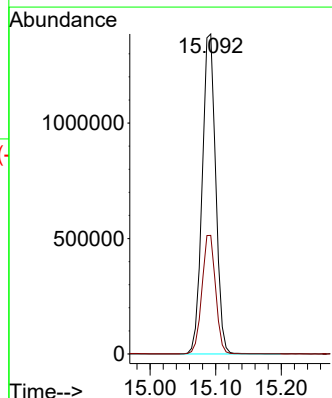
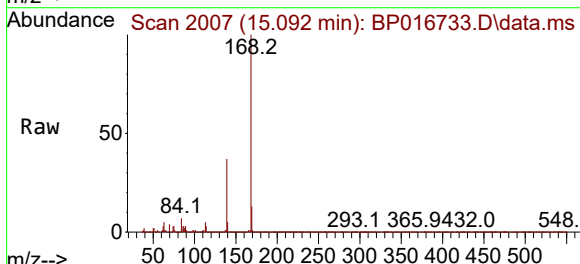
Instrument :
BNA_P
ClientSampleId :
SICV637

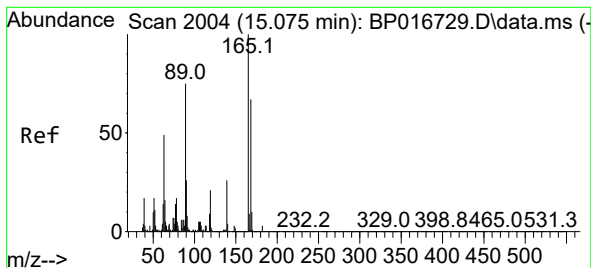
Tgt Ion:109 Resp: 254101
Ion Ratio Lower Upper
109 100
139 137.5 108.6 163.0
65 136.9 107.8 161.6



#56
Dibenzofuran
Concen: 20.054 ng/ul
RT: 15.092 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:168 Resp: 1984877
Ion Ratio Lower Upper
168 100
139 37.1 29.2 43.8





#57

2,4-Dinitrotoluene

Concen: 20.353 ng/ul

RT: 15.069 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

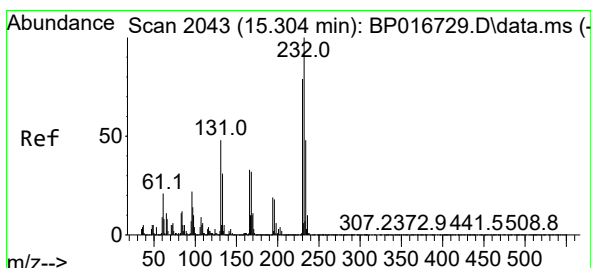
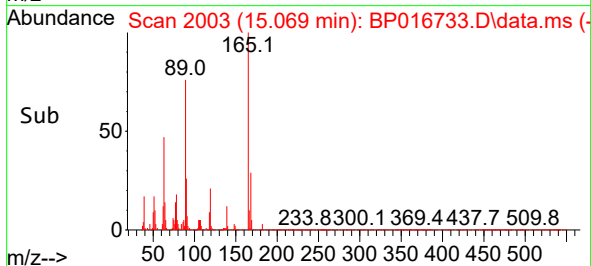
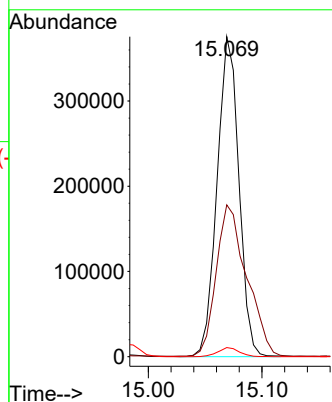
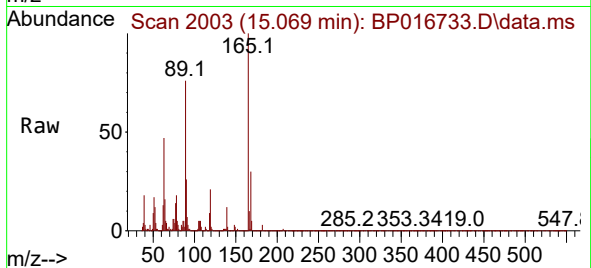
Tgt Ion:165 Resp: 501001

Ion Ratio Lower Upper

165 100

63 47.5 39.0 58.4

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.846 ng/ul

RT: 15.304 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Tgt Ion:232 Resp: 388842

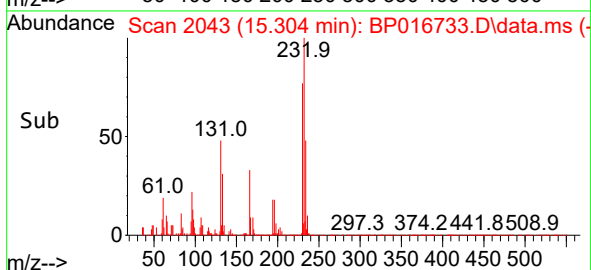
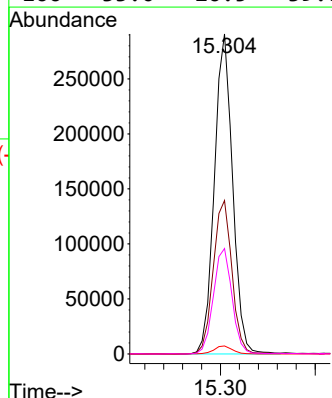
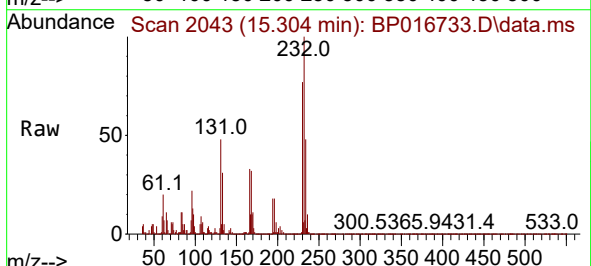
Ion Ratio Lower Upper

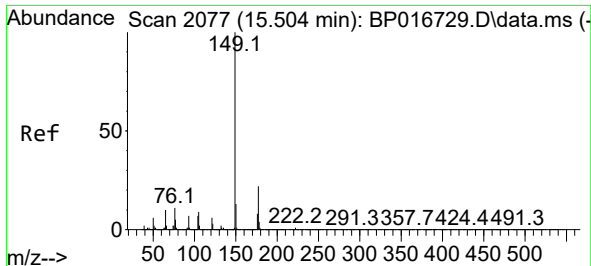
232 100

131 47.9 38.1 57.1

130 2.5 1.9 2.9

166 33.0 26.5 39.7

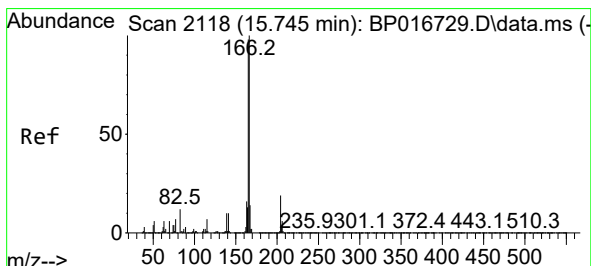
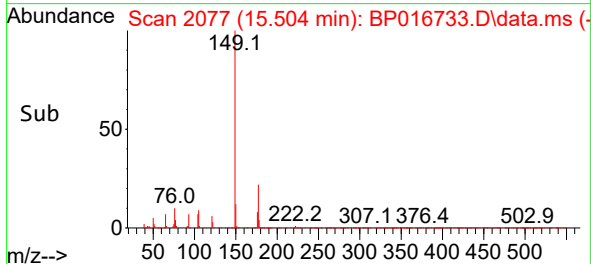
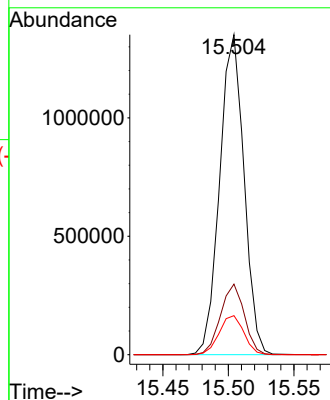
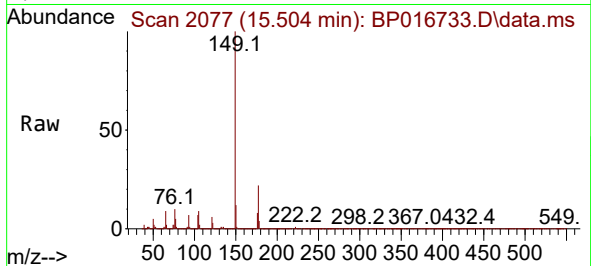




#59
Diethylphthalate
Concen: 20.093 ng/ul
RT: 15.504 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

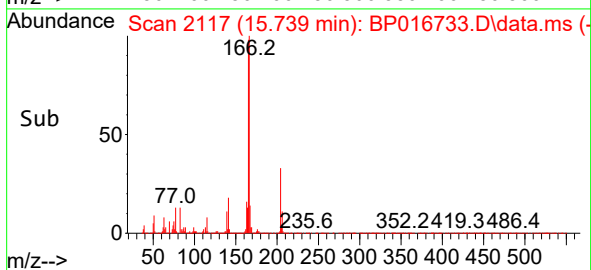
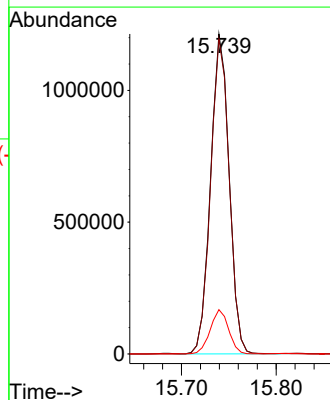
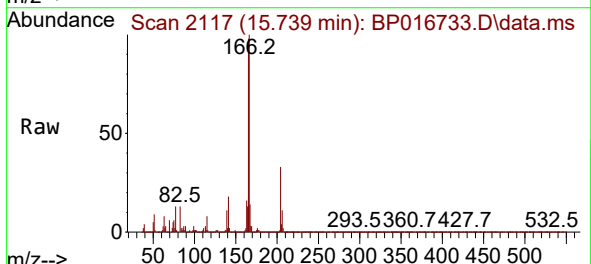
Instrument :
BNA_P
ClientSampleId :
SICV637

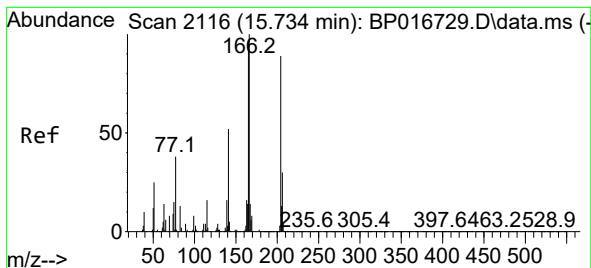
Tgt Ion:149 Resp: 1742128
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.2 10.2 15.2



#61
Fluorene
Concen: 19.941 ng/ul
RT: 15.739 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:166 Resp: 1650920
Ion Ratio Lower Upper
166 100
165 98.4 78.8 118.2
167 13.8 10.9 16.3

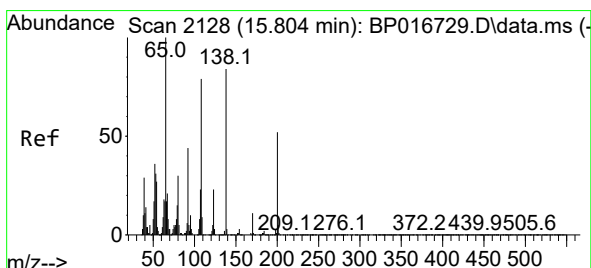
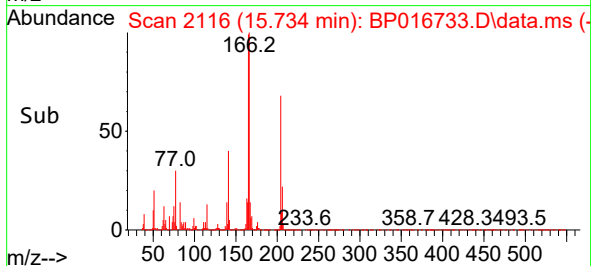
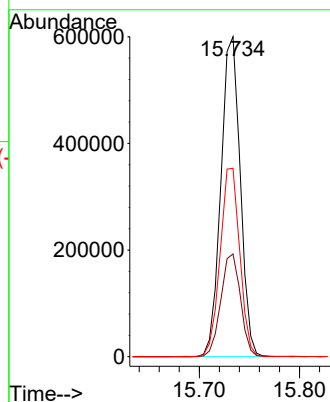
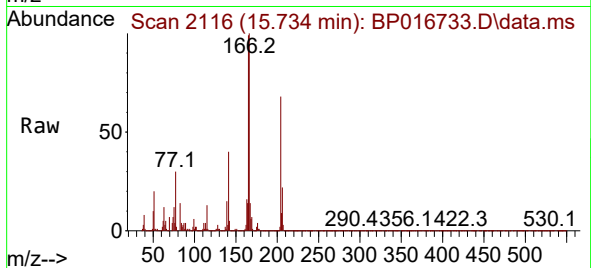




#62
4-Chlorophenyl-phenylether
Concen: 19.765 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

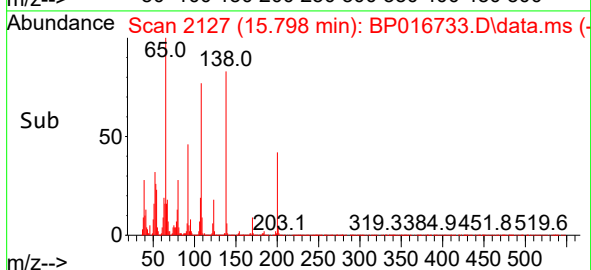
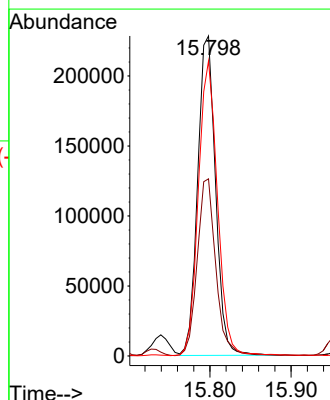
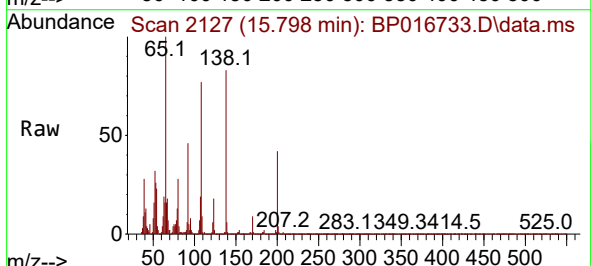
Instrument :
BNA_P
ClientSampleId :
SICV637

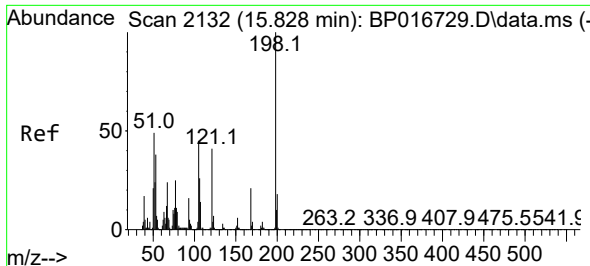
Tgt Ion:204 Resp: 803372
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 58.9 46.8 70.2



#63
4-Nitroaniline
Concen: 21.094 ng/ul
RT: 15.798 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:138 Resp: 349533
Ion Ratio Lower Upper
138 100
92 55.3 41.6 62.4
108 92.2 74.9 112.3

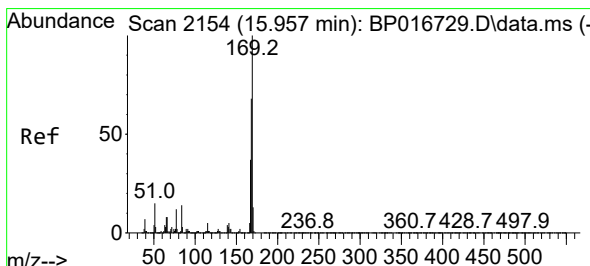
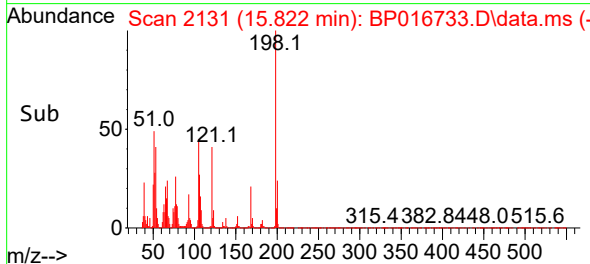
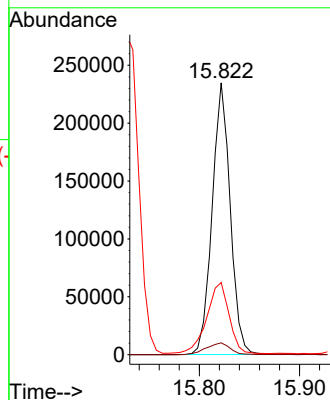
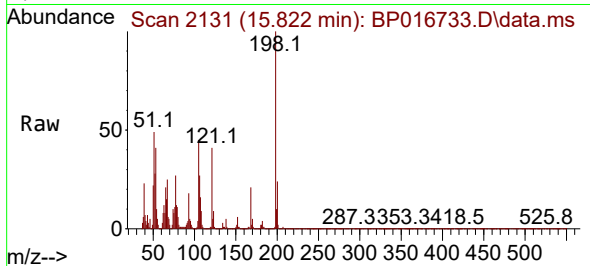




#66
4,6-Dinitro-2-methylphenol
Concen: 18.513 ng/ul
RT: 15.822 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

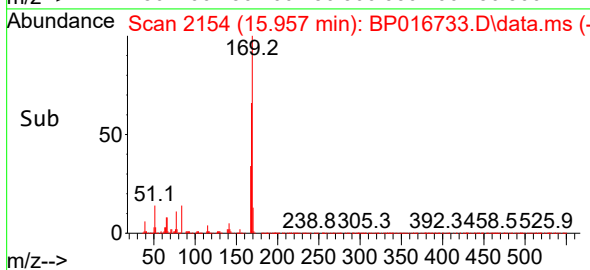
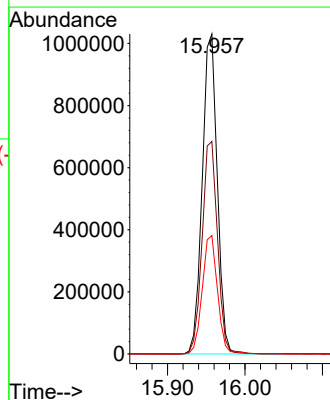
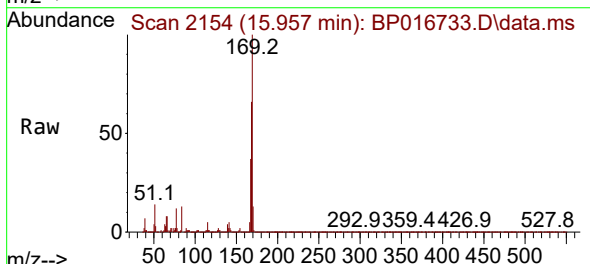
Instrument :
BNA_P
ClientSampleId :
SICV637

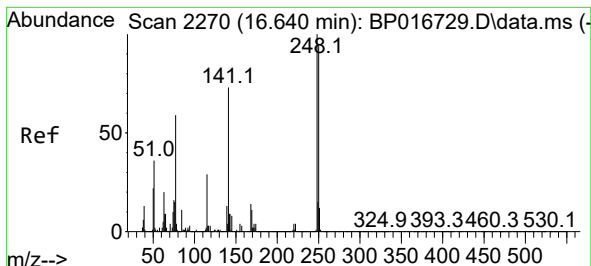
Tgt Ion:198 Resp: 294563
Ion Ratio Lower Upper
198 100
182 4.4 3.2 4.8
77 26.5 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 20.239 ng/ul
RT: 15.957 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BP016733.D
Acq: 24 Aug 2023 18:29

Tgt Ion:169 Resp: 1387187
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.2
167 37.0 29.4 44.2





#68

4-Bromophenyl-phenylether

Concen: 19.613 ng/ul

RT: 16.634 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

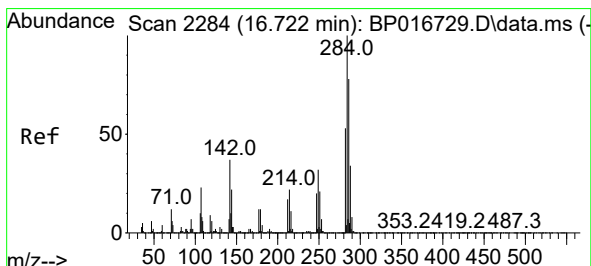
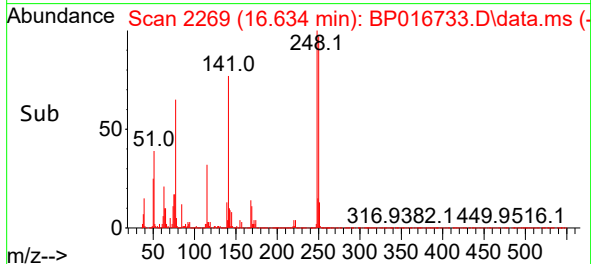
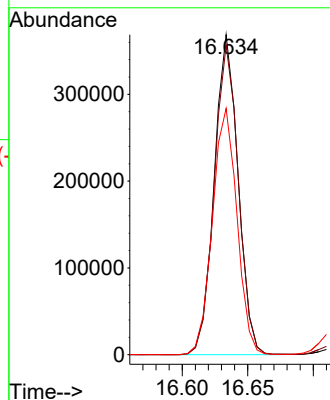
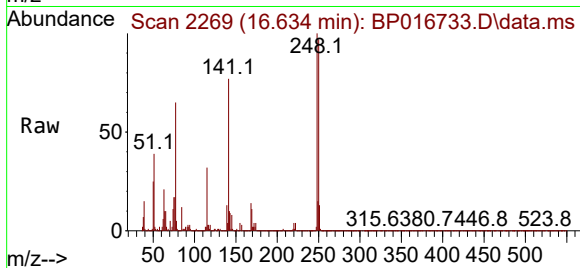
Tgt Ion:248 Resp: 465986

Ion Ratio Lower Upper

248 100

250 96.7 75.4 113.2

141 76.9 58.7 88.1



#69

Hexachlorobenzene

Concen: 19.584 ng/ul

RT: 16.716 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

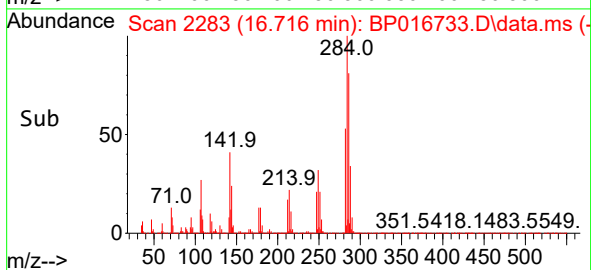
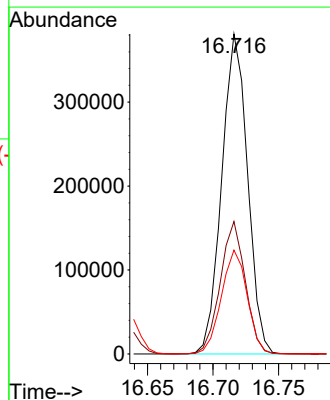
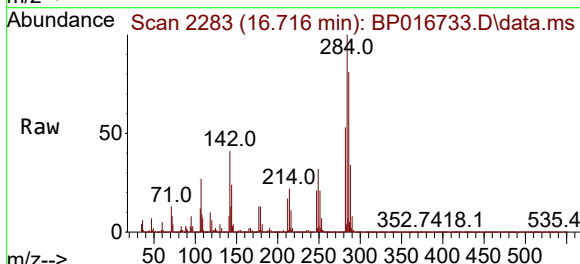
Tgt Ion:284 Resp: 520957

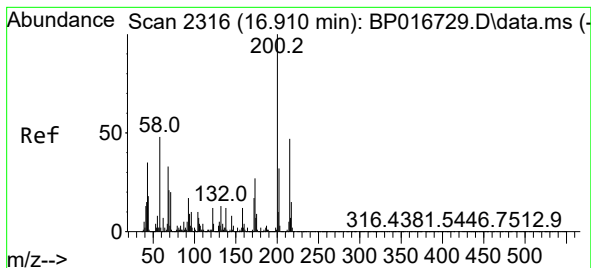
Ion Ratio Lower Upper

284 100

142 41.4 29.8 44.8

249 32.4 25.9 38.9





#70

Atrazine

Concen: 20.353 ng/ul

RT: 16.910 min Scan# 2316

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

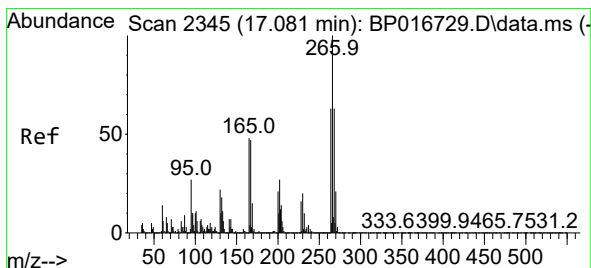
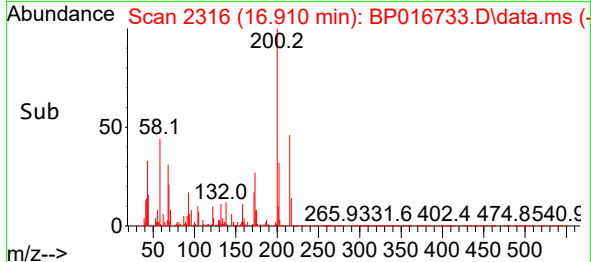
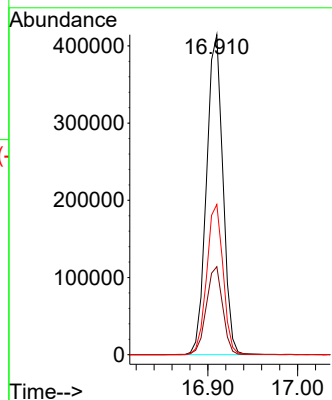
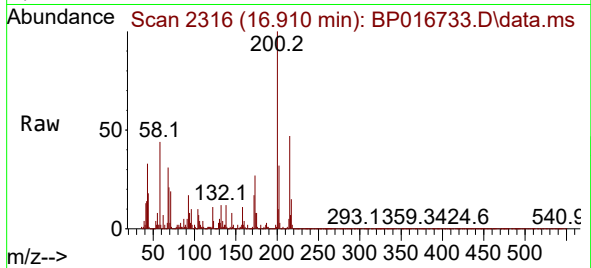
Tgt Ion:200 Resp: 525916

Ion Ratio Lower Upper

200 100

173 27.5 21.4 32.2

215 46.9 37.3 55.9



#71

Pentachlorophenol

Concen: 17.344 ng/ul

RT: 17.081 min Scan# 2345

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

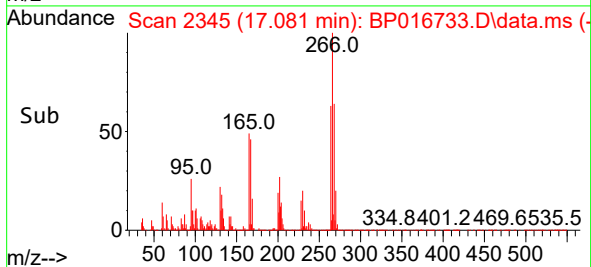
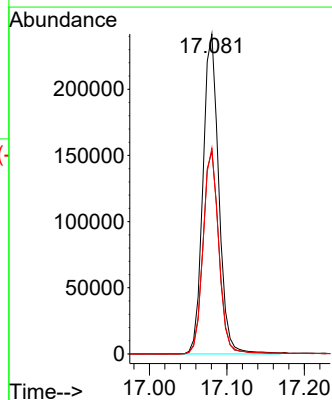
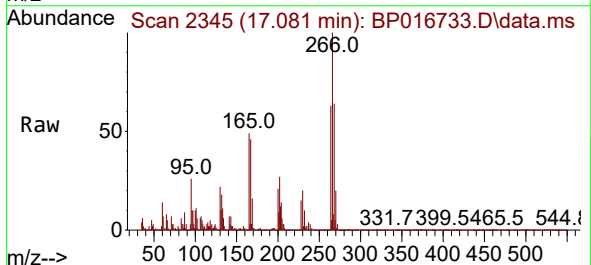
Tgt Ion:266 Resp: 342494

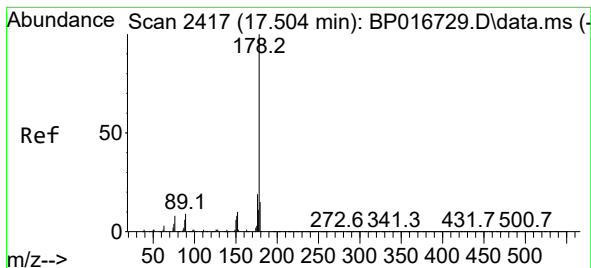
Ion Ratio Lower Upper

266 100

264 63.4 50.7 76.1

268 64.3 50.8 76.2





#72

Phenanthrene

Concen: 19.991 ng/ul

RT: 17.498 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

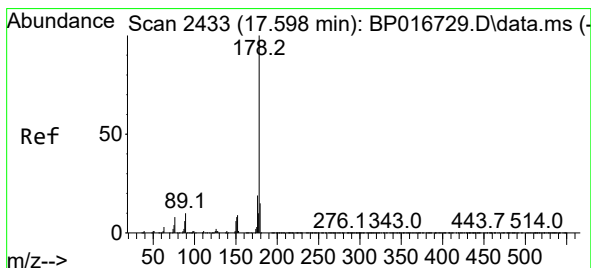
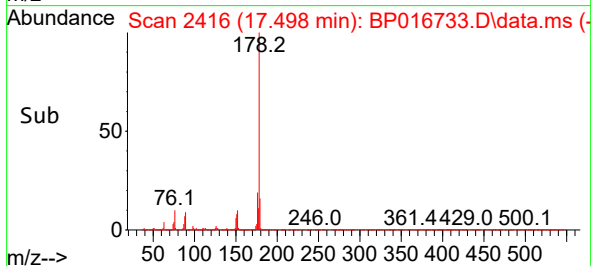
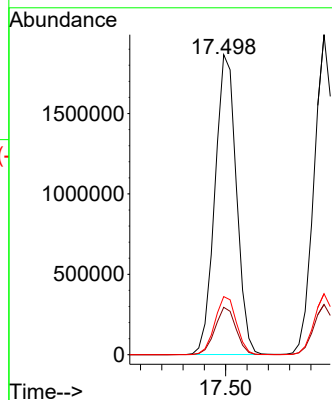
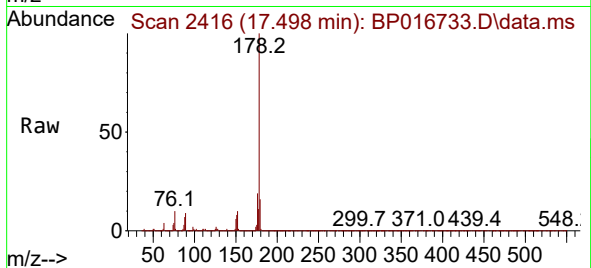
Tgt Ion:178 Resp: 2608029

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 20.210 ng/ul

RT: 17.592 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

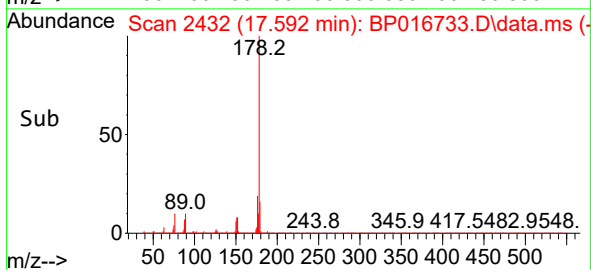
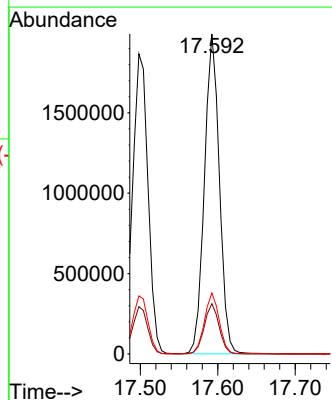
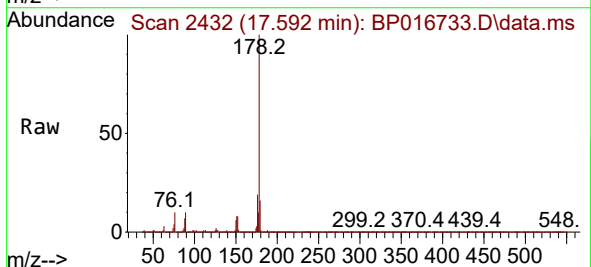
Tgt Ion:178 Resp: 2665991

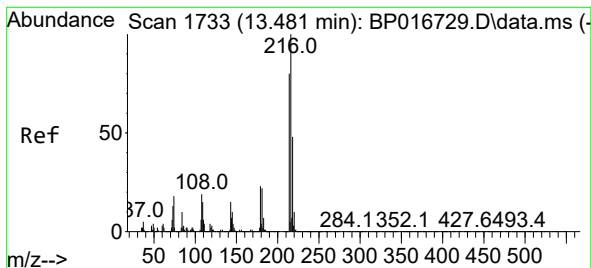
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.0 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.442 ng/uL

RT: 13.481 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

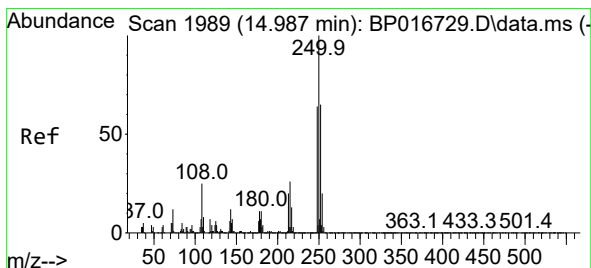
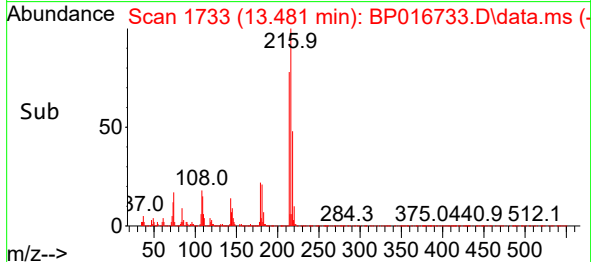
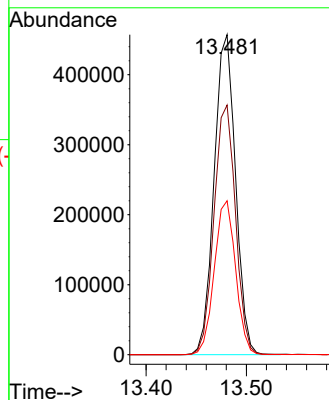
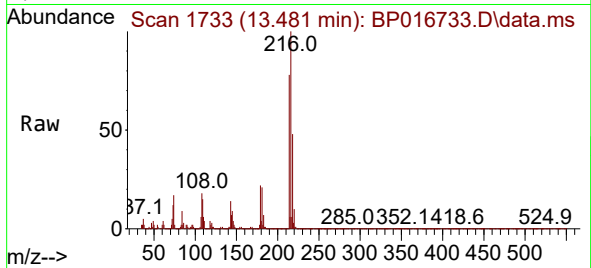
Tgt Ion:216 Resp: 678293

Ion Ratio Lower Upper

216 100

214 78.0 64.0 96.0

218 48.1 38.2 57.2



#76

Pentachlorobenzene

Concen: 20.244 ng/uL

RT: 14.981 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

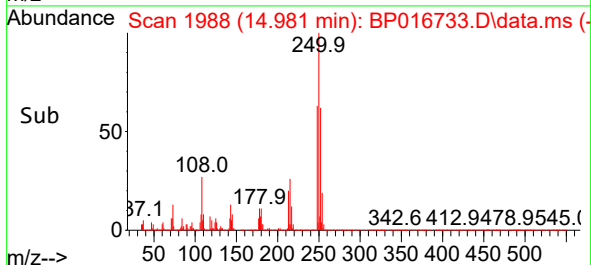
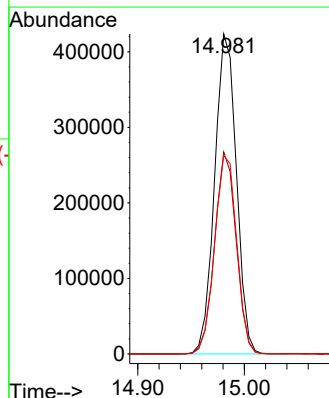
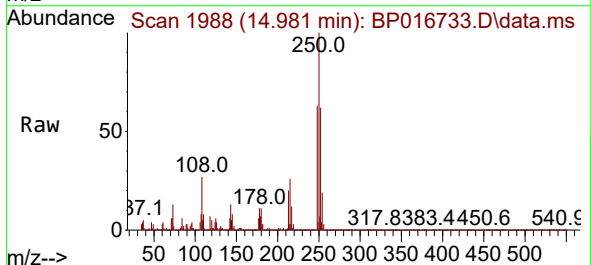
Tgt Ion:250 Resp: 600274

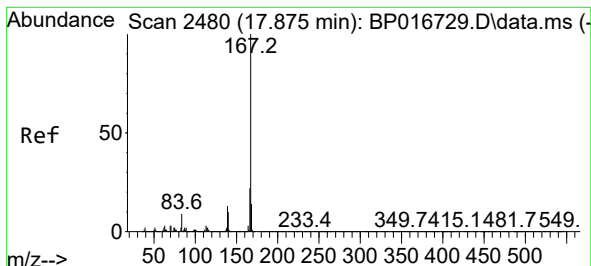
Ion Ratio Lower Upper

250 100

248 63.2 50.9 76.3

252 62.1 52.2 78.4





#77

Carbazole

Concen: 20.753 ng/ul

RT: 17.875 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

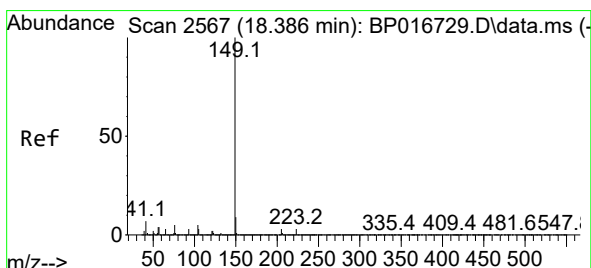
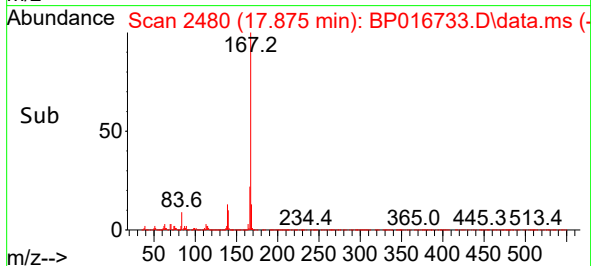
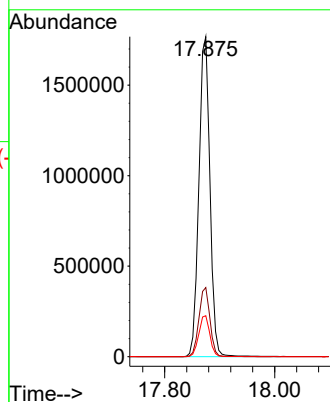
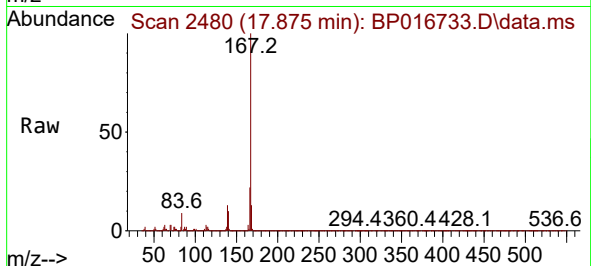
Tgt Ion:167 Resp: 2465523

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 12.8 10.4 15.6



#78

Di-n-butylphthalate

Concen: 20.569 ng/ul

RT: 18.381 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

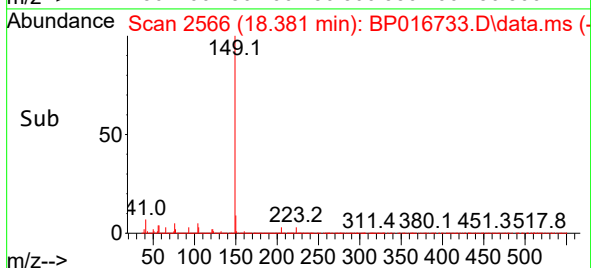
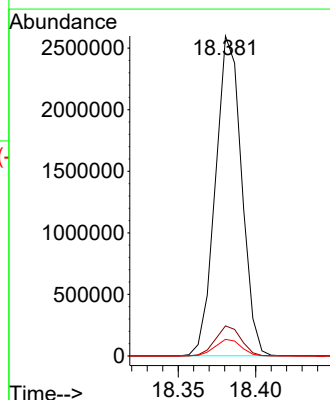
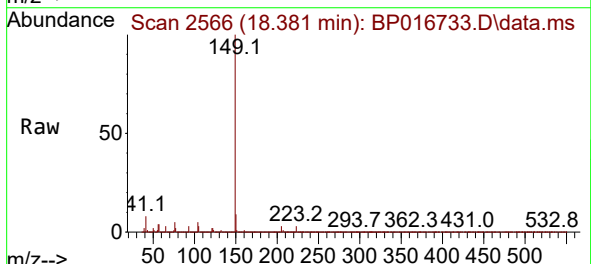
Tgt Ion:149 Resp: 3048681

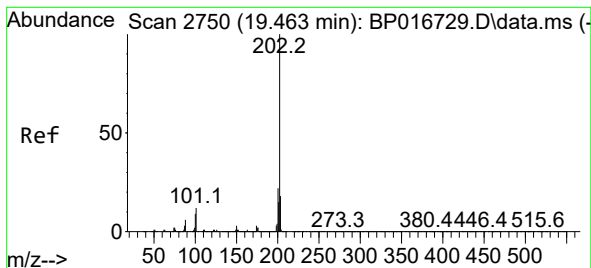
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.2 4.1 6.1





#80

Fluoranthene

Concen: 19.704 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

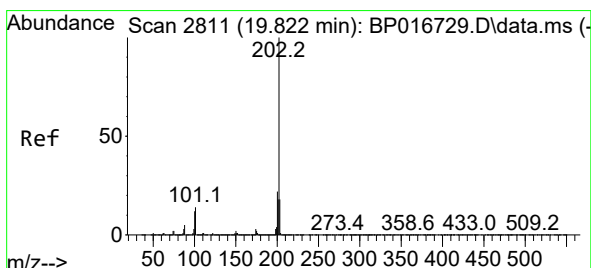
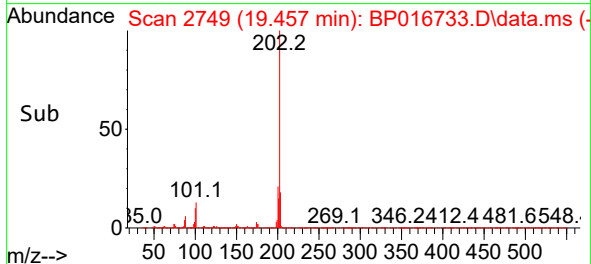
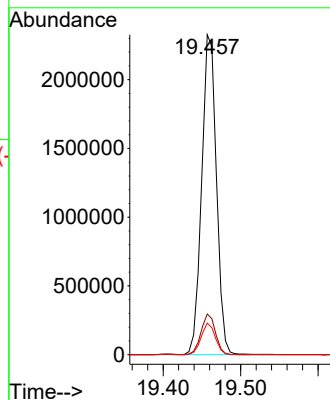
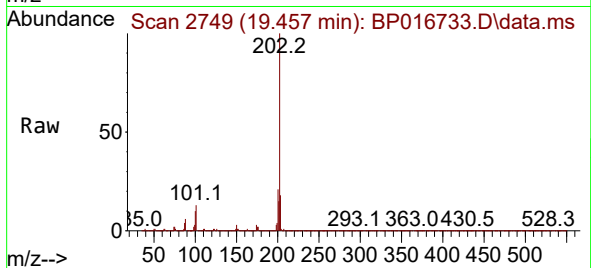
Tgt Ion:202 Resp: 3070149

Ion Ratio Lower Upper

202 100

101 12.7 9.7 14.5

100 9.8 7.4 11.2



#82

Pyrene

Concen: 20.002 ng/ul

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

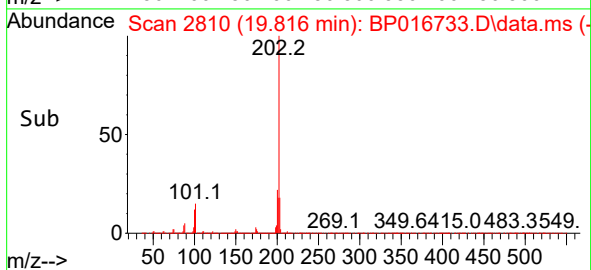
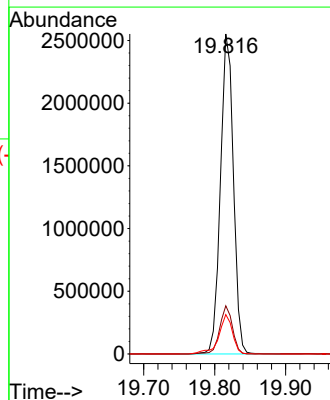
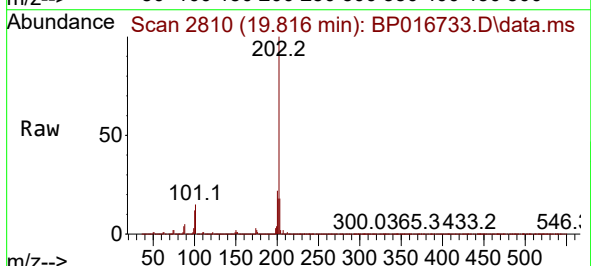
Tgt Ion:202 Resp: 3219292

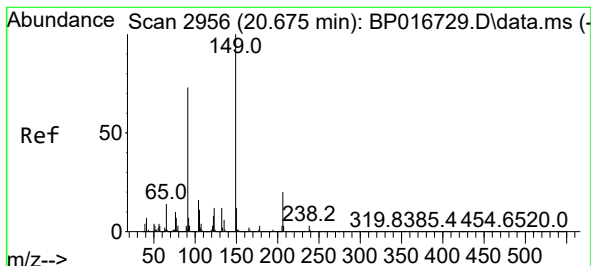
Ion Ratio Lower Upper

202 100

101 15.0 11.4 17.2

100 12.3 9.4 14.2





#83

Butylbenzylphthalate

Concen: 20.124 ng/ul

RT: 20.674 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

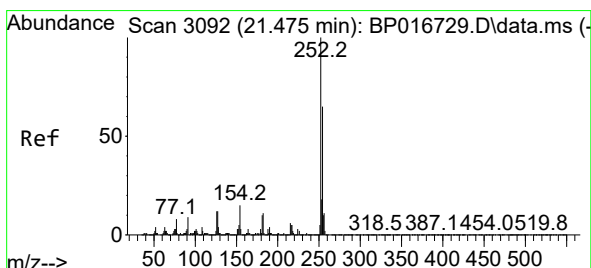
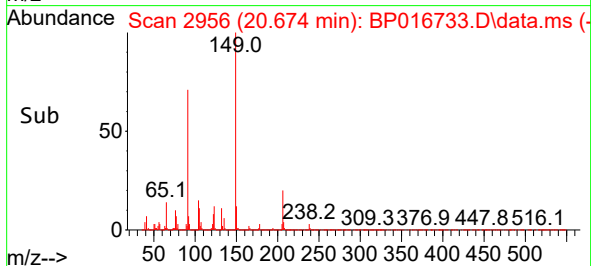
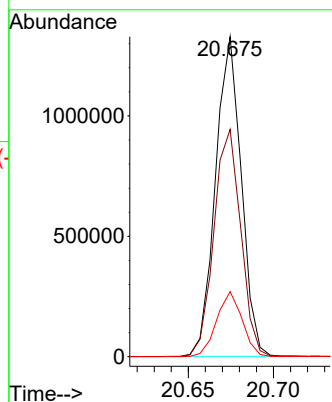
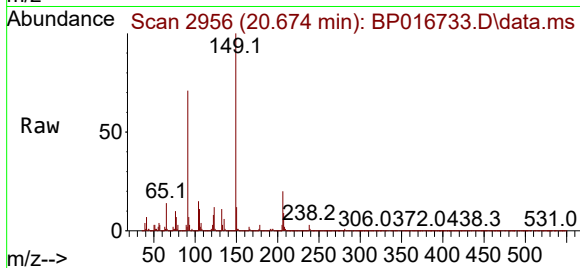
Tgt Ion:149 Resp: 1396867

Ion Ratio Lower Upper

149 100

91 71.0 58.5 87.7

206 20.3 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 19.750 ng/ul

RT: 21.474 min Scan# 3092

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

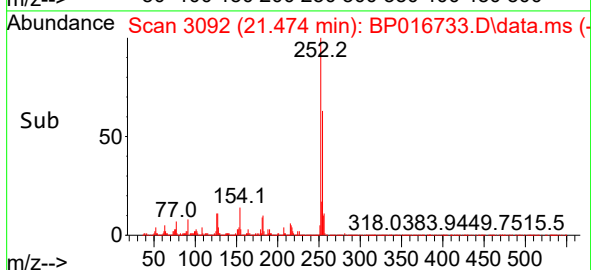
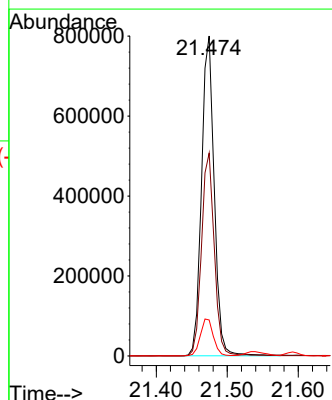
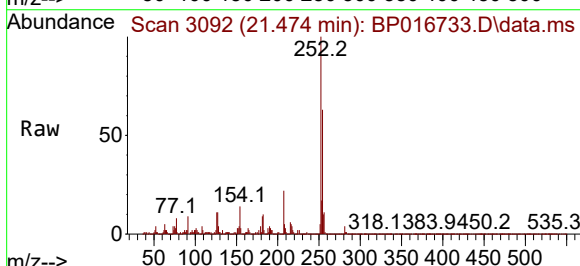
Tgt Ion:252 Resp: 996976

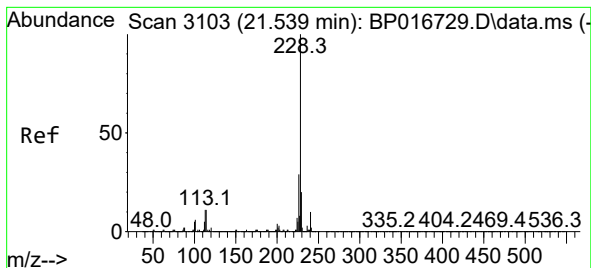
Ion Ratio Lower Upper

252 100

254 63.4 52.1 78.1

126 11.3 9.6 14.4





#85

Benzo(a)anthracene

Concen: 20.037 ng/ul

RT: 21.539 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

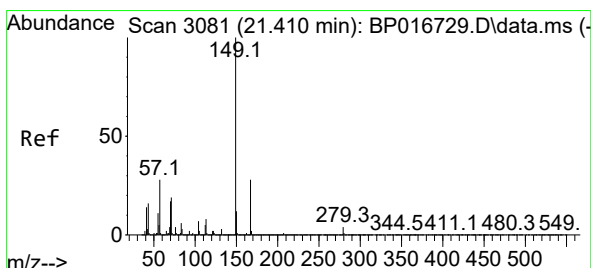
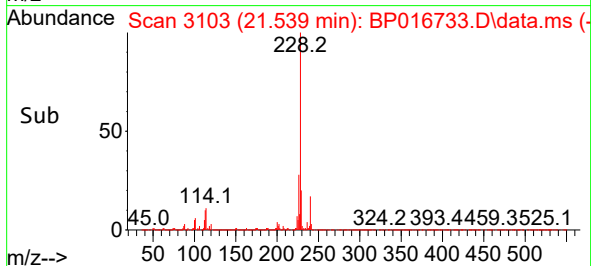
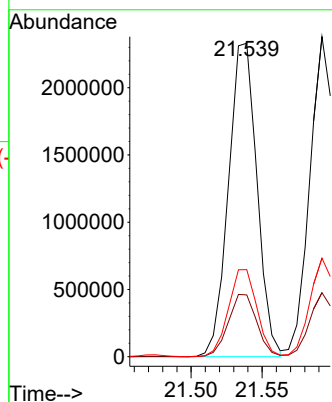
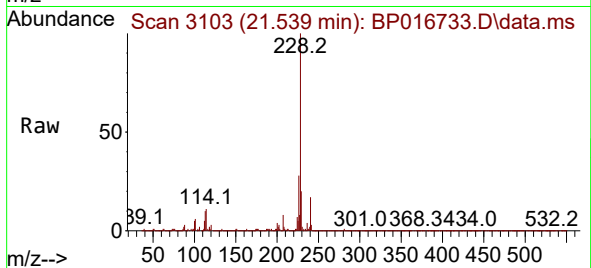
Tgt Ion:228 Resp: 3259603

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.4

226 27.8 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.267 ng/ul

RT: 21.410 min Scan# 3081

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

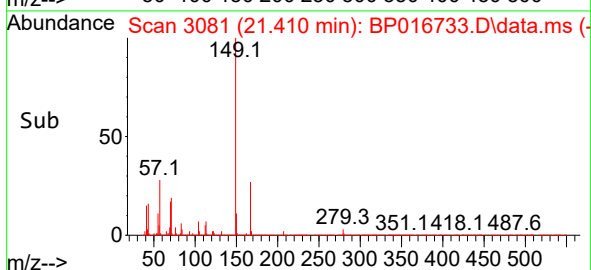
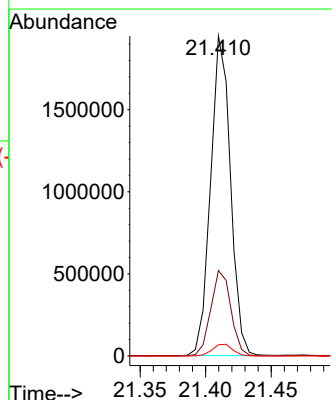
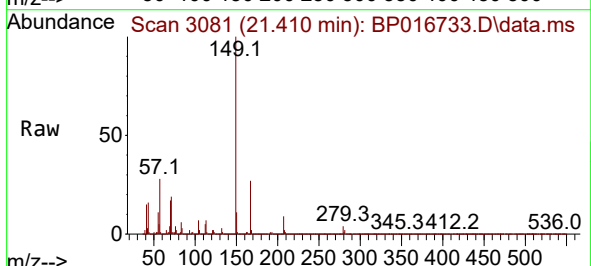
Tgt Ion:149 Resp: 2054158

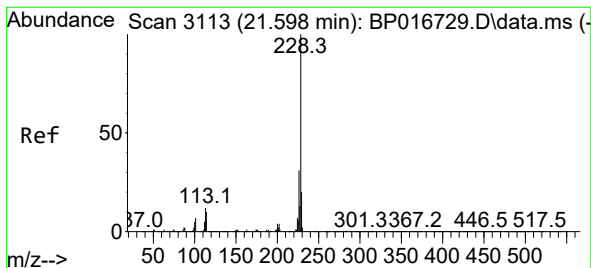
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 3.5 3.0 4.4





#87

Chrysene

Concen: 20.289 ng/ul

RT: 21.592 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

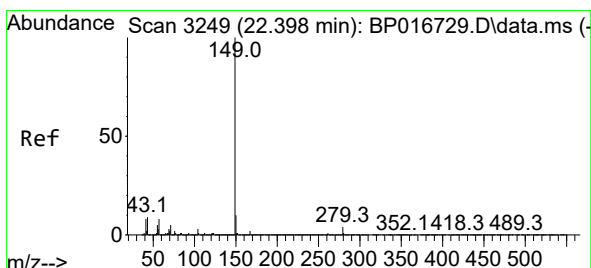
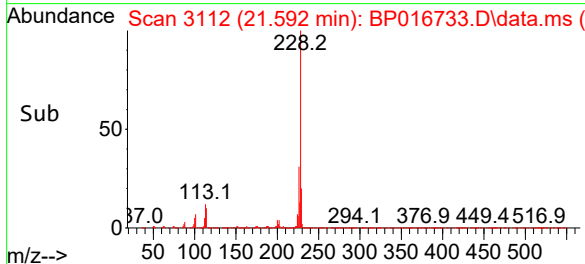
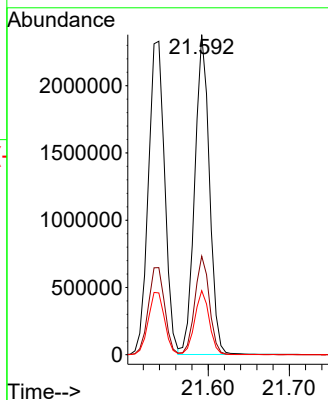
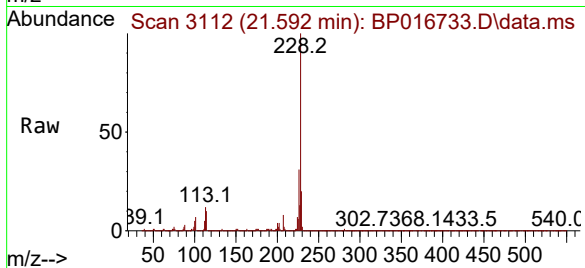
Tgt Ion:228 Resp: 2998058

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 18.823 ng/ul

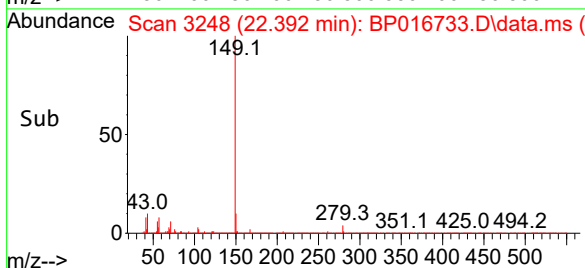
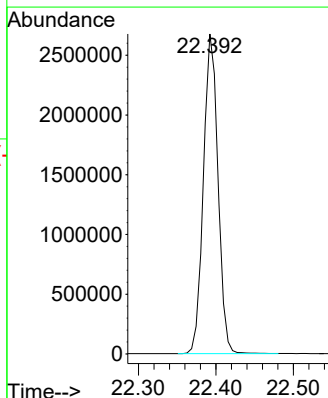
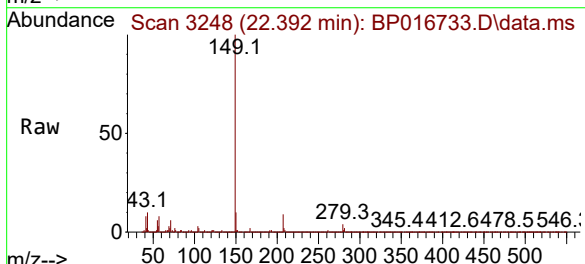
RT: 22.392 min Scan# 3248

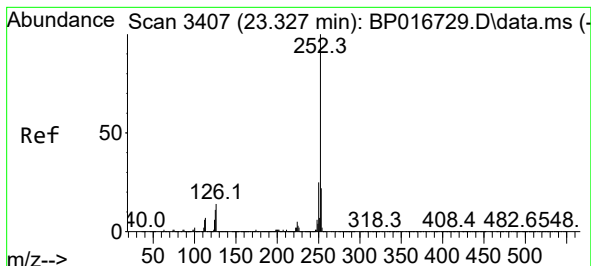
Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Tgt Ion:149 Resp: 3489384





#90

Benzo(b)fluoranthene

Concen: 19.719 ng/ul

RT: 23.321 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

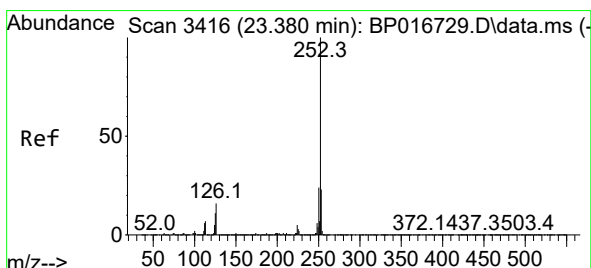
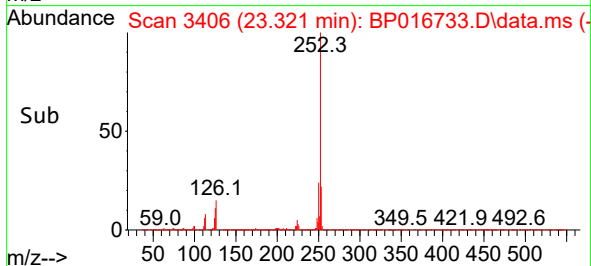
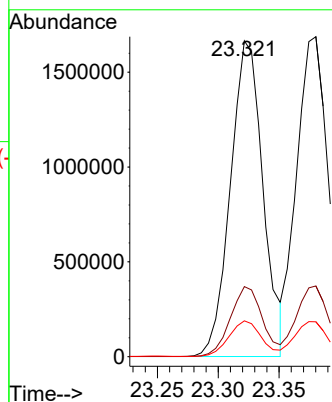
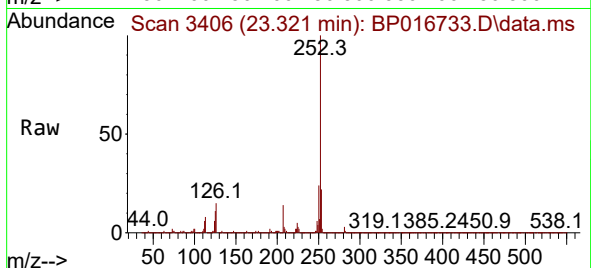
Tgt Ion:252 Resp: 3099677

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.3 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 19.689 ng/ul

RT: 23.380 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

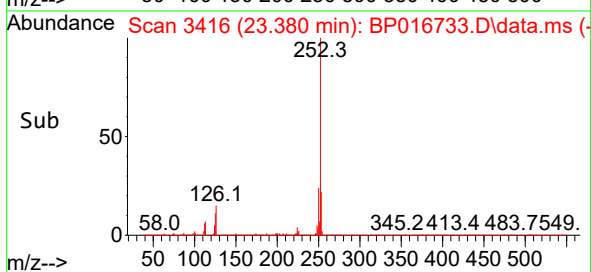
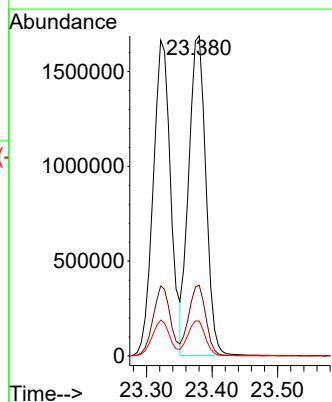
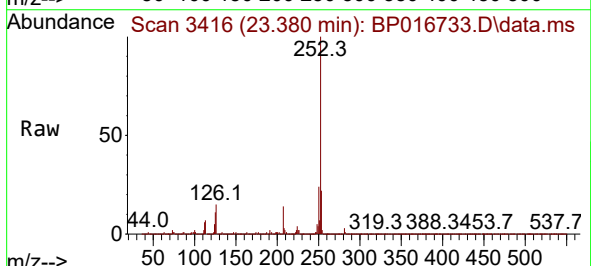
Tgt Ion:252 Resp: 3060997

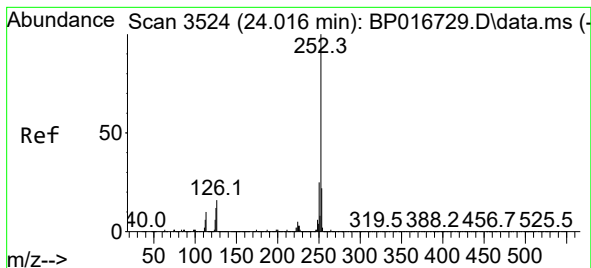
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 10.9 8.9 13.3





#93

Benzo(a)pyrene

Concen: 20.097 ng/ul

RT: 24.010 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

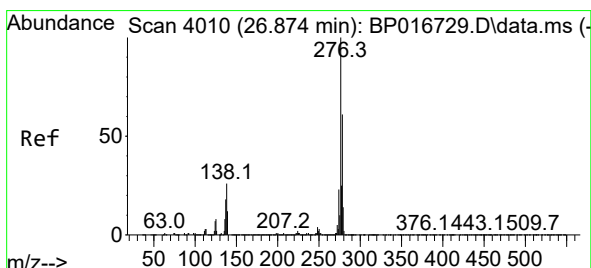
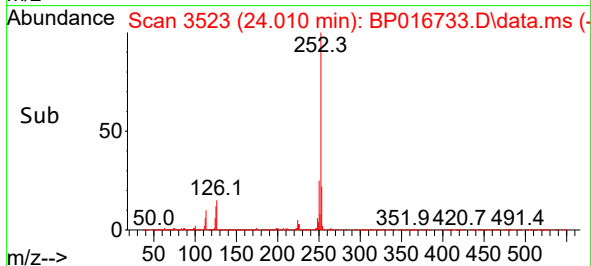
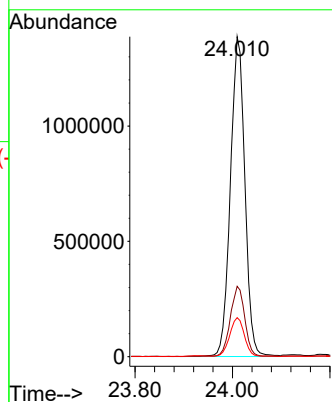
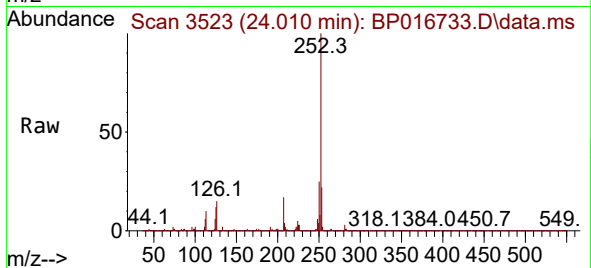
Tgt Ion:252 Resp: 2857603

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 12.2 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.171 ng/ul

RT: 26.862 min Scan# 4008

Delta R.T. -0.012 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

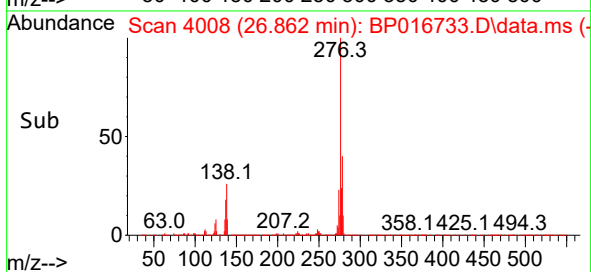
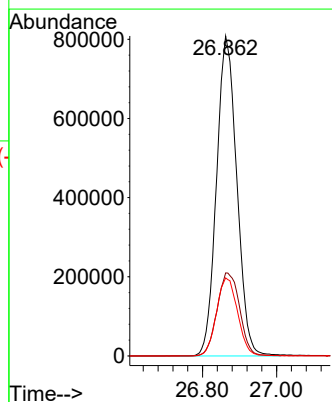
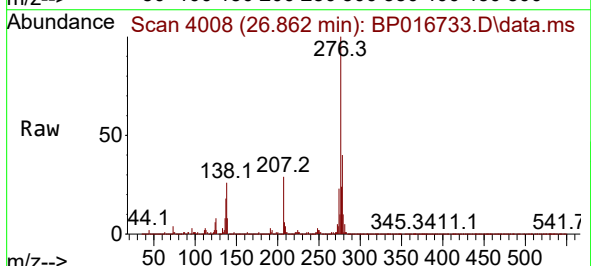
Tgt Ion:276 Resp: 3076027

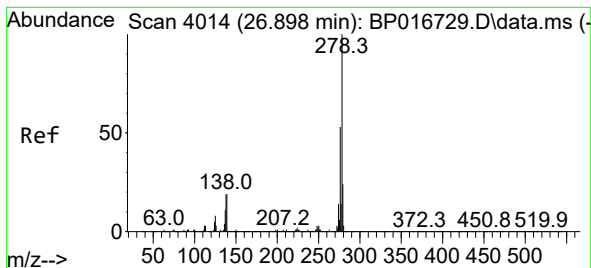
Ion Ratio Lower Upper

276 100

138 26.0 20.9 31.3

277 24.4 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 21.202 ng/ul

RT: 26.892 min Scan# 4014

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

SICV637

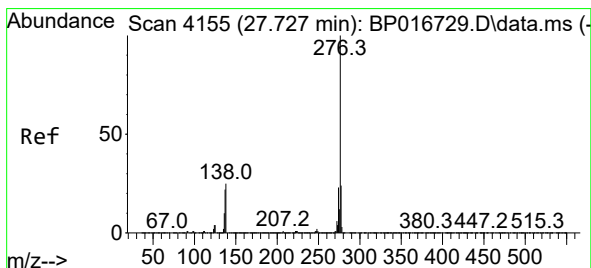
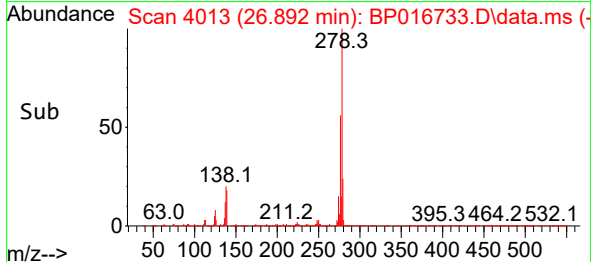
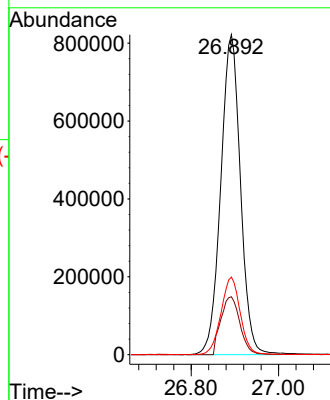
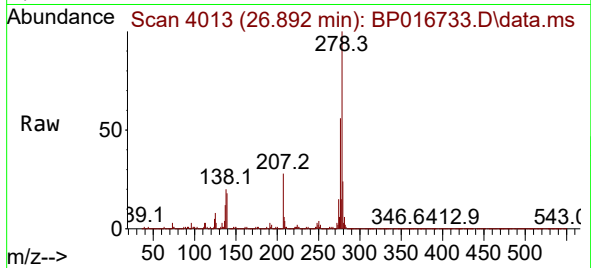
Tgt Ion:278 Resp: 2558688

Ion Ratio Lower Upper

278 100

139 18.1 15.0 22.6

279 24.3 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 21.413 ng/ul

RT: 27.721 min Scan# 4154

Delta R.T. -0.006 min

Lab File: BP016733.D

Acq: 24 Aug 2023 18:29

Tgt Ion:276 Resp: 2358744

Ion Ratio Lower Upper

276 100

138 24.9 20.2 30.4

277 24.3 19.3 28.9

