

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082223\
 Data File : BP016710.D
 Acq On : 22 Aug 2023 19:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

Quant Time: Aug 23 00:46:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	250471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1163019	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.693	164	732114	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.457	188	1725804	20.000	ng/u1	-0.01
79) Chrysene-d12	21.557	240	1828494	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1975081	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	53321	8.089	ng/uL	0.00
4) Pyridine-d5	3.823	84	394821	19.687	ng/u1	0.00
7) Phenol-d5	7.181	99	454005	19.661	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	299482	19.691	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.564	132	335424	20.224	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	365783	19.922	ng/u1	-0.01
21) Nitrobenzene-d5	9.240	128	169180	20.674	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.958	143	172400	22.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	325975	21.312	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	536642	20.448	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1044870	19.732	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	1217322	20.367	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.899	143	231857	21.493	ng/u1	0.00
60) Fluorene-d10	15.687	176	905567	20.060	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.810	200	144397	17.587	ng/u1	0.00
73) Anthracene-d10	17.557	188	1495011	20.027	ng/u1	-0.01
81) Pyrene-d10	19.792	212	1874017	19.560	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1905805	20.135	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	56013	7.728	ng/uL	99
5) Pyridine	3.840	79	416956	20.039	ng/u1	97
6) Benzaldehyde	7.199	77	294484	23.135	ng/u1	99
8) Phenol	7.211	94	482607	19.554	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.475	93	385208	19.322	ng/u1	97
12) 2-Chlorophenol	7.593	128	347132	19.892	ng/u1	100
13) 2-Methylphenol	8.475	108	348481	19.439	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.558	45	308467	11.102	ng/u1	98
16) Acetophenone	8.887	105	597989	20.168	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.858	70	325216	20.451	ng/u1	100
18) 4-Methylphenol	8.811	108	392035	19.897	ng/u1	95
19) Hexachloroethane	9.116	117	140254	19.237	ng/u1	95
22) Nitrobenzene	9.281	77	471967	20.602	ng/u1	99
23) Isophorone	9.799	82	890175	20.573	ng/u1	99
25) 2-Nitrophenol	9.987	139	193446	21.771	ng/u1	99
26) 2,4-Dimethylphenol	10.022	107	425045	20.291	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.281	93	543812	19.607	ng/u1	99
29) 2,4-Dichlorophenol	10.505	162	332688	21.140	ng/u1	100
30) Naphthalene	10.922	128	1188268	19.555	ng/u1	100
32) 4-Chloroaniline	11.052	127	534029	20.545	ng/u1	100
33) Hexachlorobutadiene	11.158	225	184653	19.465	ng/u1	100
34) Caprolactam	11.863	113	132494	21.640	ng/u1	95
35) 4-Chloro-3-methylphenol	12.146	107	417122	21.684	ng/u1	99
36) 2-Methylnaphthalene	12.522	142	804397	19.762	ng/u1	100

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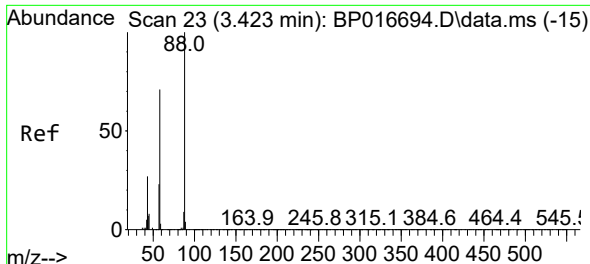
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	818985	19.983	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	379857	19.398	ng/ul	100
40) Hexachlorocyclopentadiene	12.822	237	205061	17.211	ng/ul	100
41) 2,4,6-Trichlorophenol	13.122	196	260716	21.393	ng/ul	98
42) 2,4,5-Trichlorophenol	13.187	196	288167	21.814	ng/ul	96
43) 1,1'-Biphenyl	13.528	154	1056344	19.411	ng/ul	98
44) 2-Chloronaphthalene	13.575	162	833288	19.681	ng/ul	99
45) 2-Nitroaniline	13.804	65	294320	22.990	ng/ul	98
47) Dimethylphthalate	14.152	163	1054403	19.475	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	204198	21.775	ng/ul	100
50) Acenaphthylene	14.422	152	1413611	20.083	ng/ul	99
51) 3-Nitroaniline	14.628	138	241757	22.992	ng/ul	100
52) Acenaphthene	14.757	153	923767	19.605	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	120724	23.125	ng/ul	97
55) 4-Nitrophenol	14.910	109	194272	22.153	ng/ul	97
56) Dibenzofuran	15.093	168	1270887	19.769	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	313733	22.341	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.304	232	247745	22.384	ng/ul	97
59) Diethylphthalate	15.504	149	1095441	19.789	ng/ul	100
61) Fluorene	15.746	166	1056561	20.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	492076	19.886	ng/ul	99
63) 4-Nitroaniline	15.798	138	260692	25.907	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.822	198	163249	17.933	ng/ul	100
67) N-Nitrosodiphenylamine	15.957	169	910037	19.453	ng/ul	99
68) 4-Bromophenyl-phenylether	16.640	248	295603	19.184	ng/ul	96
69) Hexachlorobenzene	16.722	284	335377	18.627	ng/ul	99
70) Atrazine	16.910	200	331502	19.697	ng/ul	99
71) Pentachlorophenol	17.081	266	228646	20.626	ng/ul	97
72) Phenanthrene	17.504	178	1775817	19.531	ng/ul	100
74) Anthracene	17.593	178	1831034	20.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	408726	18.636	ng/ul	96
76) Pentachlorobenzene	14.987	250	369209	18.762	ng/ul	99
77) Carbazole	17.875	167	1760121	20.913	ng/ul	99
78) Di-n-butylphthalate	18.387	149	2027147	20.807	ng/ul	100
80) Fluoranthene	19.463	202	2224417	19.453	ng/ul	100
82) Pyrene	19.822	202	2340129	19.380	ng/ul	97
83) Butylbenzylphthalate	20.675	149	1035041	21.278	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	732487	18.397	ng/ul	100
85) Benzo(a)anthracene	21.539	228	2431799	19.789	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1548000	21.928	ng/ul	100
87) Chrysene	21.598	228	2234427	19.431	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	2749145	22.307	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	2362444	20.089	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	2288639	19.617	ng/ul	100
93) Benzo(a)pyrene	24.016	252	2168181	19.544	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.868	276	2368486	18.090	ng/ul	97
95) Dibenzo(a,h)anthracene	26.898	278	1948277	17.881	ng/ul	100
96) Benzo(g,h,i)perylene	27.727	276	1866978	17.916	ng/ul	98

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

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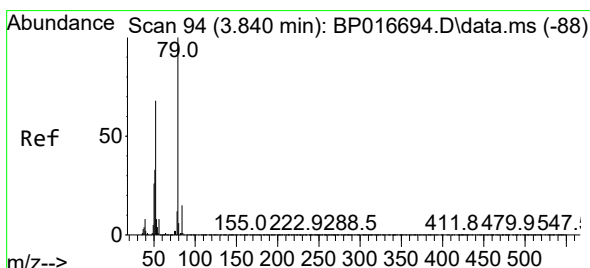
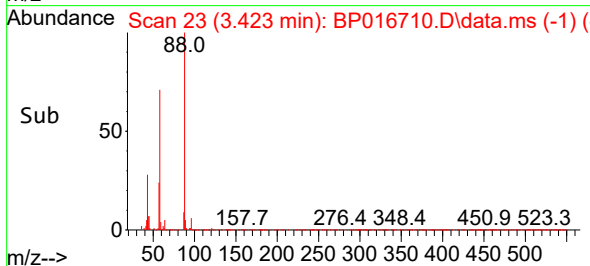
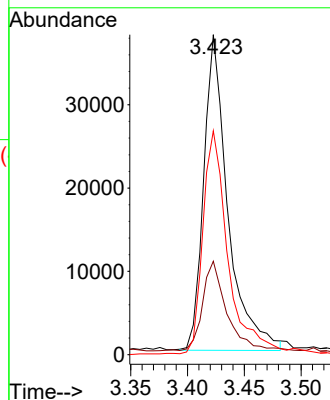
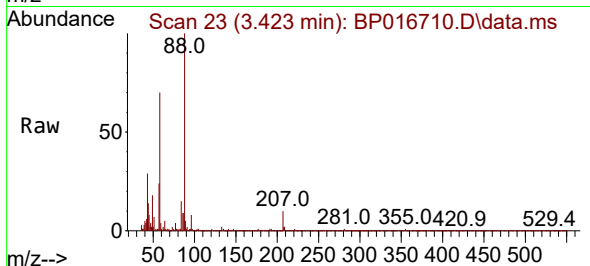




#2
1,4-Dioxane
Concen: 7.728 ng/uL
RT: 3.423 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016710.D
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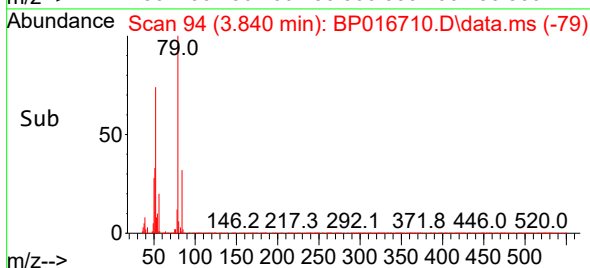
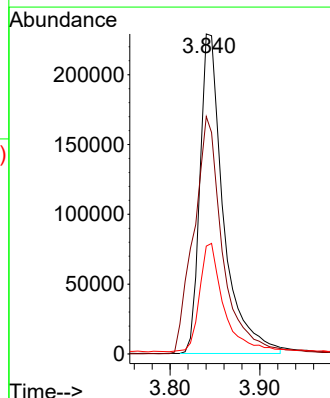
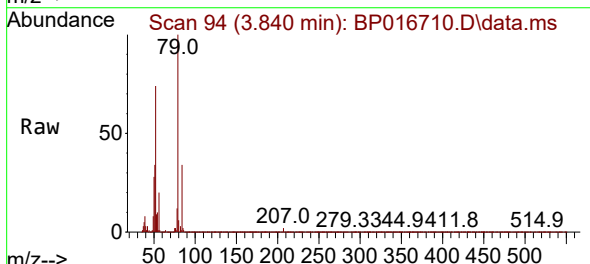
Instrument :
BNA_P
ClientSampleId :
SSTD020698

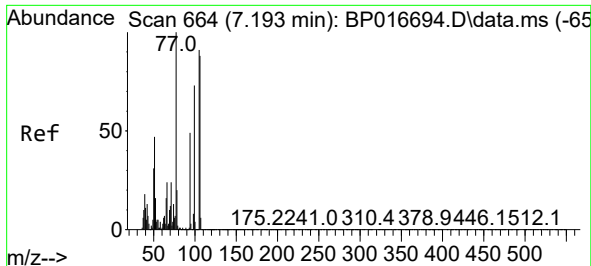
Tgt Ion: 88 Resp: 56013
Ion Ratio Lower Upper
88 100
43 29.2 23.5 35.3
58 69.9 57.1 85.7



#5
Pyridine
Concen: 20.039 ng/uL
RT: 3.840 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion: 79 Resp: 416956
Ion Ratio Lower Upper
79 100
52 74.2 56.6 84.8
51 33.7 26.9 40.3

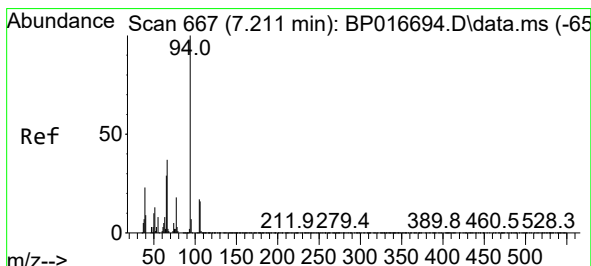
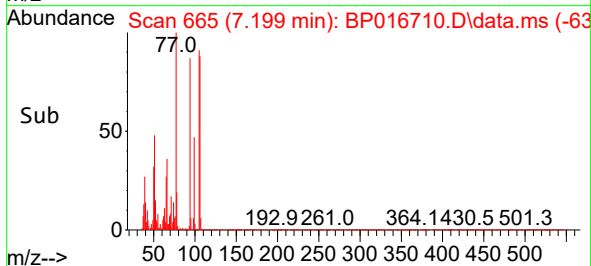
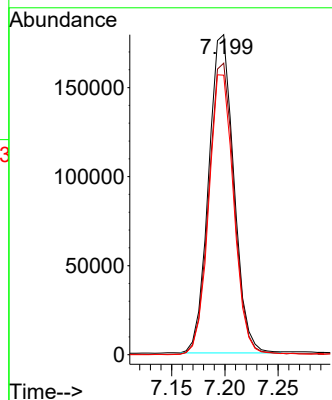
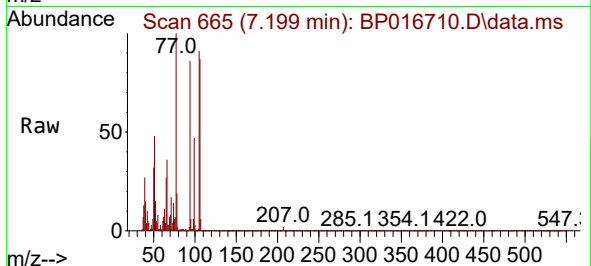




#6
Benzaldehyde
Concen: 23.135 ng/ul
RT: 7.199 min Scan# 664
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

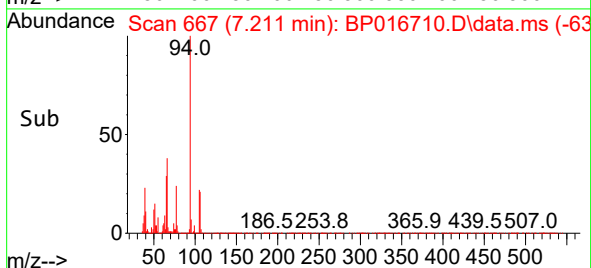
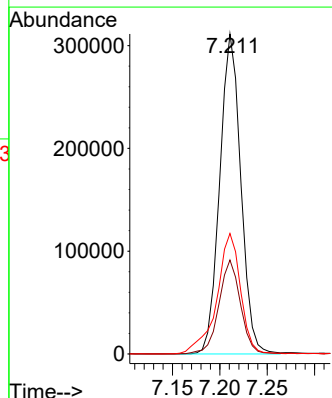
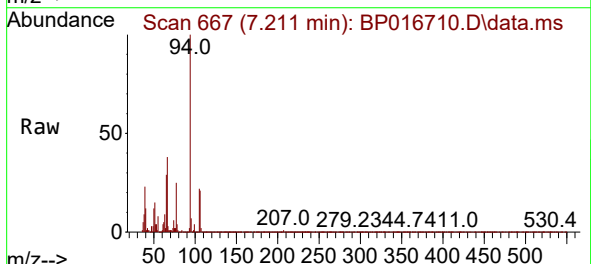
Instrument :
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ClientSampleId :
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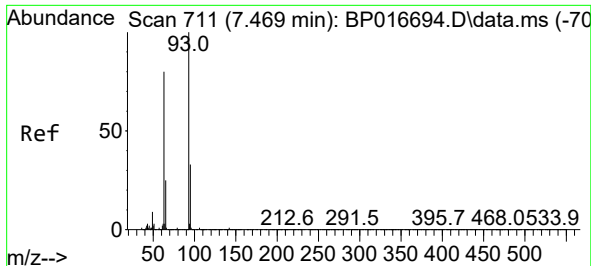
Tgt Ion: 77 Resp: 294484
Ion Ratio Lower Upper
77 100
105 91.1 71.8 107.6
106 87.4 70.2 105.2



#8
Phenol
Concen: 19.554 ng/ul
RT: 7.211 min Scan# 667
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion: 94 Resp: 482607
Ion Ratio Lower Upper
94 100
65 29.3 22.3 33.5
66 37.6 28.7 43.1

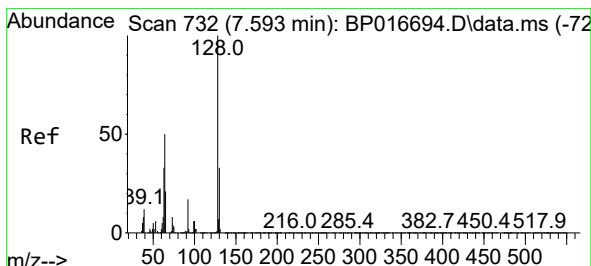
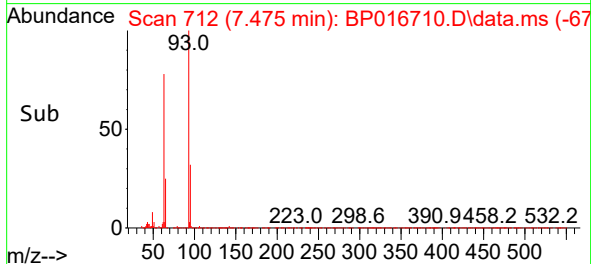
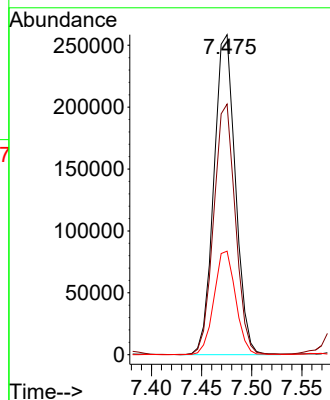
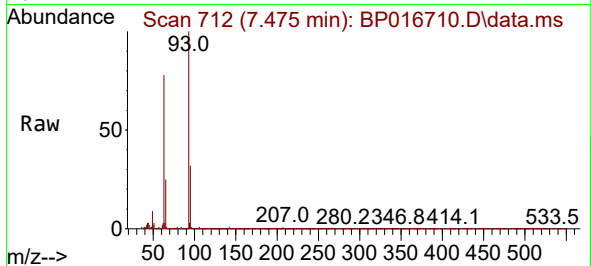




#10
Bis(2-Chloroethyl)ether
Concen: 19.322 ng/ul
RT: 7.475 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

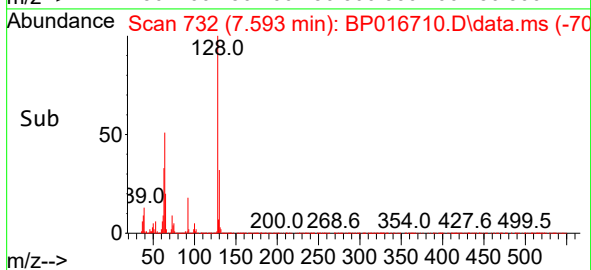
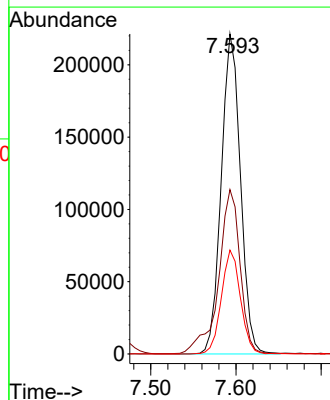
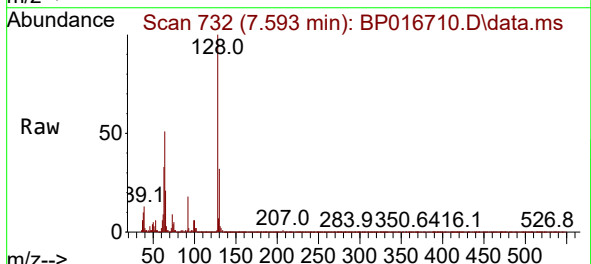
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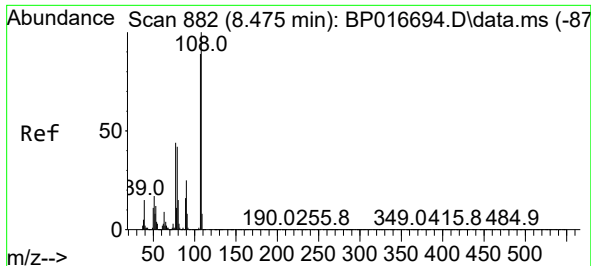
Tgt Ion: 93 Resp: 385208
Ion Ratio Lower Upper
93 100
63 78.3 60.1 90.1
95 32.4 25.4 38.2



#12
2-Chlorophenol
Concen: 19.892 ng/ul
RT: 7.593 min Scan# 732
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:128 Resp: 347132
Ion Ratio Lower Upper
128 100
64 51.4 41.4 62.0
130 32.5 26.0 39.0





#13

2-Methylphenol

Concen: 19.439 ng/ul

RT: 8.475 min Scan# 882

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

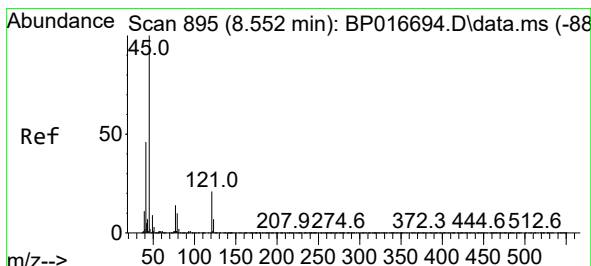
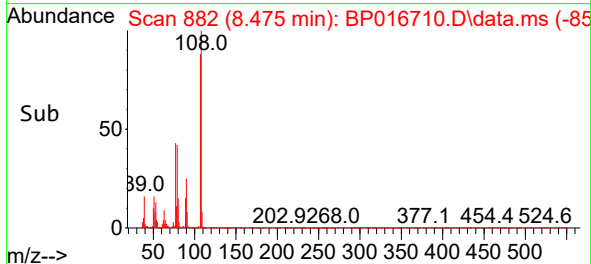
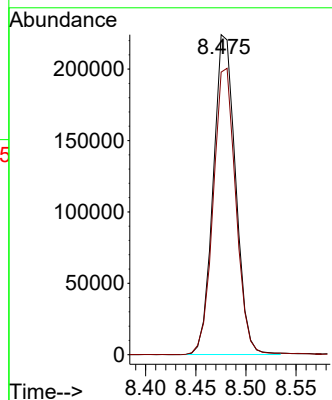
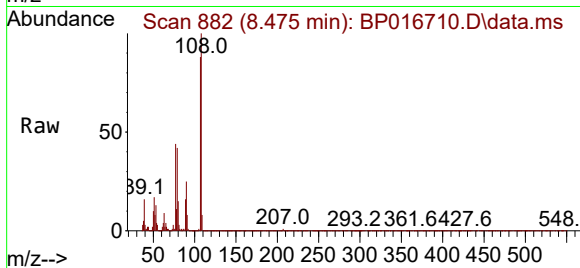
SSTD020698

Tgt Ion:108 Resp: 348481

Ion Ratio Lower Upper

108 100

107 88.3 70.5 105.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 11.102 ng/ul

RT: 8.558 min Scan# 896

Delta R.T. -0.012 min

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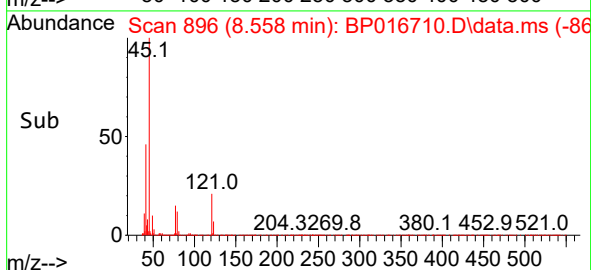
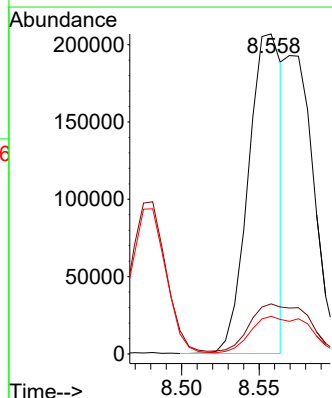
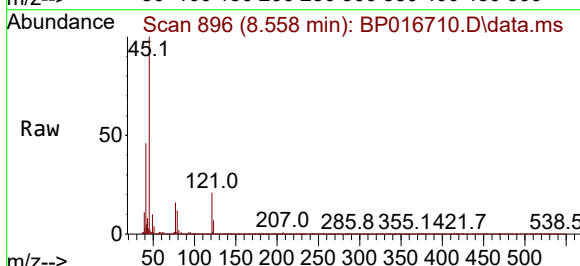
Tgt Ion: 45 Resp: 308467

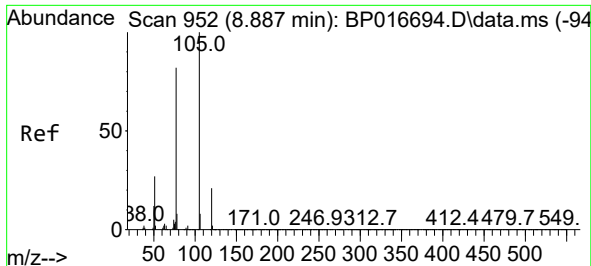
Ion Ratio Lower Upper

45 100

77 15.7 12.1 18.1

79 11.7 8.2 12.4

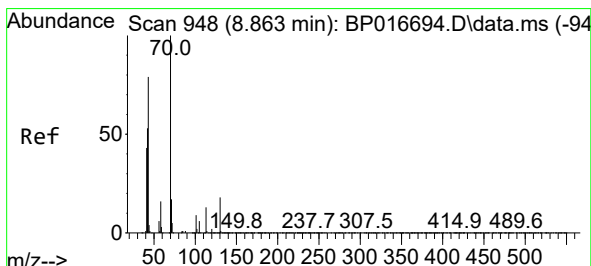
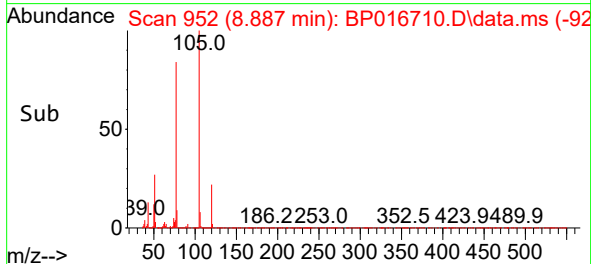
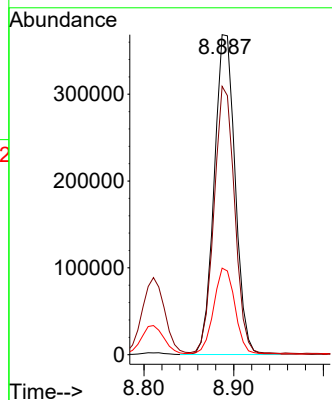
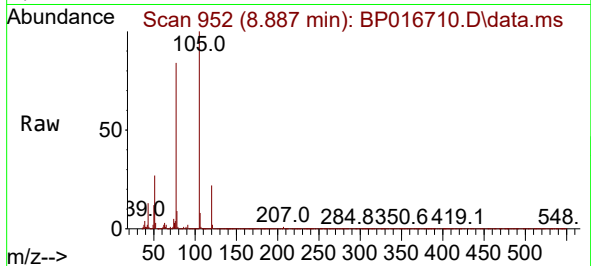




#16
Acetophenone
Concen: 20.168 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP016710.D
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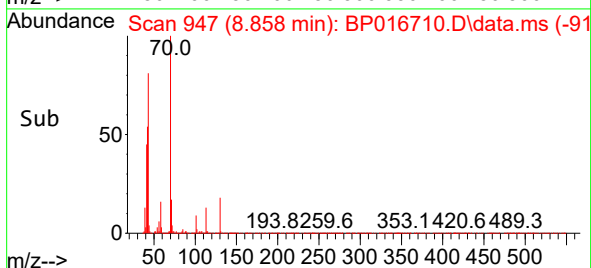
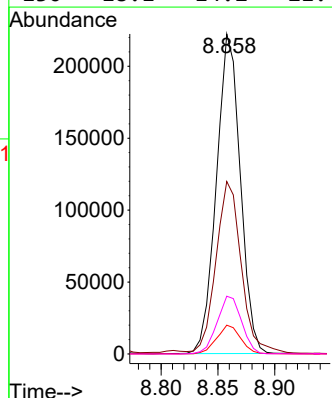
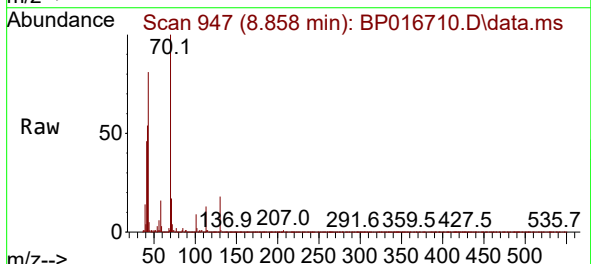
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SSTD020698

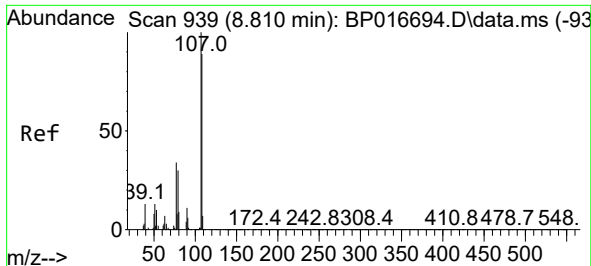
Tgt Ion:105 Resp: 597989
Ion Ratio Lower Upper
105 100
77 83.8 64.4 96.6
51 27.1 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.451 ng/ul
RT: 8.858 min Scan# 947
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion: 70 Resp: 325216
Ion Ratio Lower Upper
70 100
42 53.9 43.0 64.4
101 9.0 6.8 10.2
130 18.1 14.2 21.4





#18

4-Methylphenol

Concen: 19.897 ng/ul

RT: 8.811 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

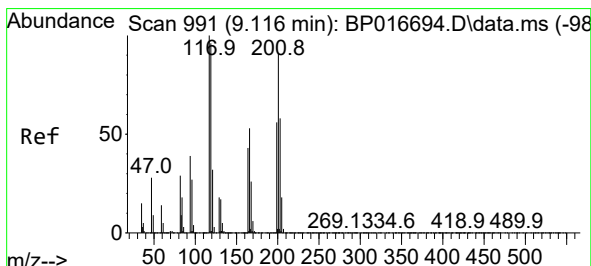
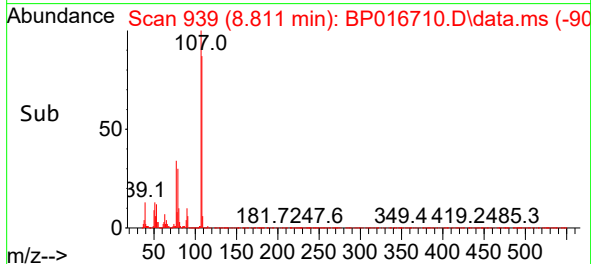
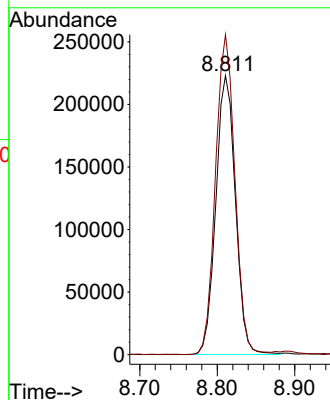
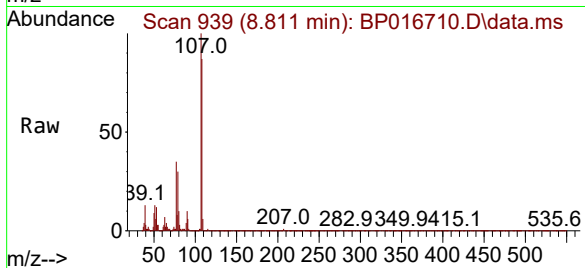
SSTD020698

Tgt Ion:108 Resp: 392035

Ion Ratio Lower Upper

108 100

107 114.6 87.3 130.9



#19

Hexachloroethane

Concen: 19.237 ng/ul

RT: 9.116 min Scan# 991

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

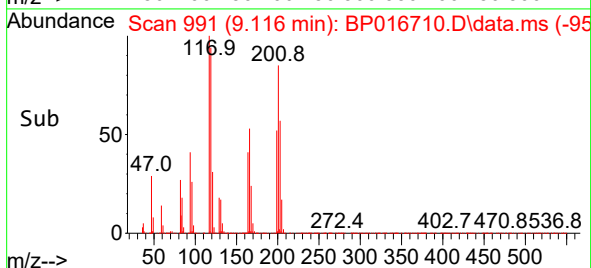
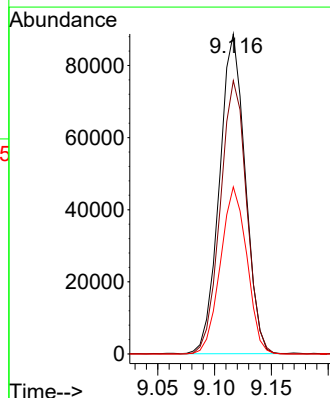
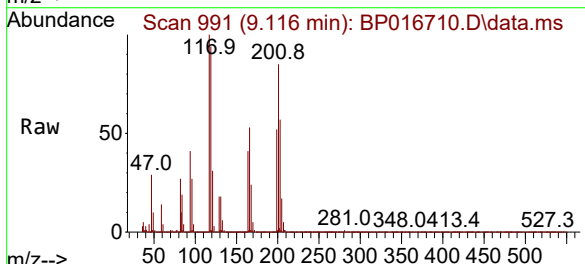
Tgt Ion:117 Resp: 140254

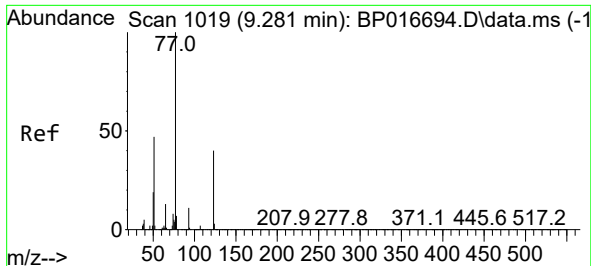
Ion Ratio Lower Upper

117 100

201 85.4 71.8 107.6

199 52.2 45.2 67.8

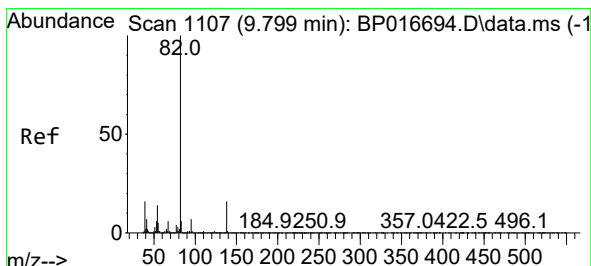
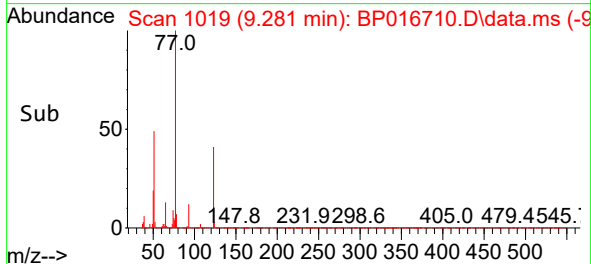
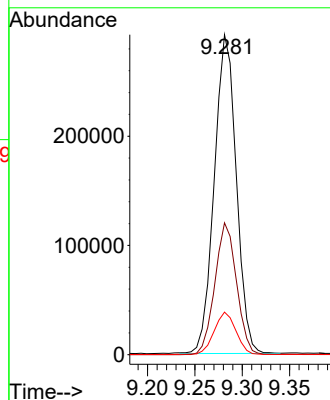
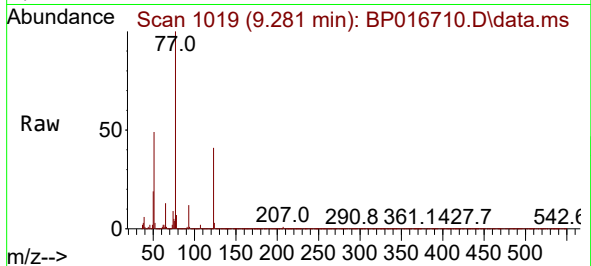




#22
Nitrobenzene
Concen: 20.602 ng/ul
RT: 9.281 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

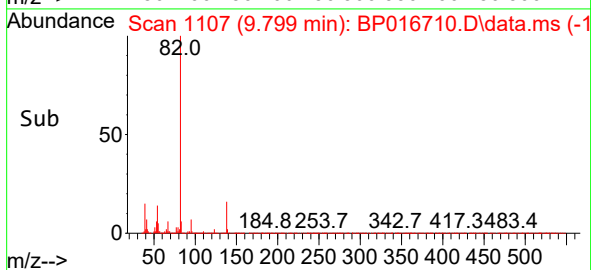
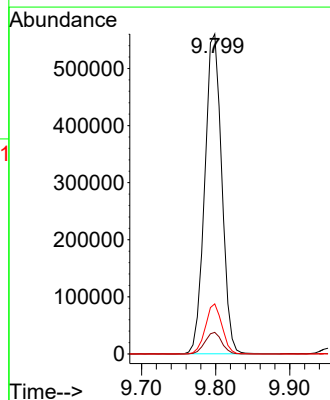
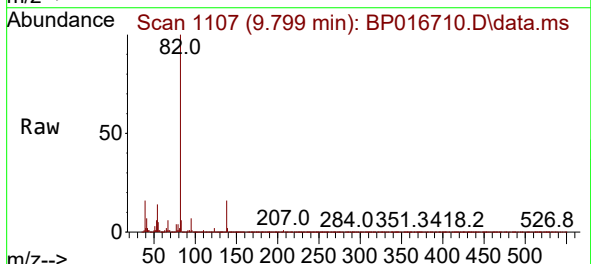
Instrument :
BNA_P
ClientSampleId :
SSTD020698

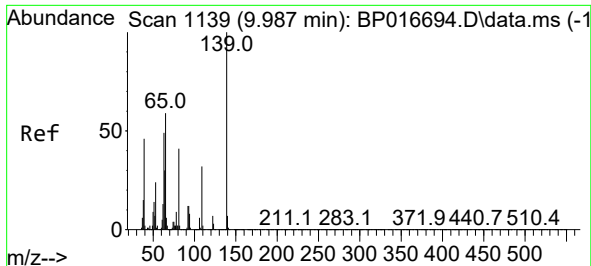
Tgt Ion: 77 Resp: 471967
Ion Ratio Lower Upper
77 100
123 41.2 32.5 48.7
65 13.3 10.3 15.5



#23
Isophorone
Concen: 20.573 ng/ul
RT: 9.799 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion: 82 Resp: 890175
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 15.7 12.7 19.1

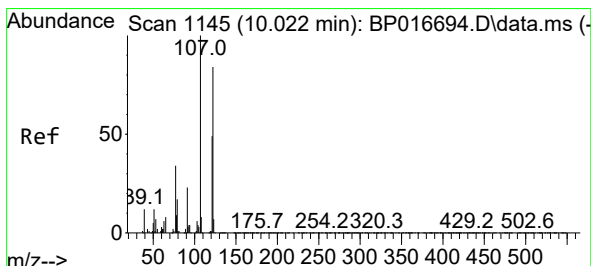
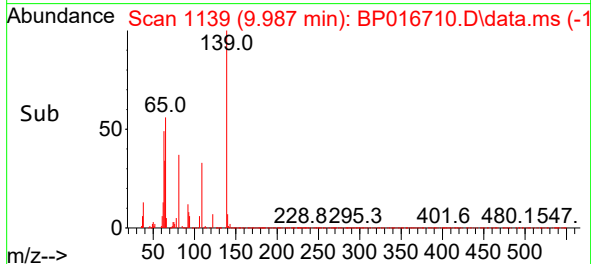
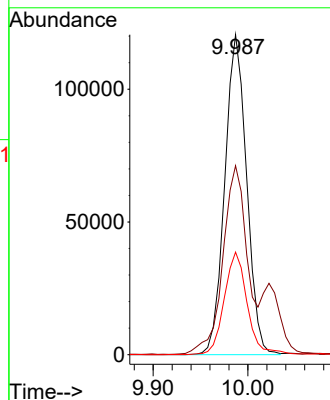
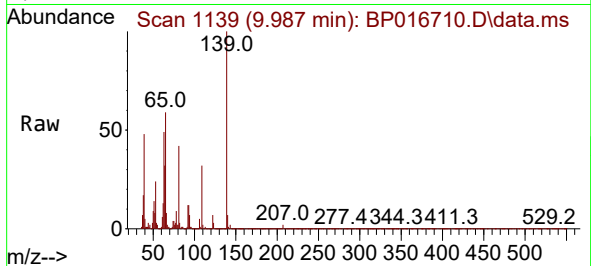




#25
2-Nitrophenol
Concen: 21.771 ng/ul
RT: 9.987 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

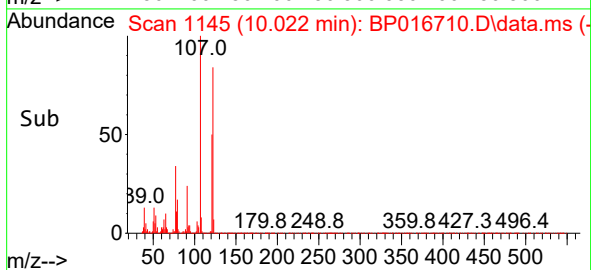
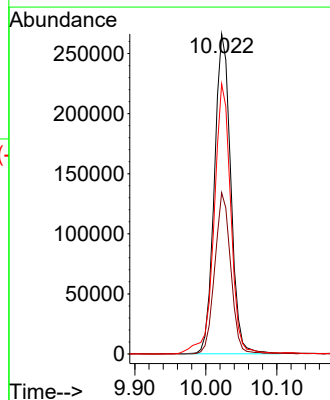
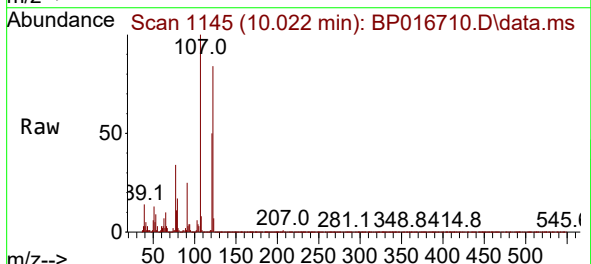
Instrument :
BNA_P
ClientSampleId :
SSTD020698

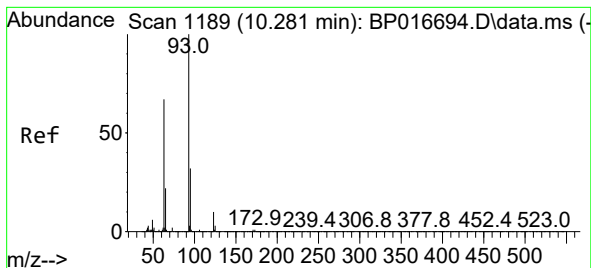
Tgt Ion:139 Resp: 193446
Ion Ratio Lower Upper
139 100
65 59.1 46.4 69.6
109 32.0 25.3 37.9



#26
2,4-Dimethylphenol
Concen: 20.291 ng/ul
RT: 10.022 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:107 Resp: 425045
Ion Ratio Lower Upper
107 100
121 50.4 39.1 58.7
122 84.4 66.9 100.3

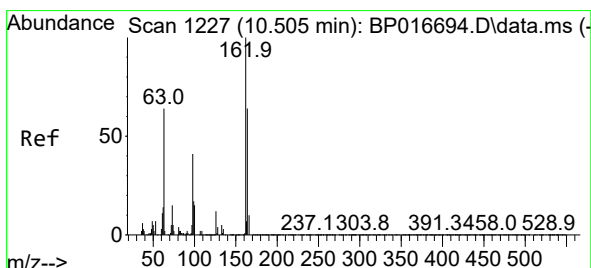
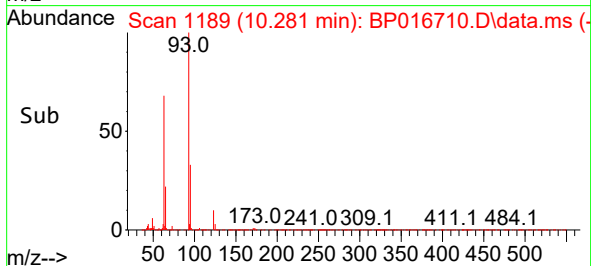
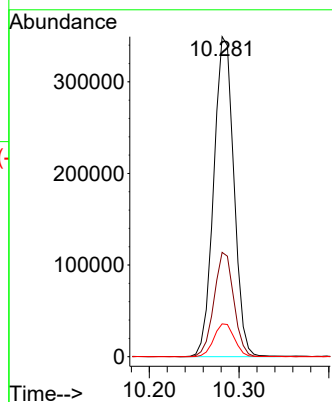
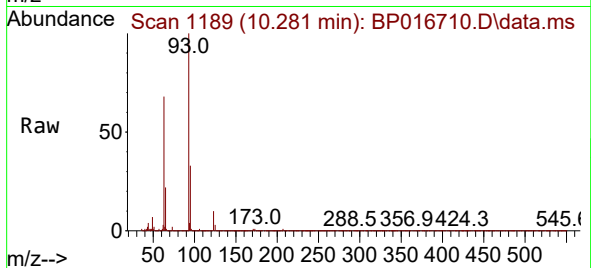




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.607 ng/ul
 RT: 10.281 min Scan# 1189
 Delta R.T. -0.012 min
 Lab File: BP016710.D
 Acq: 22 Aug 2023 19:25

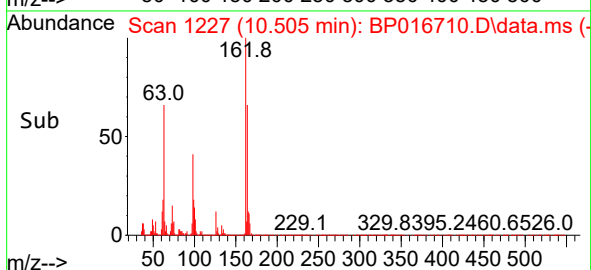
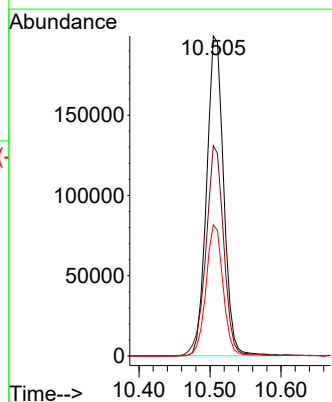
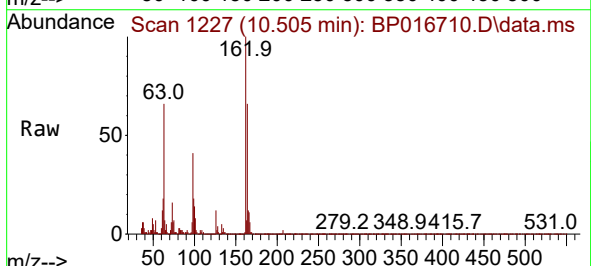
Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

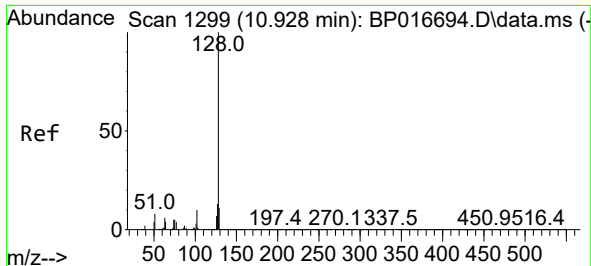
Tgt Ion: 93 Resp: 543812
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.8
 123 10.2 8.7 13.1



#29
 2,4-Dichlorophenol
 Concen: 21.140 ng/ul
 RT: 10.505 min Scan# 1227
 Delta R.T. -0.012 min
 Lab File: BP016710.D
 Acq: 22 Aug 2023 19:25

Tgt Ion: 162 Resp: 332688
 Ion Ratio Lower Upper
 162 100
 164 65.8 52.9 79.3
 98 41.0 32.7 49.1

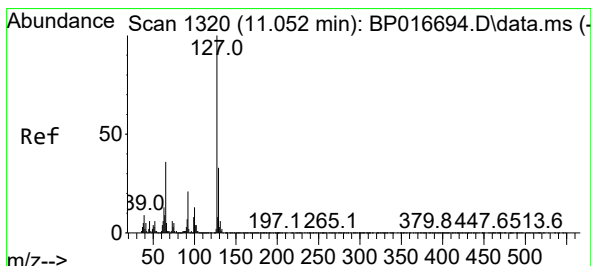
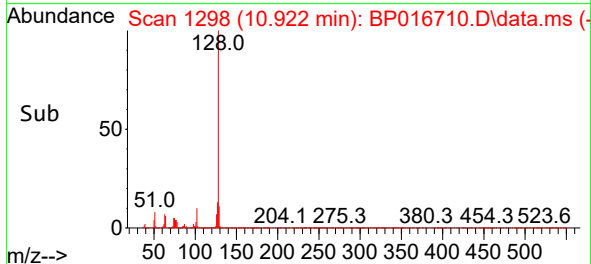
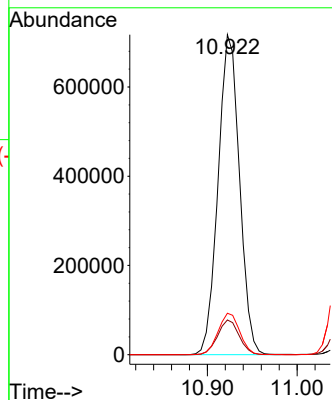
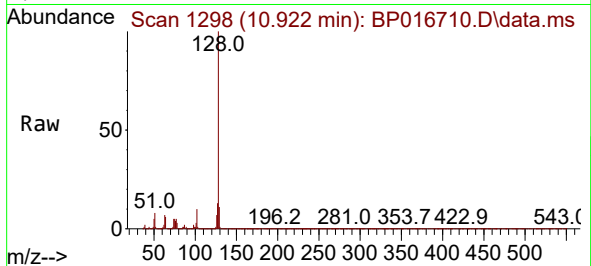




#30
Naphthalene
Concen: 19.555 ng/ul
RT: 10.922 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

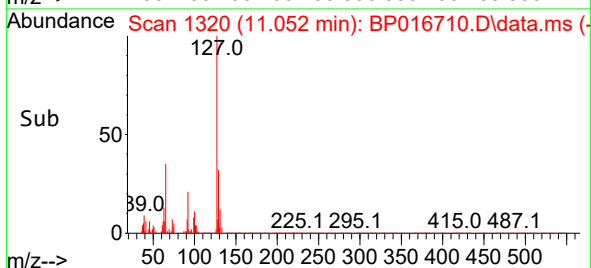
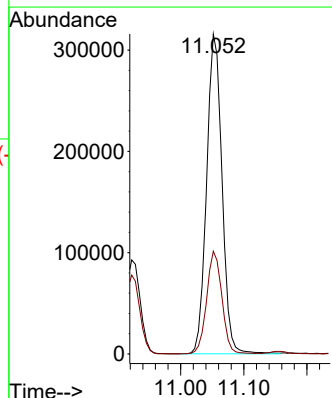
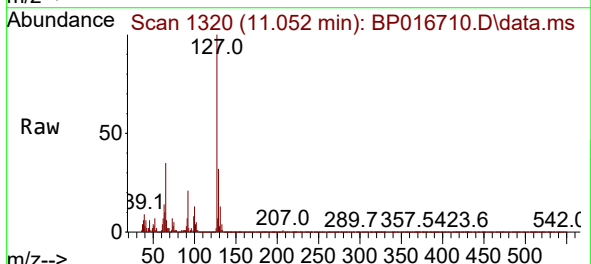
Instrument :
BNA_P
ClientSampleId :
SSTD020698

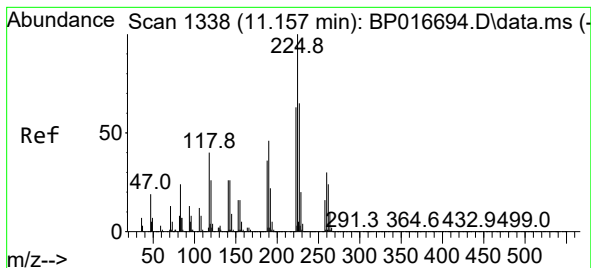
Tgt Ion:128 Resp: 1188268
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 20.545 ng/ul
RT: 11.052 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:127 Resp: 534029
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4





#33

Hexachlorobutadiene

Concen: 19.465 ng/ul

RT: 11.158 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

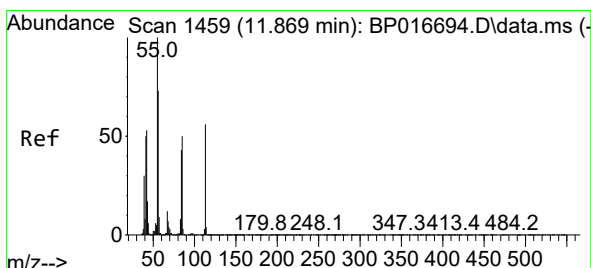
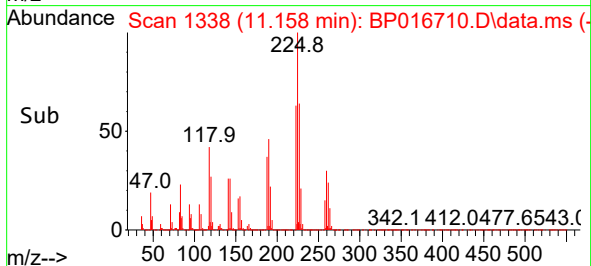
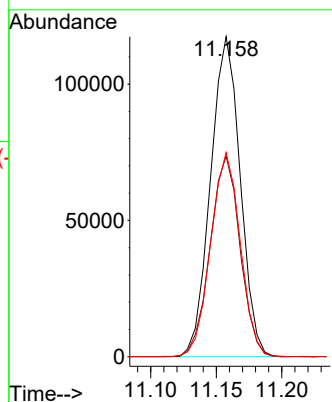
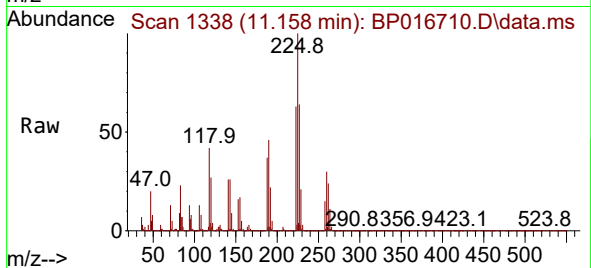
Tgt Ion:225 Resp: 184653

Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.2

227 63.8 50.8 76.2



#34

Caprolactam

Concen: 21.640 ng/ul

RT: 11.863 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

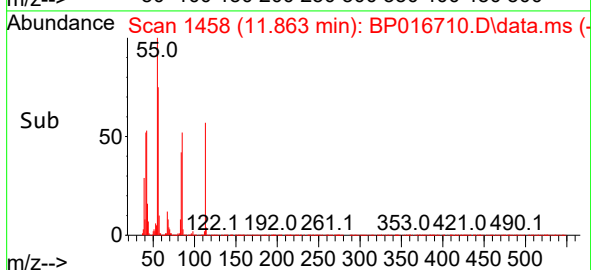
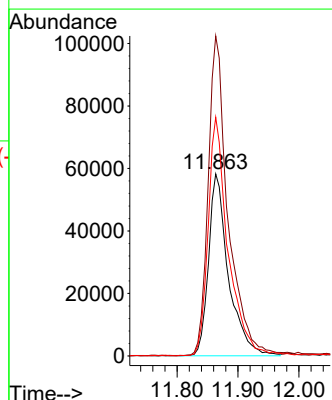
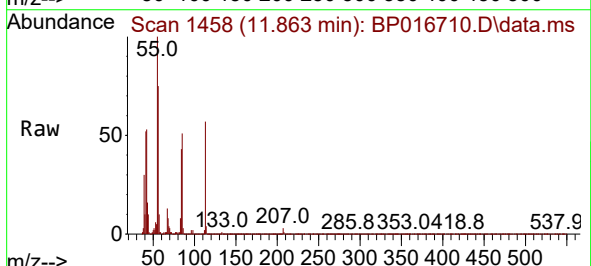
Tgt Ion:113 Resp: 132494

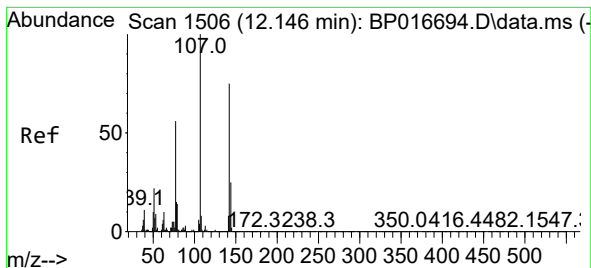
Ion Ratio Lower Upper

113 100

55 175.7 134.8 202.2

56 131.1 101.5 152.3

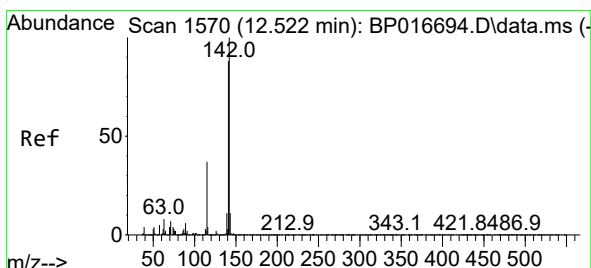
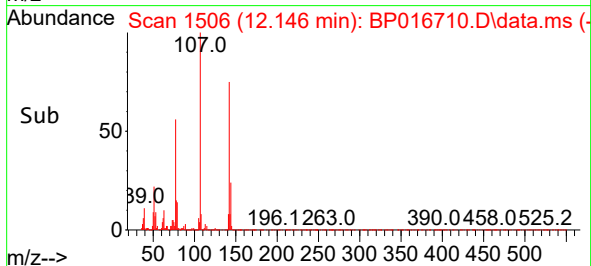
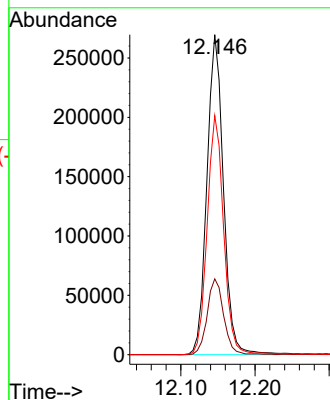
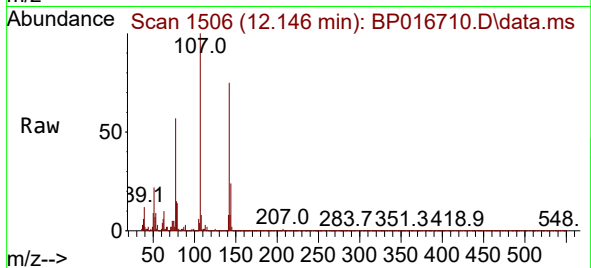




#35
4-Chloro-3-methylphenol
Concen: 21.684 ng/ul
RT: 12.146 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

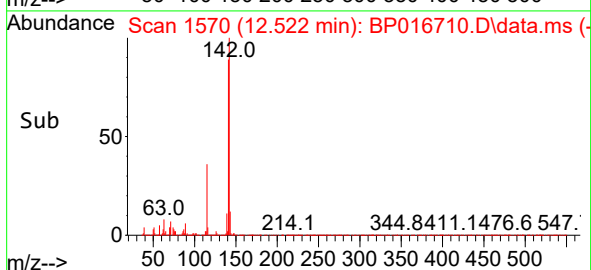
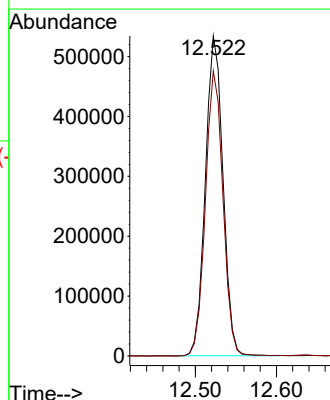
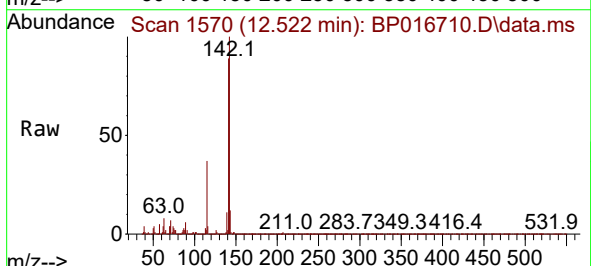
Instrument :
BNA_P
ClientSampleId :
SSTD020698

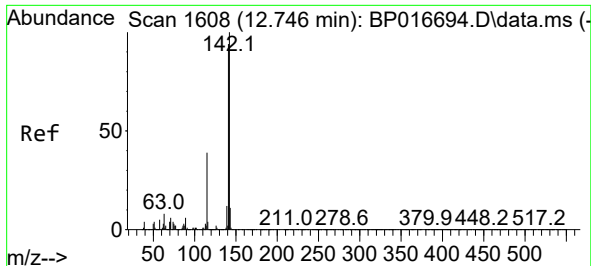
Tgt Ion:107 Resp: 417122
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.6
142 74.7 60.2 90.4



#36
2-Methylnaphthalene
Concen: 19.762 ng/ul
RT: 12.522 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:142 Resp: 804397
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0

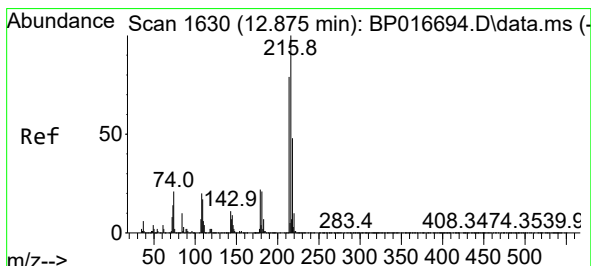
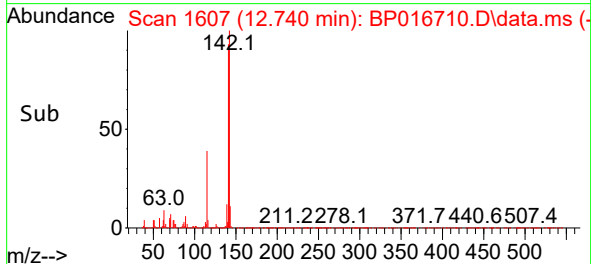
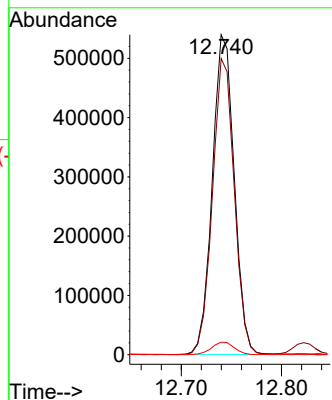
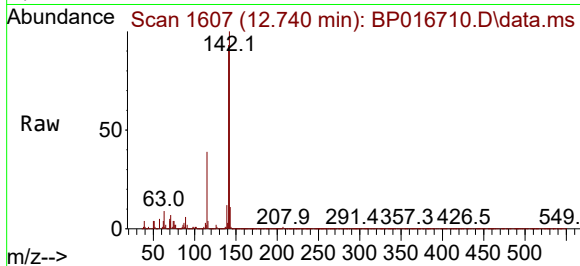




#37
1-Methylnaphthalene
Concen: 19.983 ng/ul
RT: 12.740 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

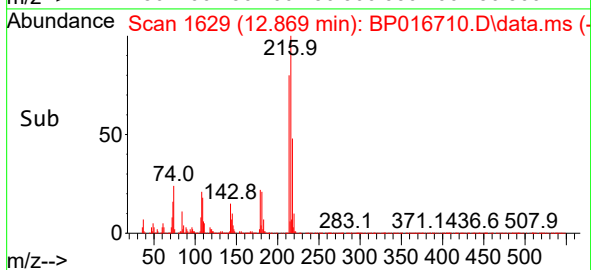
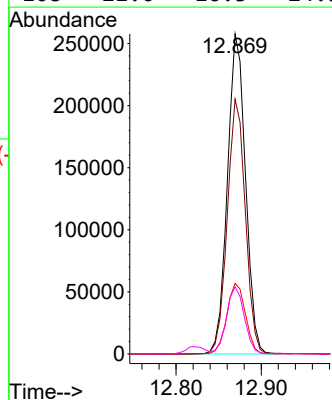
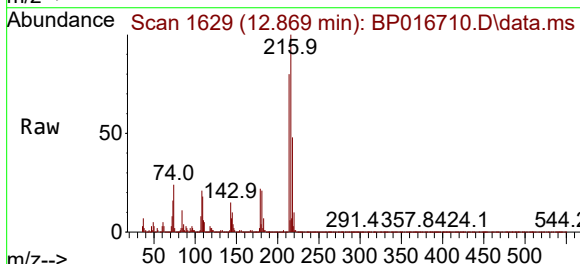
Instrument :
BNA_P
ClientSampleId :
SSTD020698

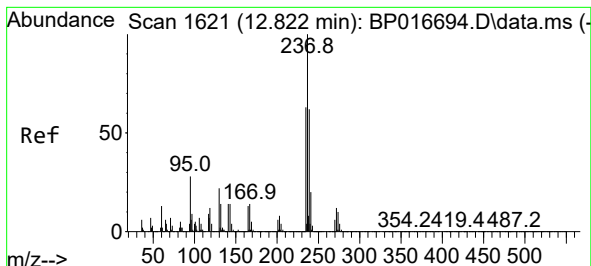
Tgt Ion:142 Resp: 818985
Ion Ratio Lower Upper
142 100
141 92.5 74.5 111.7
116 3.9 3.0 4.4



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.398 ng/ul
RT: 12.869 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:216 Resp: 379857
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 22.1 17.9 26.9
108 21.0 16.3 24.5





#40

Hexachlorocyclopentadiene

Concen: 17.211 ng/ul

RT: 12.822 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

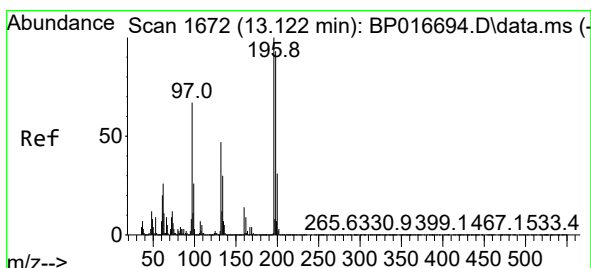
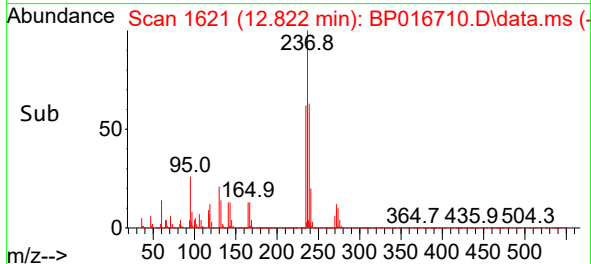
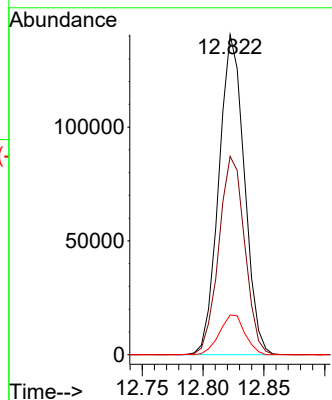
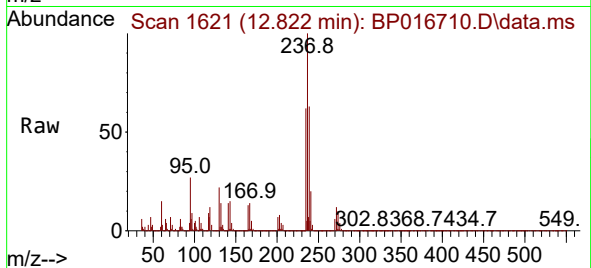
Tgt Ion:237 Resp: 205061

Ion Ratio Lower Upper

237 100

235 62.0 49.7 74.5

272 12.4 9.8 14.8



#41

2,4,6-Trichlorophenol

Concen: 21.393 ng/ul

RT: 13.122 min Scan# 1672

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

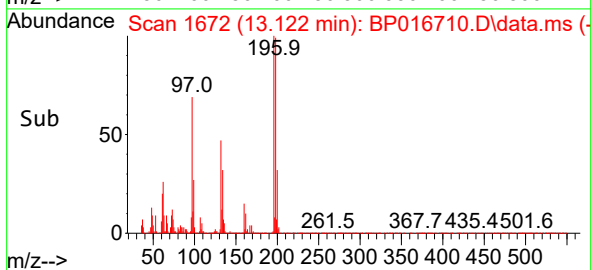
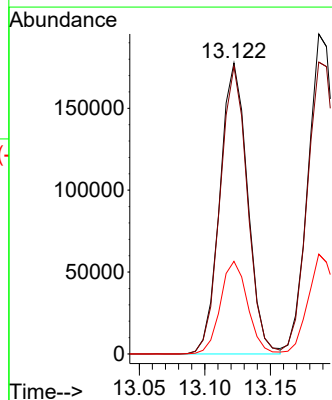
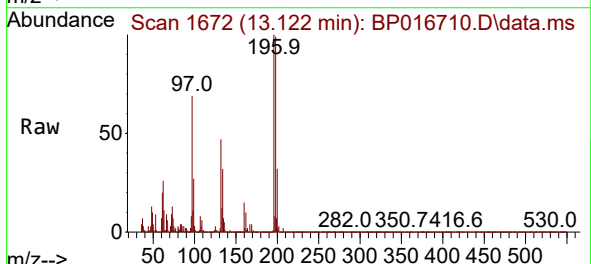
Tgt Ion:196 Resp: 260716

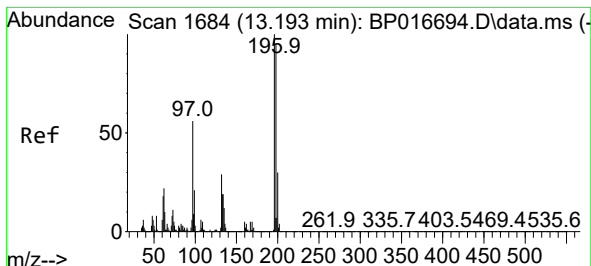
Ion Ratio Lower Upper

196 100

198 98.7 77.0 115.4

200 31.8 24.9 37.3





#42

2,4,5-Trichlorophenol

Concen: 21.814 ng/ul

RT: 13.187 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

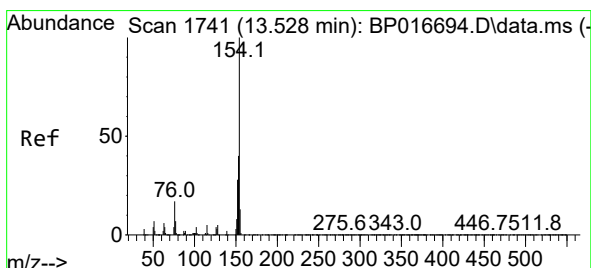
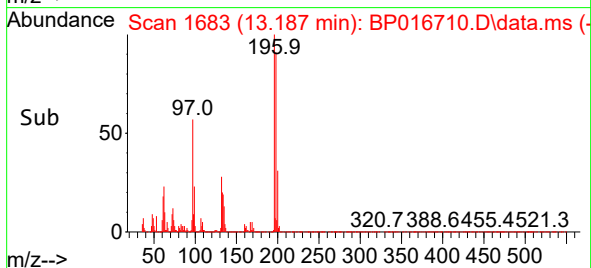
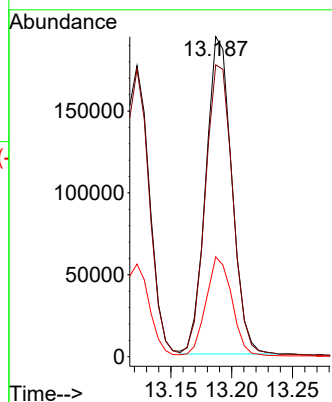
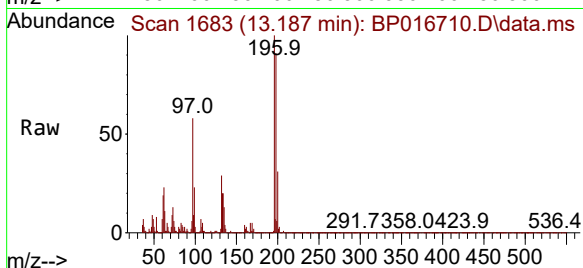
Tgt Ion:196 Resp: 288167

Ion Ratio Lower Upper

196 100

198 91.2 76.7 115.1

200 31.2 24.2 36.2



#43

1,1'-Biphenyl

Concen: 19.411 ng/ul

RT: 13.528 min Scan# 1741

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

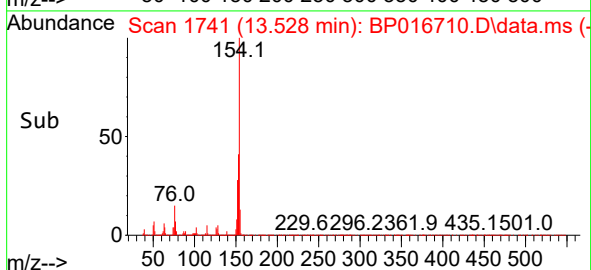
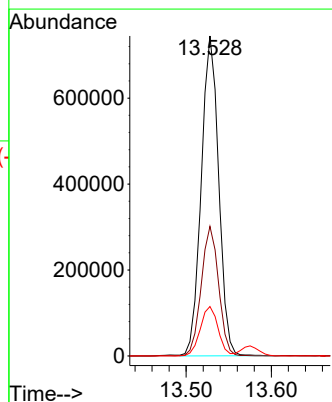
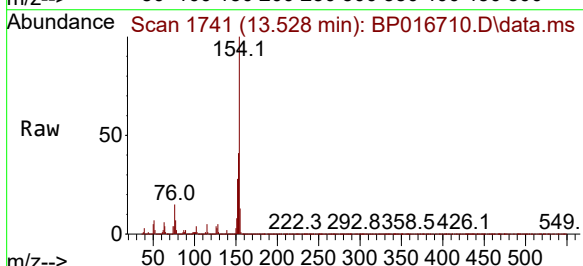
Tgt Ion:154 Resp: 1056344

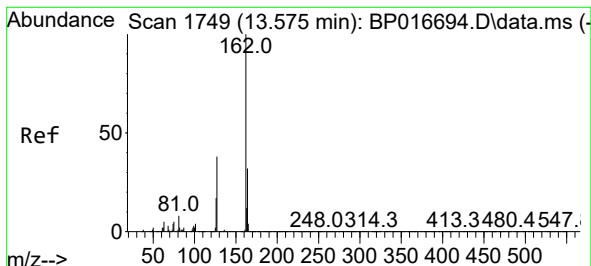
Ion Ratio Lower Upper

154 100

153 40.5 31.4 47.2

76 15.4 13.0 19.4

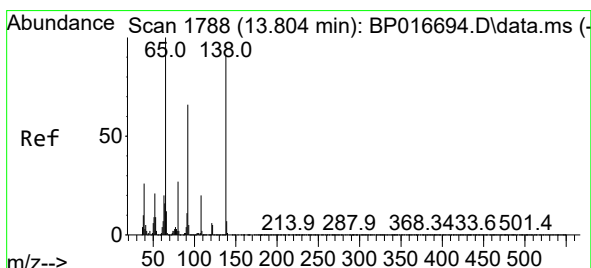
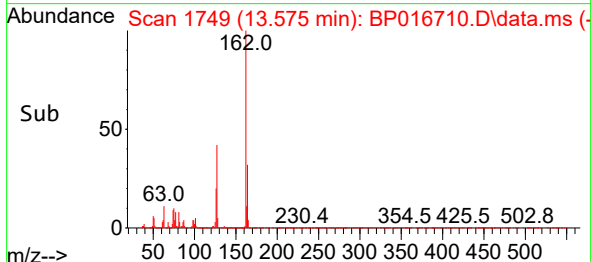
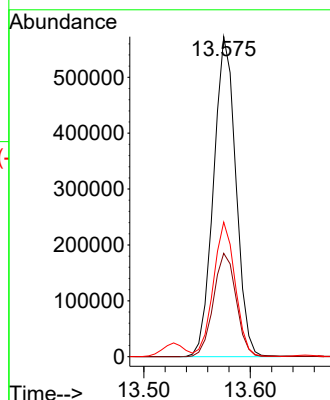
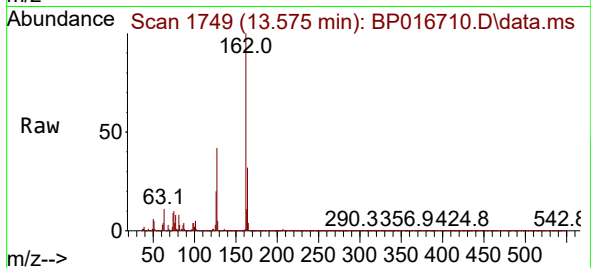




#44
2-Chloronaphthalene
Concen: 19.681 ng/ul
RT: 13.575 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

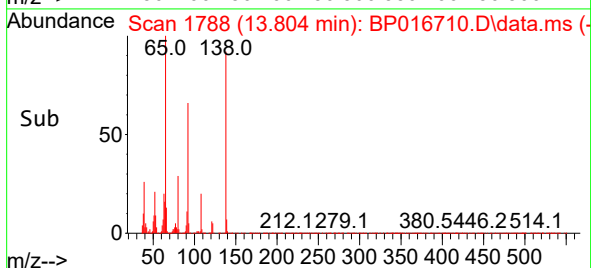
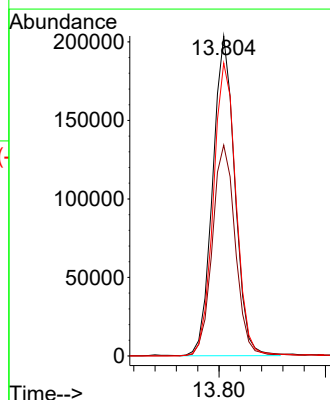
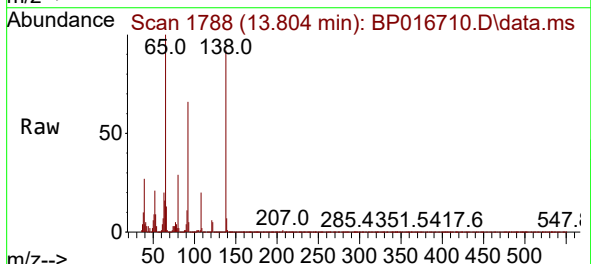
Instrument :
BNA_P
ClientSampleId :
SSTD020698

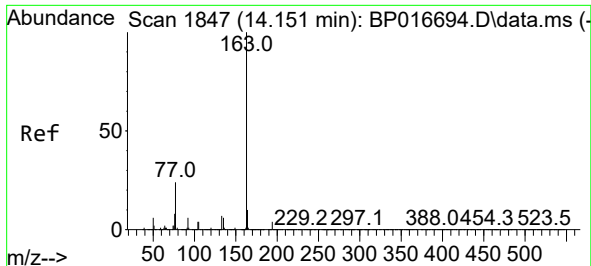
Tgt Ion:162 Resp: 833288
Ion Ratio Lower Upper
162 100
164 32.3 25.8 38.6
127 42.1 32.9 49.3



#45
2-Nitroaniline
Concen: 22.990 ng/ul
RT: 13.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion: 65 Resp: 294320
Ion Ratio Lower Upper
65 100
92 65.9 54.5 81.7
138 91.6 72.1 108.1

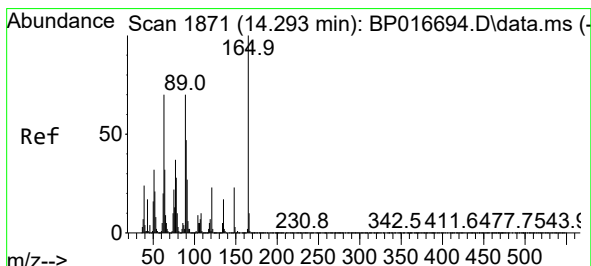
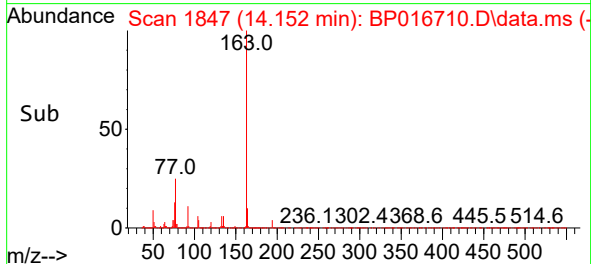
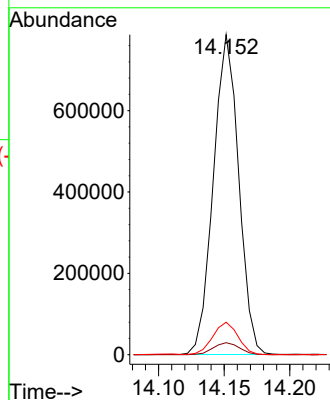
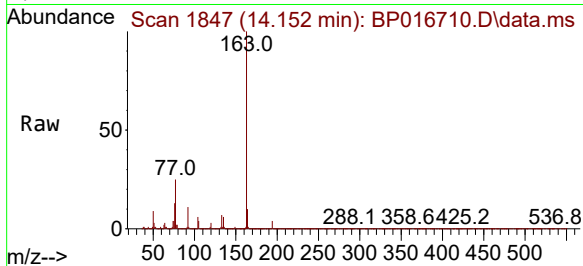




#47
Dimethylphthalate
Concen: 19.475 ng/ul
RT: 14.152 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

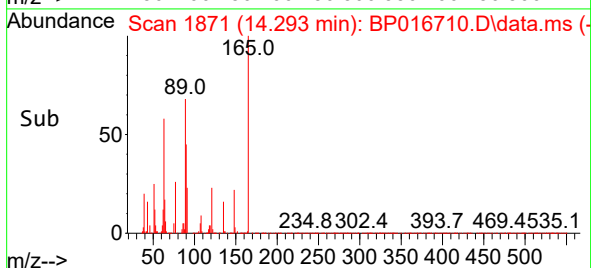
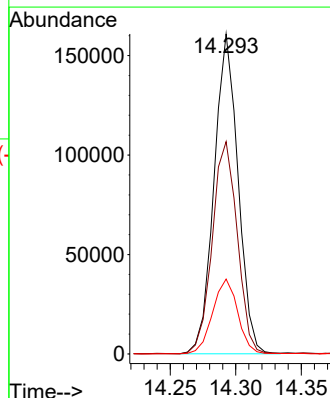
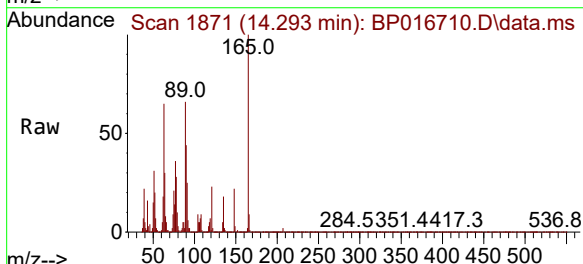
Instrument :
BNA_P
ClientSampleId :
SSTD020698

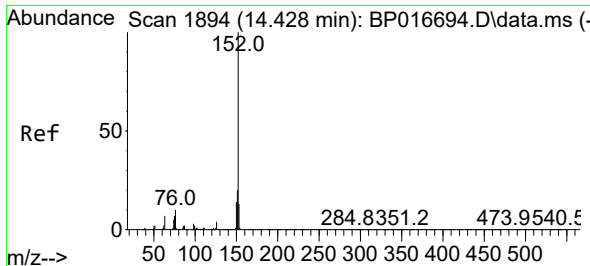
Tgt Ion:163 Resp: 1054403
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 21.775 ng/ul
RT: 14.293 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:165 Resp: 204198
Ion Ratio Lower Upper
165 100
89 66.3 53.2 79.8
121 23.4 18.8 28.2

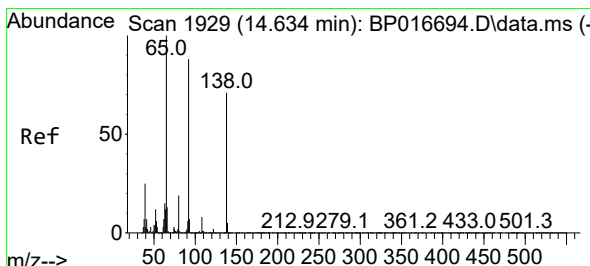
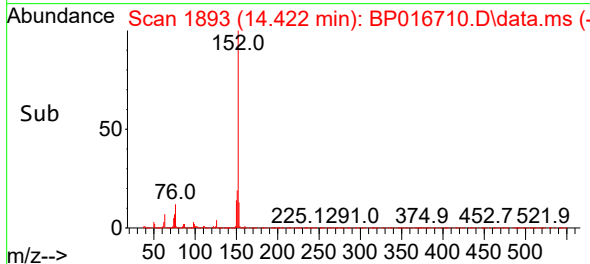
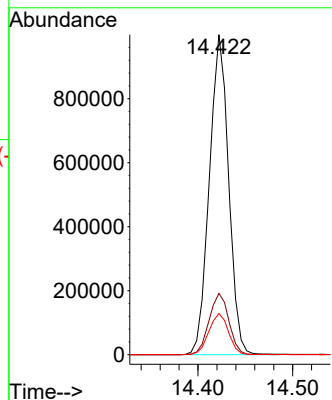
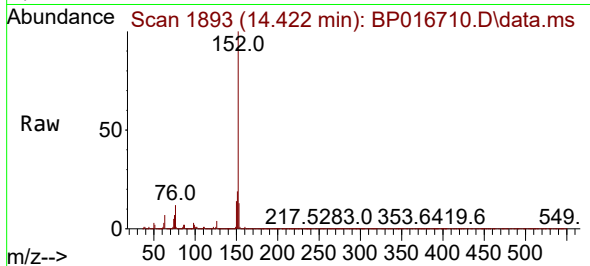




#50
Acenaphthylene
Concen: 20.083 ng/ul
RT: 14.422 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

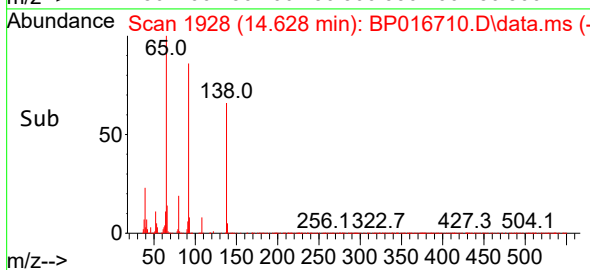
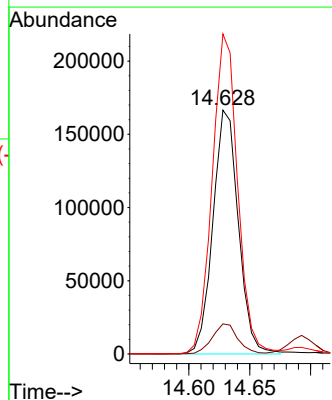
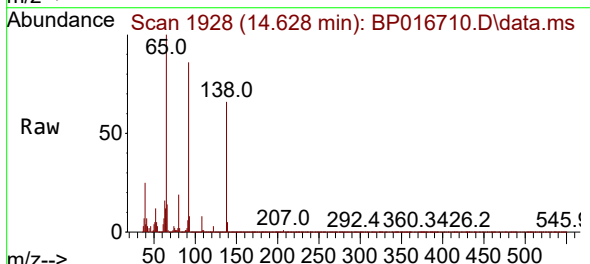
Instrument :
BNA_P
ClientSampleId :
SSTD020698

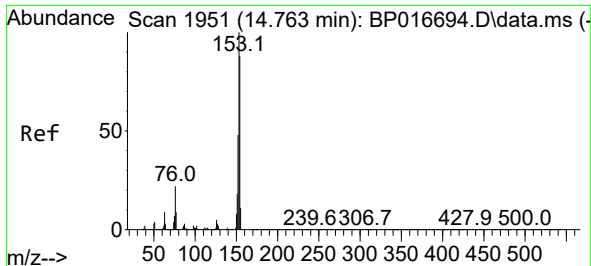
Tgt Ion:152 Resp: 1413611
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 12.9 10.6 15.8



#51
3-Nitroaniline
Concen: 22.992 ng/ul
RT: 14.628 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:138 Resp: 241757
Ion Ratio Lower Upper
138 100
108 12.4 10.9 16.3
92 131.2 105.0 157.6

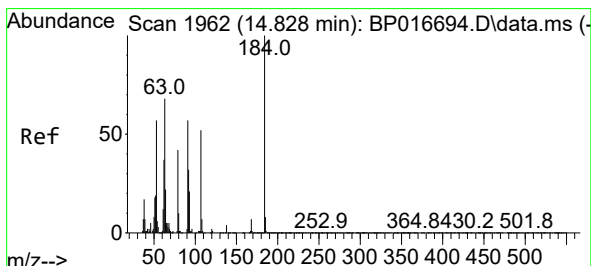
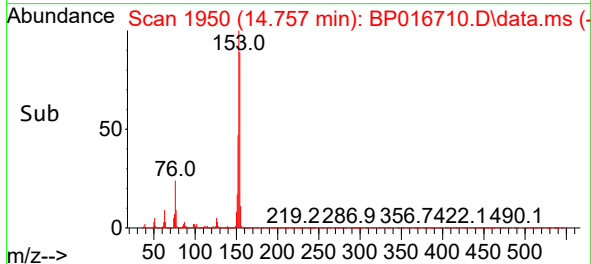
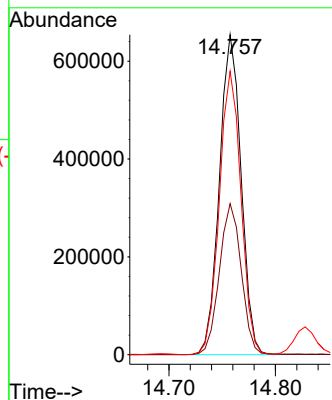
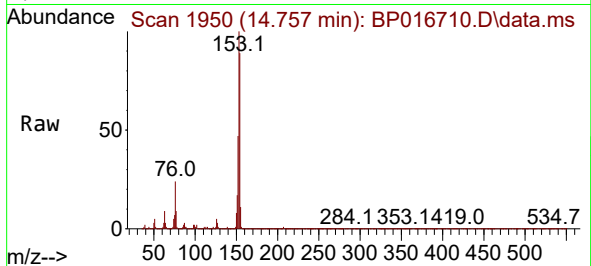




#52
Acenaphthene
Concen: 19.605 ng/ul
RT: 14.757 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

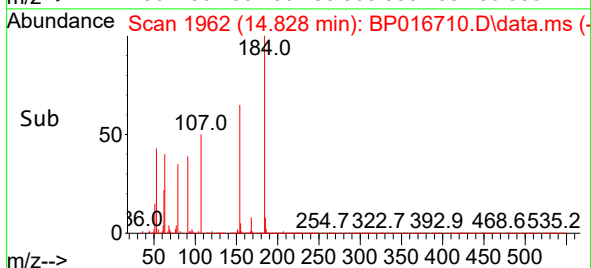
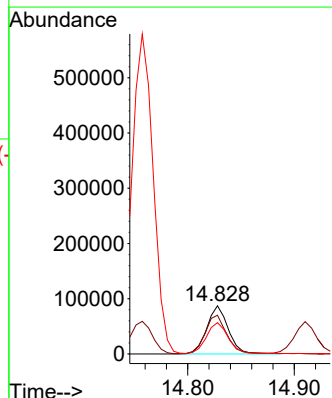
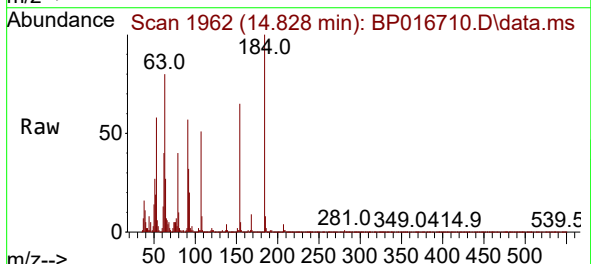
Instrument :
BNA_P
ClientSampleId :
SSTD020698

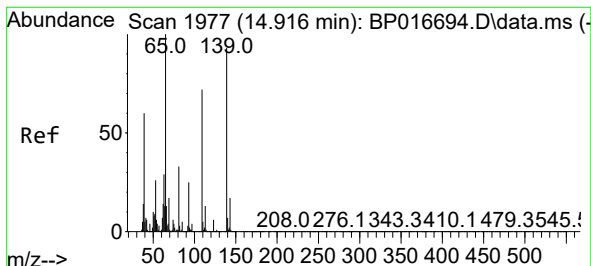
Tgt Ion:153 Resp: 923767
Ion Ratio Lower Upper
153 100
152 47.2 38.7 58.1
154 88.5 72.0 108.0



#53
2,4-Dinitrophenol
Concen: 23.125 ng/ul
RT: 14.828 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:184 Resp: 120724
Ion Ratio Lower Upper
184 100
63 80.5 65.0 97.6
154 65.2 56.2 84.2

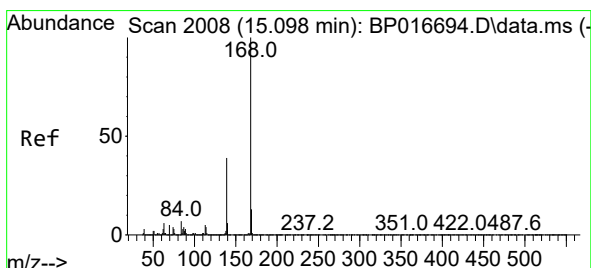
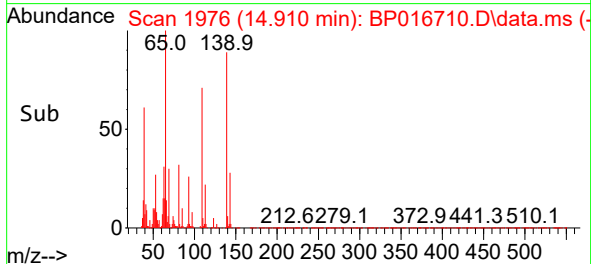
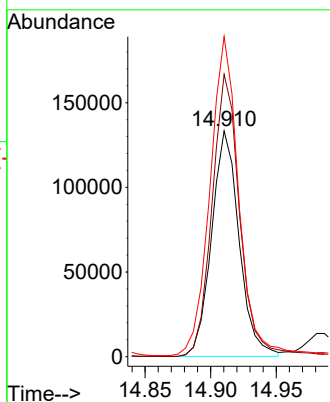
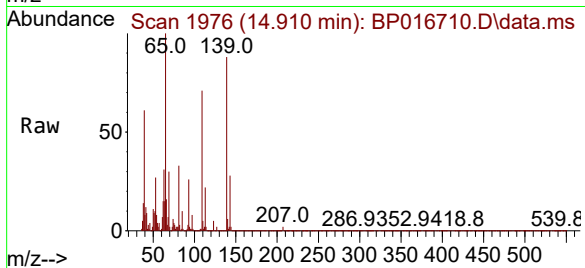




#55
4-Nitrophenol
Concen: 22.153 ng/ul
RT: 14.910 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

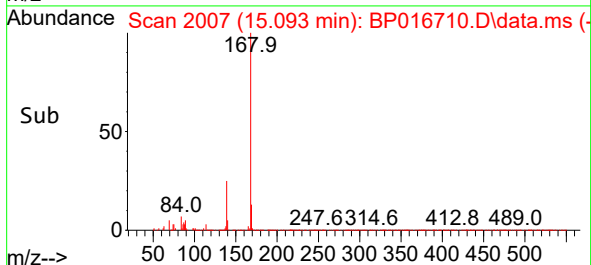
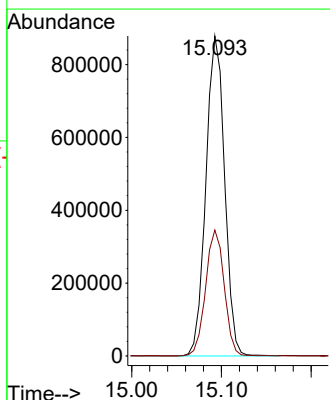
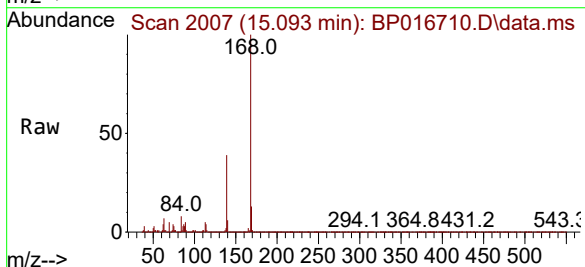
Instrument :
BNA_P
ClientSampleId :
SSTD020698

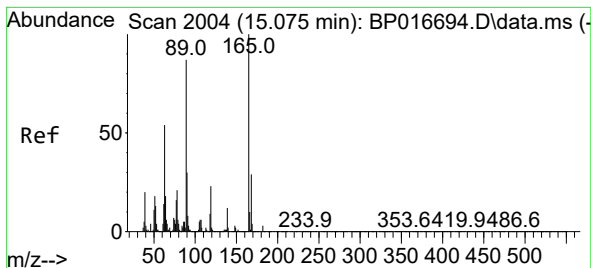
Tgt Ion:109 Resp: 194272
Ion Ratio Lower Upper
109 100
139 125.0 101.1 151.7
65 141.7 108.9 163.3



#56
Dibenzofuran
Concen: 19.769 ng/ul
RT: 15.093 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:168 Resp: 1270887
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.0

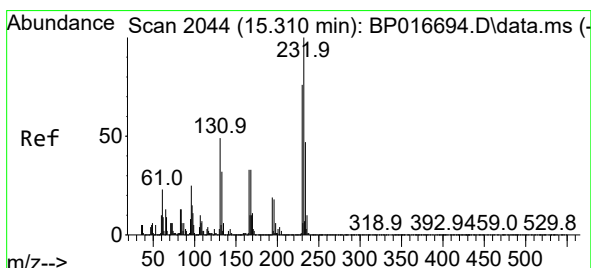
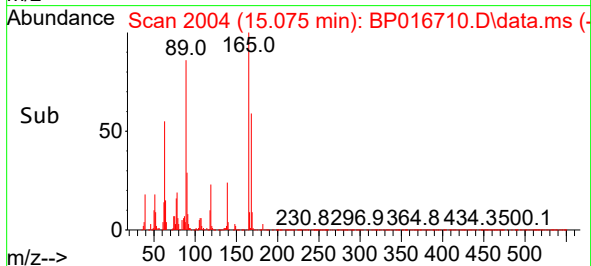
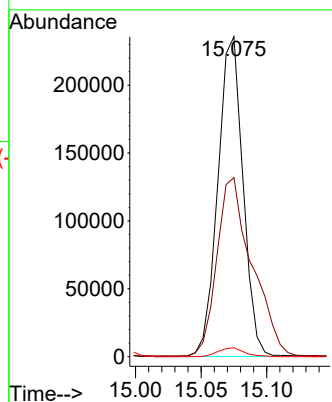
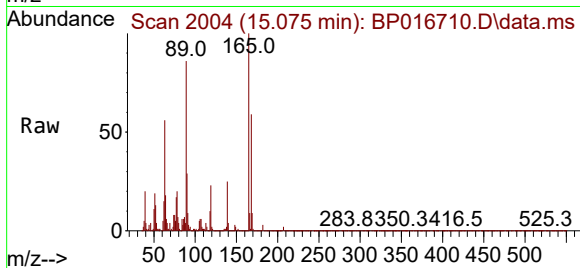




#57
2,4-Dinitrotoluene
Concen: 22.341 ng/ul
RT: 15.075 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

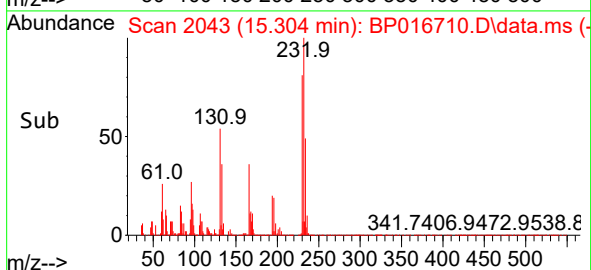
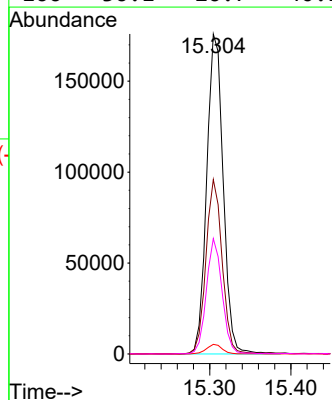
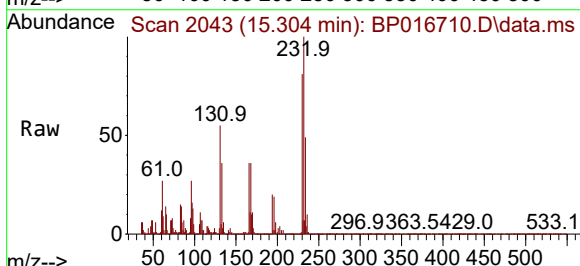
Instrument :
BNA_P
ClientSampleId :
SSTD020698

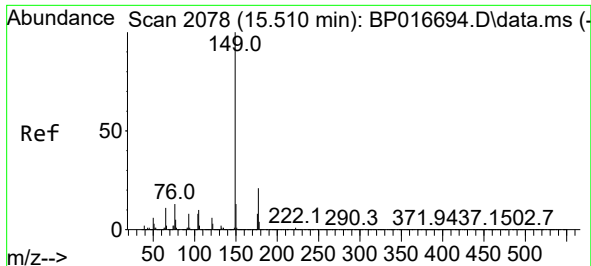
Tgt Ion:165 Resp: 313733
Ion Ratio Lower Upper
165 100
63 56.0 40.4 60.6
182 2.8 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.384 ng/ul
RT: 15.304 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:232 Resp: 247745
Ion Ratio Lower Upper
232 100
131 54.5 42.9 64.3
130 3.0 2.2 3.4
166 36.1 26.7 40.1

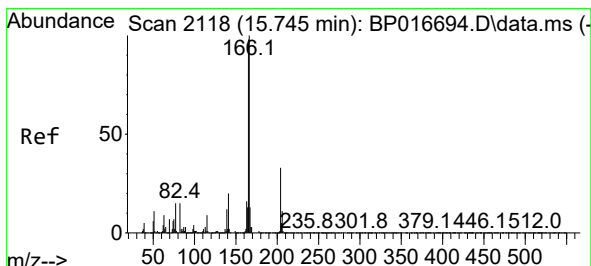
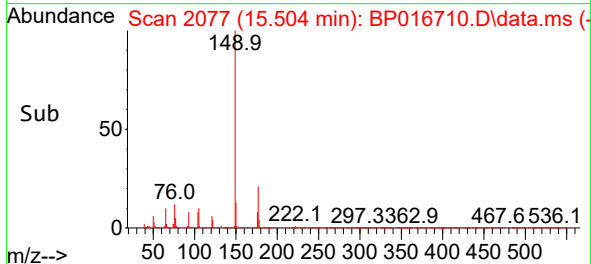
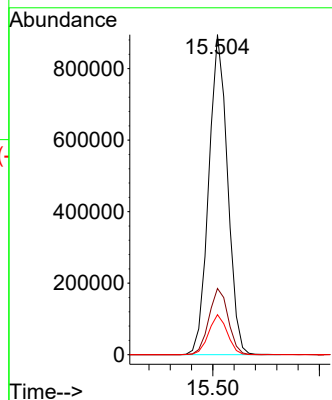
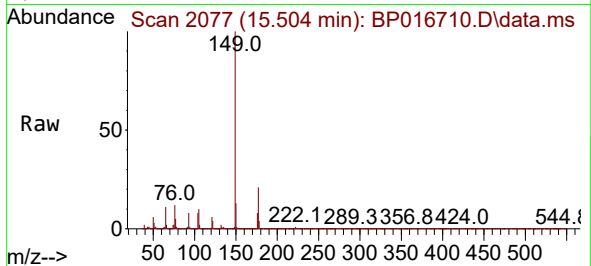




#59
Diethylphthalate
Concen: 19.789 ng/ul
RT: 15.504 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

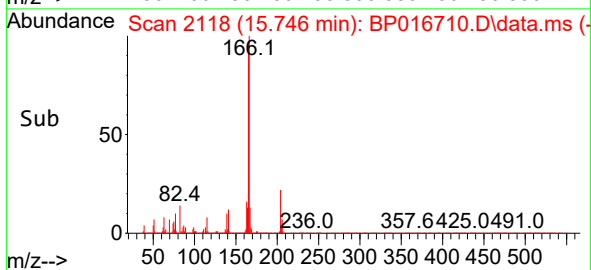
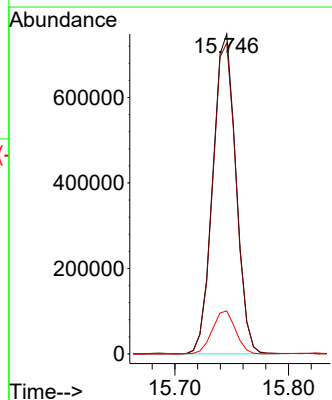
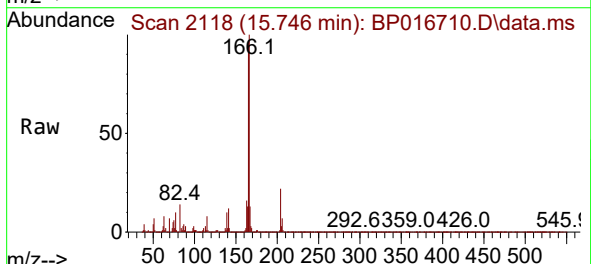
Instrument :
BNA_P
ClientSampleId :
SSTD020698

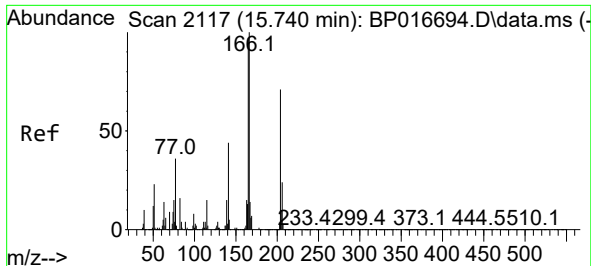
Tgt Ion:149 Resp: 1095441
Ion Ratio Lower Upper
149 100
177 20.7 16.5 24.7
150 12.5 10.0 15.0



#61
Fluorene
Concen: 20.044 ng/ul
RT: 15.746 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:166 Resp: 1056561
Ion Ratio Lower Upper
166 100
165 97.2 78.3 117.5
167 13.4 10.8 16.2

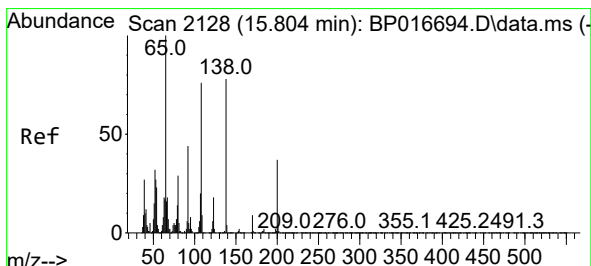
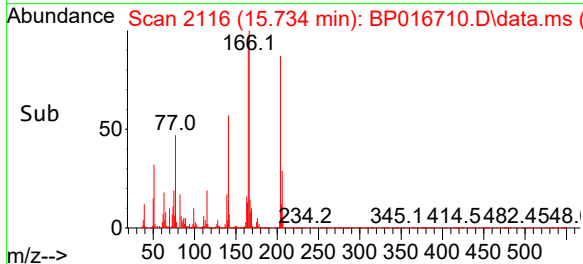
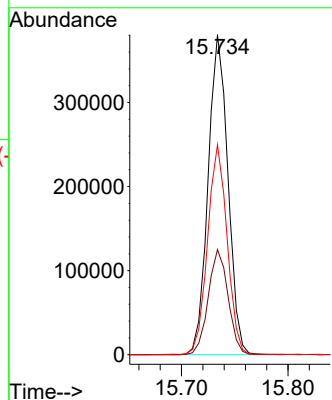
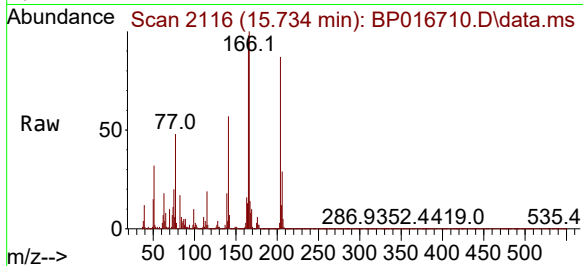




#62
4-Chlorophenyl-phenylether
Concen: 19.886 ng/ul
RT: 15.734 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

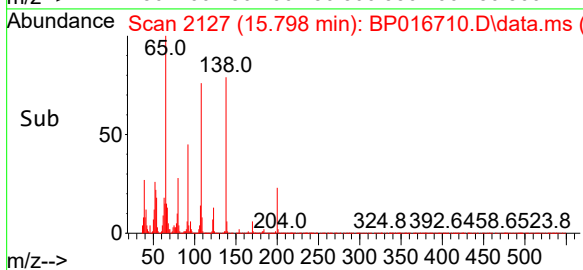
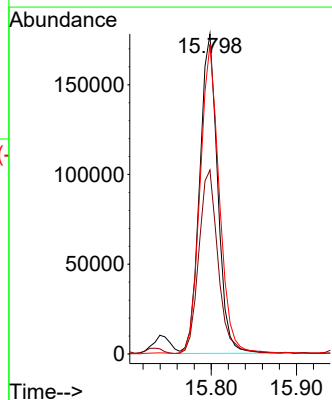
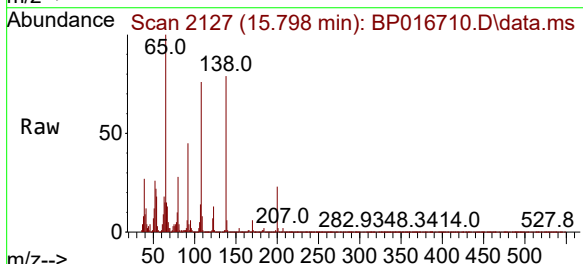
Instrument :
BNA_P
ClientSampleId :
SSTD020698

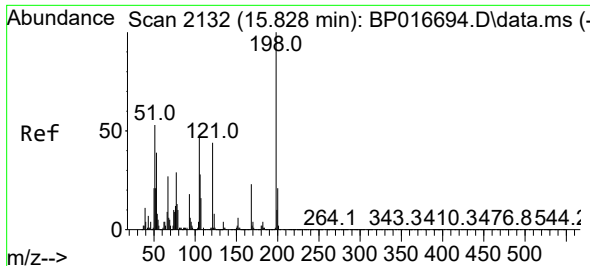
Tgt Ion:204 Resp: 492076
Ion Ratio Lower Upper
204 100
206 32.9 25.5 38.3
141 65.6 52.2 78.2



#63
4-Nitroaniline
Concen: 25.907 ng/ul
RT: 15.798 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:138 Resp: 260692
Ion Ratio Lower Upper
138 100
92 57.5 46.7 70.1
108 96.8 73.7 110.5

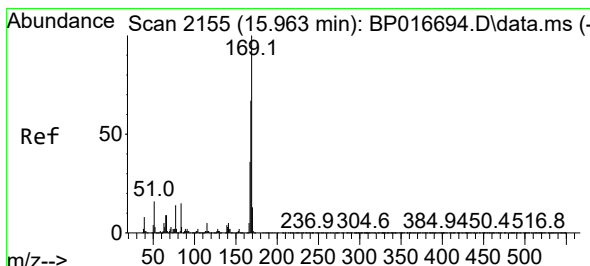
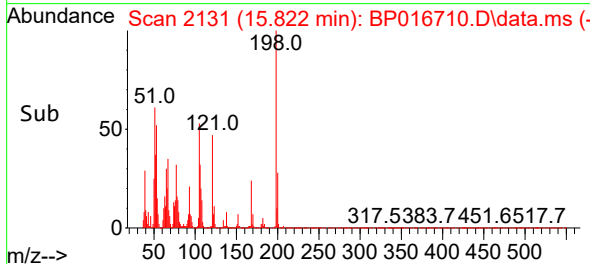
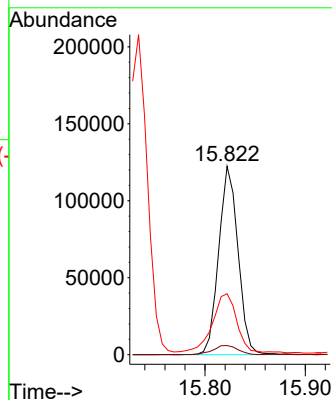
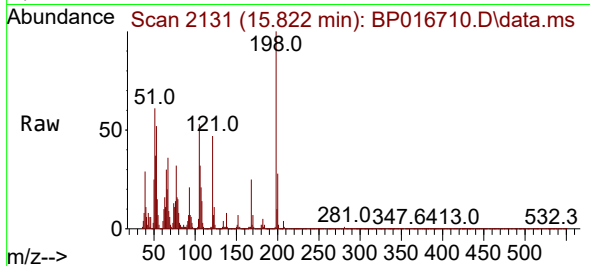




#66
4,6-Dinitro-2-methylphenol
Concen: 17.933 ng/ul
RT: 15.822 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

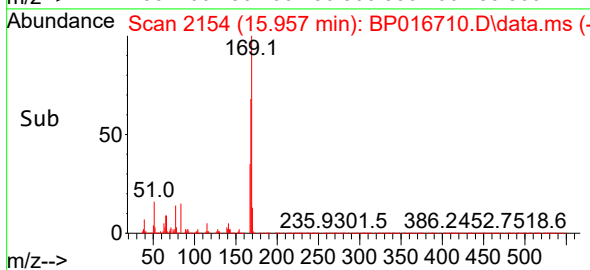
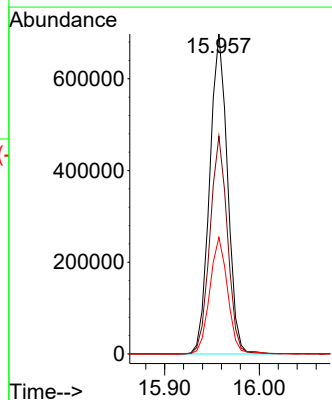
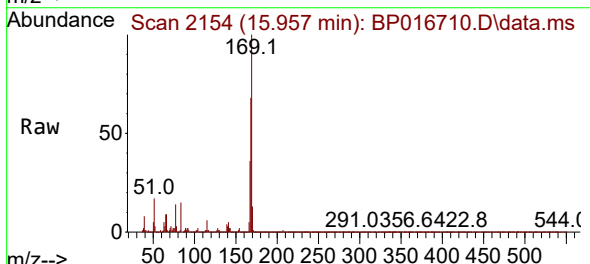
Instrument :
BNA_P
ClientSampleId :
SSTD020698

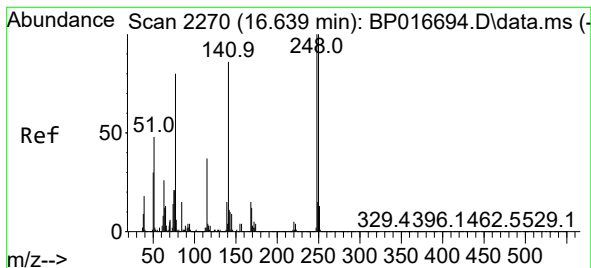
Tgt Ion:198 Resp: 163249
Ion Ratio Lower Upper
198 100
182 4.9 3.9 5.9
77 32.4 25.8 38.6



#67
N-Nitrosodiphenylamine
Concen: 19.453 ng/ul
RT: 15.957 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:169 Resp: 910037
Ion Ratio Lower Upper
169 100
168 68.1 53.9 80.9
167 36.5 29.0 43.6

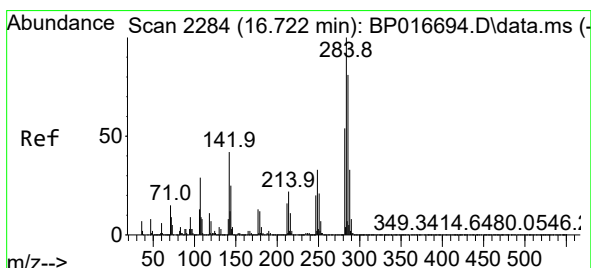
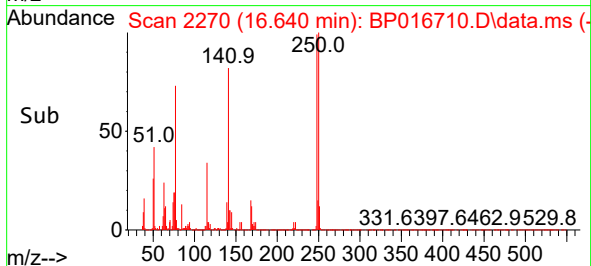
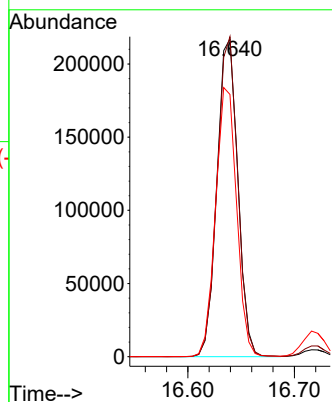
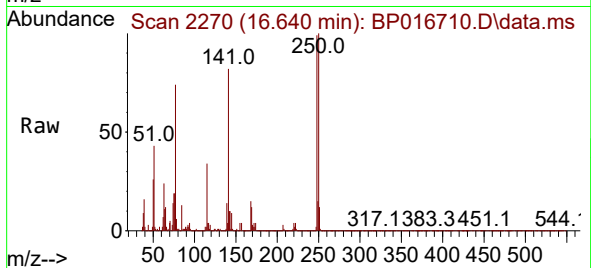




#68
4-Bromophenyl-phenylether
Concen: 19.184 ng/ul
RT: 16.640 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

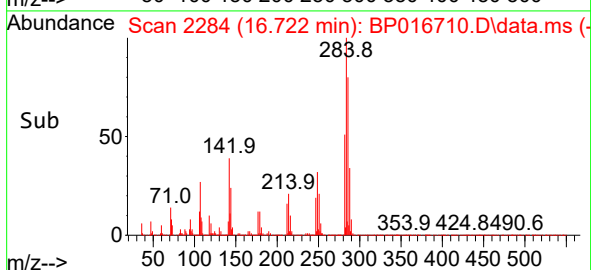
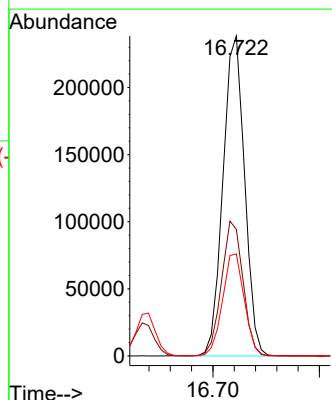
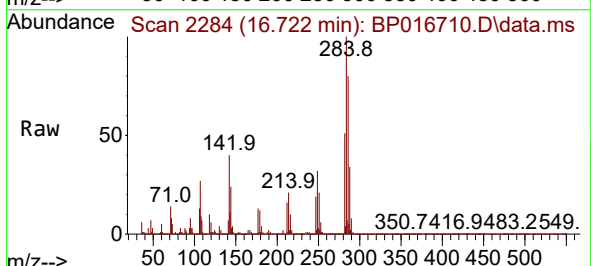
Instrument :
BNA_P
ClientSampleId :
SSTD020698

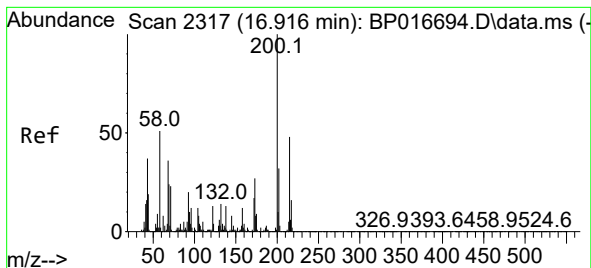
Tgt Ion:248 Resp: 295603
Ion Ratio Lower Upper
248 100
250 100.8 76.9 115.3
141 82.6 67.6 101.4



#69
Hexachlorobenzene
Concen: 18.627 ng/ul
RT: 16.722 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:284 Resp: 335377
Ion Ratio Lower Upper
284 100
142 39.5 31.9 47.9
249 31.9 24.7 37.1





#70

Atrazine

Concen: 19.697 ng/ul

RT: 16.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

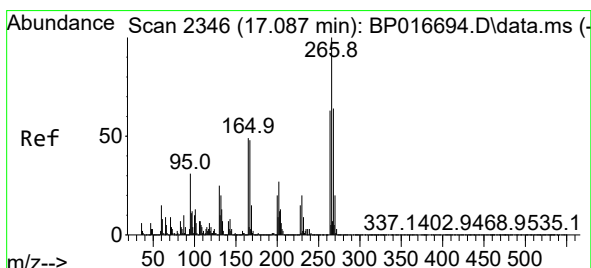
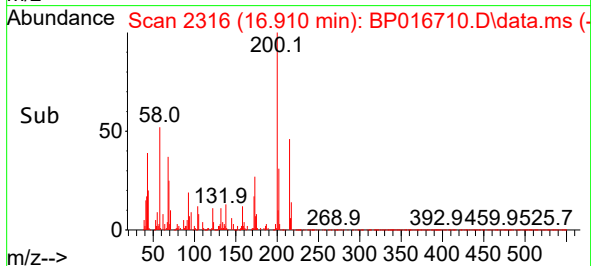
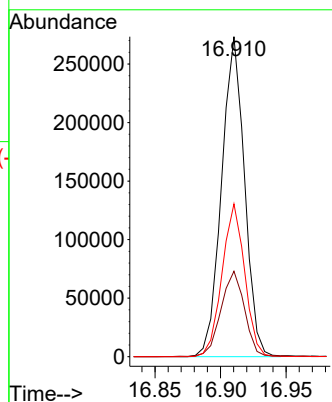
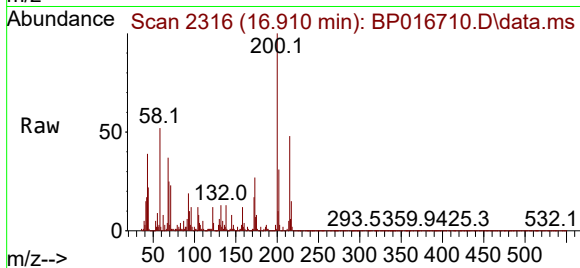
Tgt Ion:200 Resp: 331502

Ion Ratio Lower Upper

200 100

173 26.7 22.2 33.2

215 47.7 38.4 57.6



#71

Pentachlorophenol

Concen: 20.626 ng/ul

RT: 17.081 min Scan# 2345

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

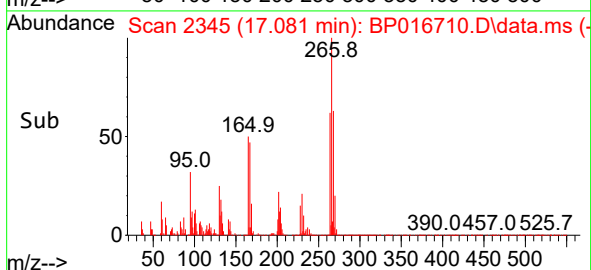
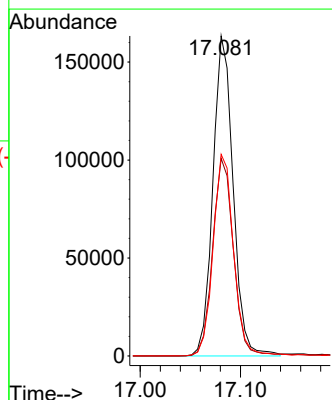
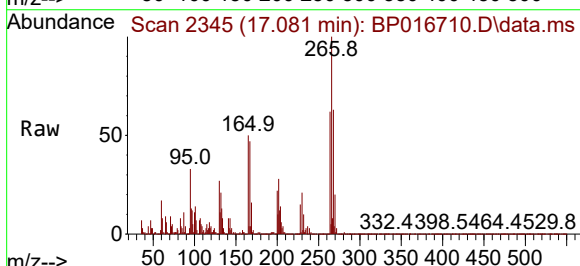
Tgt Ion:266 Resp: 228646

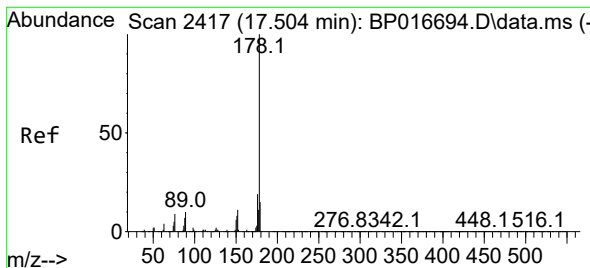
Ion Ratio Lower Upper

266 100

264 61.7 50.7 76.1

268 63.0 53.0 79.6





#72

Phenanthrene

Concen: 19.531 ng/ul

RT: 17.504 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

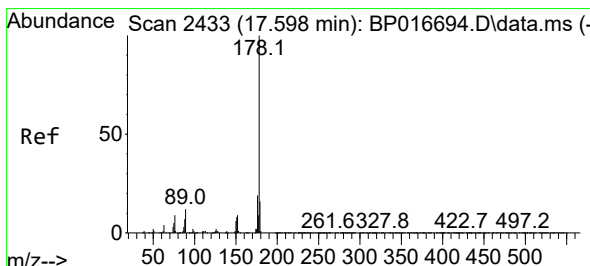
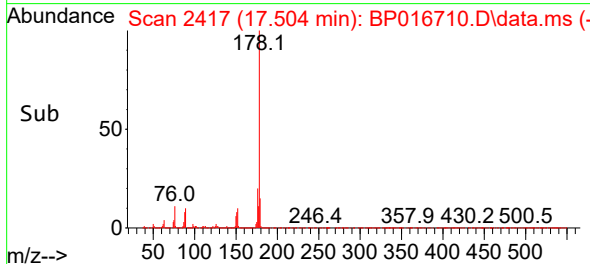
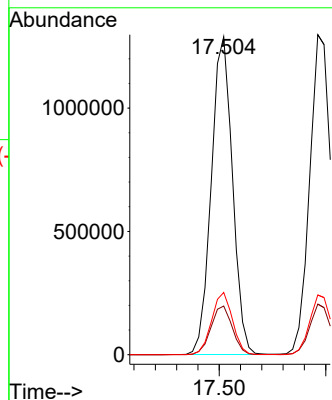
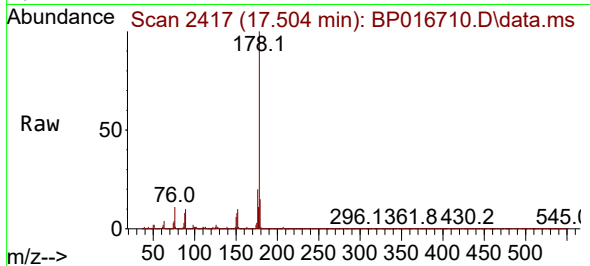
Tgt Ion:178 Resp: 1775817

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.6 15.5 23.3



#74

Anthracene

Concen: 20.049 ng/ul

RT: 17.593 min Scan# 2432

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

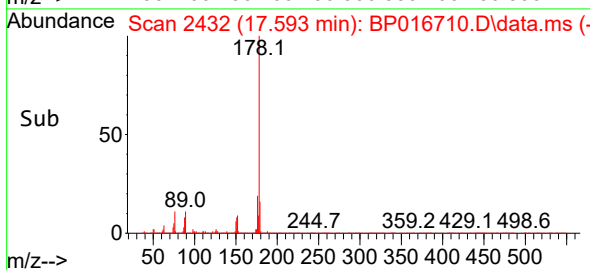
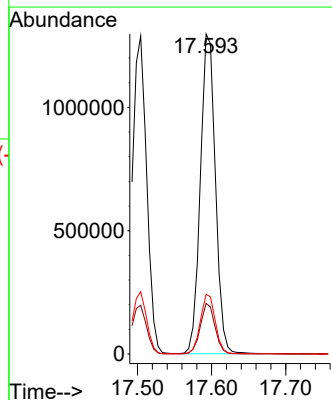
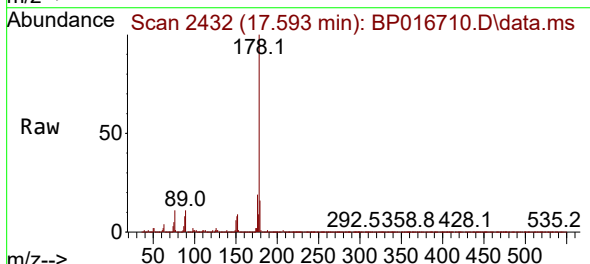
Tgt Ion:178 Resp: 1831034

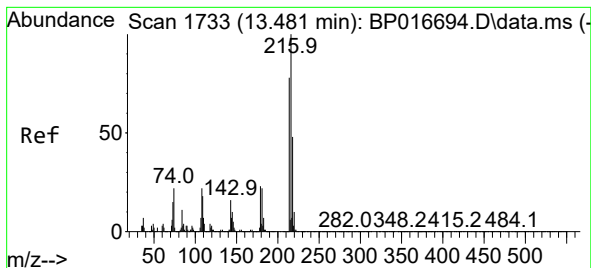
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 18.7 14.9 22.3

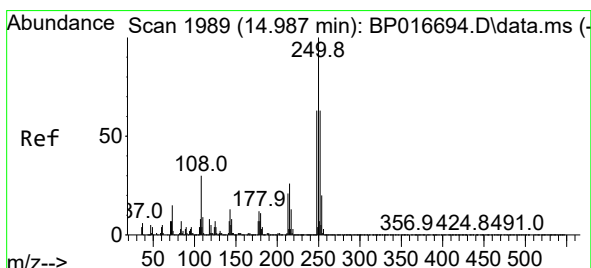
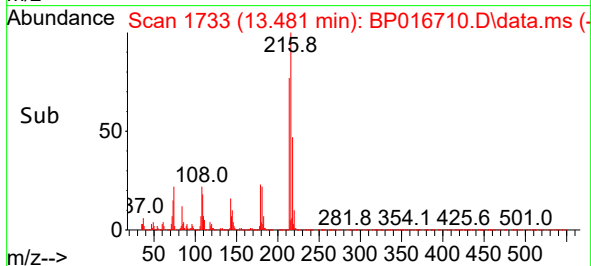
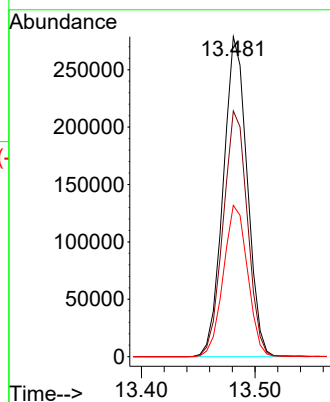
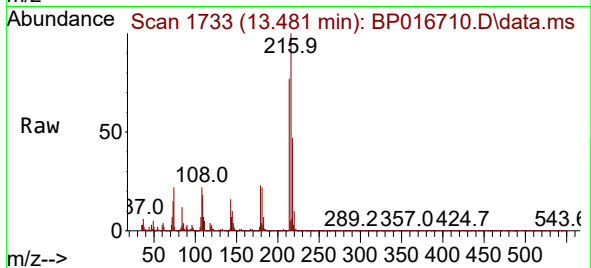




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.636 ng/uL
RT: 13.481 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

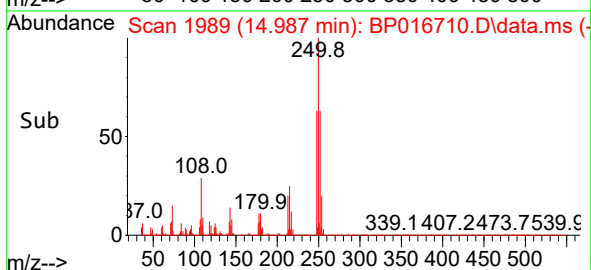
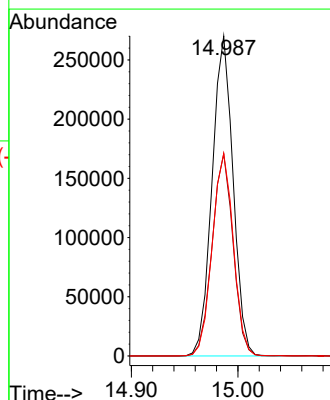
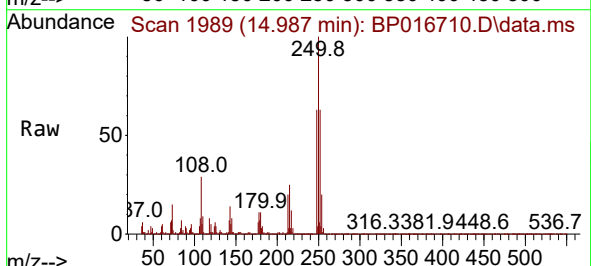
Instrument :
BNA_P
ClientSampleId :
SSTD020698

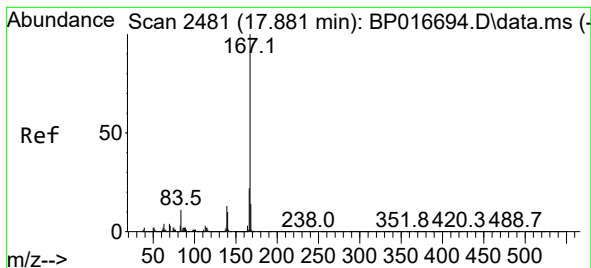
Tgt Ion:216 Resp: 408726
Ion Ratio Lower Upper
216 100
214 76.8 65.4 98.2
218 47.3 39.3 58.9



#76
Pentachlorobenzene
Concen: 18.762 ng/uL
RT: 14.987 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP016710.D
Acq: 22 Aug 2023 19:25

Tgt Ion:250 Resp: 369209
Ion Ratio Lower Upper
250 100
248 63.2 50.2 75.2
252 63.3 51.0 76.4





#77

Carbazole

Concen: 20.913 ng/ul

RT: 17.875 min Scan# 2481

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

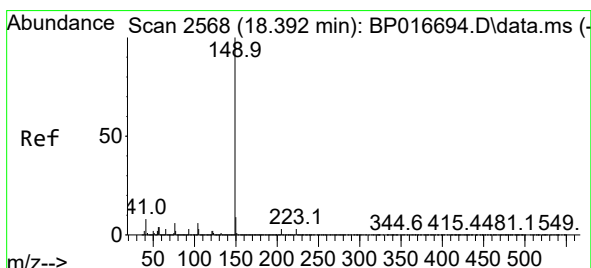
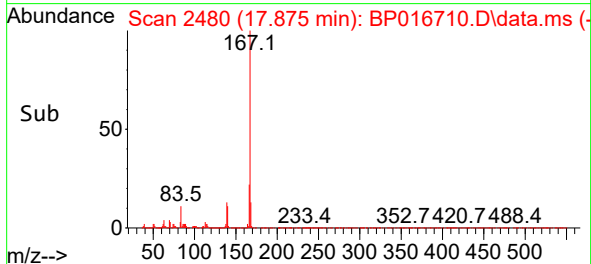
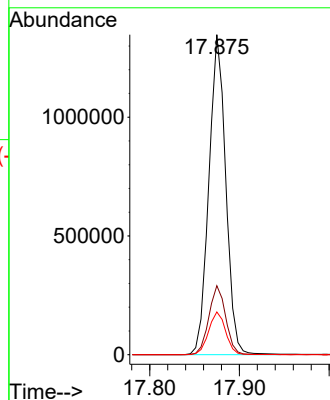
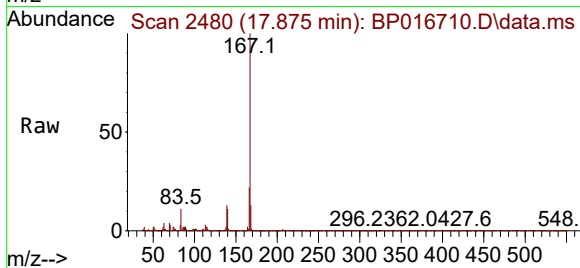
Tgt Ion:167 Resp: 1760121

Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

139 13.4 10.6 16.0



#78

Di-n-butylphthalate

Concen: 20.807 ng/ul

RT: 18.387 min Scan# 2567

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

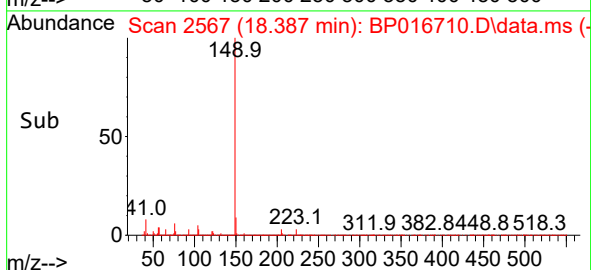
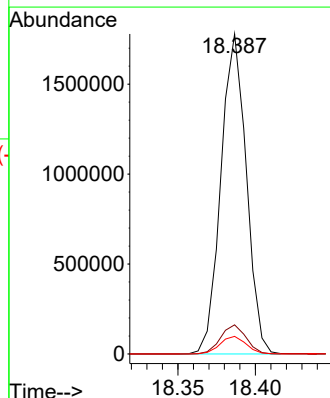
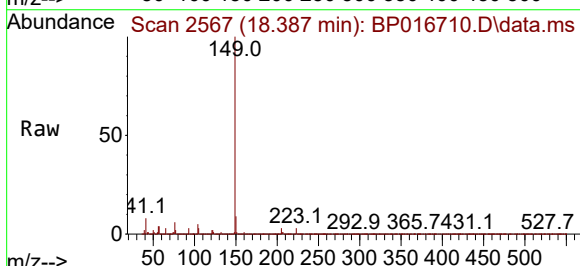
Tgt Ion:149 Resp: 2027147

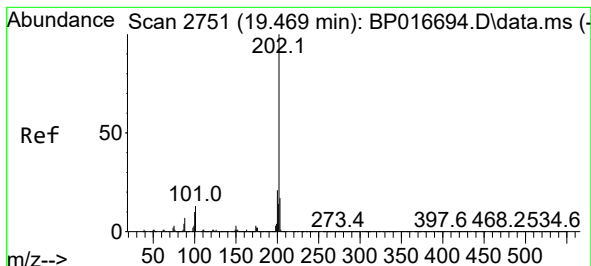
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.6 6.8





#80

Fluoranthene

Concen: 19.453 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

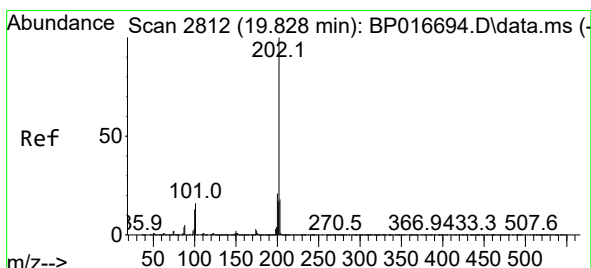
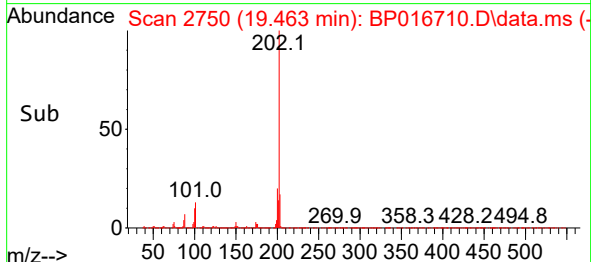
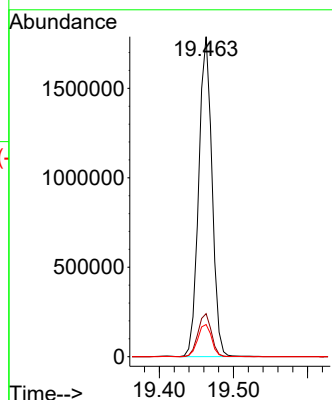
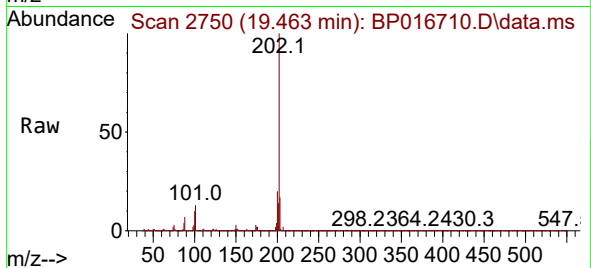
Tgt Ion:202 Resp: 2224417

Ion Ratio Lower Upper

202 100

101 13.5 10.6 16.0

100 10.1 8.1 12.1



#82

Pyrene

Concen: 19.380 ng/ul

RT: 19.822 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

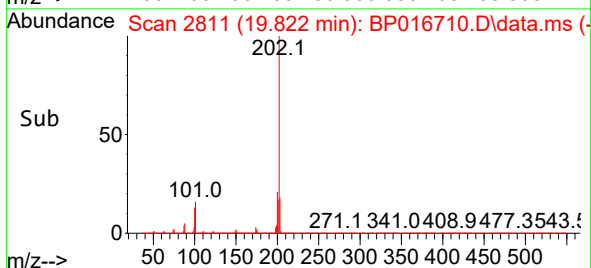
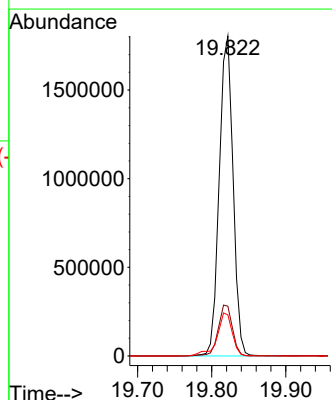
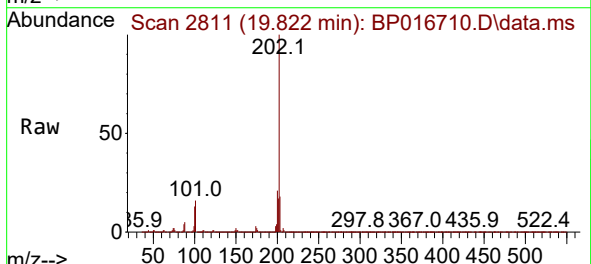
Tgt Ion:202 Resp: 2340129

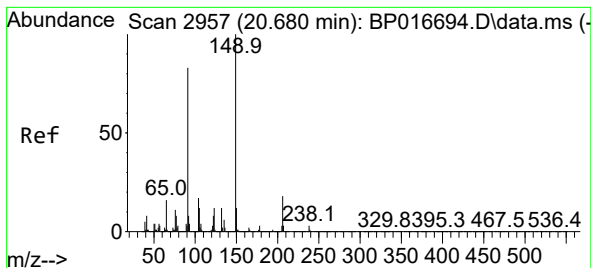
Ion Ratio Lower Upper

202 100

101 15.6 13.4 20.2

100 12.9 11.0 16.4





#83

Butylbenzylphthalate

Concen: 21.278 ng/ul

RT: 20.675 min Scan# 2957

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

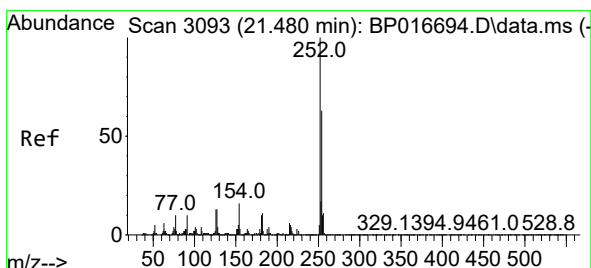
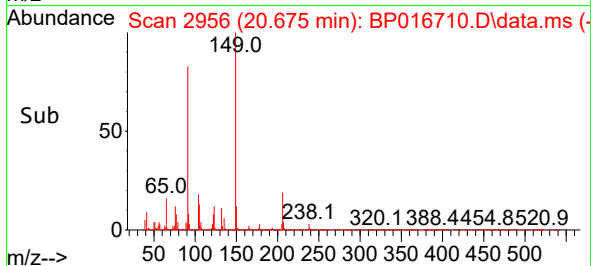
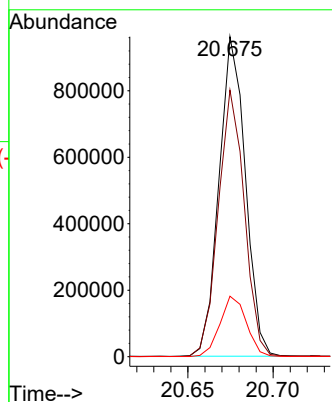
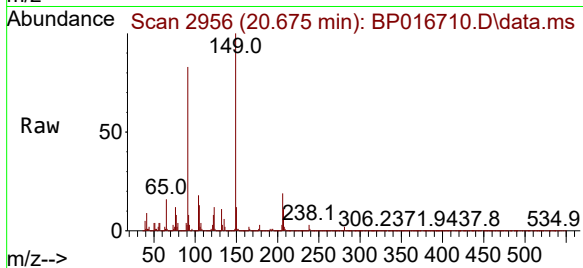
Tgt Ion:149 Resp: 1035041

Ion Ratio Lower Upper

149 100

91 83.3 67.8 101.6

206 18.9 14.4 21.6



#84

3,3'-Dichlorobenzidine

Concen: 18.397 ng/ul

RT: 21.475 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

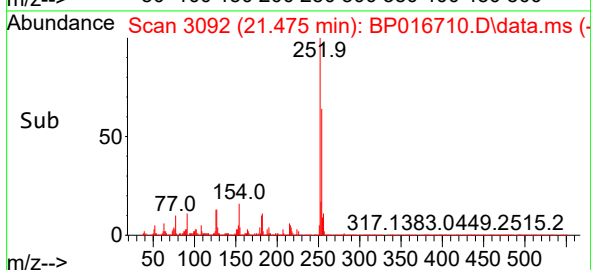
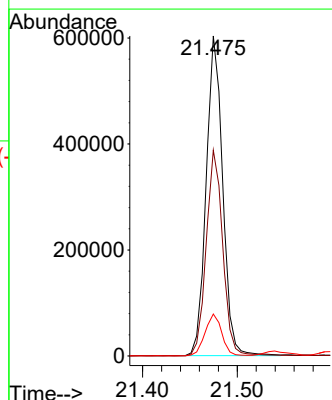
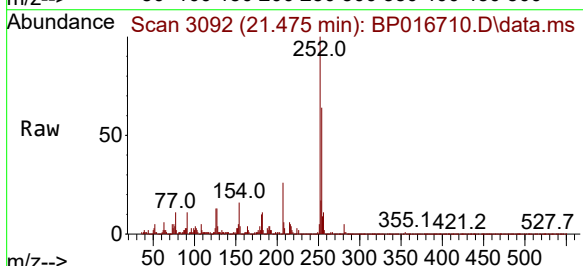
Tgt Ion:252 Resp: 732487

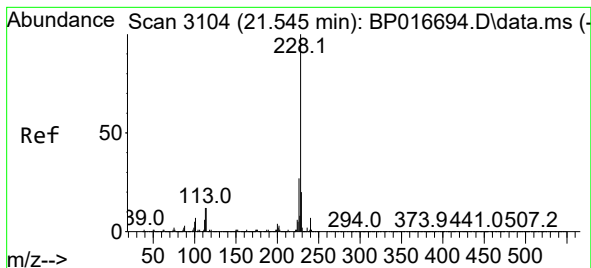
Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

126 13.1 10.2 15.4





#85

Benzo(a)anthracene

Concen: 19.789 ng/ul

RT: 21.539 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

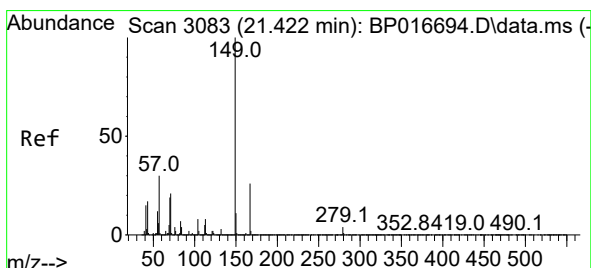
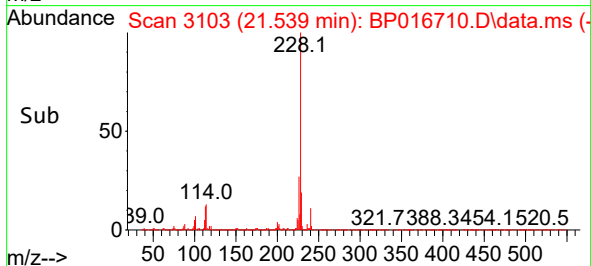
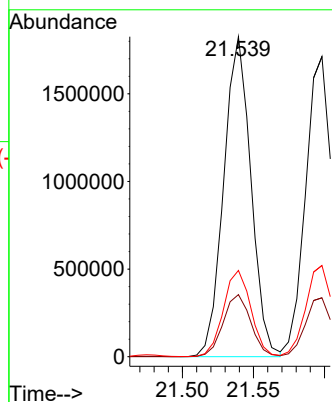
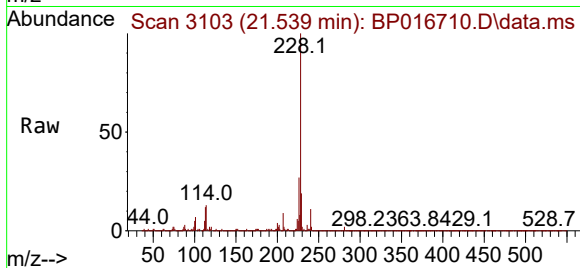
Tgt Ion:228 Resp: 2431799

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.6

226 27.0 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.928 ng/ul

RT: 21.416 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

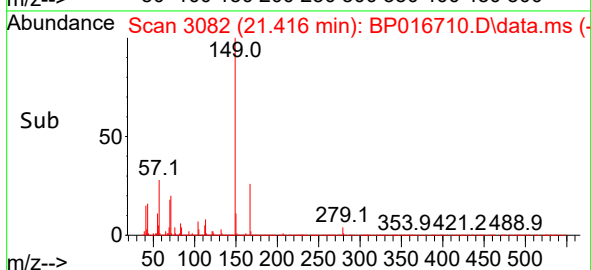
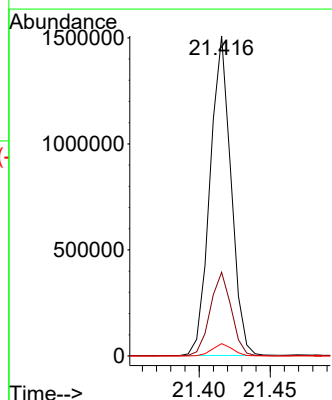
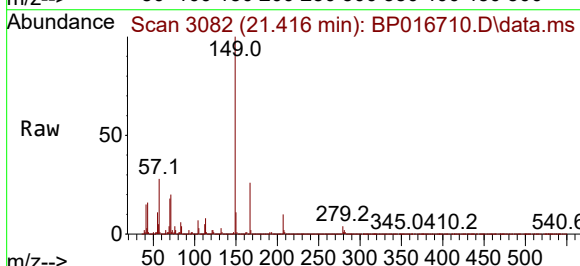
Tgt Ion:149 Resp: 1548000

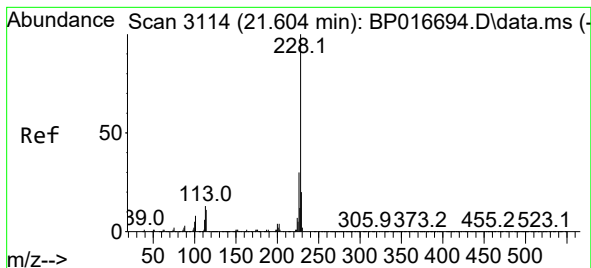
Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

279 3.8 2.6 4.0





#87

Chrysene

Concen: 19.431 ng/ul

RT: 21.598 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

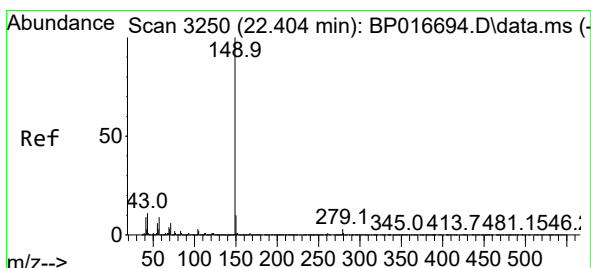
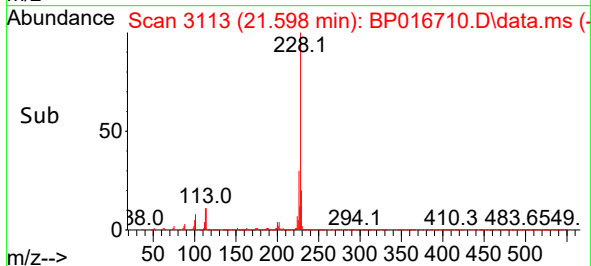
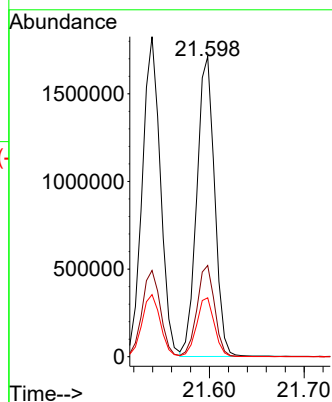
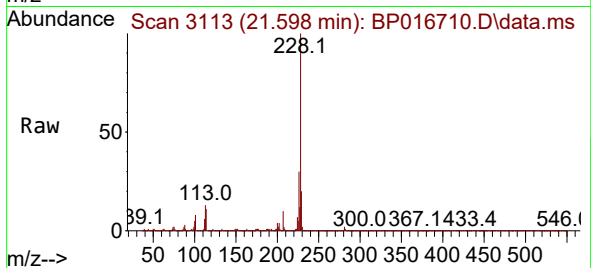
Tgt Ion:228 Resp: 2234427

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

229 19.6 16.4 24.6



#89

Di-n-octyl phthalate

Concen: 22.307 ng/ul

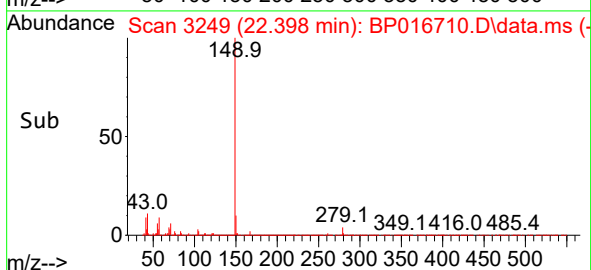
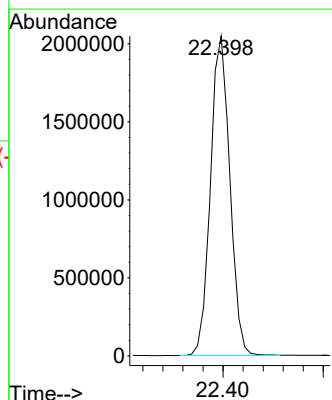
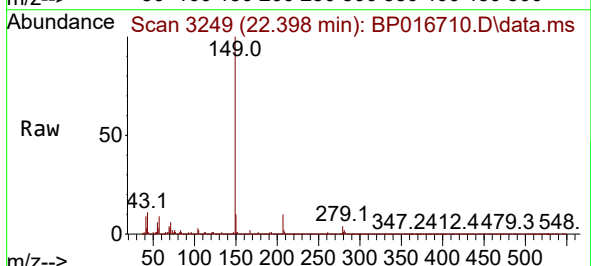
RT: 22.398 min Scan# 3249

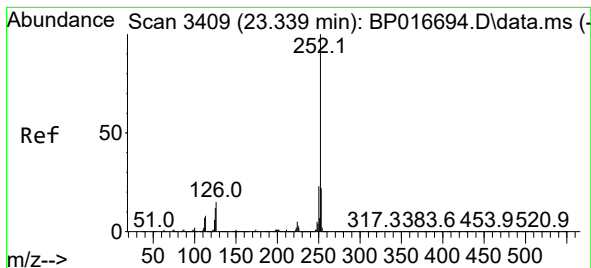
Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Tgt Ion:149 Resp: 2749145





#90

Benzo(b)fluoranthene

Concen: 20.089 ng/ul

RT: 23.327 min Scan# 3409

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

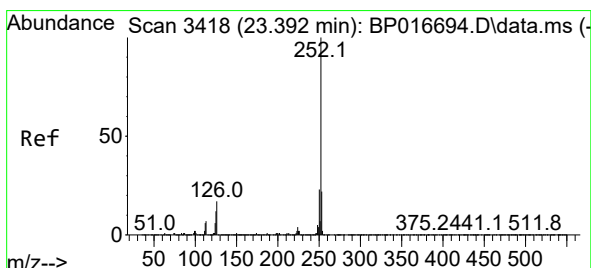
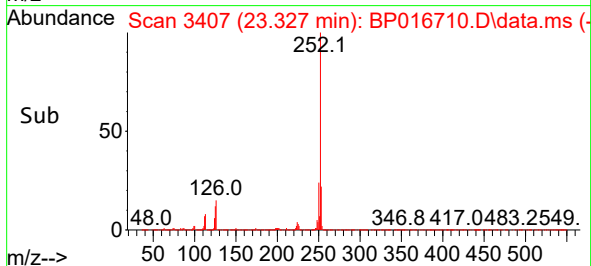
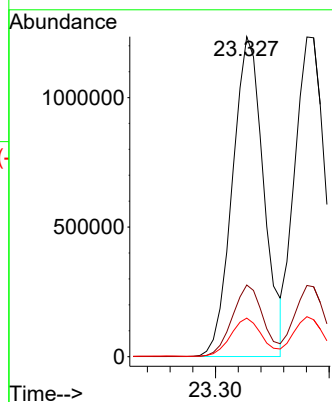
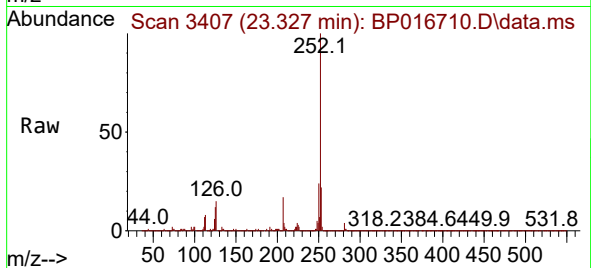
Tgt Ion:252 Resp: 2362444

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 12.0 10.0 15.0



#91

Benzo(k)fluoranthene

Concen: 19.617 ng/ul

RT: 23.380 min Scan# 3416

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

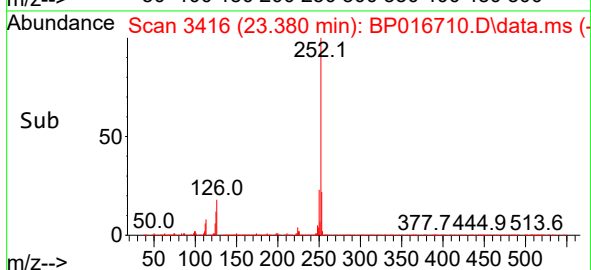
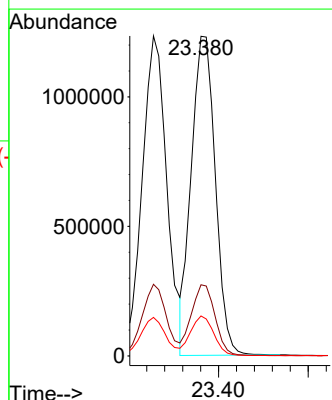
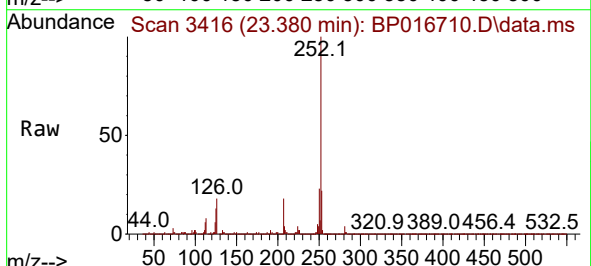
Tgt Ion:252 Resp: 2288639

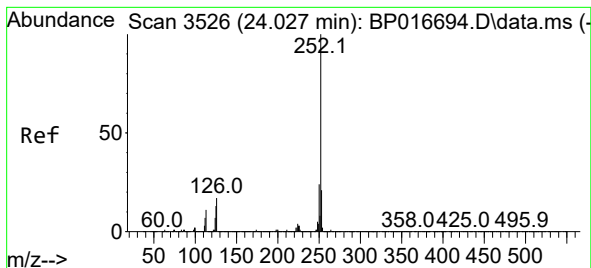
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 12.5 9.8 14.8





#93

Benzo(a)pyrene

Concen: 19.544 ng/ul

RT: 24.016 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

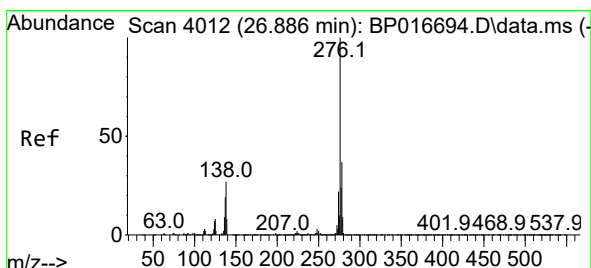
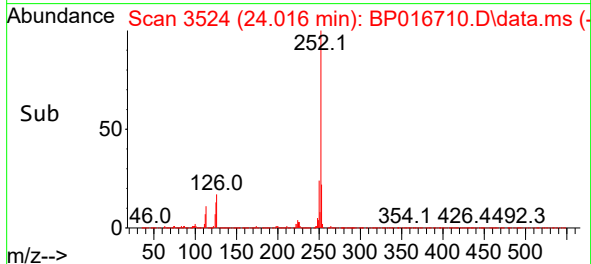
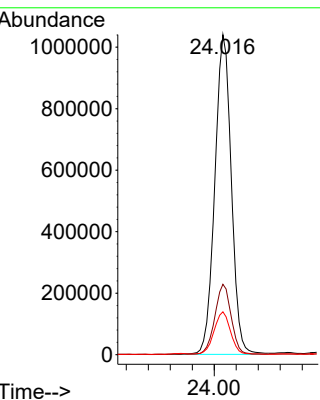
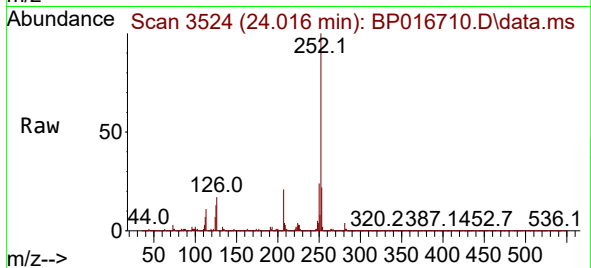
Tgt Ion:252 Resp: 2168181

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 13.4 10.6 15.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.090 ng/ul

RT: 26.868 min Scan# 4009

Delta R.T. -0.018 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

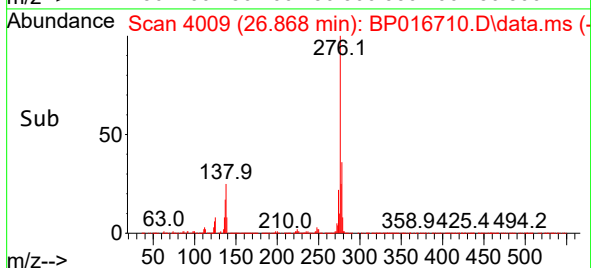
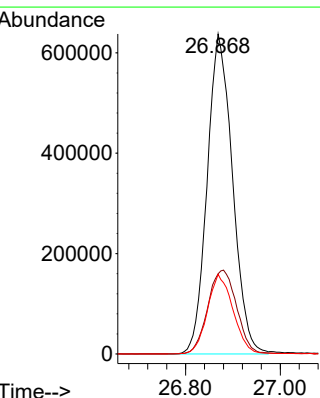
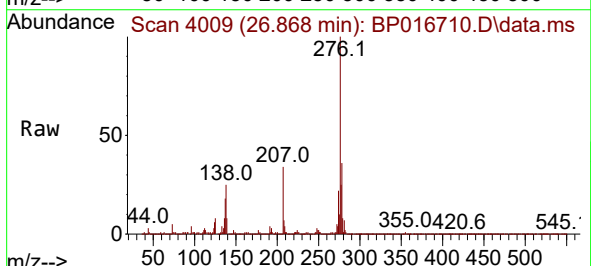
Tgt Ion:276 Resp: 2368486

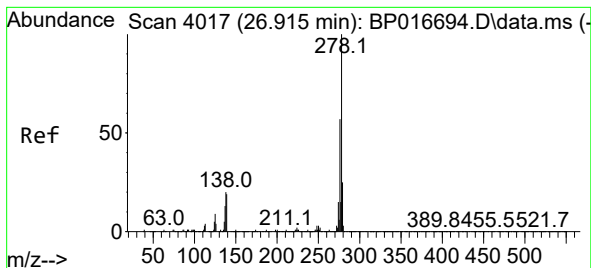
Ion Ratio Lower Upper

276 100

138 25.1 21.7 32.5

277 24.9 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 17.881 ng/ul

RT: 26.898 min Scan# 4017

Delta R.T. -0.018 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Instrument :

BNA_P

ClientSampleId :

SSTD020698

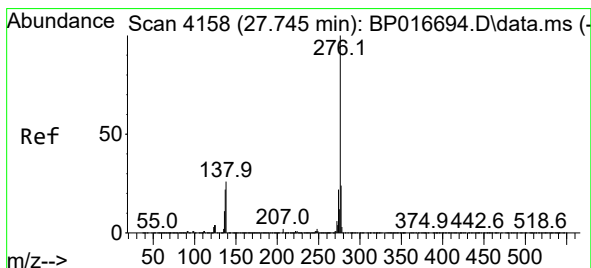
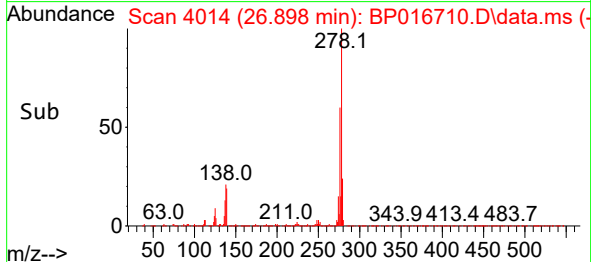
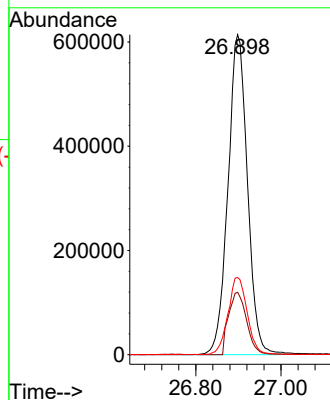
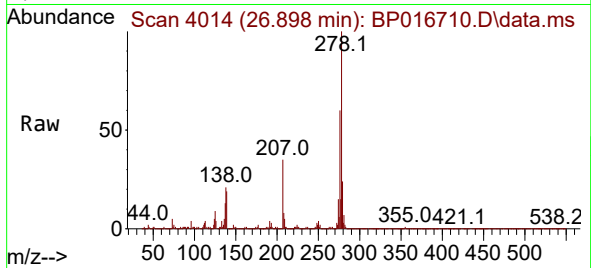
Tgt Ion:278 Resp: 1948277

Ion Ratio Lower Upper

278 100

139 19.5 15.5 23.3

279 24.1 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 17.916 ng/ul

RT: 27.727 min Scan# 4155

Delta R.T. -0.018 min

Lab File: BP016710.D

Acq: 22 Aug 2023 19:25

Tgt Ion:276 Resp: 1866978

Ion Ratio Lower Upper

276 100

138 25.3 21.5 32.3

277 24.7 19.3 28.9

