

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082423\
 Data File : BP016737.D
 Acq On : 24 Aug 2023 21:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020701

Quant Time: Aug 25 02:06:51 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	349050	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1570948	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	1007445	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2226170	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	2125807	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	2212421	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	70675	8.368	ng/uL	0.00
4) Pyridine-d5	3.822	84	520963	20.185	ng/u1	0.00
7) Phenol-d5	7.175	99	603462	19.443	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	401680	20.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.558	132	474789	20.345	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	502471	19.831	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	243644	20.512	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	252081	20.134	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	476032	20.394	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	711576	19.879	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1527497	20.105	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1755751	20.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	295992	18.849	ng/u1	0.00
60) Fluorene-d10	15.681	176	1295894	20.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	225508	17.010	ng/u1	0.00
73) Anthracene-d10	17.557	188	2001583	20.284	ng/u1	0.00
81) Pyrene-d10	19.786	212	2350073	20.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	2244778	20.256	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	76599	8.329	ng/uL	97
5) Pyridine	3.840	79	541760	20.378	ng/u1	99
6) Benzaldehyde	7.193	77	396188	23.342	ng/u1	99
8) Phenol	7.205	94	640026	19.704	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.469	93	531148	20.258	ng/u1	98
12) 2-Chlorophenol	7.587	128	486514	20.396	ng/u1	99
13) 2-Methylphenol	8.475	108	480035	19.701	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.552	45	429879	11.240	ng/u1	98
16) Acetophenone	8.887	105	816433	20.781	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.857	70	440880	21.294	ng/u1	100
18) 4-Methylphenol	8.804	108	530559	19.997	ng/u1	100
19) Hexachloroethane	9.110	117	201319	20.284	ng/u1	99
22) Nitrobenzene	9.281	77	629572	20.660	ng/u1	100
23) Isophorone	9.793	82	1212522	20.488	ng/u1	100
25) 2-Nitrophenol	9.981	139	281293	20.319	ng/u1	99
26) 2,4-Dimethylphenol	10.016	107	564030	20.271	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.281	93	742673	20.340	ng/u1	100
29) 2,4-Dichlorophenol	10.504	162	476994	20.344	ng/u1	99
30) Naphthalene	10.916	128	1663392	20.440	ng/u1	100
32) 4-Chloroaniline	11.046	127	705925	20.068	ng/u1	100
33) Hexachlorobutadiene	11.151	225	289520	20.046	ng/u1	98
34) Caprolactam	11.863	113	164946	19.076	ng/u1	98
35) 4-Chloro-3-methylphenol	12.140	107	533572	20.294	ng/u1	99
36) 2-Methylnaphthalene	12.516	142	1150035	20.474	ng/u1	100

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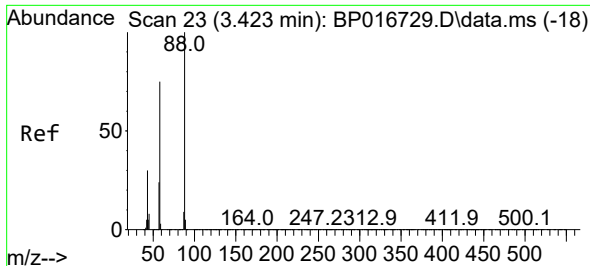
Quant Time: Aug 25 02:06:51 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	1167917	20.619	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	577257	20.104	ng/ul	97
40) Hexachlorocyclopentadiene	12.816	237	328374	15.551	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	384063	20.030	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	408999	19.712	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1522452	20.325	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1201032	20.311	ng/ul	100
45) 2-Nitroaniline	13.798	65	358637	19.999	ng/ul	99
47) Dimethylphthalate	14.145	163	1531513	19.904	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	301015	19.965	ng/ul	98
50) Acenaphthylene	14.416	152	2009943	20.446	ng/ul	99
51) 3-Nitroaniline	14.628	138	313926	19.996	ng/ul	100
52) Acenaphthene	14.751	153	1309470	20.135	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	149676	13.662	ng/ul	98
55) 4-Nitrophenol	14.910	109	223320	18.831	ng/ul	98
56) Dibenzofuran	15.086	168	1787112	20.027	ng/ul	97
57) 2,4-Dinitrotoluene	15.069	165	444122	20.013	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.304	232	347787	19.689	ng/ul	99
59) Diethylphthalate	15.504	149	1554077	19.881	ng/ul	99
61) Fluorene	15.739	166	1490256	19.966	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	723916	19.754	ng/ul	98
63) 4-Nitroaniline	15.792	138	303361	20.306	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	250306	17.512	ng/ul	98
67) N-Nitrosodiphenylamine	15.951	169	1253914	20.365	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	417450	19.559	ng/ul	94
69) Hexachlorobenzene	16.716	284	468973	19.624	ng/ul	97
70) Atrazine	16.904	200	468653	20.189	ng/ul	100
71) Pentachlorophenol	17.081	266	304483	17.164	ng/ul	100
72) Phenanthrene	17.498	178	2378364	20.294	ng/ul	100
74) Anthracene	17.592	178	2413418	20.366	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	608359	20.409	ng/ul	100
76) Pentachlorobenzene	14.981	250	537584	20.181	ng/ul	99
77) Carbazole	17.869	167	2225696	20.854	ng/ul	100
78) Di-n-butylphthalate	18.380	149	2720500	20.432	ng/ul	100
80) Fluoranthene	19.457	202	2805816	20.006	ng/ul	99
82) Pyrene	19.816	202	2919949	20.155	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1258647	20.145	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	892390	19.640	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2967550	20.266	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1861597	20.406	ng/ul	99
87) Chrysene	21.592	228	2736800	20.576	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	3179325	19.082	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2770211	19.608	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	2858704	20.460	ng/ul	99
93) Benzo(a)pyrene	24.010	252	2612097	20.440	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2776174	21.260	ng/ul	99
95) Dibenzo(a,h)anthracene	26.880	278	2291515	21.128	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	2111762	21.331	ng/ul	99

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

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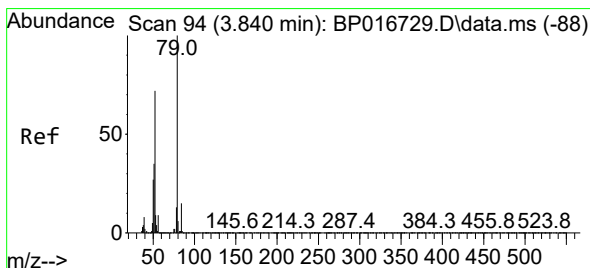
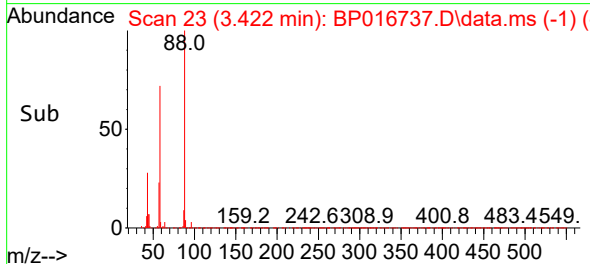
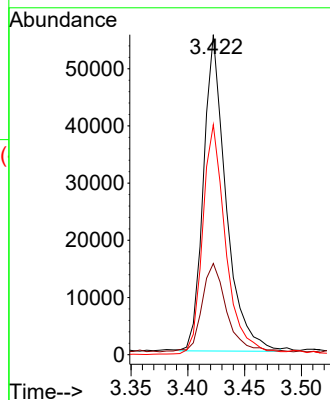
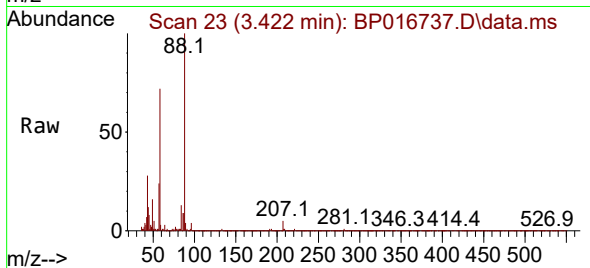




#2
1,4-Dioxane
Concen: 8.329 ng/uL
RT: 3.422 min Scan# 21
Delta R.T. -0.001 min
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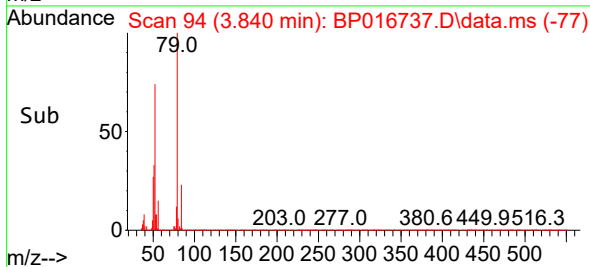
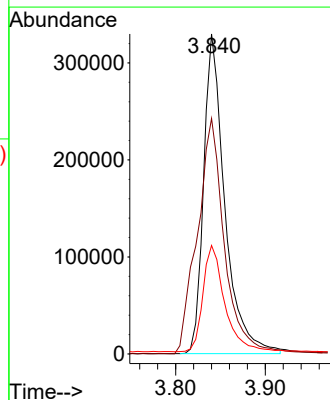
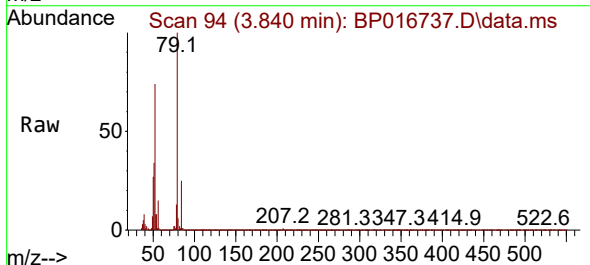
Instrument :
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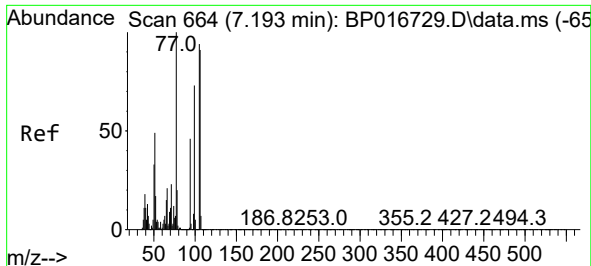
Tgt Ion: 88 Resp: 76599
Ion Ratio Lower Upper
88 100
43 28.5 24.0 36.0
58 71.8 59.8 89.8



#5
Pyridine
Concen: 20.378 ng/uL
RT: 3.840 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion: 79 Resp: 541760
Ion Ratio Lower Upper
79 100
52 73.6 59.6 89.4
51 33.9 28.2 42.2

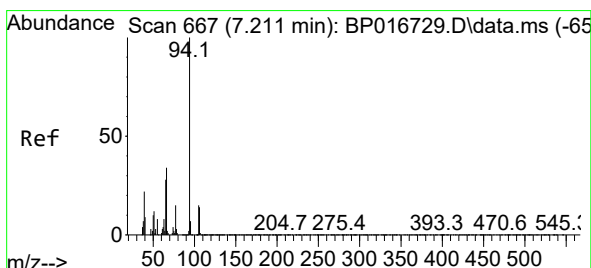
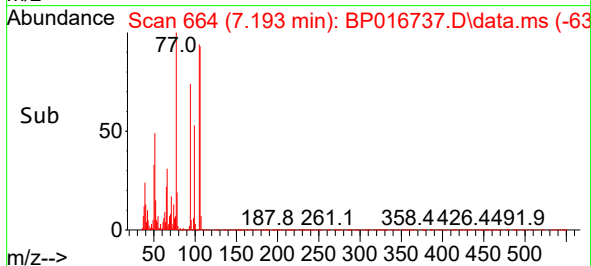
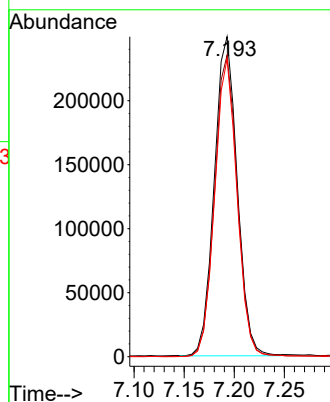
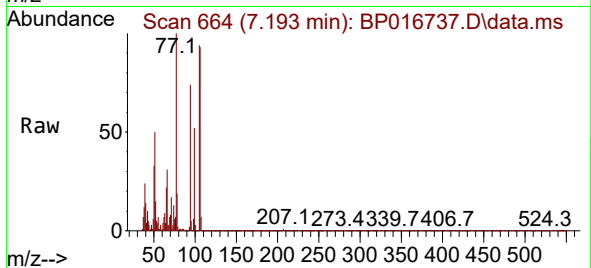




#6
Benzaldehyde
Concen: 23.342 ng/ul
RT: 7.193 min Scan# 664
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

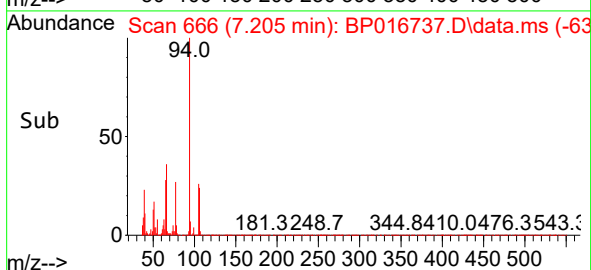
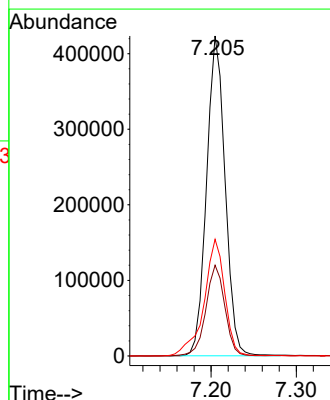
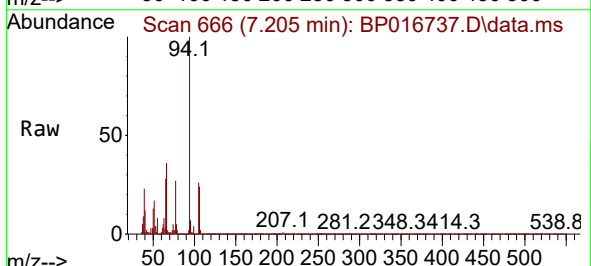
Instrument :
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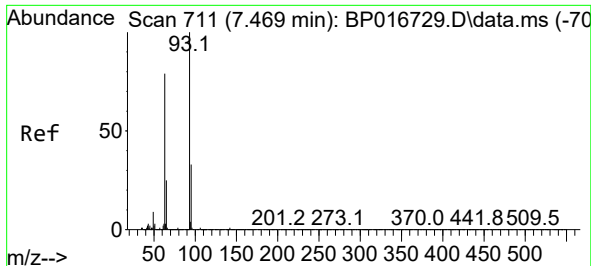
Tgt Ion: 77 Resp: 396188
Ion Ratio Lower Upper
77 100
105 94.2 75.4 113.2
106 93.1 73.1 109.7



#8
Phenol
Concen: 19.704 ng/ul
RT: 7.205 min Scan# 666
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion: 94 Resp: 640026
Ion Ratio Lower Upper
94 100
65 28.3 22.4 33.6
66 36.4 28.6 42.8

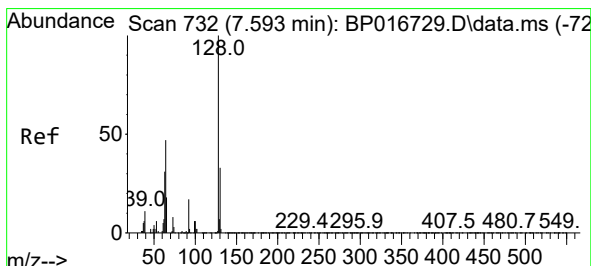
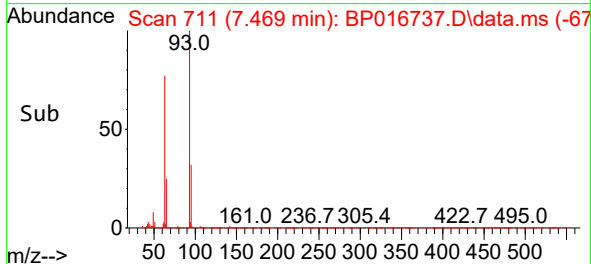
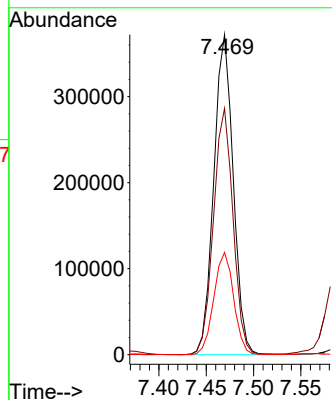
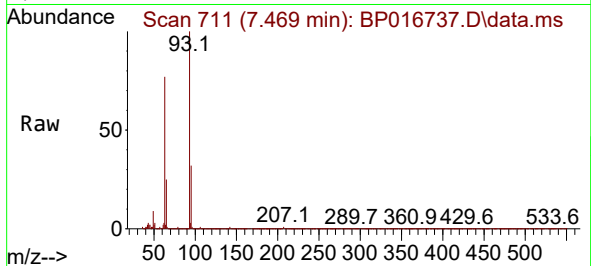




#10
Bis(2-Chloroethyl)ether
Concen: 20.258 ng/ul
RT: 7.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

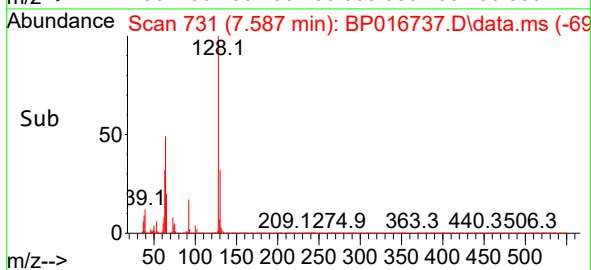
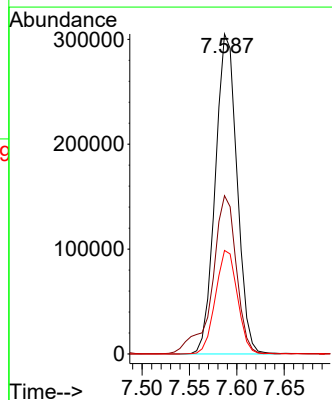
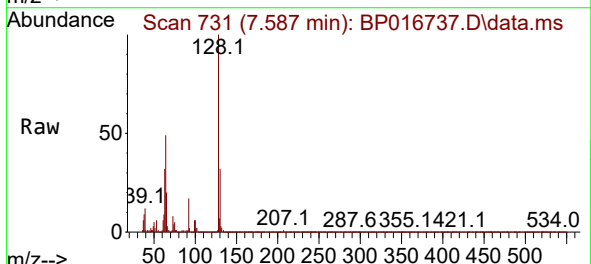
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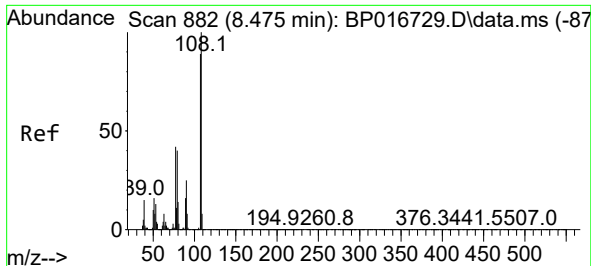
Tgt Ion: 93 Resp: 531148
Ion Ratio Lower Upper
93 100
63 76.9 62.9 94.3
95 31.9 26.3 39.5



#12
2-Chlorophenol
Concen: 20.396 ng/ul
RT: 7.587 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion: 128 Resp: 486514
Ion Ratio Lower Upper
128 100
64 49.4 40.0 60.0
130 32.3 26.4 39.6





#13

2-Methylphenol

Concen: 19.701 ng/ul

RT: 8.475 min Scan# 882

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

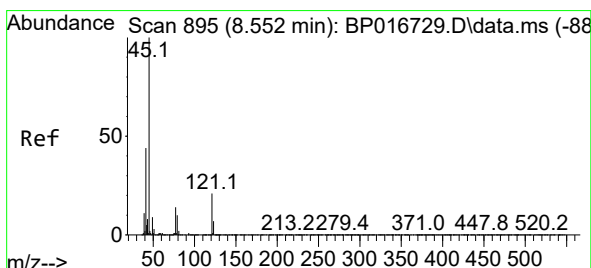
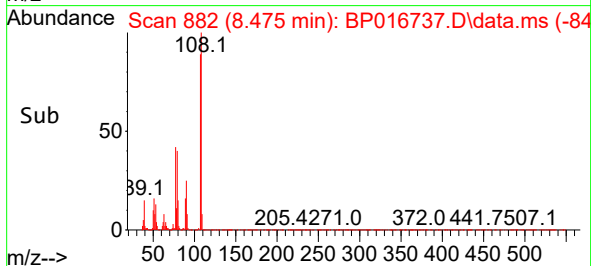
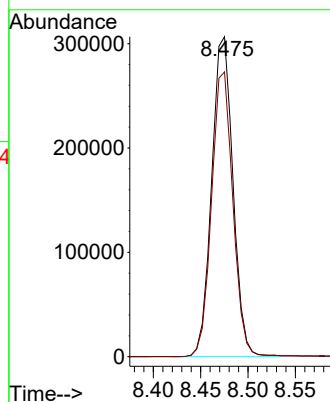
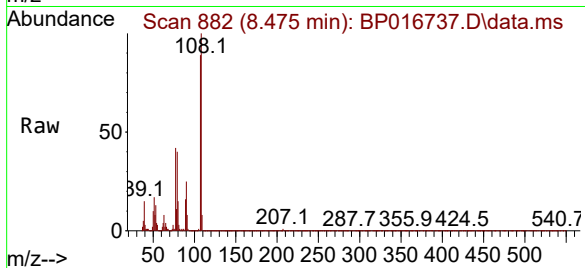
SSTD020701

Tgt Ion:108 Resp: 480035

Ion Ratio Lower Upper

108 100

107 89.0 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.240 ng/ul

RT: 8.552 min Scan# 895

Delta R.T. -0.000 min

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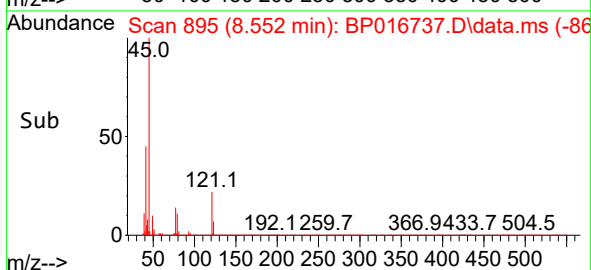
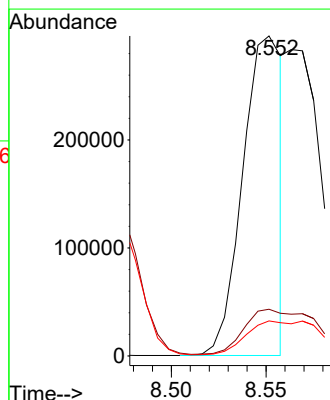
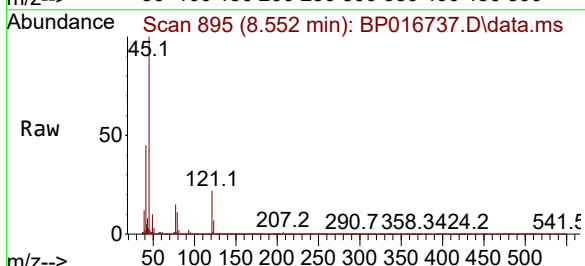
Tgt Ion: 45 Resp: 429879

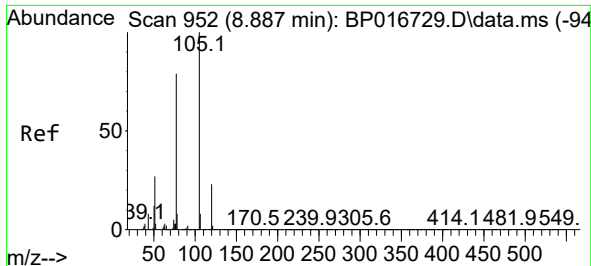
Ion Ratio Lower Upper

45 100

77 14.6 11.1 16.7

79 10.9 8.2 12.4

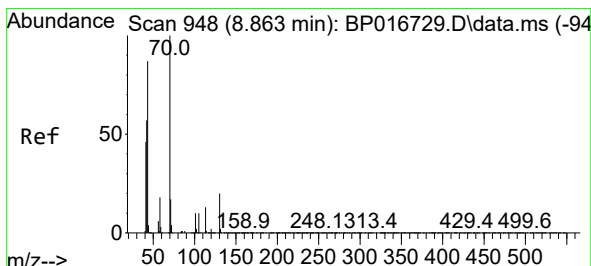
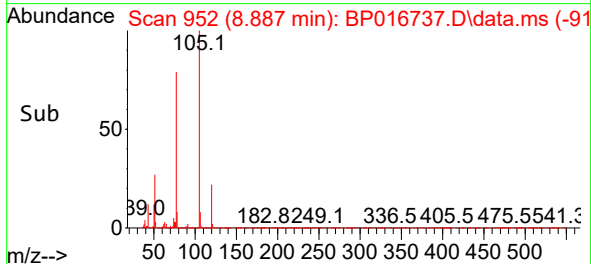
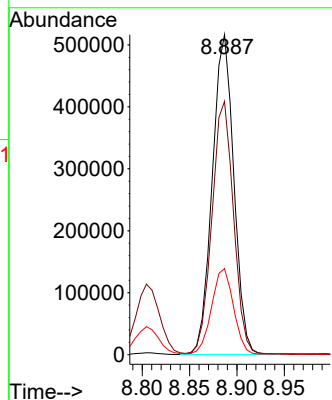
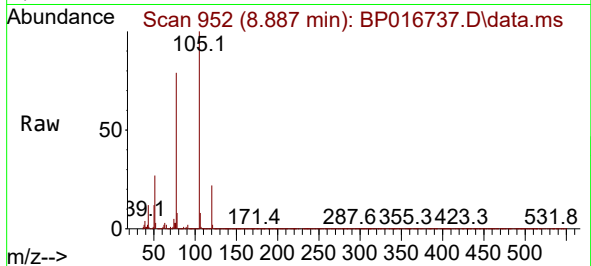




#16
Acetophenone
Concen: 20.781 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. -0.000 min
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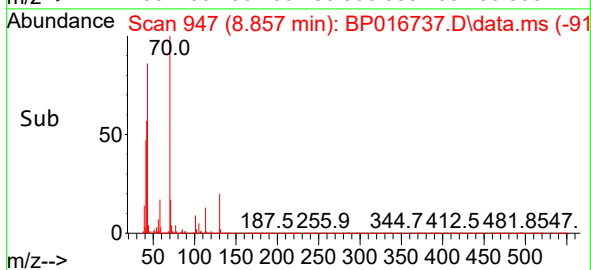
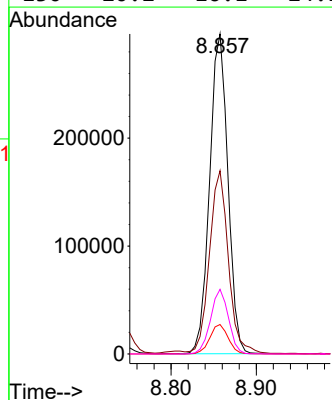
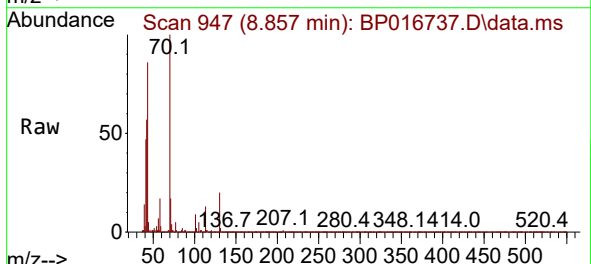
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ClientSampleId :
SSTD020701

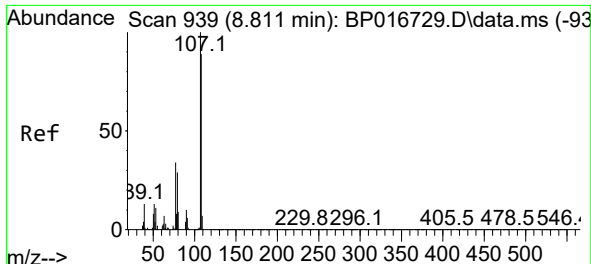
Tgt Ion:105 Resp: 816433
Ion Ratio Lower Upper
105 100
77 79.2 64.2 96.4
51 26.9 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 21.294 ng/ul
RT: 8.857 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion: 70 Resp: 440880
Ion Ratio Lower Upper
70 100
42 57.3 46.0 69.0
101 9.2 7.6 11.4
130 20.2 16.1 24.1





#18

4-Methylphenol

Concen: 19.997 ng/ul

RT: 8.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

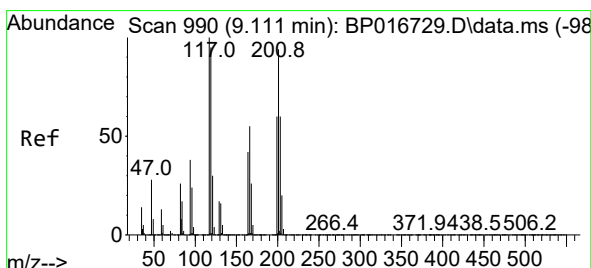
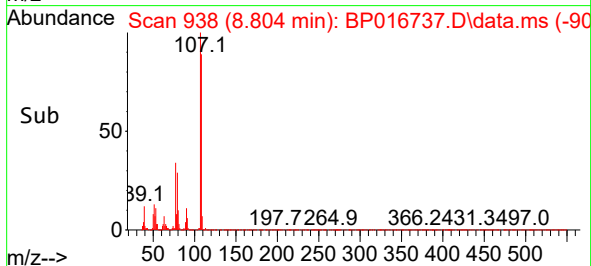
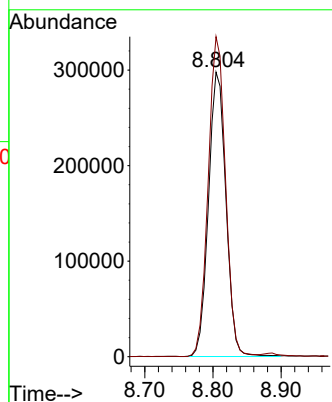
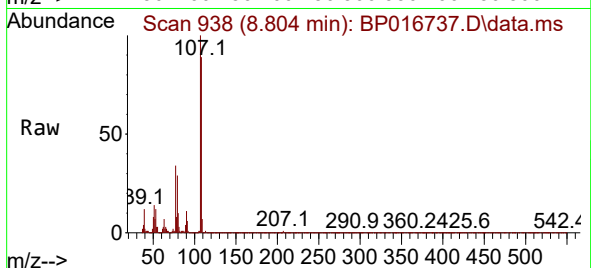
SSTD020701

Tgt Ion:108 Resp: 530559

Ion Ratio Lower Upper

108 100

107 112.5 89.8 134.6



#19

Hexachloroethane

Concen: 20.284 ng/ul

RT: 9.110 min Scan# 990

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

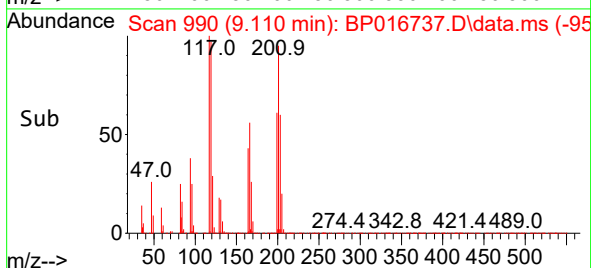
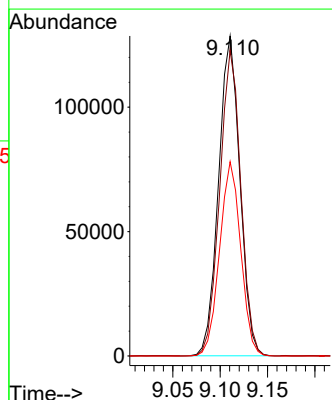
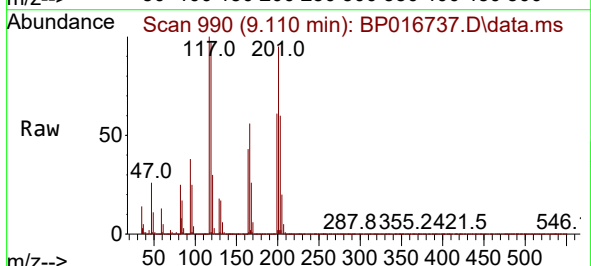
Tgt Ion:117 Resp: 201319

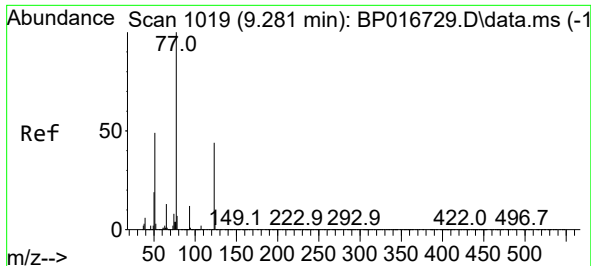
Ion Ratio Lower Upper

117 100

201 95.5 75.4 113.2

199 60.7 47.8 71.6

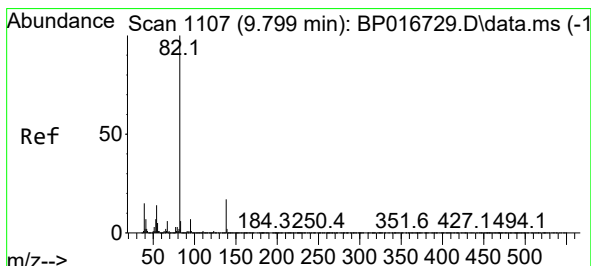
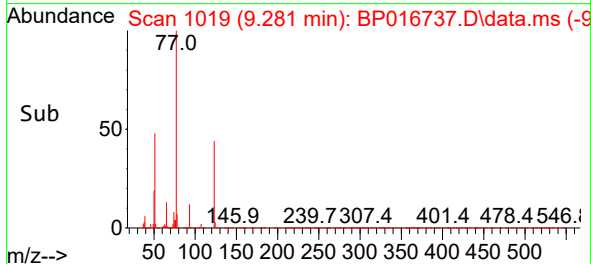
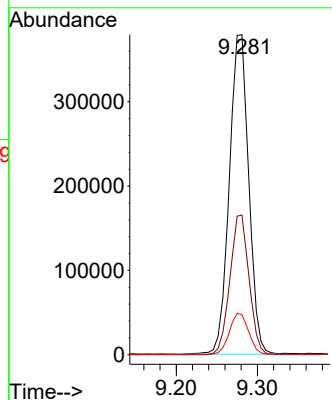
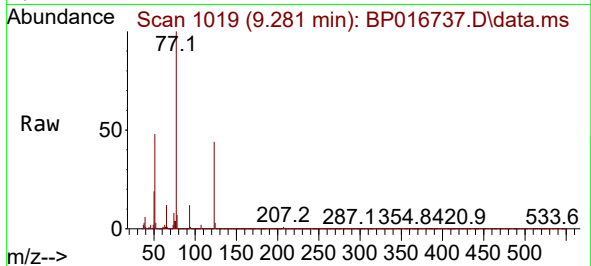




#22
Nitrobenzene
Concen: 20.660 ng/ul
RT: 9.281 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

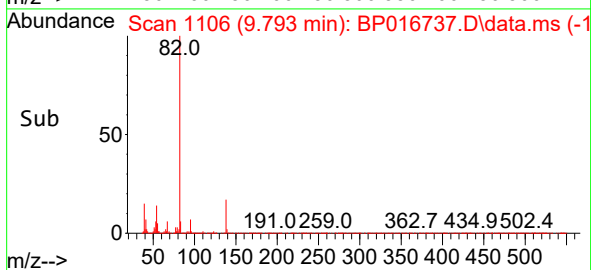
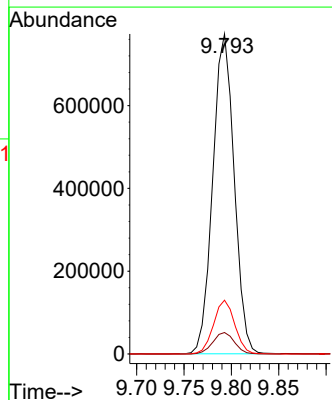
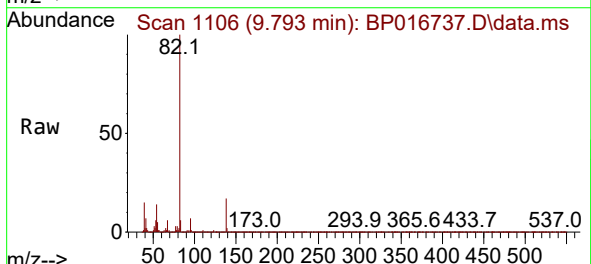
Instrument :
BNA_P
ClientSampleId :
SSTD020701

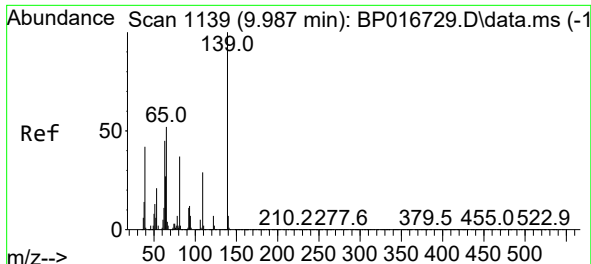
Tgt Ion: 77 Resp: 629572
Ion Ratio Lower Upper
77 100
123 43.6 34.9 52.3
65 12.5 10.6 15.8



#23
Isophorone
Concen: 20.488 ng/ul
RT: 9.793 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion: 82 Resp: 1212522
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.8 13.5 20.3

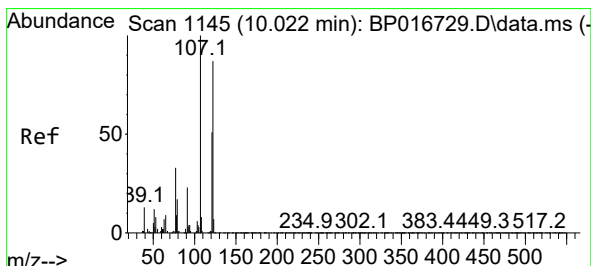
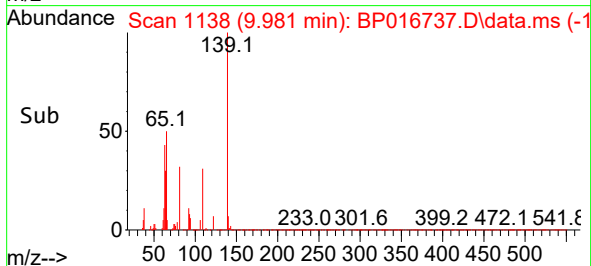
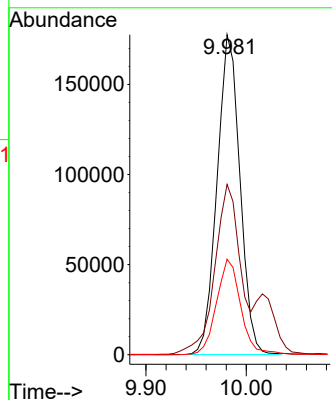
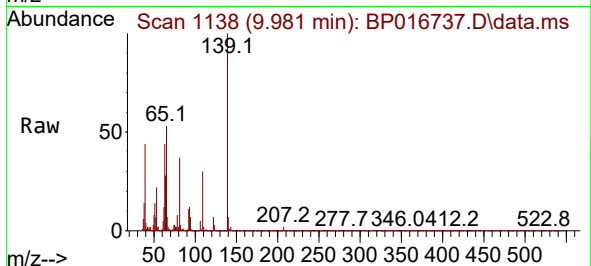




#25
2-Nitrophenol
Concen: 20.319 ng/ul
RT: 9.981 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

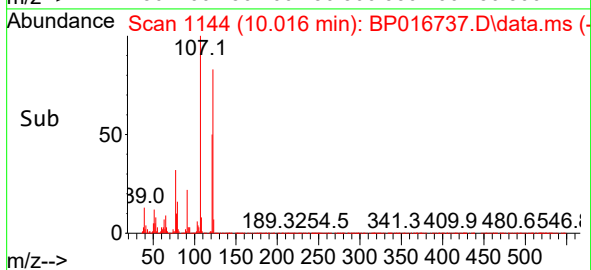
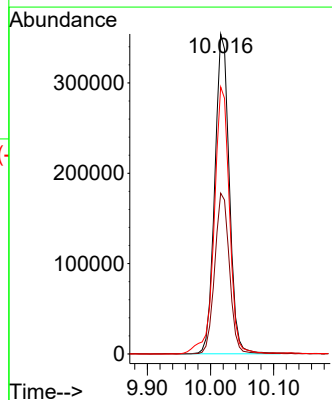
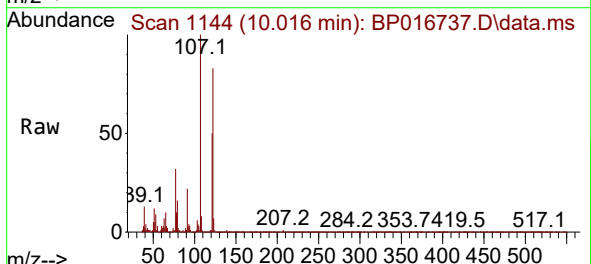
Instrument :
BNA_P
ClientSampleId :
SSTD020701

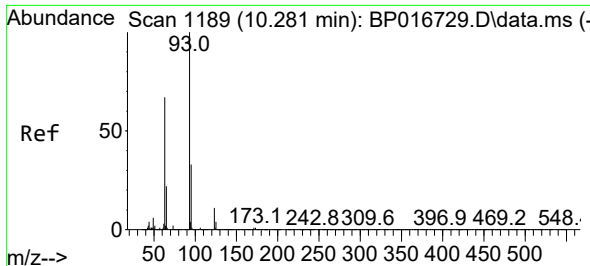
Tgt Ion:139 Resp: 281293
Ion Ratio Lower Upper
139 100
65 53.2 42.0 63.0
109 29.8 23.4 35.2



#26
2,4-Dimethylphenol
Concen: 20.271 ng/ul
RT: 10.016 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:107 Resp: 564030
Ion Ratio Lower Upper
107 100
121 50.3 40.7 61.1
122 83.4 69.7 104.5

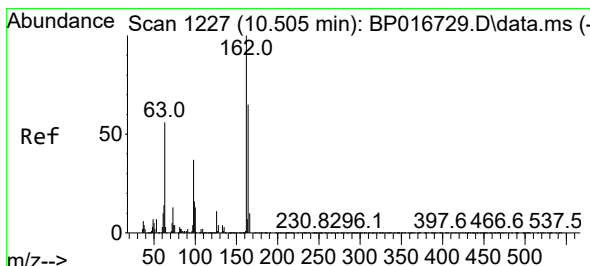
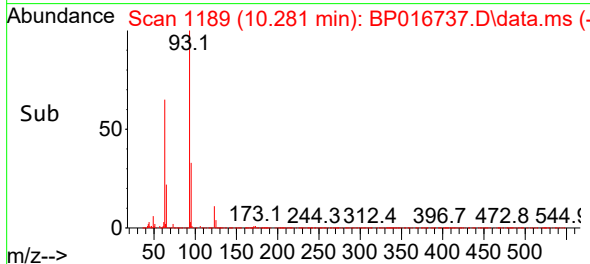
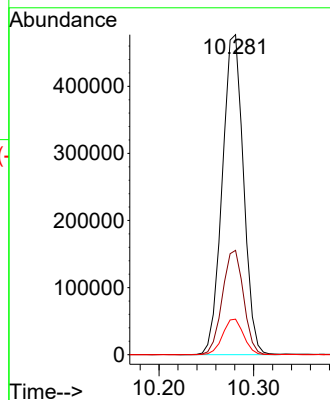
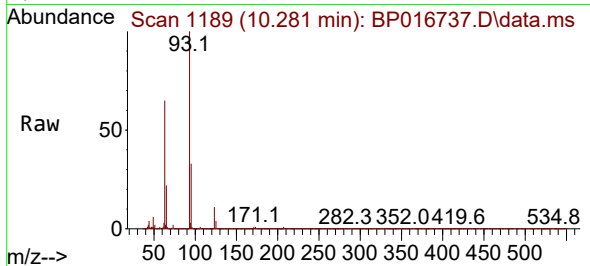




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.340 ng/ul
 RT: 10.281 min Scan# 1189
 Delta R.T. -0.000 min
 Lab File: BP016737.D
 Acq: 24 Aug 2023 21:54

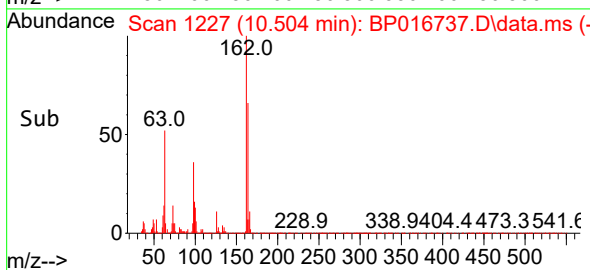
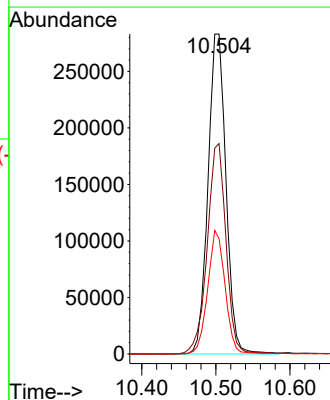
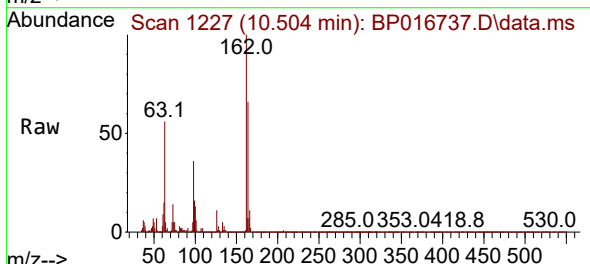
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020701

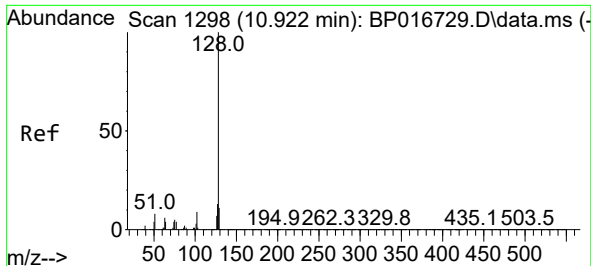
Tgt Ion: 93 Resp: 742673
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.1 8.8 13.2



#29
 2,4-Dichlorophenol
 Concen: 20.344 ng/ul
 RT: 10.504 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: BP016737.D
 Acq: 24 Aug 2023 21:54

Tgt Ion: 162 Resp: 476994
 Ion Ratio Lower Upper
 162 100
 164 65.8 52.2 78.2
 98 36.0 29.3 43.9

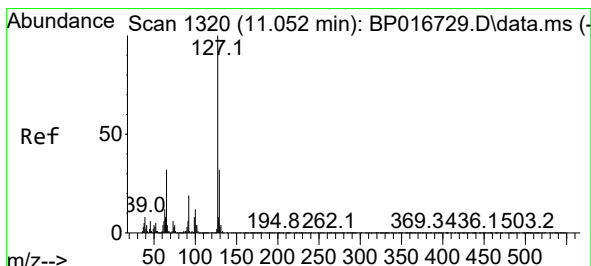
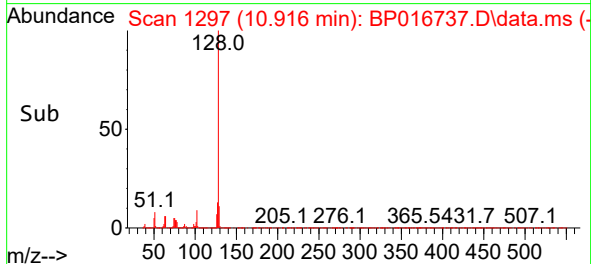
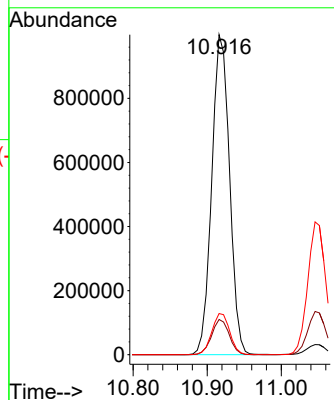
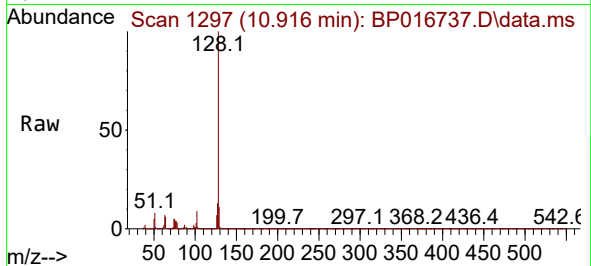




#30
Naphthalene
Concen: 20.440 ng/ul
RT: 10.916 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

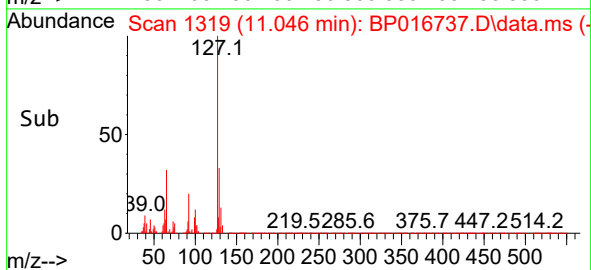
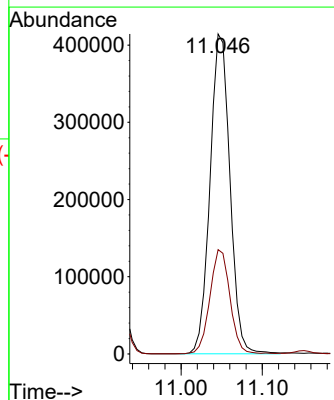
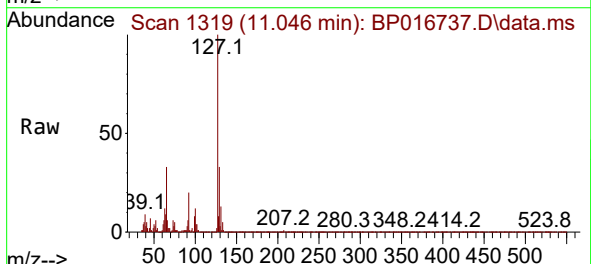
Instrument :
BNA_P
ClientSampleId :
SSTD020701

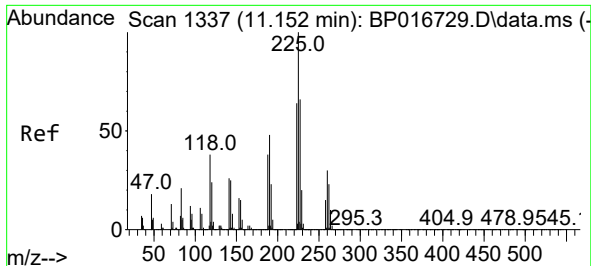
Tgt Ion:128 Resp: 1663392
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 20.068 ng/ul
RT: 11.046 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:127 Resp: 705925
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9

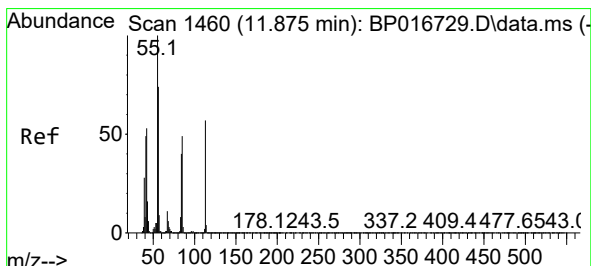
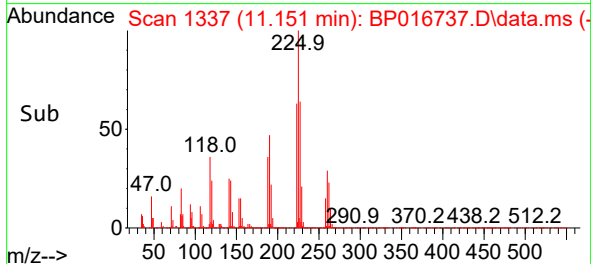
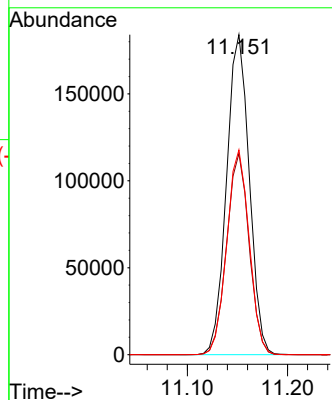
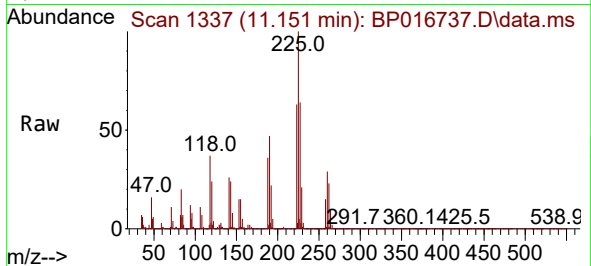




#33
Hexachlorobutadiene
Concen: 20.046 ng/ul
RT: 11.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

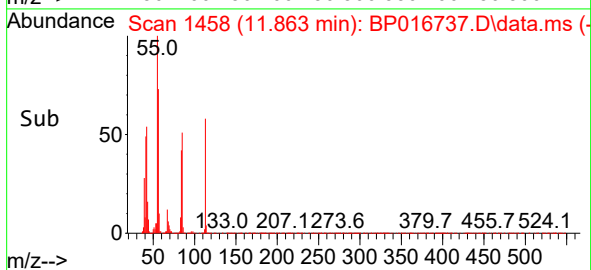
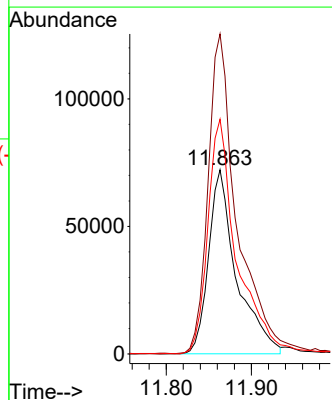
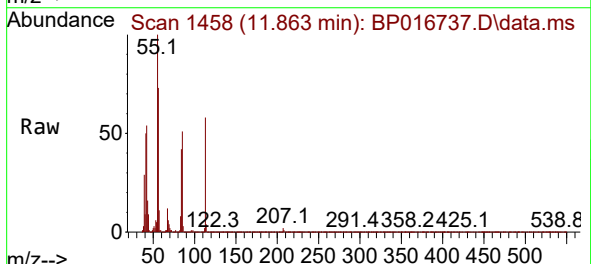
Instrument :
BNA_P
ClientSampleId :
SSTD020701

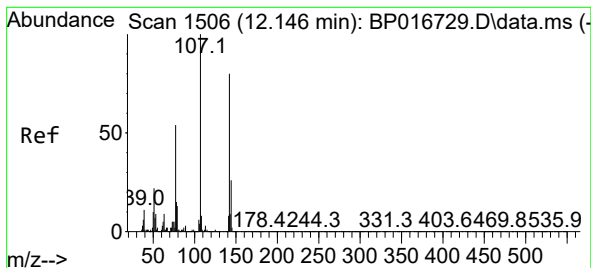
Tgt Ion:225 Resp: 289520
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.4
227 64.0 52.5 78.7



#34
Caprolactam
Concen: 19.076 ng/ul
RT: 11.863 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:113 Resp: 164946
Ion Ratio Lower Upper
113 100
55 173.7 140.6 210.8
56 127.4 104.5 156.7

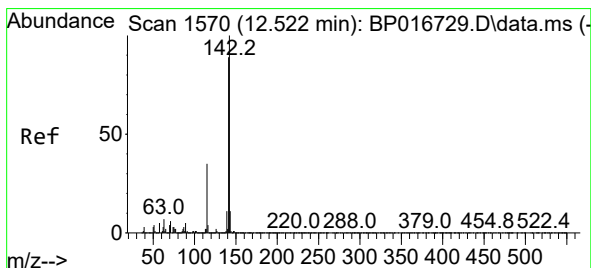
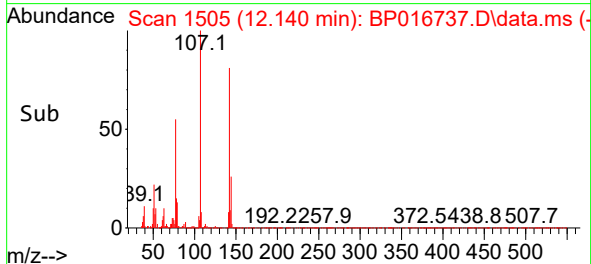
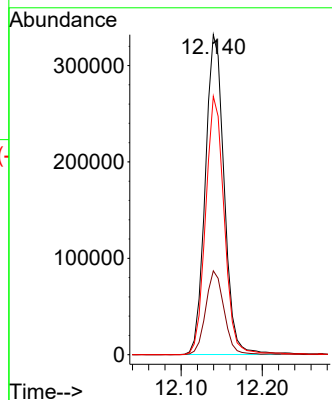
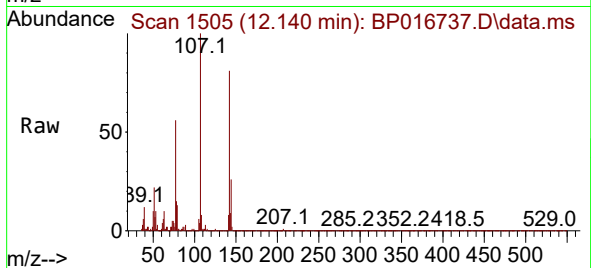




#35
4-Chloro-3-methylphenol
Concen: 20.294 ng/ul
RT: 12.140 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

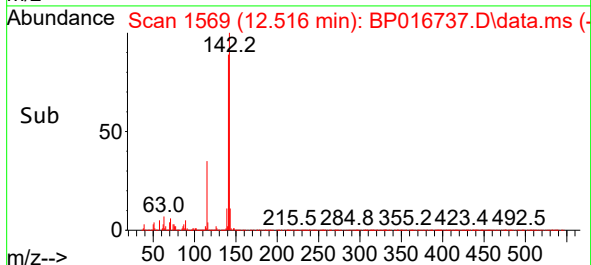
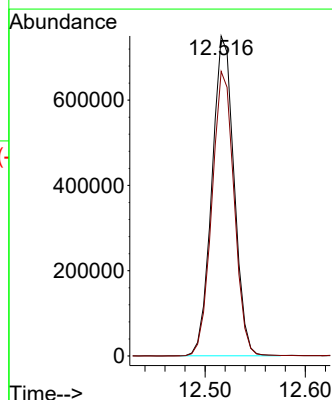
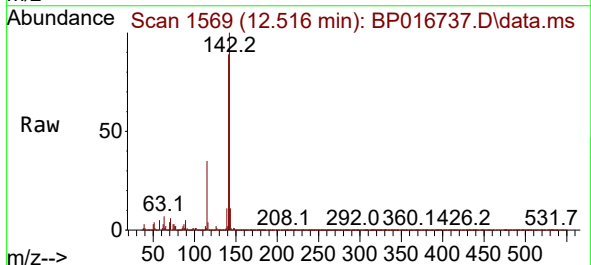
Instrument :
BNA_P
ClientSampleId :
SSTD020701

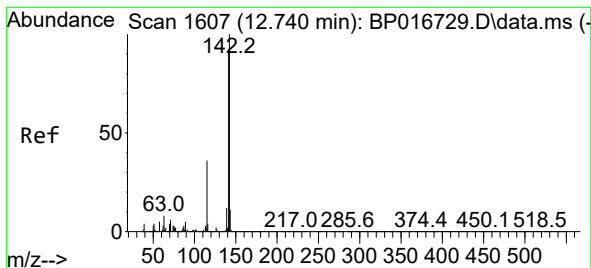
Tgt Ion:107 Resp: 533572
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 80.7 63.7 95.5



#36
2-Methylnaphthalene
Concen: 20.474 ng/ul
RT: 12.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:142 Resp: 1150035
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





#37

1-Methylnaphthalene

Concen: 20.619 ng/ul

RT: 12.740 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

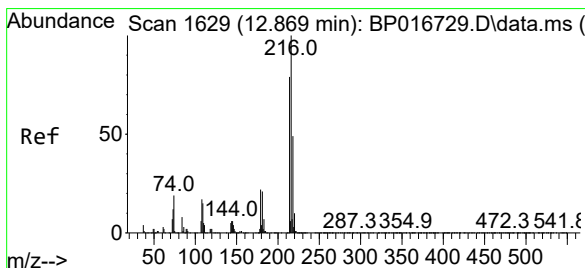
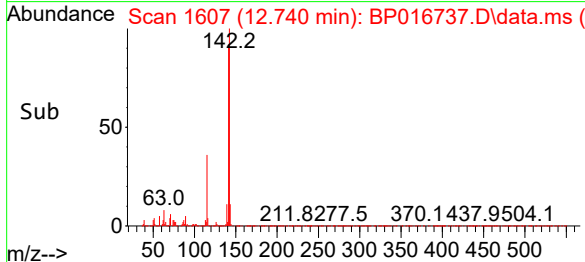
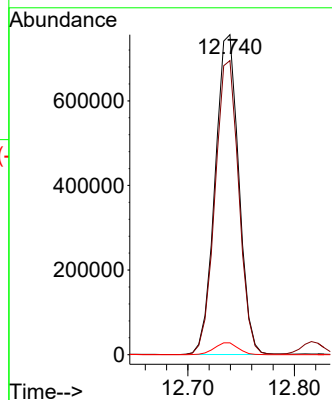
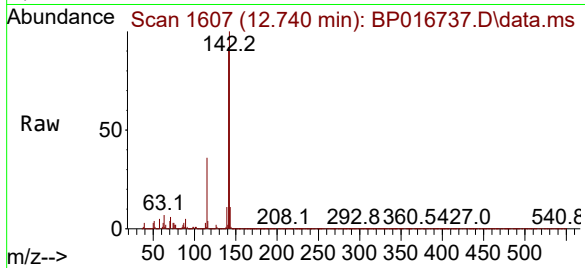
Tgt Ion:142 Resp: 1167917

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.4

116 3.7 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.104 ng/ul

RT: 12.869 min Scan# 1629

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Tgt Ion:216 Resp: 577257

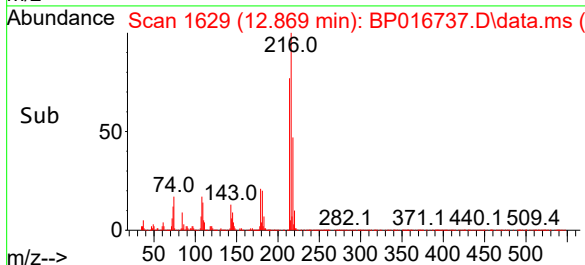
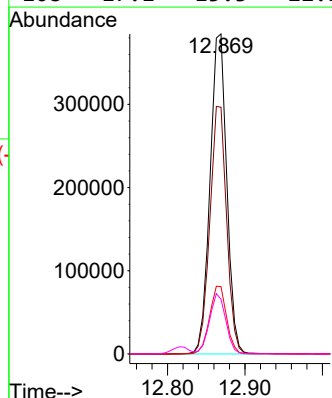
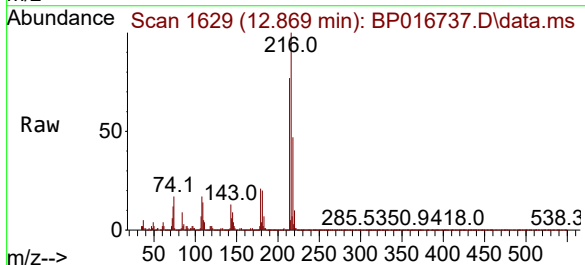
Ion Ratio Lower Upper

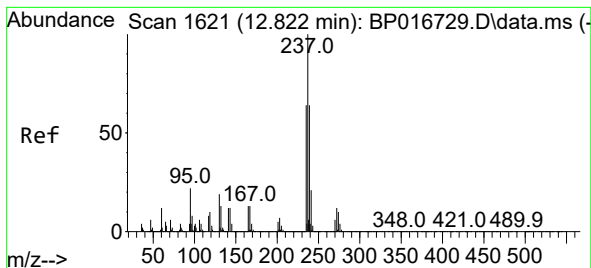
216 100

214 77.1 63.4 95.2

179 21.0 17.4 26.2

108 17.1 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 15.551 ng/ul

RT: 12.816 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

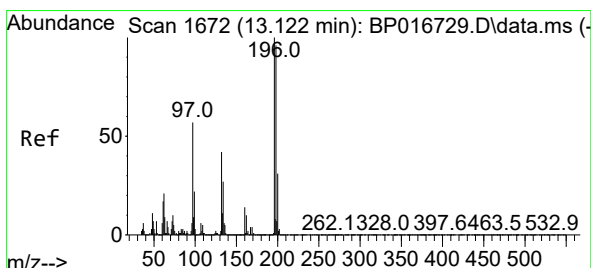
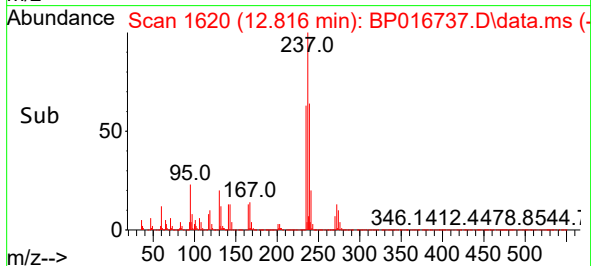
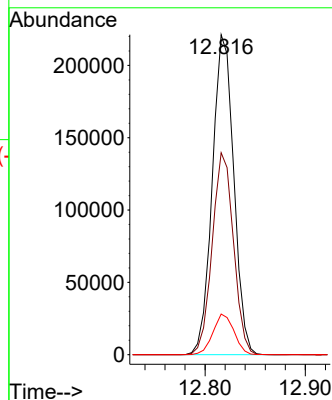
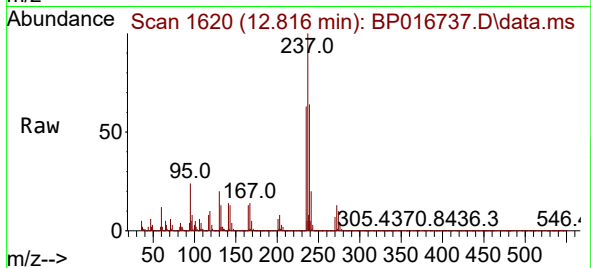
Tgt Ion:237 Resp: 328374

Ion Ratio Lower Upper

237 100

235 63.1 51.3 76.9

272 12.7 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 20.030 ng/ul

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

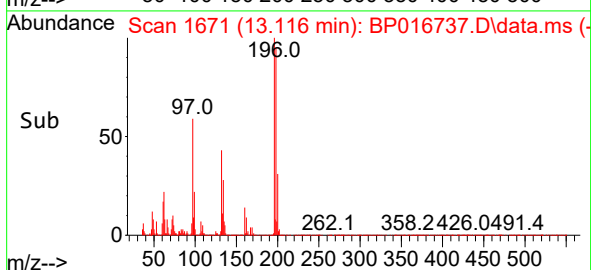
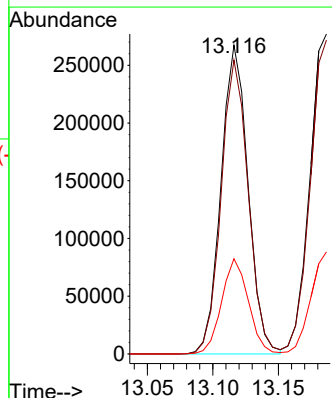
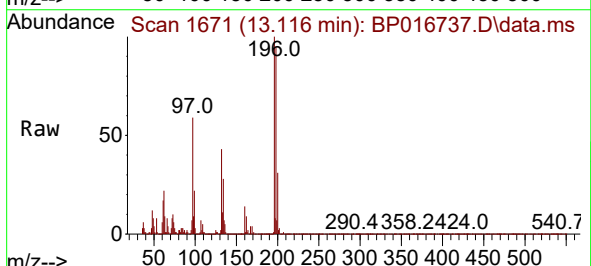
Tgt Ion:196 Resp: 384063

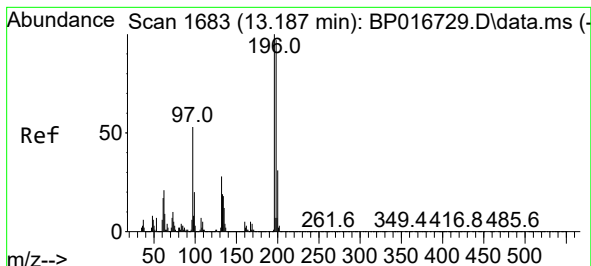
Ion Ratio Lower Upper

196 100

198 95.2 76.6 115.0

200 30.8 25.2 37.8

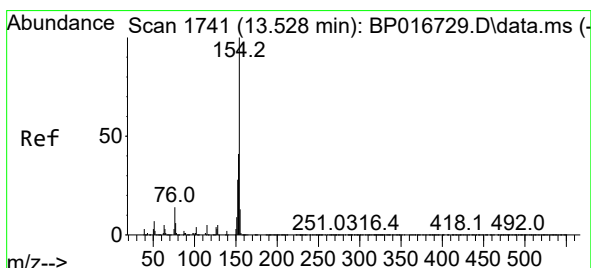
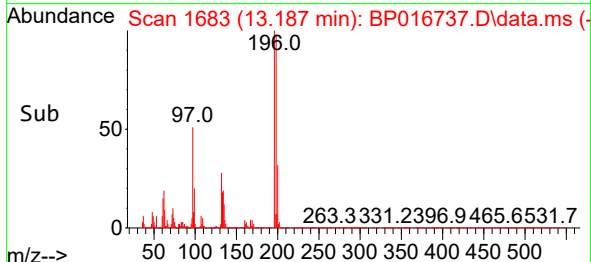
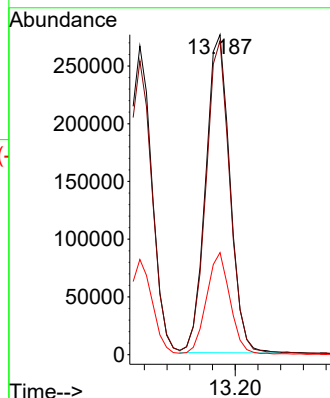
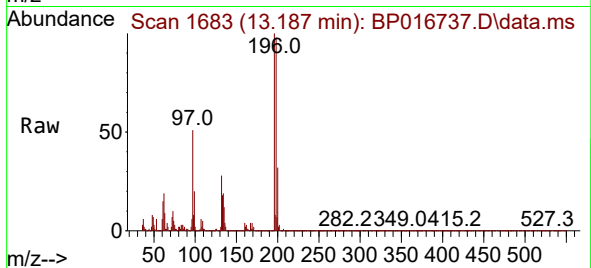




#42
2,4,5-Trichlorophenol
Concen: 19.712 ng/ul
RT: 13.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

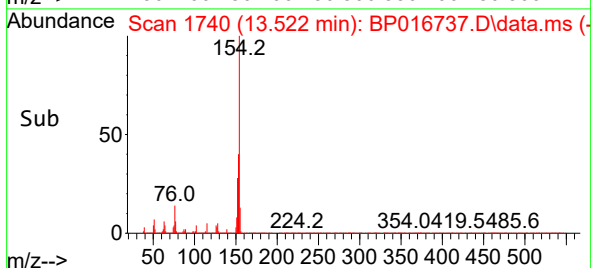
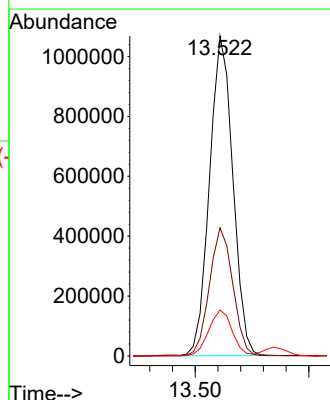
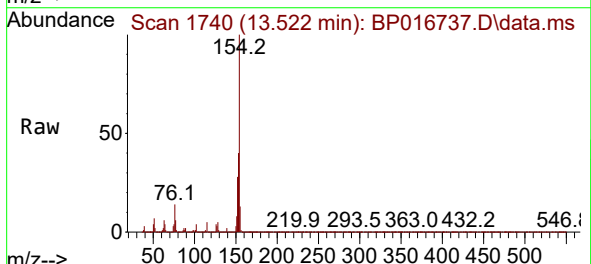
Instrument :
BNA_P
ClientSampleId :
SSTD020701

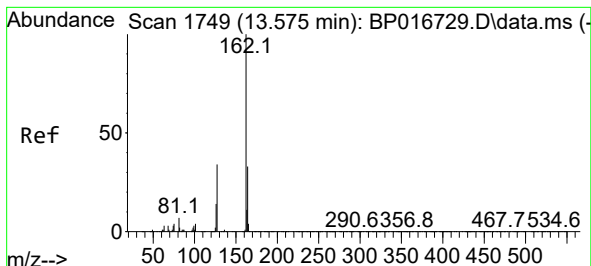
Tgt Ion:196 Resp: 408999
Ion Ratio Lower Upper
196 100
198 98.1 77.8 116.8
200 31.9 24.8 37.2



#43
1,1'-Biphenyl
Concen: 20.325 ng/ul
RT: 13.522 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:154 Resp: 1522452
Ion Ratio Lower Upper
154 100
153 40.1 32.7 49.1
76 14.4 11.3 16.9





#44

2-Chloronaphthalene

Concen: 20.311 ng/ul

RT: 13.569 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

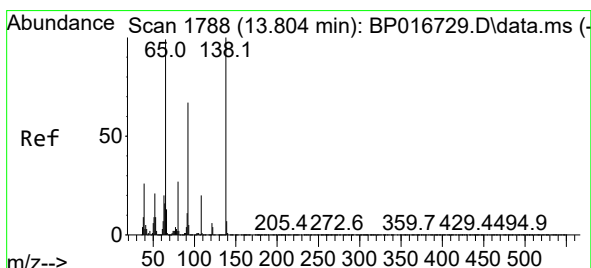
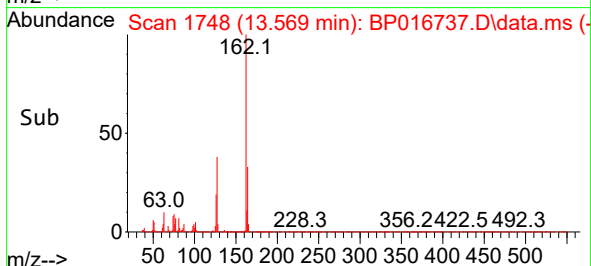
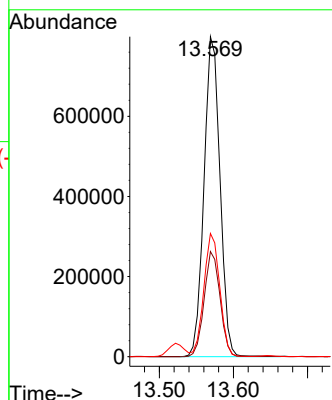
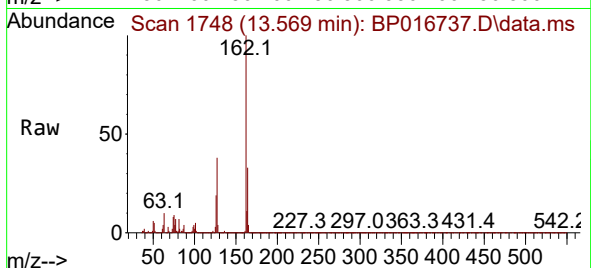
Tgt Ion:162 Resp: 1201032

Ion Ratio Lower Upper

162 100

164 32.8 26.1 39.1

127 38.5 30.8 46.2



#45

2-Nitroaniline

Concen: 19.999 ng/ul

RT: 13.798 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

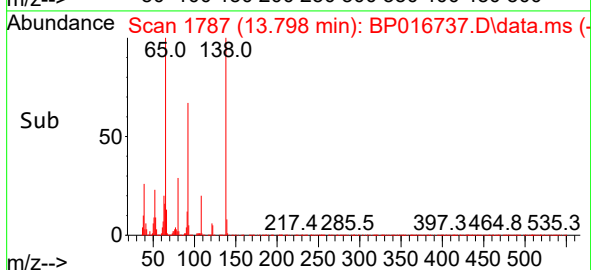
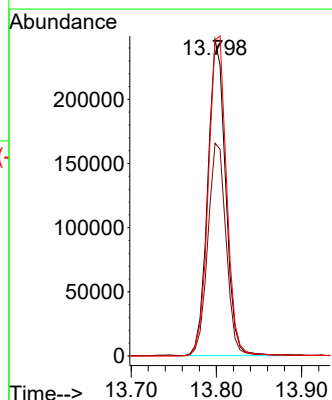
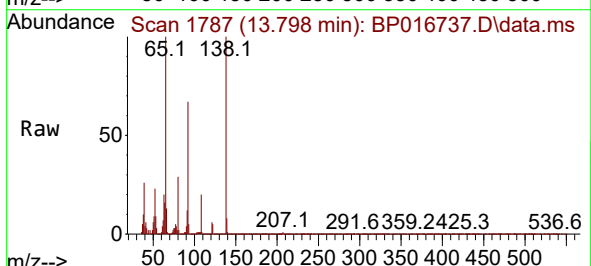
Tgt Ion: 65 Resp: 358637

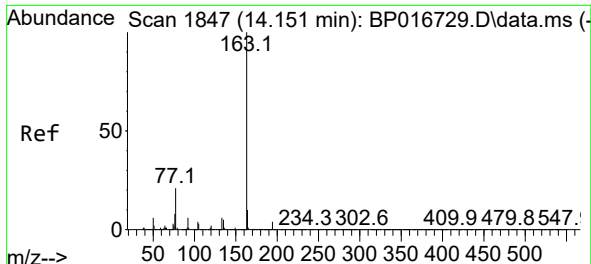
Ion Ratio Lower Upper

65 100

92 67.2 53.8 80.8

138 99.8 80.7 121.1

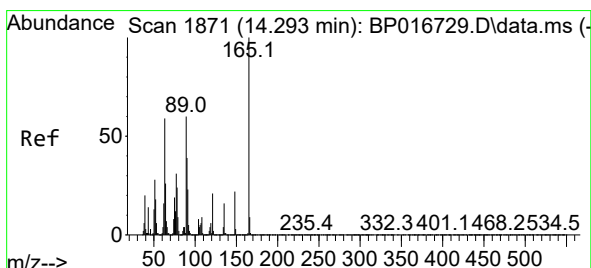
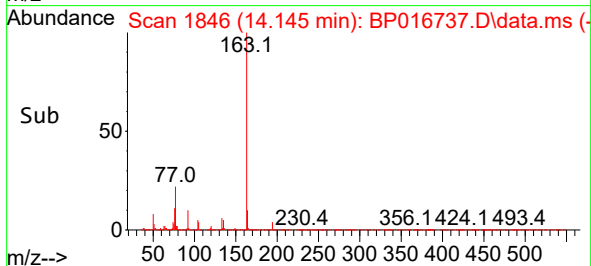
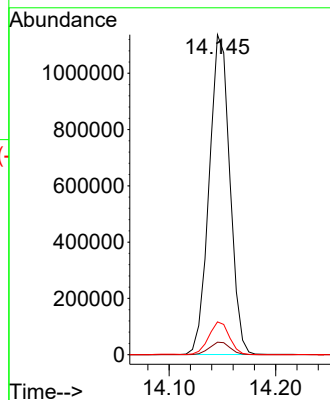
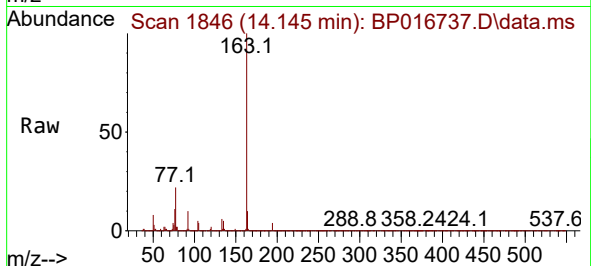




#47
Dimethylphthalate
Concen: 19.904 ng/ul
RT: 14.145 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

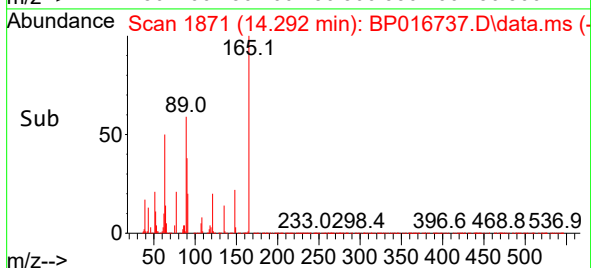
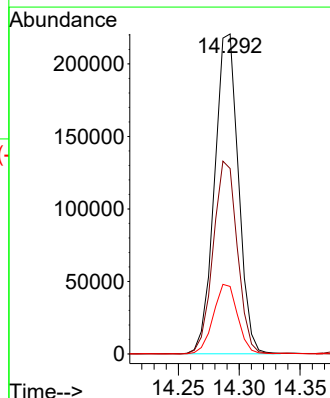
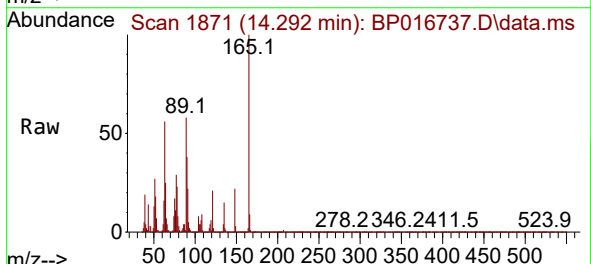
Instrument :
BNA_P
ClientSampleId :
SSTD020701

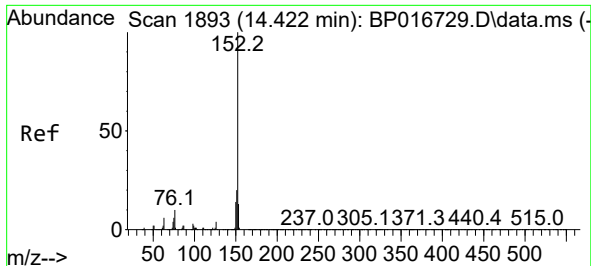
Tgt Ion:163 Resp: 1531513
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 19.965 ng/ul
RT: 14.292 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:165 Resp: 301015
Ion Ratio Lower Upper
165 100
89 57.9 48.0 72.0
121 21.1 16.9 25.3

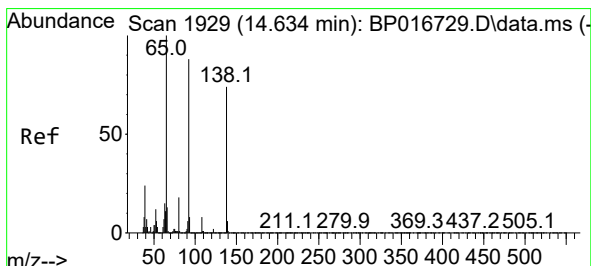
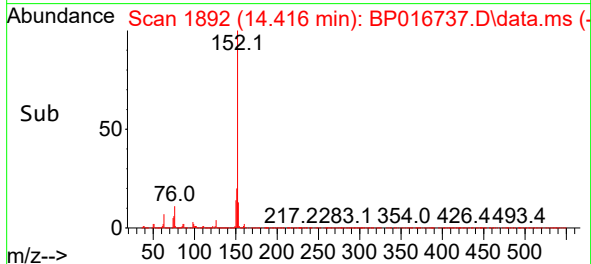
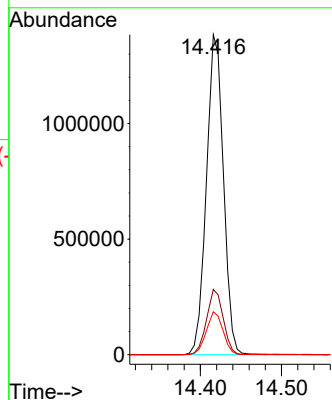
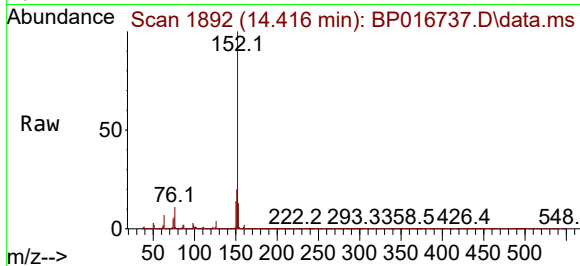




#50
Acenaphthylene
Concen: 20.446 ng/ul
RT: 14.416 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

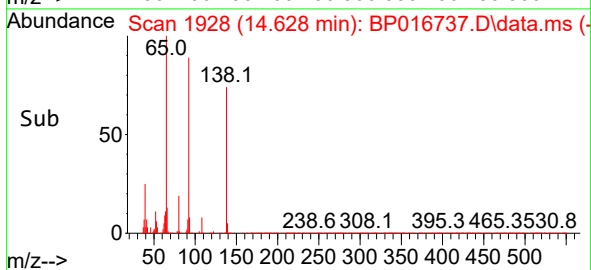
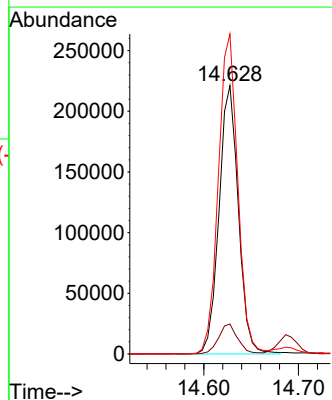
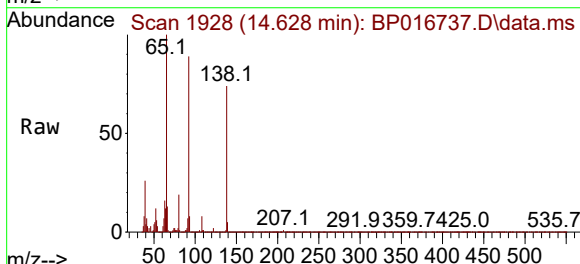
Instrument :
BNA_P
ClientSampleId :
SSTD020701

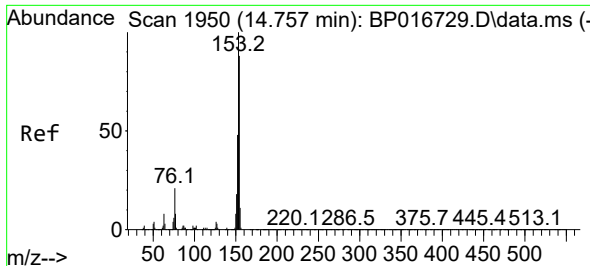
Tgt Ion:152 Resp: 2009943
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.4 10.6 15.8



#51
3-Nitroaniline
Concen: 19.996 ng/ul
RT: 14.628 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:138 Resp: 313926
Ion Ratio Lower Upper
138 100
108 11.2 8.2 12.4
92 119.3 95.4 143.0

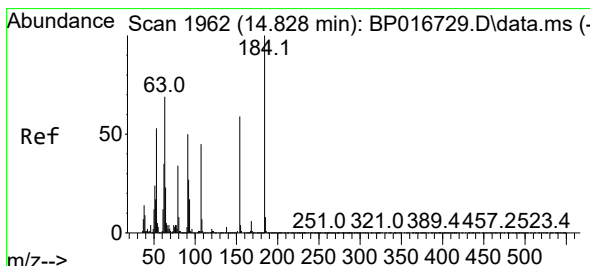
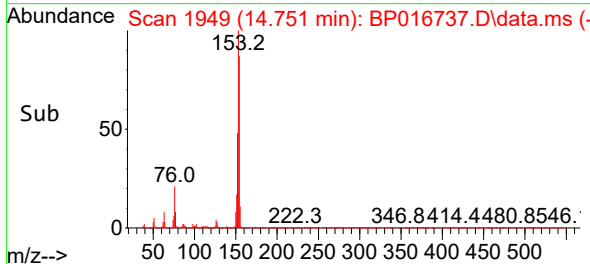
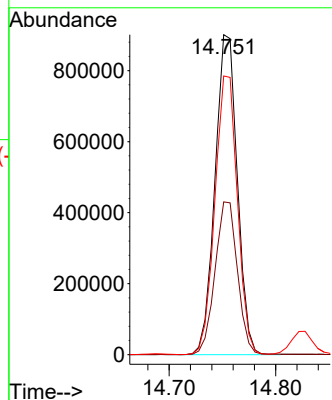
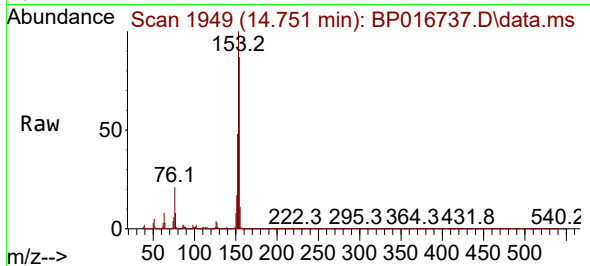




#52
Acenaphthene
Concen: 20.135 ng/ul
RT: 14.751 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

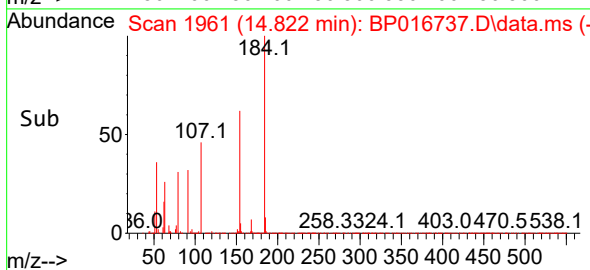
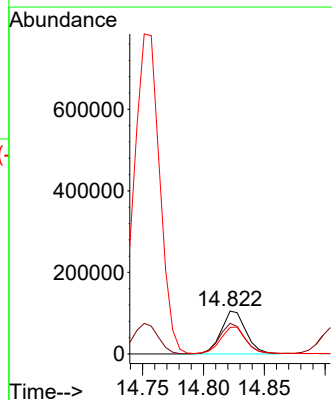
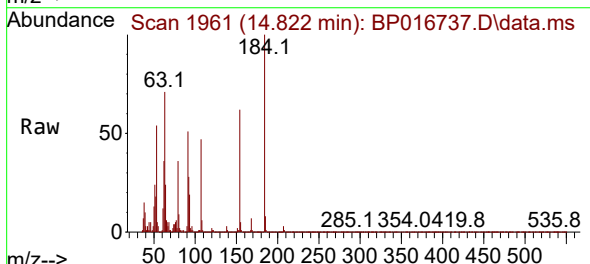
Instrument :
BNA_P
ClientSampleId :
SSTD020701

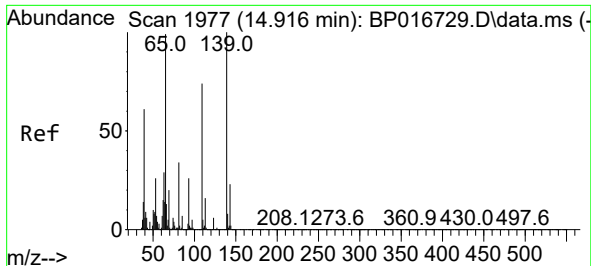
Tgt Ion:153 Resp: 1309470
Ion Ratio Lower Upper
153 100
152 47.8 38.5 57.7
154 87.1 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 13.662 ng/ul
RT: 14.822 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:184 Resp: 149676
Ion Ratio Lower Upper
184 100
63 71.2 55.3 82.9
154 62.0 50.3 75.5

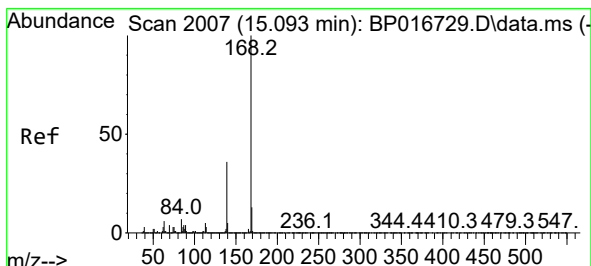
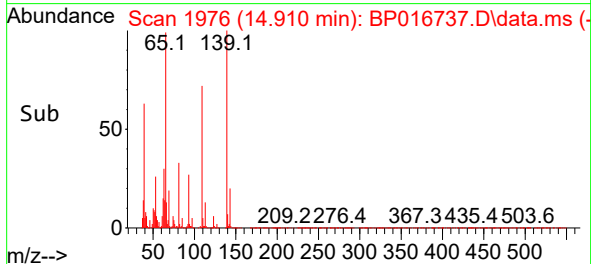
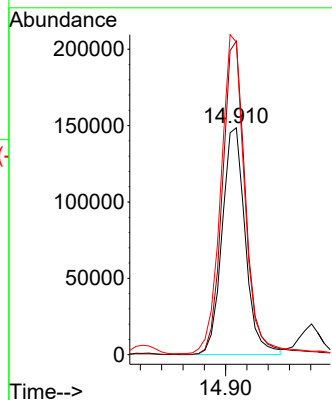
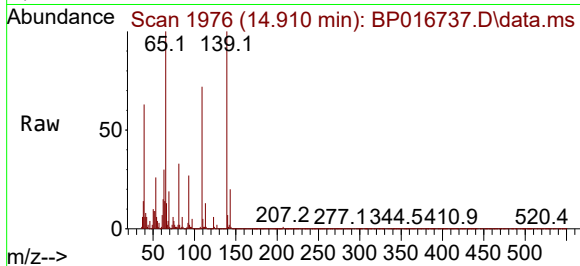




#55
4-Nitrophenol
Concen: 18.831 ng/ul
RT: 14.910 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

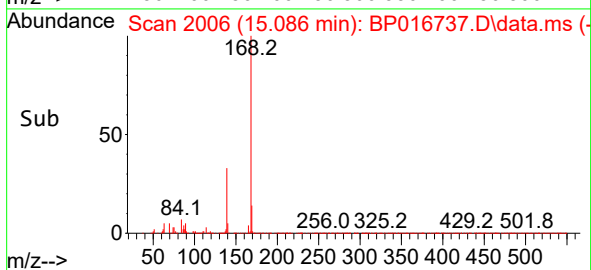
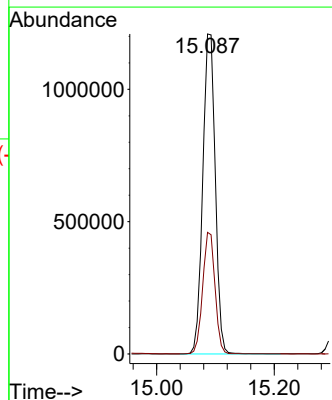
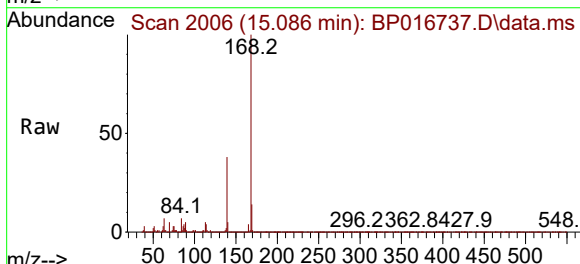
Instrument :
BNA_P
ClientSampleId :
SSTD020701

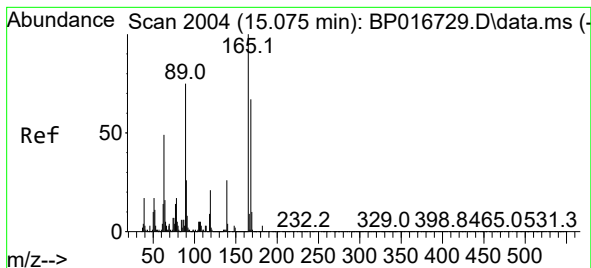
Tgt Ion:109 Resp: 223320
Ion Ratio Lower Upper
109 100
139 138.3 108.6 163.0
65 137.7 107.8 161.6



#56
Dibenzofuran
Concen: 20.027 ng/ul
RT: 15.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:168 Resp: 1787112
Ion Ratio Lower Upper
168 100
139 38.0 29.2 43.8





#57

2,4-Dinitrotoluene

Concen: 20.013 ng/ul

RT: 15.069 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

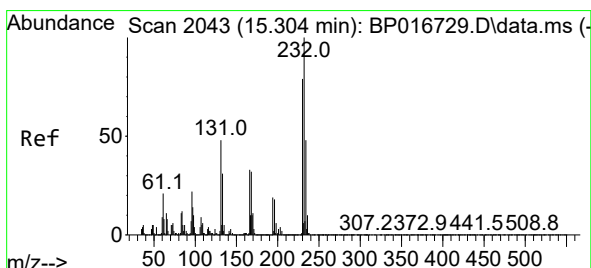
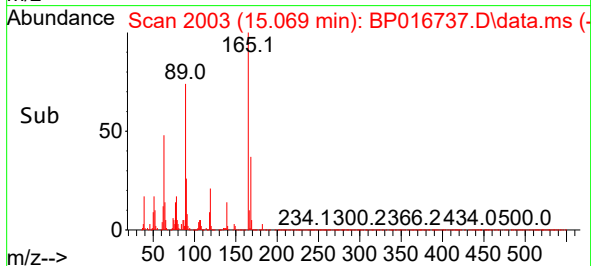
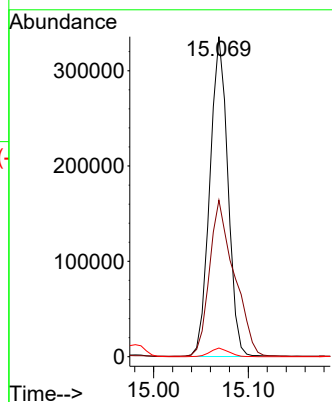
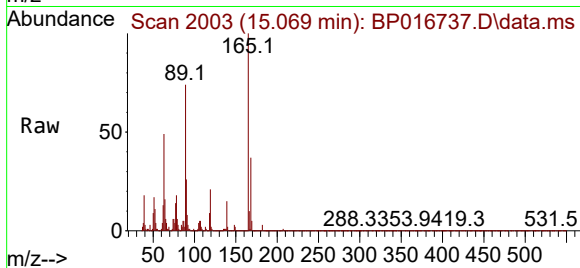
Tgt Ion:165 Resp: 444122

Ion Ratio Lower Upper

165 100

63 48.9 39.0 58.4

182 2.7 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.689 ng/ul

RT: 15.304 min Scan# 2043

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Tgt Ion:232 Resp: 347787

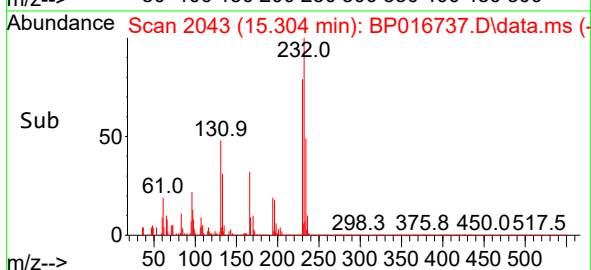
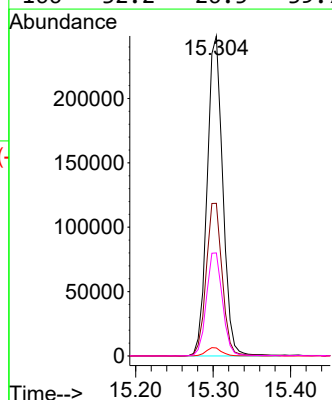
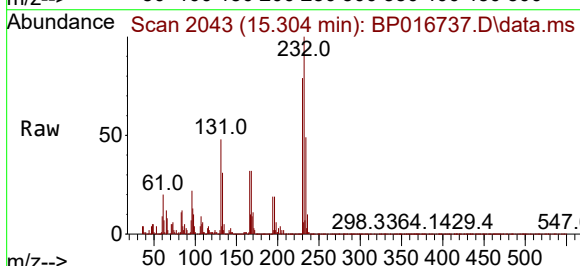
Ion Ratio Lower Upper

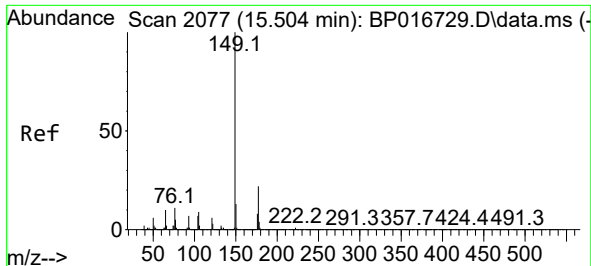
232 100

131 47.7 38.1 57.1

130 2.5 1.9 2.9

166 32.2 26.5 39.7

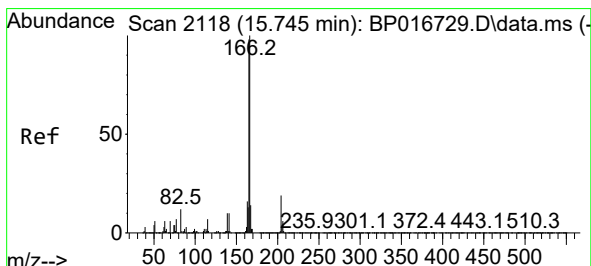
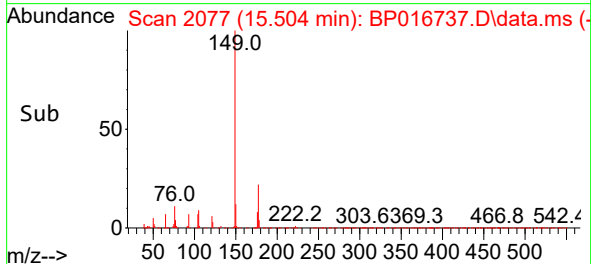
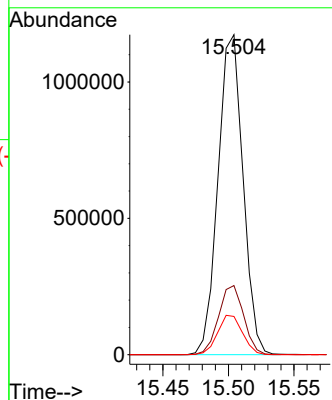
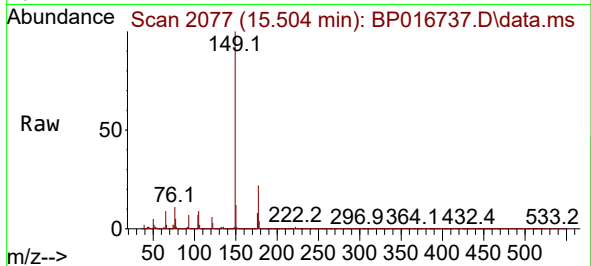




#59
Diethylphthalate
Concen: 19.881 ng/ul
RT: 15.504 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

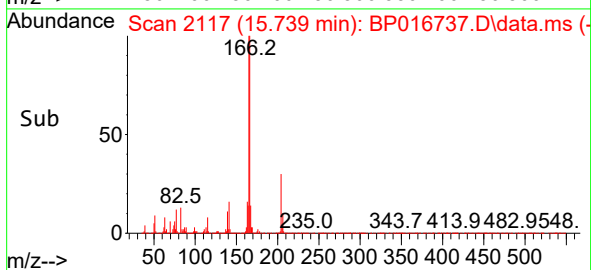
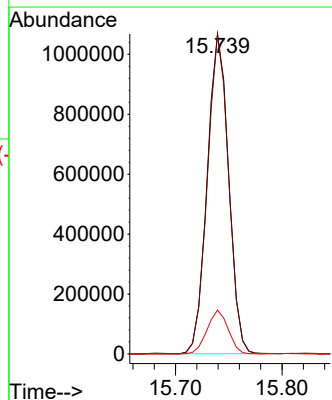
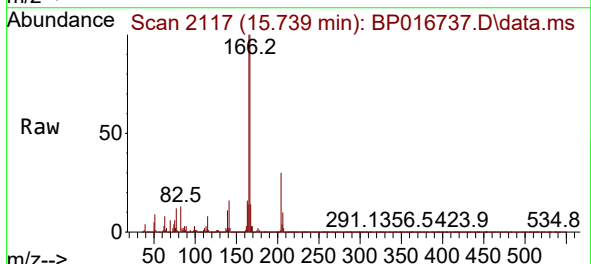
Instrument :
BNA_P
ClientSampleId :
SSTD020701

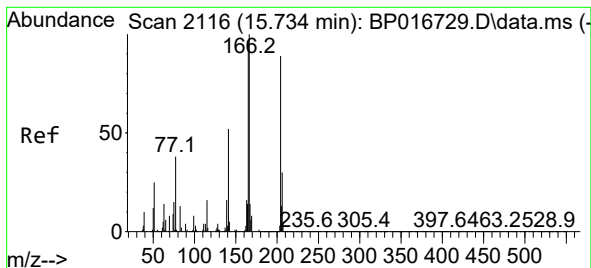
Tgt Ion:149 Resp: 1554077
Ion Ratio Lower Upper
149 100
177 21.6 17.3 25.9
150 11.9 10.2 15.2



#61
Fluorene
Concen: 19.966 ng/ul
RT: 15.739 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:166 Resp: 1490256
Ion Ratio Lower Upper
166 100
165 99.9 78.8 118.2
167 13.7 10.9 16.3

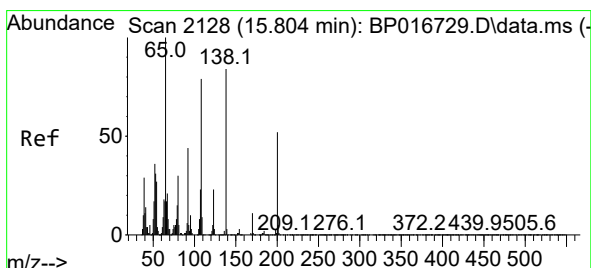
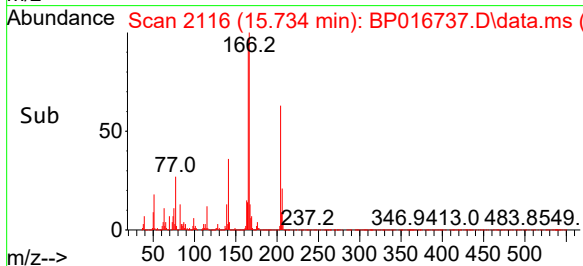
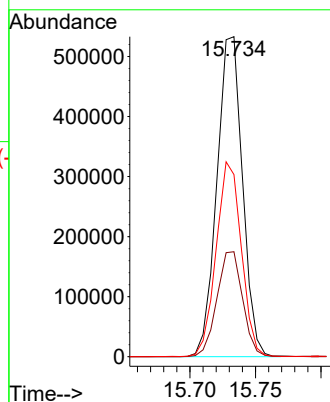
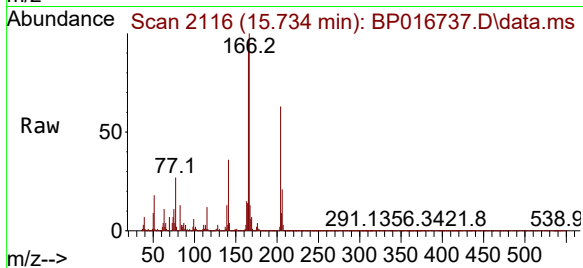




#62
4-Chlorophenyl-phenylether
Concen: 19.754 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

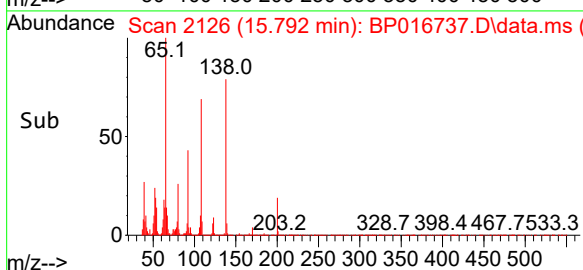
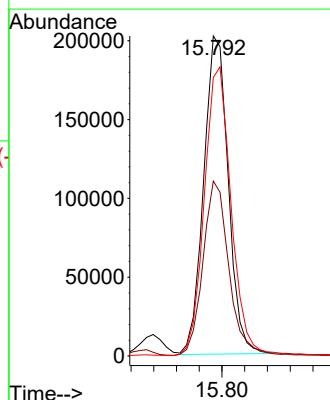
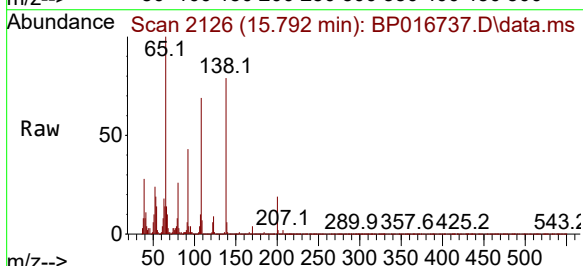
Instrument :
BNA_P
ClientSampleId :
SSTD020701

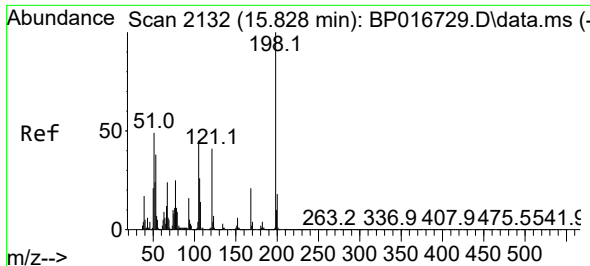
Tgt Ion:204 Resp: 723916
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 56.9 46.8 70.2



#63
4-Nitroaniline
Concen: 20.306 ng/ul
RT: 15.792 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:138 Resp: 303361
Ion Ratio Lower Upper
138 100
92 54.6 41.6 62.4
108 87.0 74.9 112.3

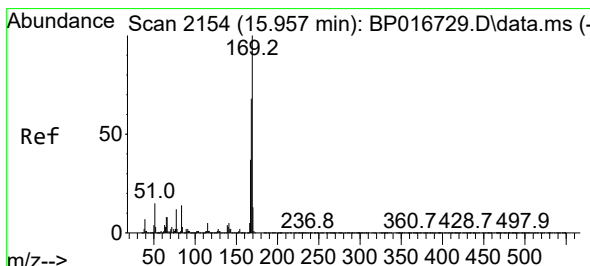
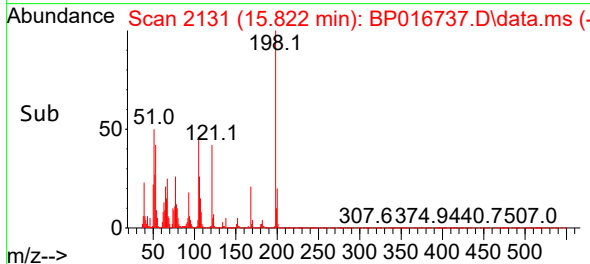
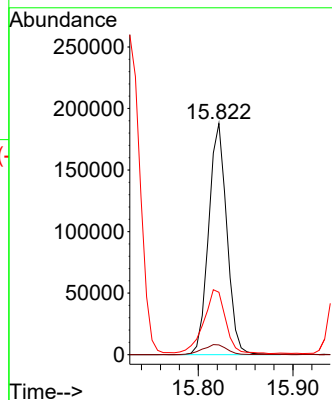
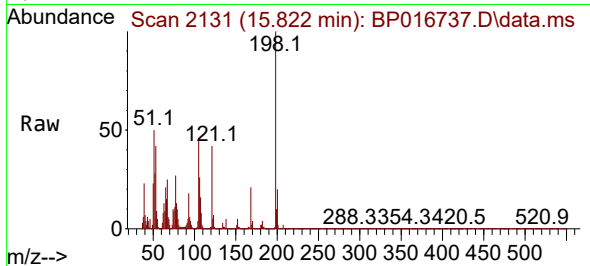




#66
4,6-Dinitro-2-methylphenol
Concen: 17.512 ng/ul
RT: 15.822 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

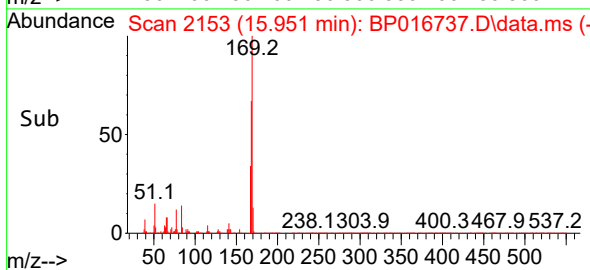
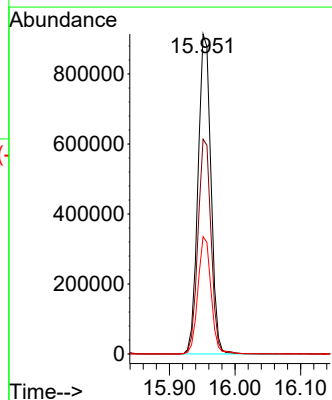
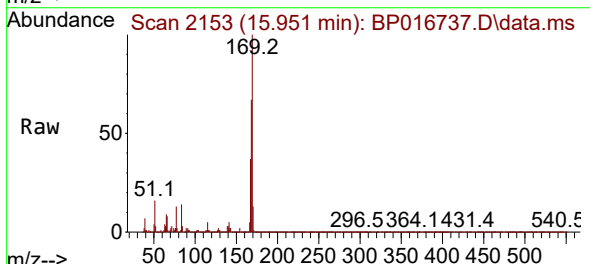
Instrument :
BNA_P
ClientSampleId :
SSTD020701

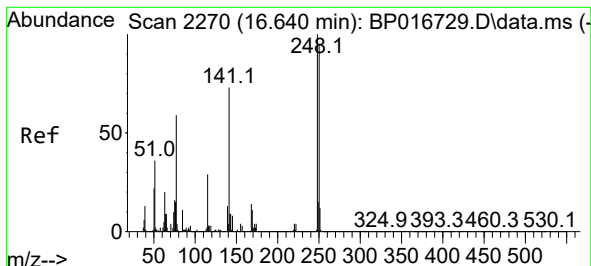
Tgt Ion:198 Resp: 250306
Ion Ratio Lower Upper
198 100
182 4.2 3.2 4.8
77 27.0 20.7 31.1



#67
N-Nitrosodiphenylamine
Concen: 20.365 ng/ul
RT: 15.951 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:169 Resp: 1253914
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 36.6 29.4 44.2

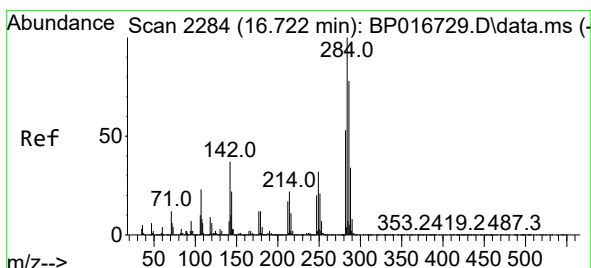
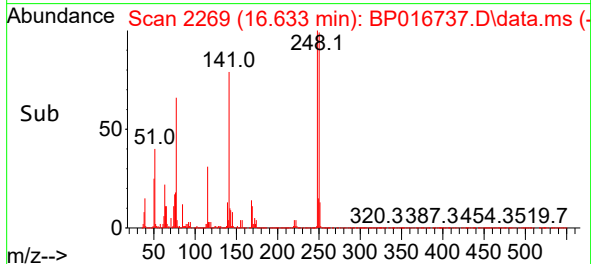
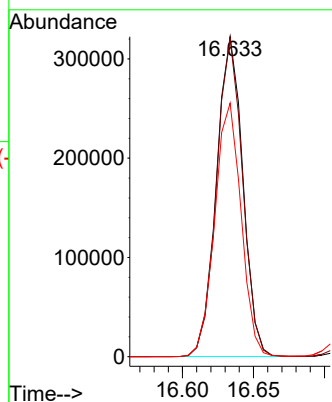
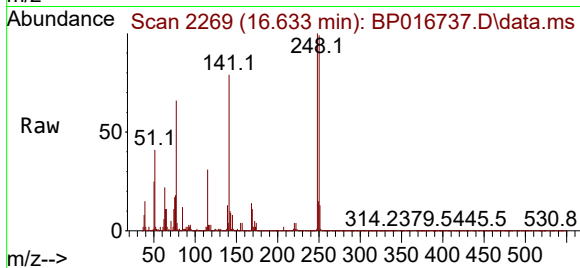




#68
4-Bromophenyl-phenylether
Concen: 19.559 ng/ul
RT: 16.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

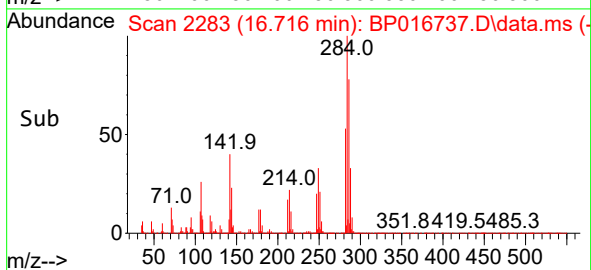
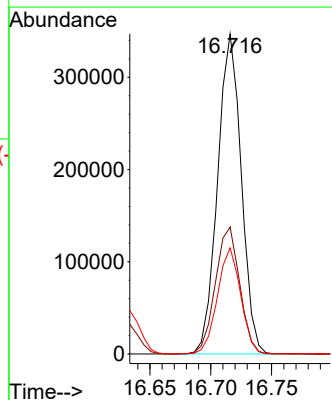
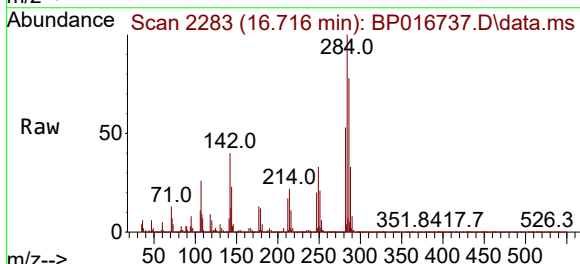
Instrument :
BNA_P
ClientSampleId :
SSTD020701

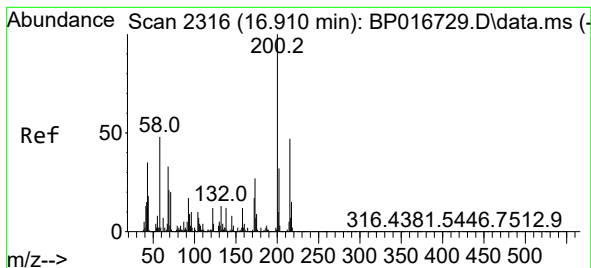
Tgt Ion:248 Resp: 417450
Ion Ratio Lower Upper
248 100
250 99.5 75.4 113.2
141 79.3 58.7 88.1



#69
Hexachlorobenzene
Concen: 19.624 ng/ul
RT: 16.716 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP016737.D
Acq: 24 Aug 2023 21:54

Tgt Ion:284 Resp: 468973
Ion Ratio Lower Upper
284 100
142 39.7 29.8 44.8
249 33.1 25.9 38.9





#70

Atrazine

Concen: 20.189 ng/ul

RT: 16.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

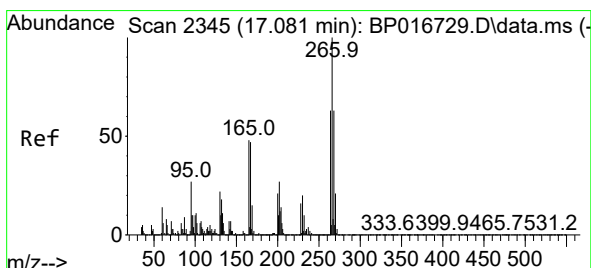
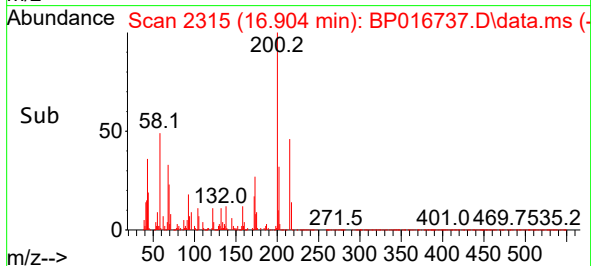
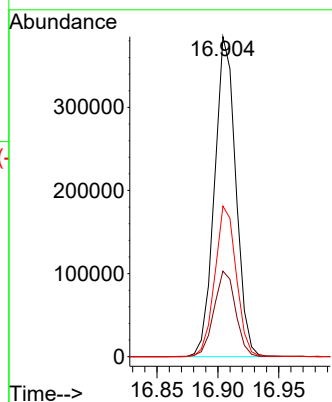
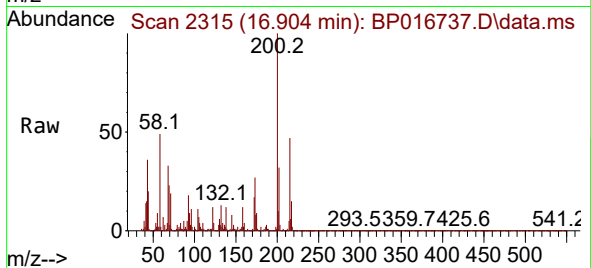
Tgt Ion:200 Resp: 468653

Ion Ratio Lower Upper

200 100

173 26.7 21.4 32.2

215 47.1 37.3 55.9



#71

Pentachlorophenol

Concen: 17.164 ng/ul

RT: 17.081 min Scan# 2345

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

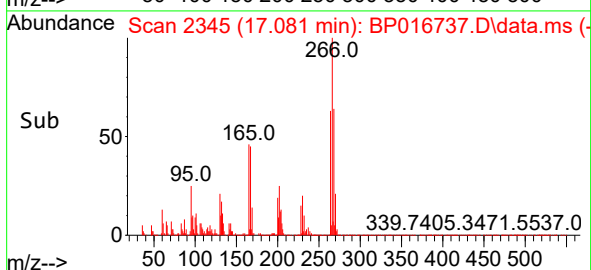
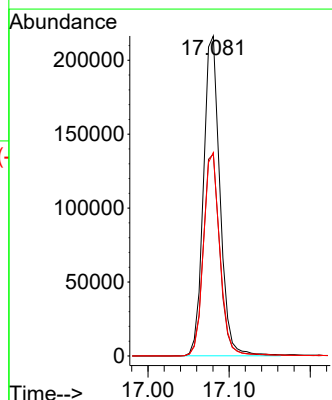
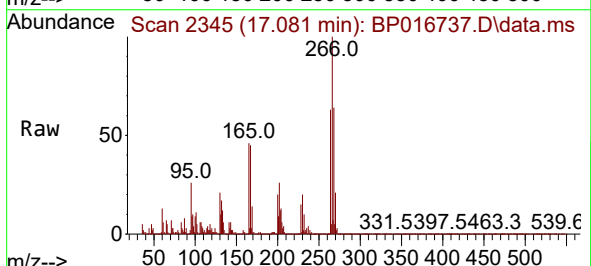
Tgt Ion:266 Resp: 304483

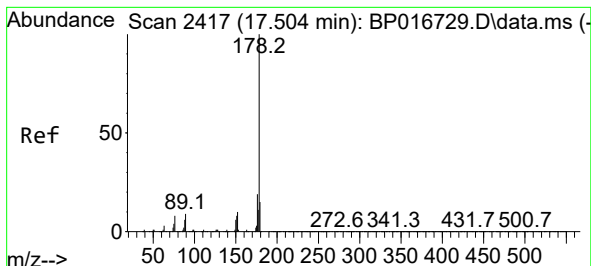
Ion Ratio Lower Upper

266 100

264 63.1 50.7 76.1

268 63.5 50.8 76.2





#72

Phenanthrene

Concen: 20.294 ng/ul

RT: 17.498 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

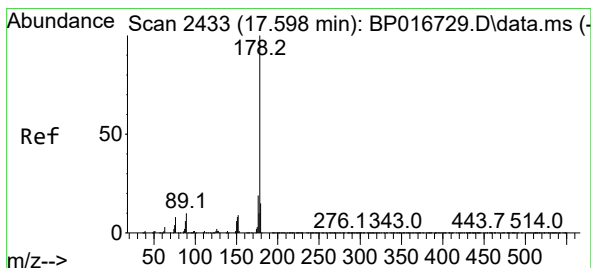
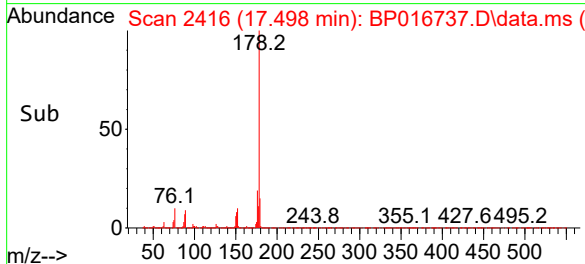
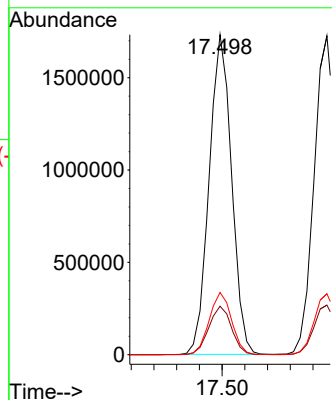
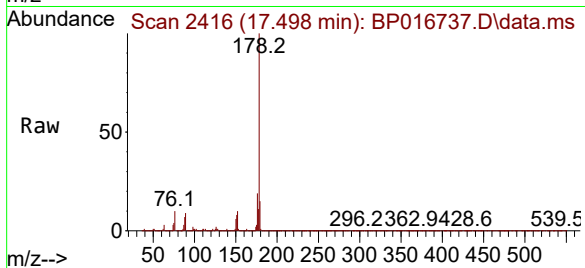
Tgt Ion:178 Resp: 2378364

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.5 15.6 23.4



#74

Anthracene

Concen: 20.366 ng/ul

RT: 17.592 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

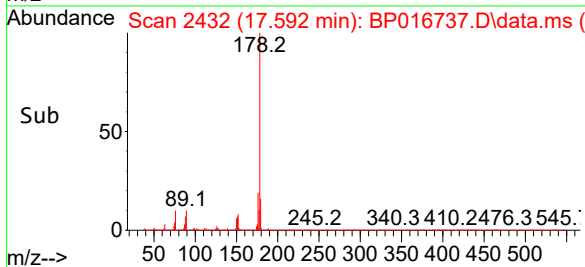
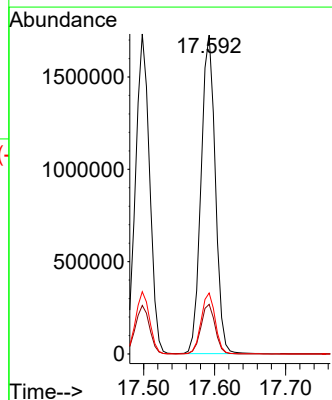
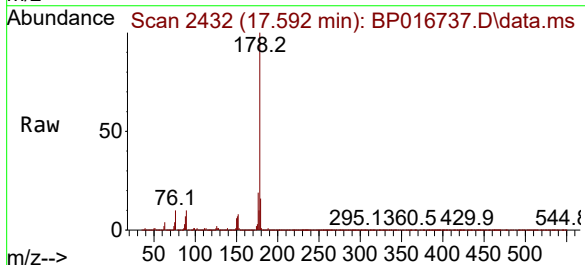
Tgt Ion:178 Resp: 2413418

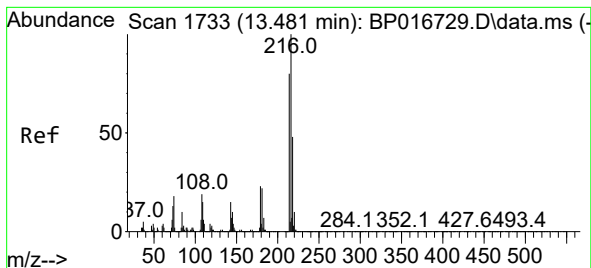
Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.1 15.3 22.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.409 ng/uL

RT: 13.481 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

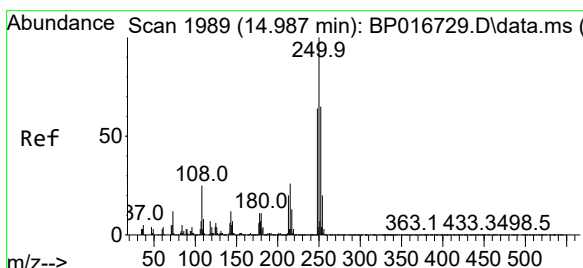
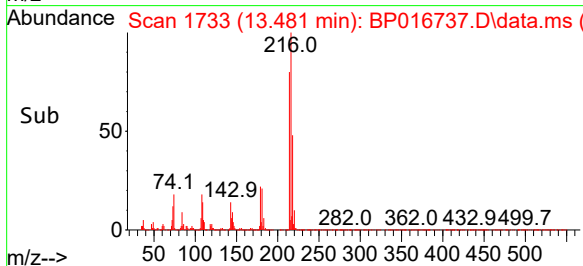
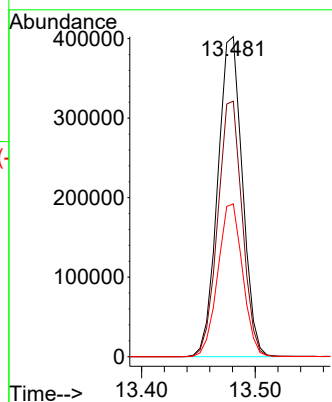
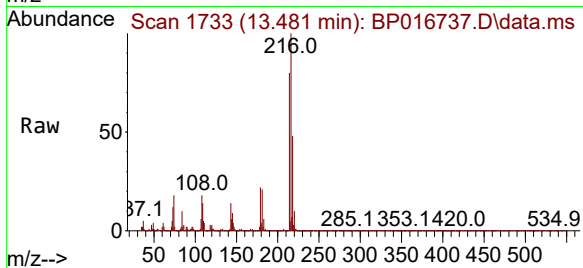
Tgt Ion:216 Resp: 608359

Ion Ratio Lower Upper

216 100

214 79.9 64.0 96.0

218 47.8 38.2 57.2



#76

Pentachlorobenzene

Concen: 20.181 ng/uL

RT: 14.981 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

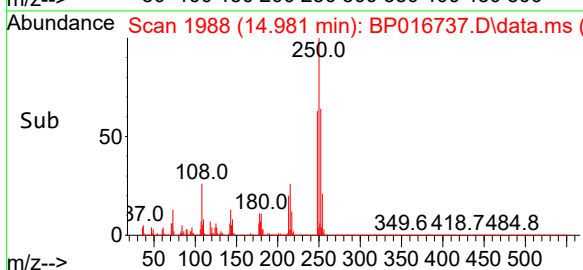
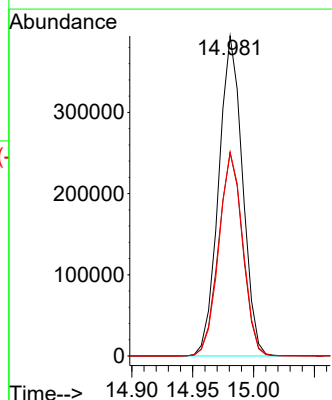
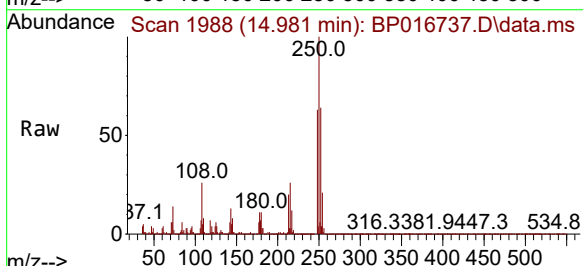
Tgt Ion:250 Resp: 537584

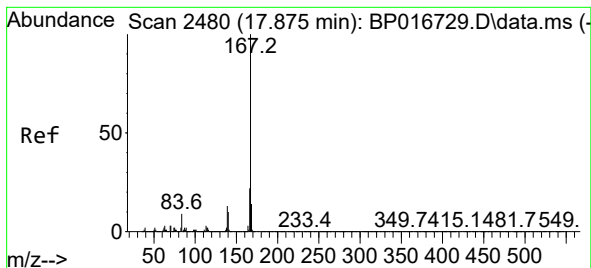
Ion Ratio Lower Upper

250 100

248 63.4 50.9 76.3

252 63.8 52.2 78.4





#77

Carbazole

Concen: 20.854 ng/ul

RT: 17.869 min Scan# 2480

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

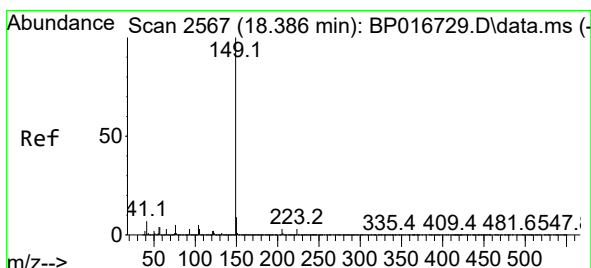
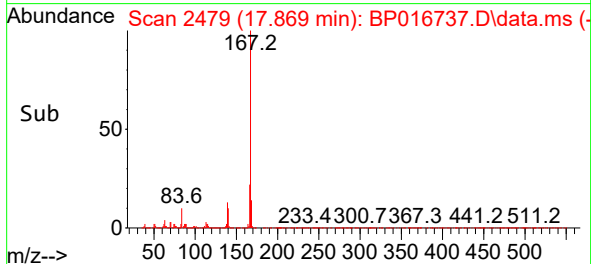
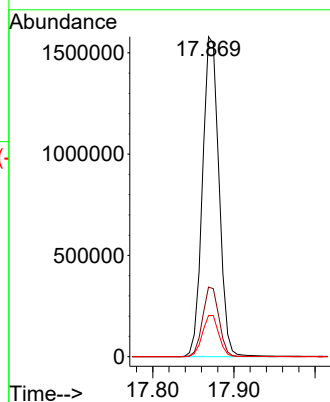
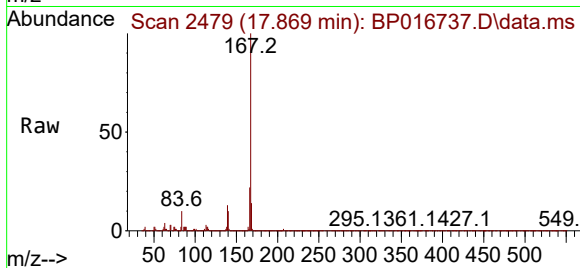
Tgt Ion:167 Resp: 2225696

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 12.9 10.4 15.6



#78

Di-n-butylphthalate

Concen: 20.432 ng/ul

RT: 18.380 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

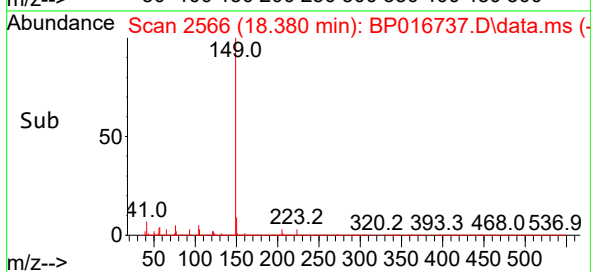
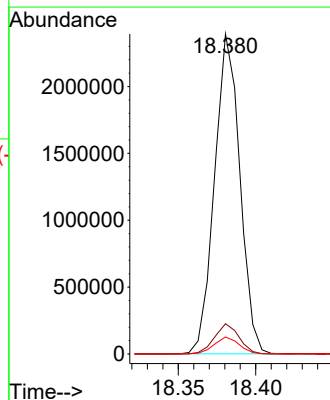
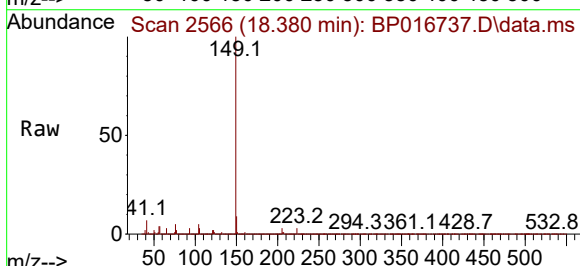
Tgt Ion:149 Resp: 2720500

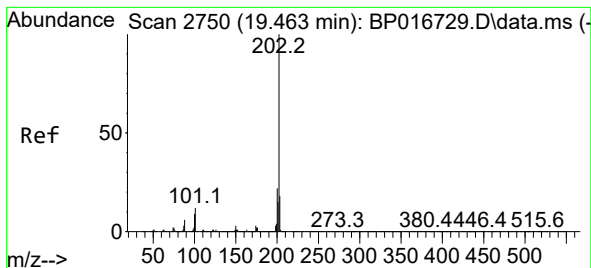
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.3 4.1 6.1





#80

Fluoranthene

Concen: 20.006 ng/ul

RT: 19.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

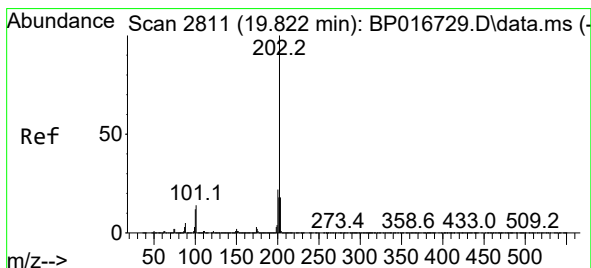
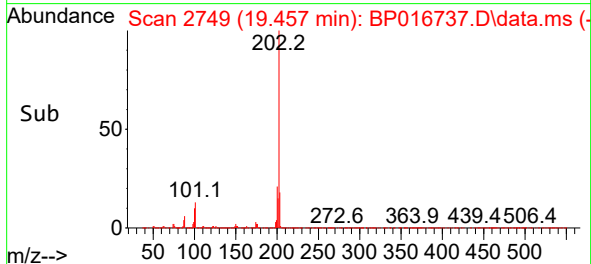
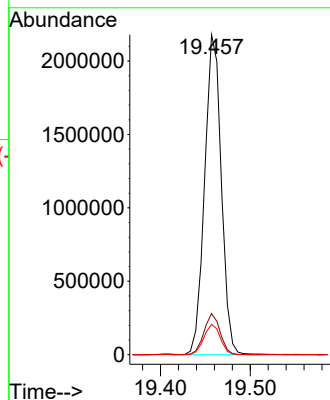
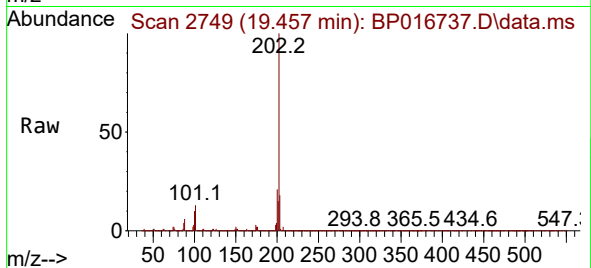
Tgt Ion:202 Resp: 2805816

Ion Ratio Lower Upper

202 100

101 12.8 9.7 14.5

100 9.5 7.4 11.2



#82

Pyrene

Concen: 20.155 ng/ul

RT: 19.816 min Scan# 2810

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

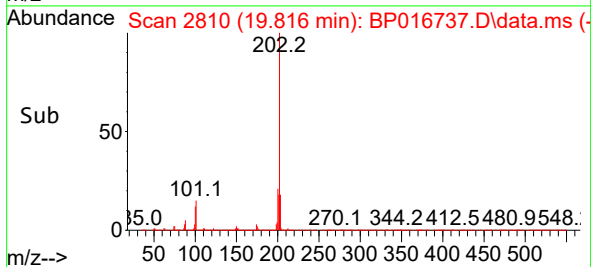
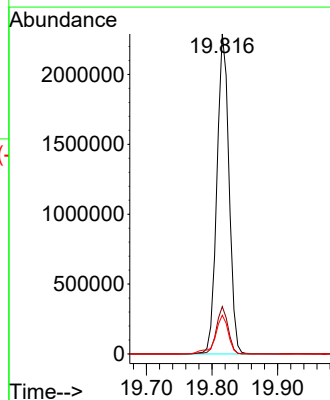
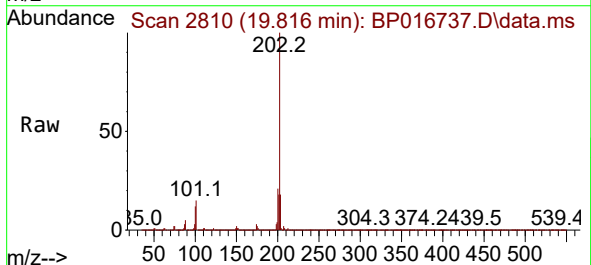
Tgt Ion:202 Resp: 2919949

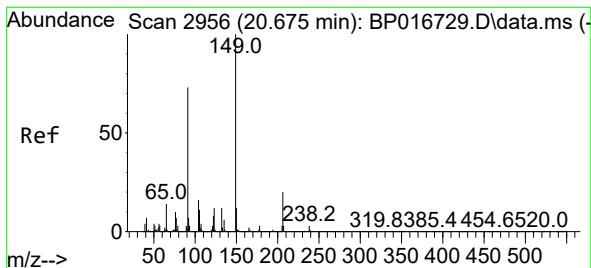
Ion Ratio Lower Upper

202 100

101 14.8 11.4 17.2

100 12.1 9.4 14.2





#83

Butylbenzylphthalate

Concen: 20.145 ng/ul

RT: 20.674 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

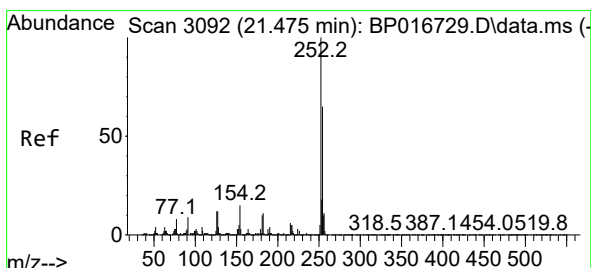
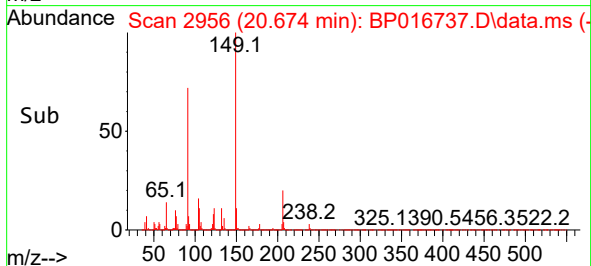
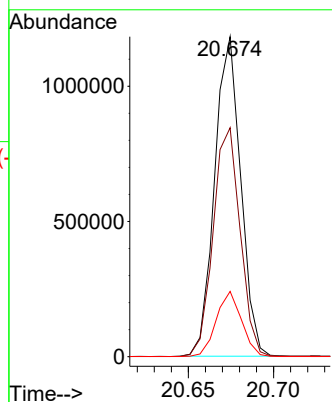
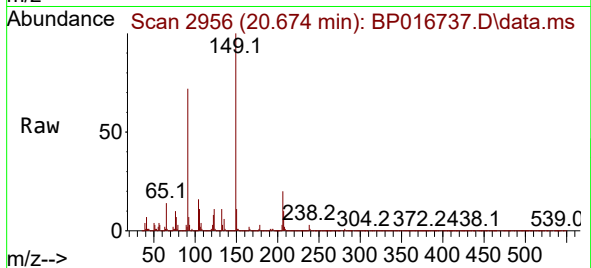
Tgt Ion:149 Resp: 1258647

Ion Ratio Lower Upper

149 100

91 71.6 58.5 87.7

206 20.4 16.1 24.1



#84

3,3'-Dichlorobenzidine

Concen: 19.640 ng/ul

RT: 21.469 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

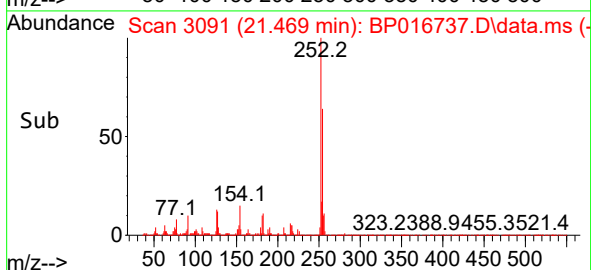
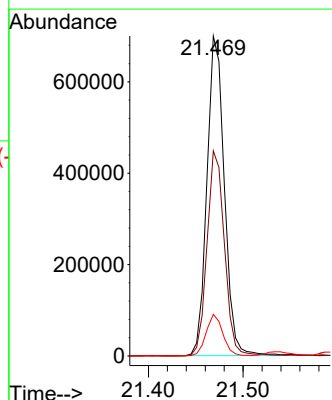
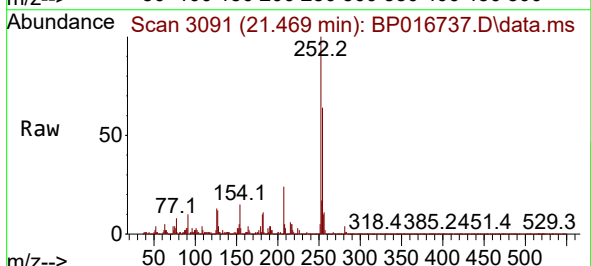
Tgt Ion:252 Resp: 892390

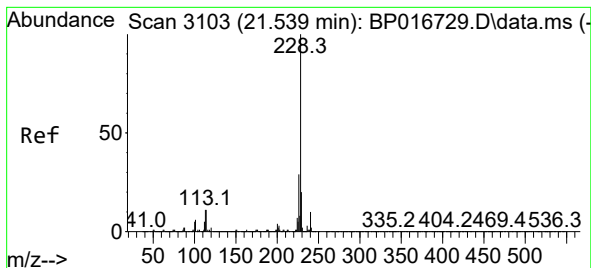
Ion Ratio Lower Upper

252 100

254 64.1 52.1 78.1

126 13.0 9.6 14.4





#85

Benzo(a)anthracene

Concen: 20.266 ng/ul

RT: 21.533 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

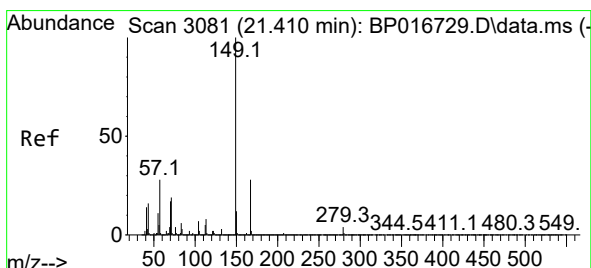
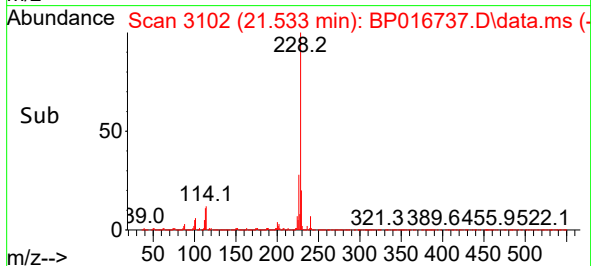
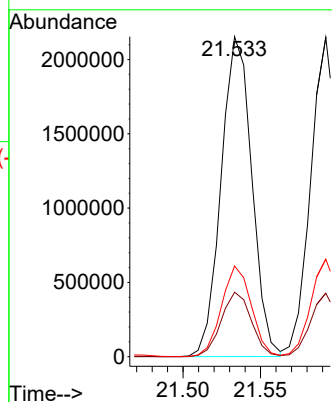
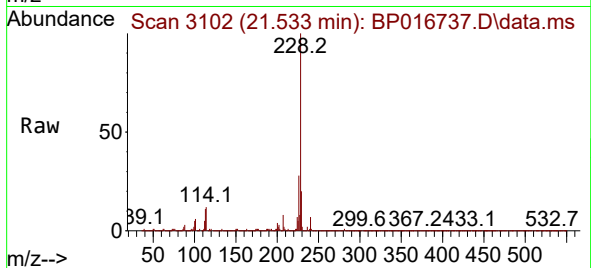
Tgt Ion:228 Resp: 2967550

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.4

226 28.3 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.406 ng/ul

RT: 21.410 min Scan# 3081

Delta R.T. -0.000 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

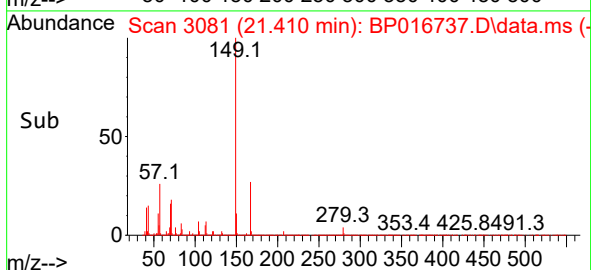
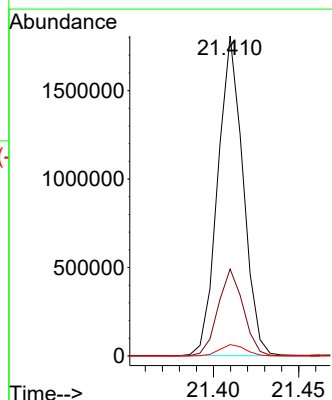
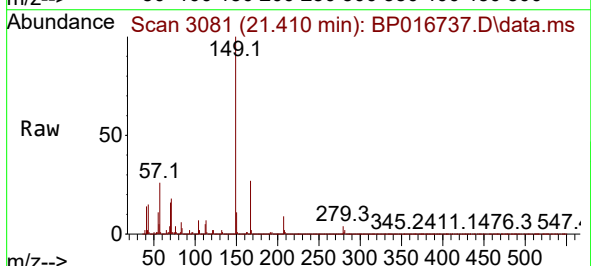
Tgt Ion:149 Resp: 1861597

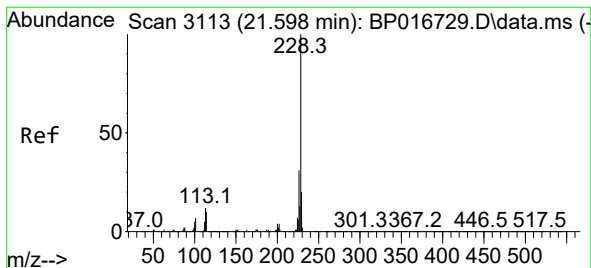
Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

279 3.6 3.0 4.4





#87

Chrysene

Concen: 20.576 ng/ul

RT: 21.592 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

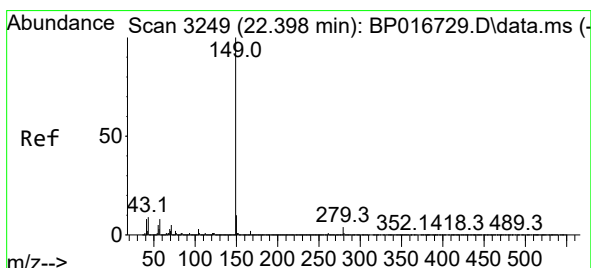
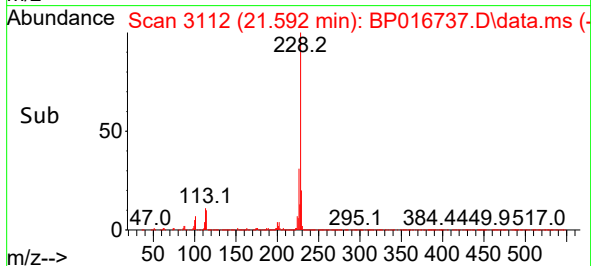
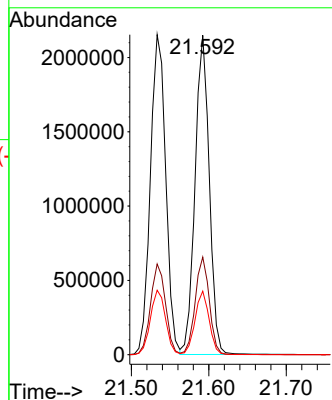
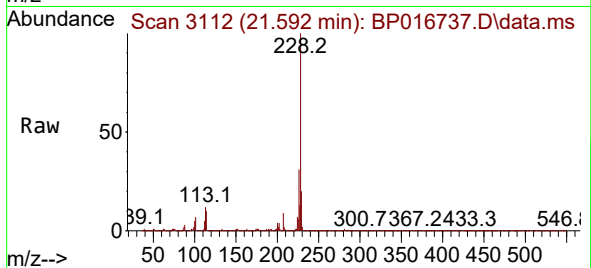
Tgt Ion:228 Resp: 2736800

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

229 19.9 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 19.082 ng/ul

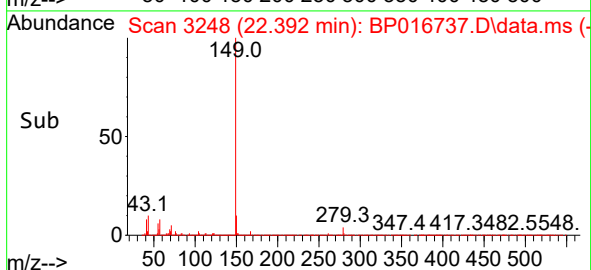
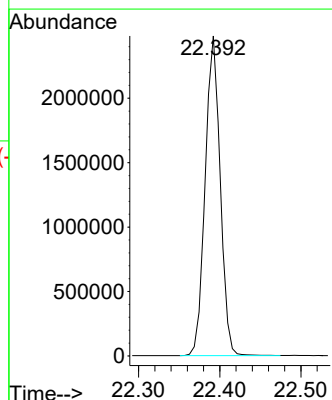
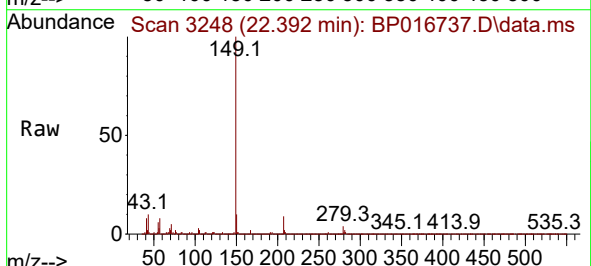
RT: 22.392 min Scan# 3248

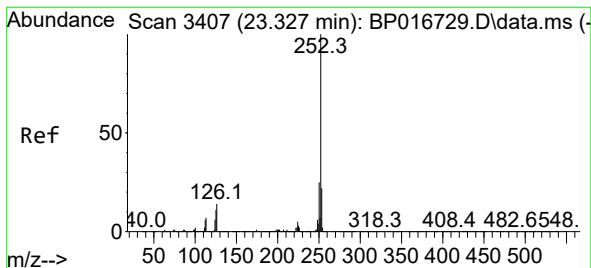
Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Tgt Ion:149 Resp: 3179325





#90

Benzo(b)fluoranthene

Concen: 19.608 ng/ul

RT: 23.321 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

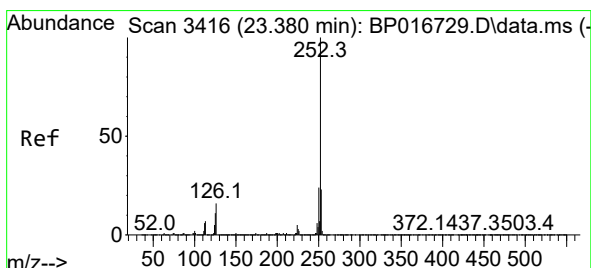
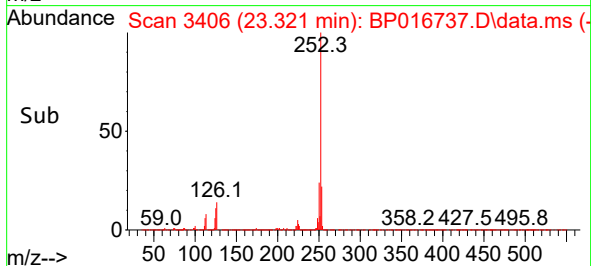
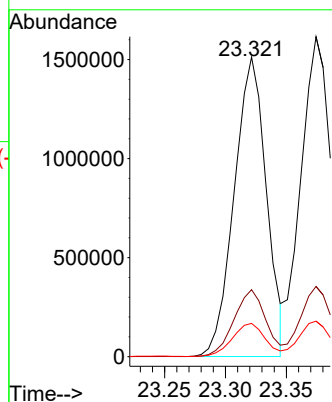
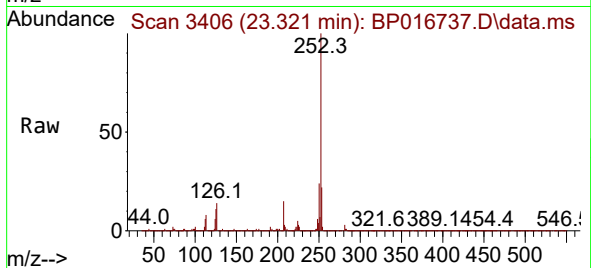
Tgt Ion:252 Resp: 2770211

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.1 9.0 13.4



#91

Benzo(k)fluoranthene

Concen: 20.460 ng/ul

RT: 23.374 min Scan# 3415

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

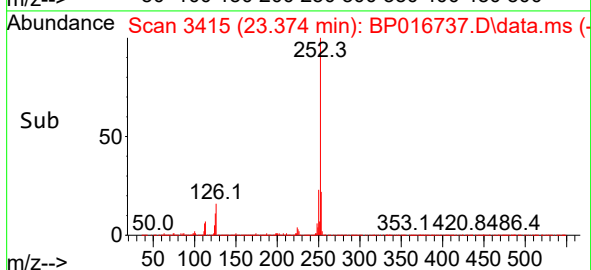
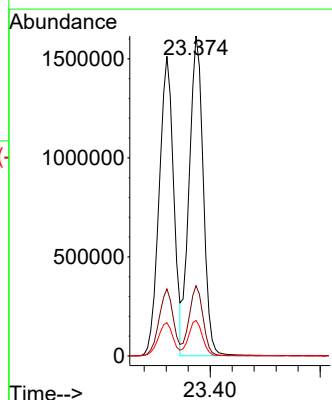
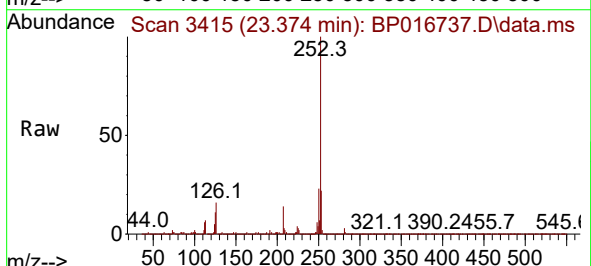
Tgt Ion:252 Resp: 2858704

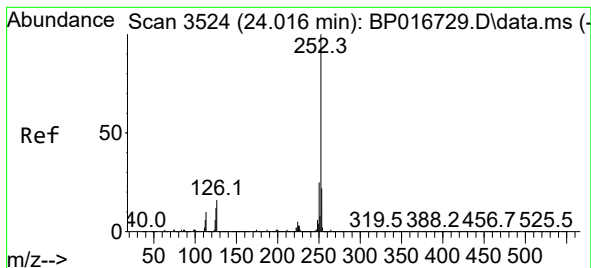
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 11.1 8.9 13.3





#93

Benzo(a)pyrene

Concen: 20.440 ng/ul

RT: 24.010 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

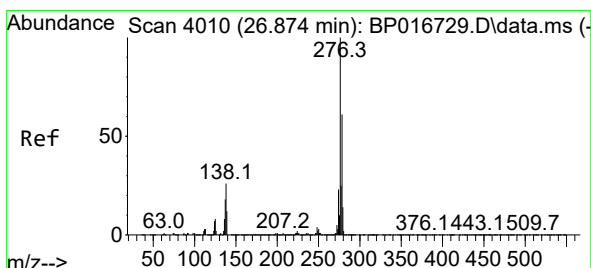
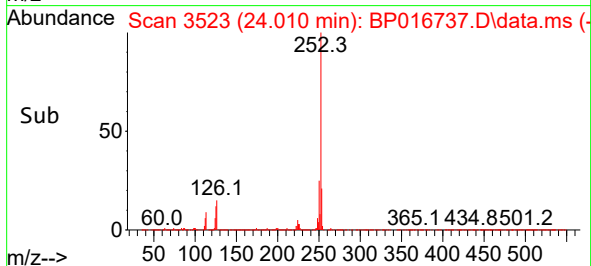
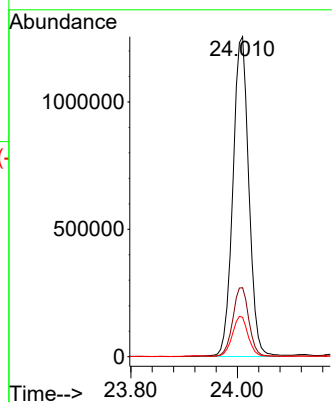
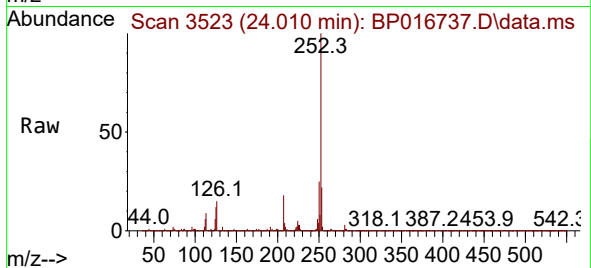
Tgt Ion:252 Resp: 2612097

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 12.3 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.260 ng/ul

RT: 26.856 min Scan# 4007

Delta R.T. -0.018 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

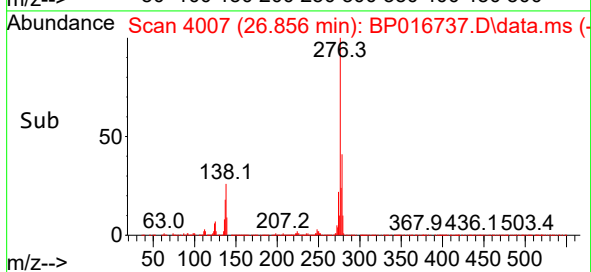
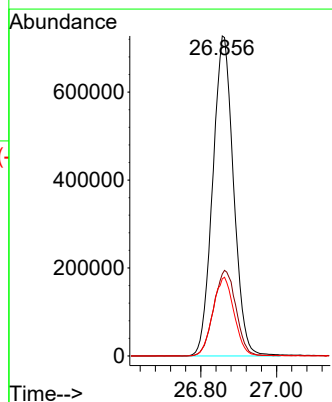
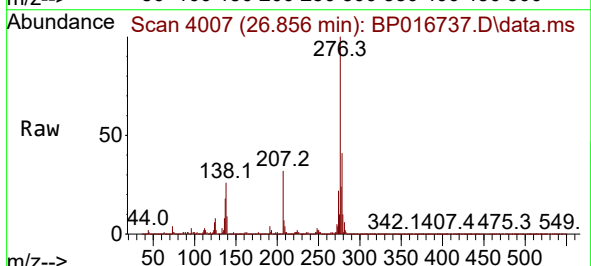
Tgt Ion:276 Resp: 2776174

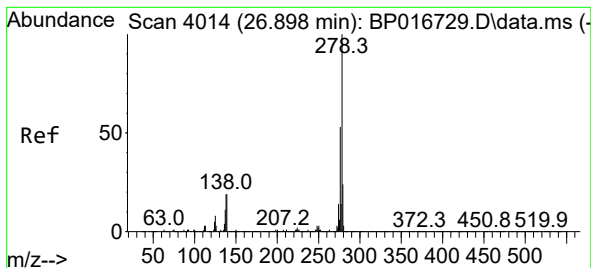
Ion Ratio Lower Upper

276 100

138 25.6 20.9 31.3

277 24.1 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 21.128 ng/ul

RT: 26.880 min Scan# 4014

Delta R.T. -0.018 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Instrument :

BNA_P

ClientSampleId :

SSTD020701

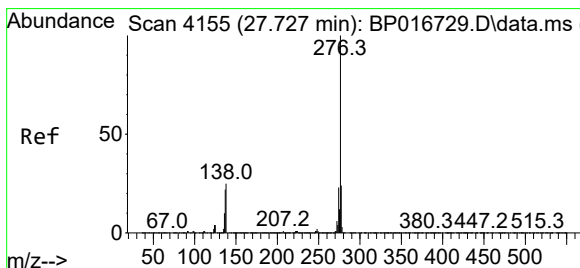
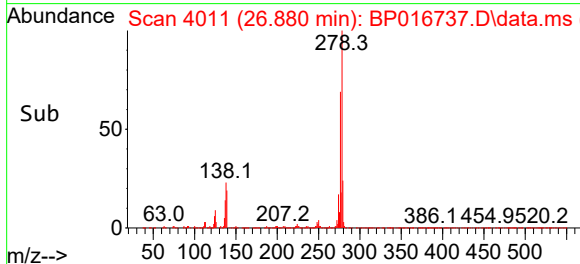
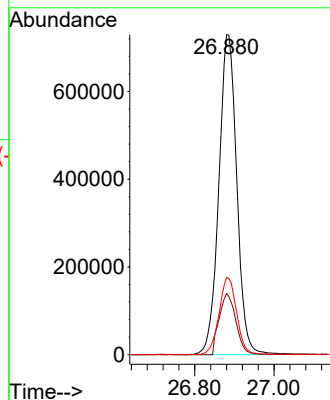
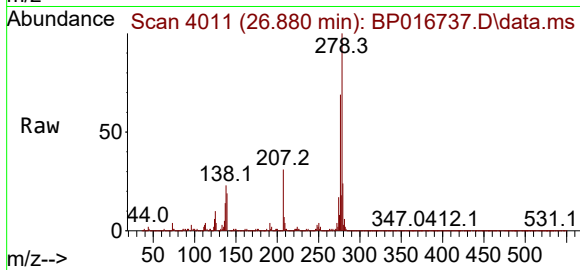
Tgt Ion:278 Resp: 2291515

Ion Ratio Lower Upper

278 100

139 19.1 15.0 22.6

279 24.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 21.331 ng/ul

RT: 27.715 min Scan# 4153

Delta R.T. -0.012 min

Lab File: BP016737.D

Acq: 24 Aug 2023 21:54

Tgt Ion:276 Resp: 2111762

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.4

277 23.8 19.3 28.9

