

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
 Data File : BP017915.D
 Acq On : 06 Nov 2023 15:55
 Operator : MA/JU
 Sample : SST01041
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST010604

Quant Time: Nov 07 03:07:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:03:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	68212	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	327289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	229567	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	530031	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	536713	20.000	ng/ul	# 0.00
88) Perylene-d12	23.898	264	582924	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	7360	4.069	ng/uL	0.00
4) Pyridine-d5	3.681	84	42626	8.618	ng/ul	0.00
7) Phenol-d5	7.028	99	56034	8.760	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	35889	9.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	47194	9.397	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	46981	8.886	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	24353	8.672	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	29228	8.983	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	54337	9.159	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	72082	9.007	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	197109	9.281	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	211562	9.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	17966	5.805	ng/ul	0.00
60) Fluorene-d10	15.522	176	166234	9.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	30915	7.976	ng/ul	0.00
73) Anthracene-d10	17.398	188	266893	9.254	ng/ul	0.00
81) Pyrene-d10	19.645	212	320266	8.956	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	311413	9.089	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	8111	4.048	ng/uL	89
5) Pyridine	3.705	79	47668	9.269	ng/ul	93
6) Benzaldehyde	7.034	77	36348	10.216	ng/ul	98
8) Phenol	7.058	94	55993	8.898	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.305	93	46932	9.313	ng/ul	96
12) 2-Chlorophenol	7.416	128	46616	9.314	ng/ul	99
13) 2-Methylphenol	8.316	108	41913	8.664	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.375	45	34373	5.925	ng/ul	98
16) Acetophenone	8.716	105	78820	9.290	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	44094	9.562	ng/ul	97
18) 4-Methylphenol	8.652	108	46707	8.975	ng/ul	94
19) Hexachloroethane	8.916	117	23614	9.266	ng/ul	96
22) Nitrobenzene	9.110	77	65608	8.710	ng/ul	99
23) Isophorone	9.616	82	120143	8.724	ng/ul	98
25) 2-Nitrophenol	9.810	139	31037	9.251	ng/ul	95
26) 2,4-Dimethylphenol	9.851	107	64565	9.212	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	71562	9.407	ng/ul	99
29) 2,4-Dichlorophenol	10.334	162	52029	8.959	ng/ul	94
30) Naphthalene	10.728	128	185376	9.366	ng/ul	99
32) 4-Chloroaniline	10.881	127	68607	8.926	ng/ul	99
33) Hexachlorobutadiene	10.946	225	45626	9.693	ng/ul	98
34) Caprolactam	11.816	113	78	0.045	ng/ul	93
35) 4-Chloro-3-methylphenol	11.987	107	59062	9.082	ng/ul	98
36) 2-Methylnaphthalene	12.340	142	127213	9.327	ng/ul	96

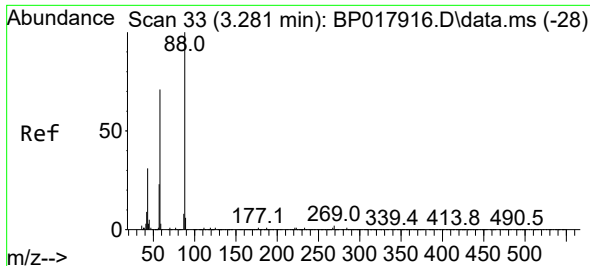
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	131743	9.390	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	77282	9.331	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	28649	6.765	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	48562	9.201	ng/ul	93
42) 2,4,5-Trichlorophenol	13.034	196	49045	8.885	ng/ul	97
43) 1,1'-Biphenyl	13.357	154	177781	9.055	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	141601	9.009	ng/ul	98
45) 2-Nitroaniline	13.657	65	39224	8.378	ng/ul	99
47) Dimethylphthalate	13.992	163	194128	9.270	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	37207	8.980	ng/ul	99
50) Acenaphthylene	14.251	152	237876	9.140	ng/ul	99
51) 3-Nitroaniline	14.492	138	29985	8.079	ng/ul	90
52) Acenaphthene	14.592	153	158424	9.168	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	14937	6.441	ng/ul	98
55) 4-Nitrophenol	14.798	109	29910	8.042	ng/ul	93
56) Dibenzofuran	14.928	168	218156	9.088	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	55664	9.060	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.151	232	49053	9.560	ng/ul	98
59) Diethylphthalate	15.345	149	202668	9.275	ng/ul	97
61) Fluorene	15.581	166	187276	9.243	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.569	204	98359	9.400	ng/ul	96
63) 4-Nitroaniline	15.663	138	27616	7.960	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.692	198	33411	8.251	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	157858	9.265	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	62001	9.464	ng/ul	90
69) Hexachlorobenzene	16.557	284	72035	9.629	ng/ul	97
70) Atrazine	16.757	200	60161	9.656	ng/ul	99
71) Pentachlorophenol	16.933	266	38719	8.898	ng/ul	94
72) Phenanthrene	17.339	178	302046	9.238	ng/ul	99
74) Anthracene	17.433	178	305924	9.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	79806	9.224	ng/uL	98
76) Pentachlorobenzene	14.816	250	82024	9.519	ng/uL	99
77) Carbazole	17.728	167	253520	8.975	ng/ul	99
78) Di-n-butylphthalate	18.233	149	340791	9.213	ng/ul	99
80) Fluoranthene	19.316	202	371942	8.911	ng/ul	98
82) Pyrene	19.674	202	389670	8.970	ng/ul	96
83) Butylbenzylphthalate	20.539	149	157456	8.248	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	119229	8.887	ng/ul	99
85) Benzo(a)anthracene	21.398	228	396006	9.123	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	225161	8.218	ng/ul	98
87) Chrysene	21.451	228	367188	9.138	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	378424	7.687	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	389575	9.188	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	380661	9.005	ng/ul	98
93) Benzo(a)pyrene	23.780	252	356060	9.072	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	437500	9.302	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.551	278	358995	9.191	ng/ul#	96
96) Benzo(g,h,i)perylene	27.351	276	346992	9.260	ng/ul	96

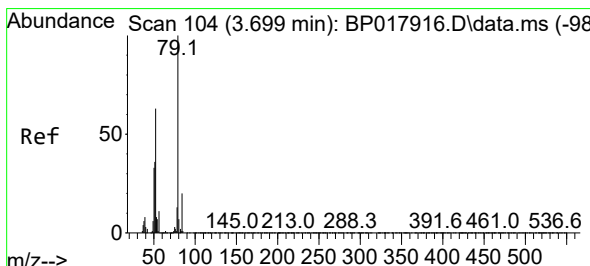
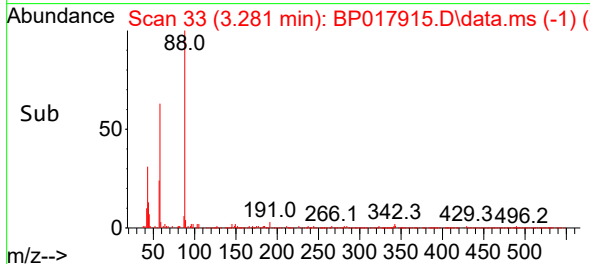
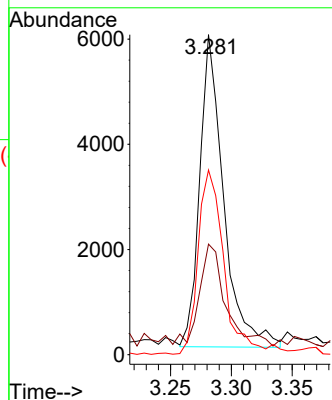
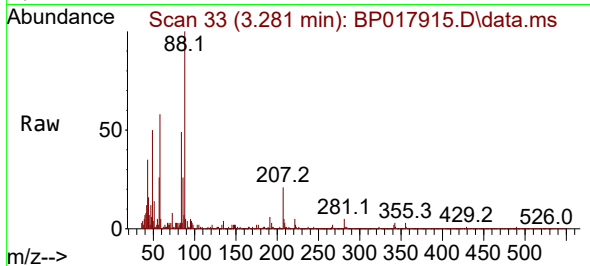
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 4.048 ng/uL
RT: 3.281 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

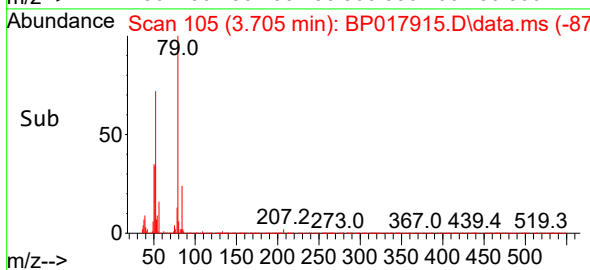
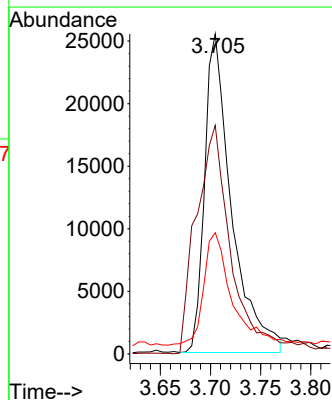
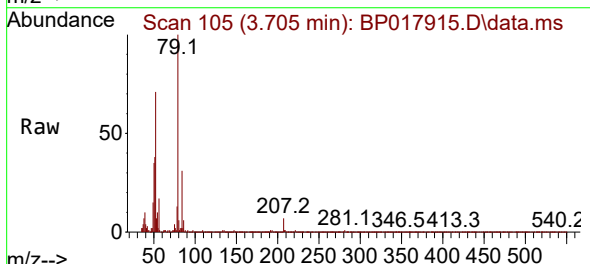
Instrument :
BNA_P
ClientSampleId :
SSTD010604

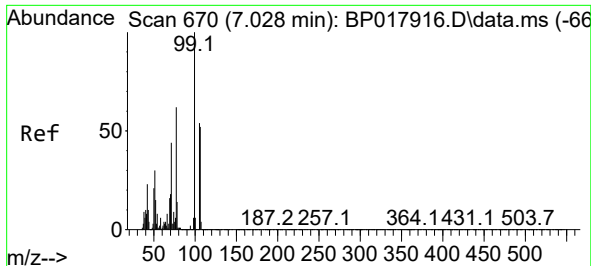
Tgt Ion: 88	Resp: 8111
Ion Ratio	Lower Upper
88 100	
43 34.6	26.2 39.4
58 57.7	55.6 83.4



#5
Pyridine
Concen: 9.269 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion: 79	Resp: 47668
Ion Ratio	Lower Upper
79 100	
52 71.4	51.0 76.6
51 37.9	29.8 44.8

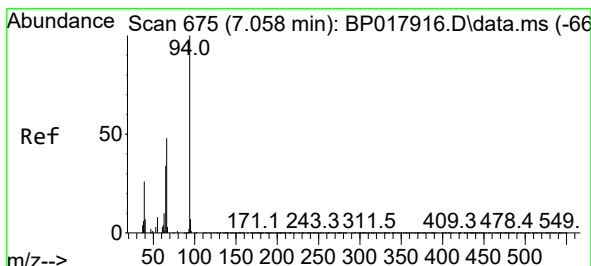
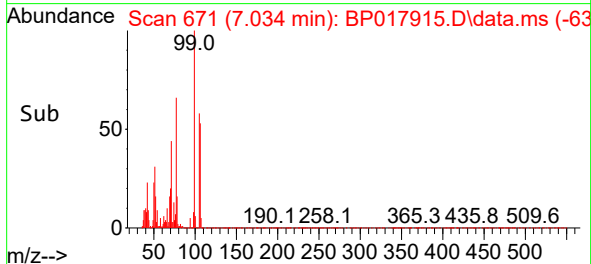
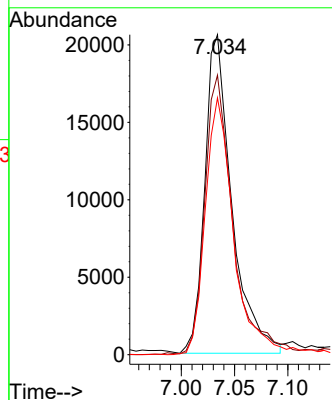
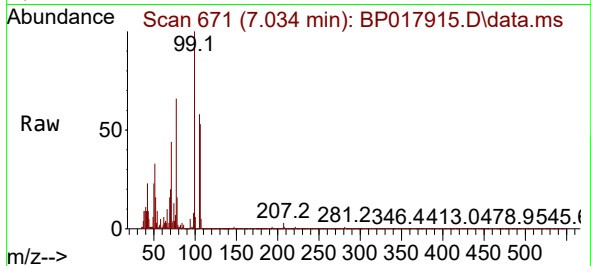




#6
Benzaldehyde
Concen: 10.216 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

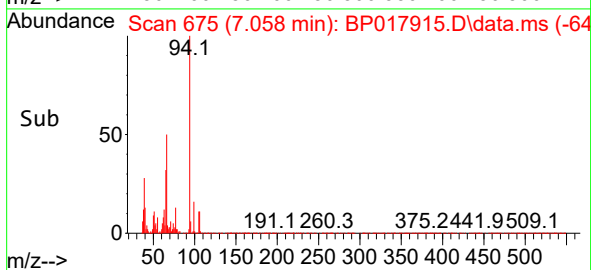
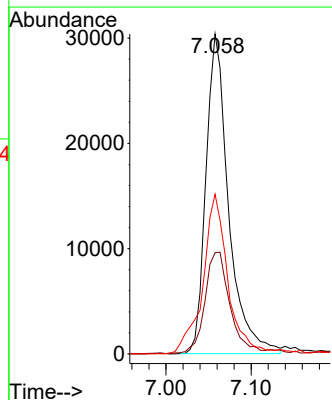
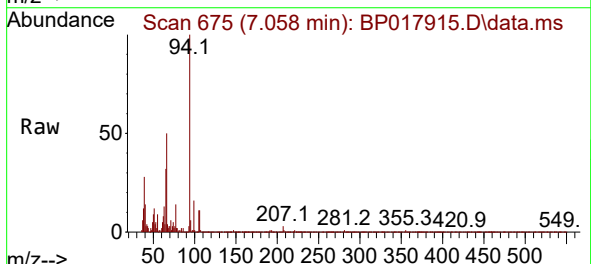
Instrument :
BNA_P
ClientSampleId :
SSTD010604

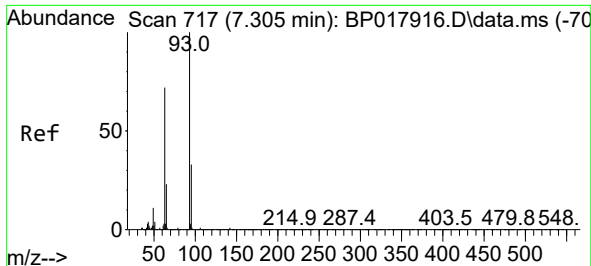
Tgt Ion: 77 Resp: 36348
Ion Ratio Lower Upper
77 100
105 87.3 69.0 103.6
106 80.3 66.2 99.4



#8
Phenol
Concen: 8.898 ng/ul
RT: 7.058 min Scan# 675
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion: 94 Resp: 55993
Ion Ratio Lower Upper
94 100
65 31.7 27.7 41.5
66 49.9 41.7 62.5





#10

Bis(2-Chloroethyl)ether

Concen: 9.313 ng/ul

RT: 7.305 min Scan# 717

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

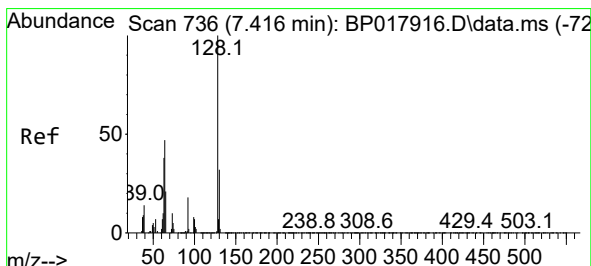
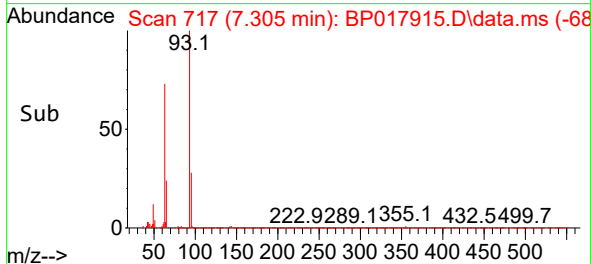
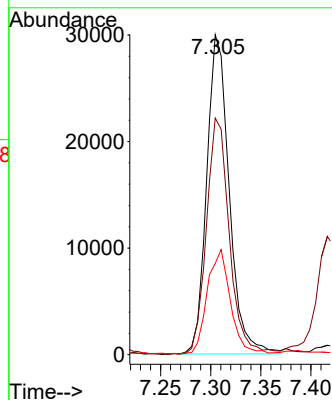
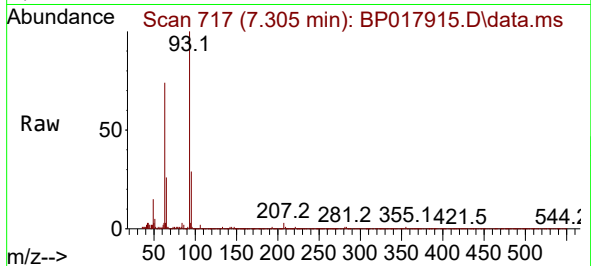
Tgt Ion: 93 Resp: 46932

Ion Ratio Lower Upper

93 100

63 74.0 57.2 85.8

95 28.5 26.2 39.4



#12

2-Chlorophenol

Concen: 9.314 ng/ul

RT: 7.416 min Scan# 736

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

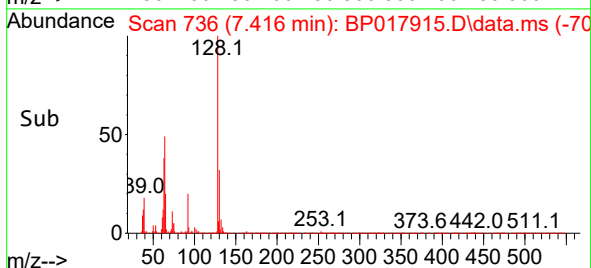
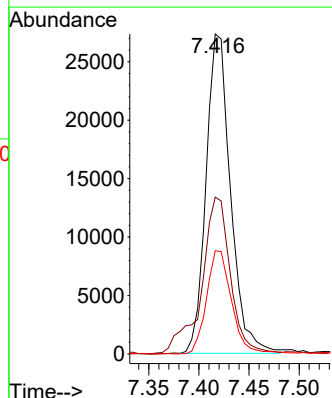
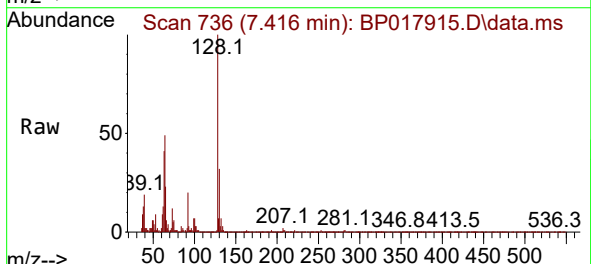
Tgt Ion: 128 Resp: 46616

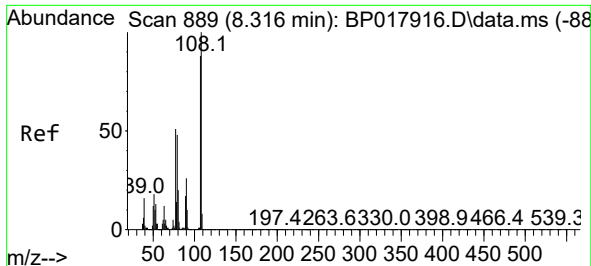
Ion Ratio Lower Upper

128 100

64 49.0 39.8 59.6

130 32.3 25.8 38.8





#13

2-Methylphenol

Concen: 8.664 ng/ul

RT: 8.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

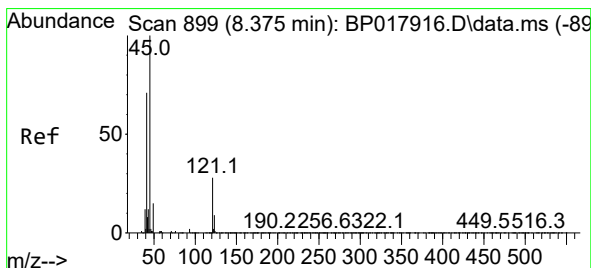
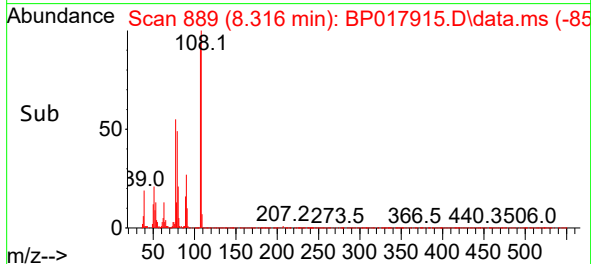
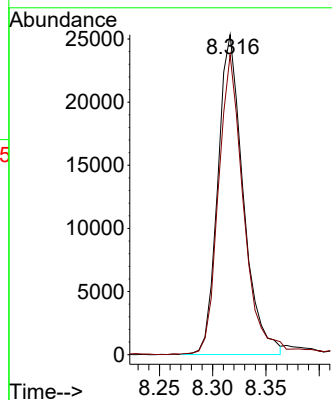
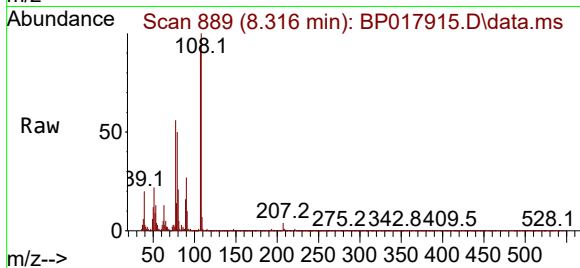
SSTD010604

Tgt Ion:108 Resp: 41913

Ion Ratio Lower Upper

108 100

107 93.7 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.925 ng/ul

RT: 8.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

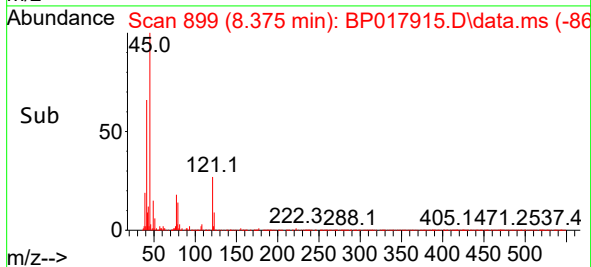
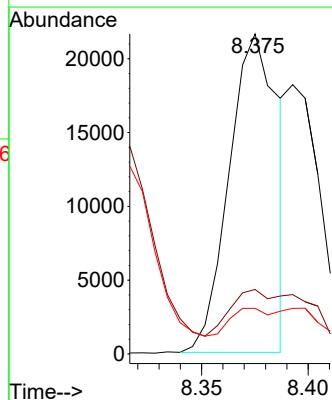
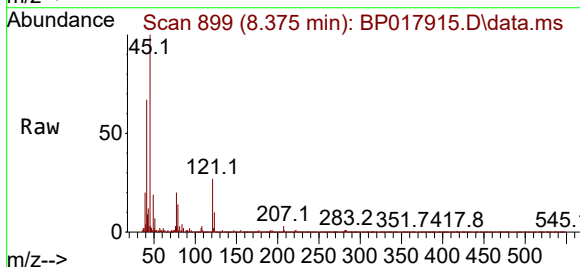
Tgt Ion: 45 Resp: 34373

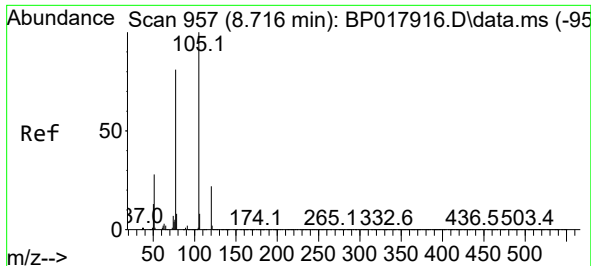
Ion Ratio Lower Upper

45 100

77 20.1 14.8 22.2

79 14.3 11.2 16.8

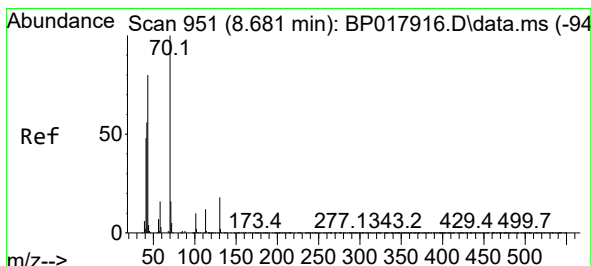
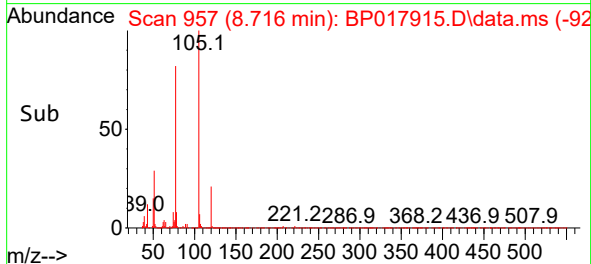
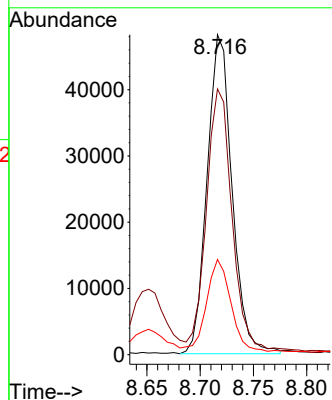
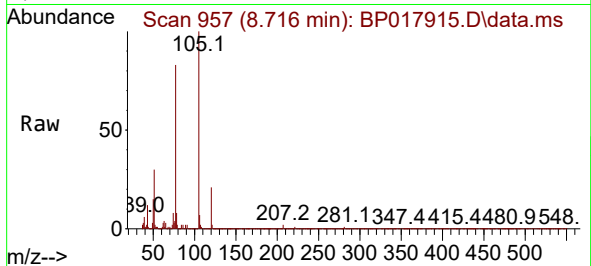




#16
Acetophenone
Concen: 9.290 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

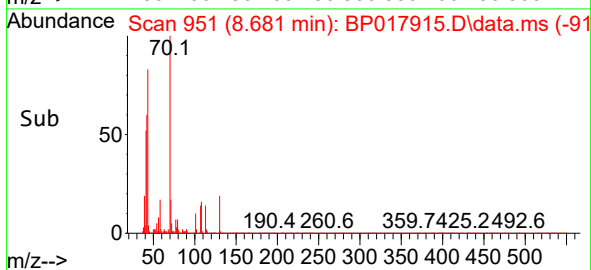
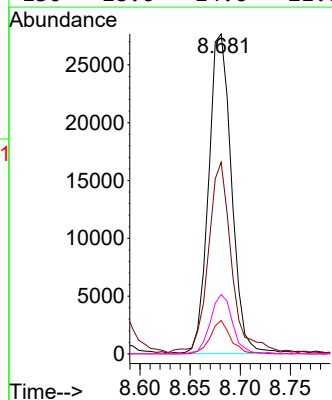
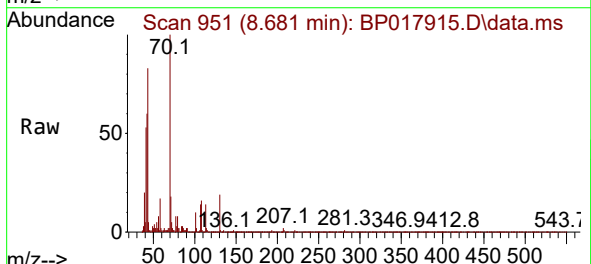
Instrument :
BNA_P
ClientSampleId :
SSTD010604

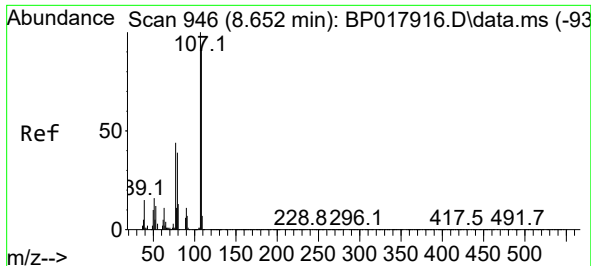
Tgt Ion:105 Resp: 78820
Ion Ratio Lower Upper
105 100
77 83.1 67.7 101.5
51 29.7 23.4 35.2



#17
N-Nitroso-di-n-propylamine
Concen: 9.562 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion: 70 Resp: 44094
Ion Ratio Lower Upper
70 100
42 59.9 45.7 68.5
101 10.4 7.9 11.9
130 18.6 14.6 21.8

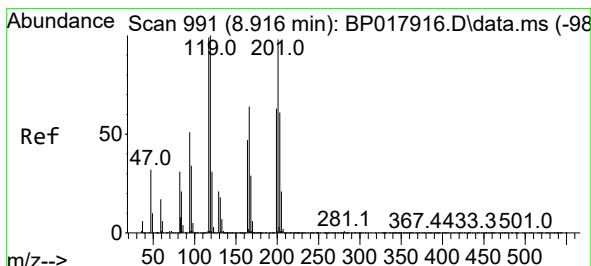
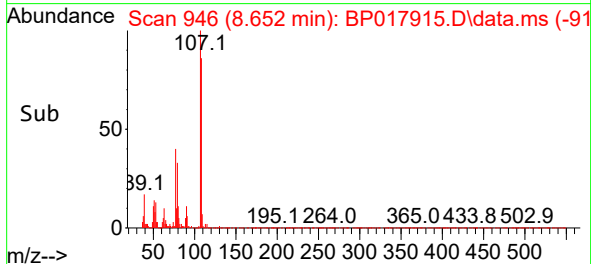
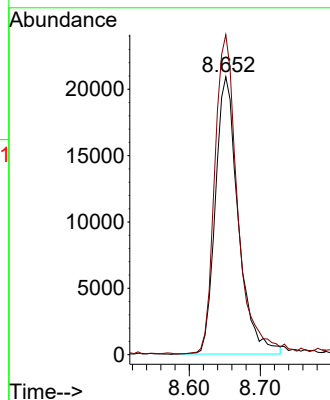
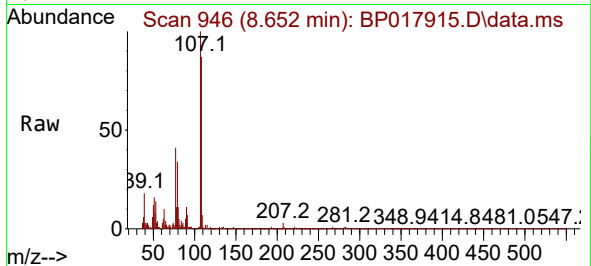




#18
4-Methylphenol
Concen: 8.975 ng/ul
RT: 8.652 min Scan# 946
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

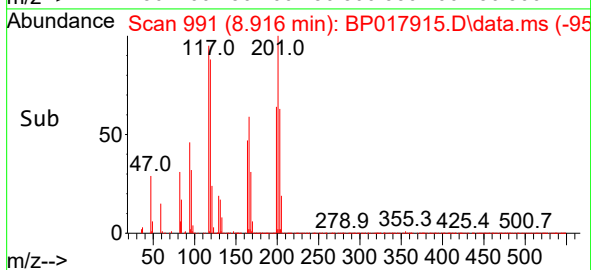
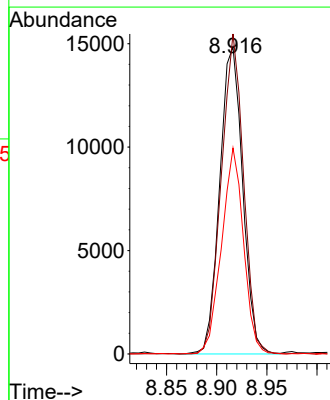
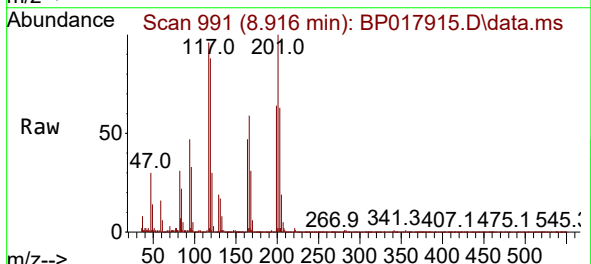
Instrument :
BNA_P
ClientSampleId :
SSTD010604

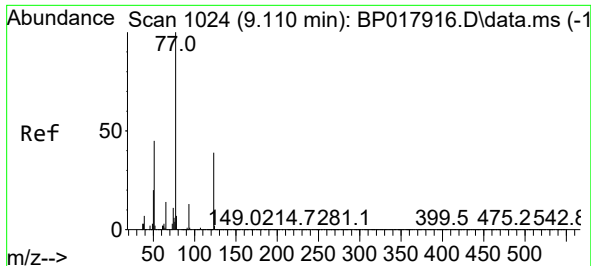
Tgt Ion:108 Resp: 46707
Ion Ratio Lower Upper
108 100
107 115.1 87.2 130.8



#19
Hexachloroethane
Concen: 9.266 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:117 Resp: 23614
Ion Ratio Lower Upper
117 100
201 104.2 79.6 119.4
199 67.1 51.4 77.0

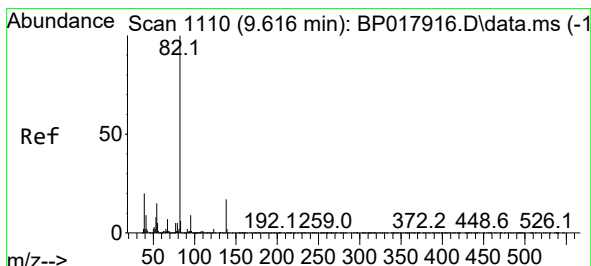
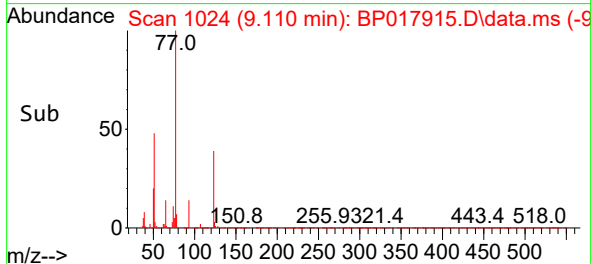
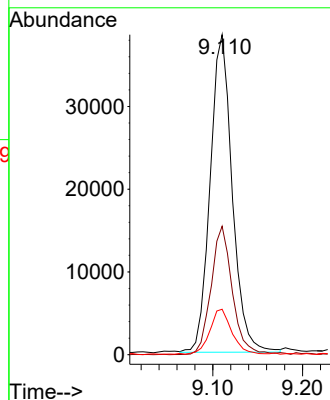
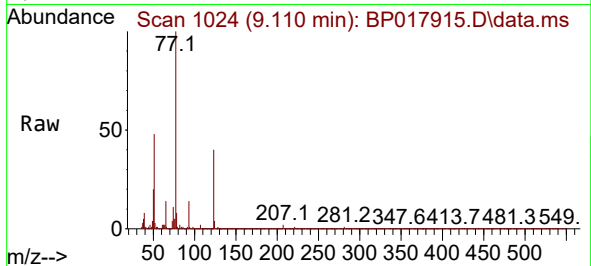




#22
Nitrobenzene
Concen: 8.710 ng/ul
RT: 9.110 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

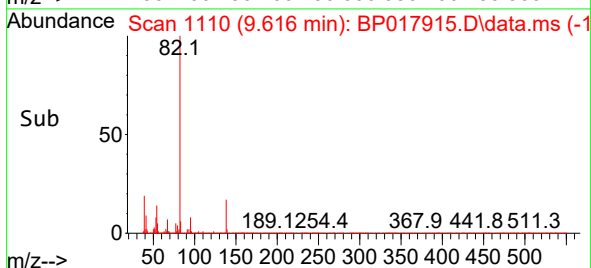
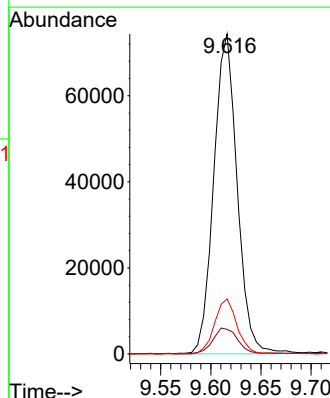
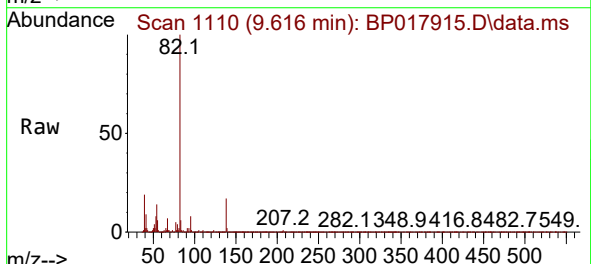
Instrument :
BNA_P
ClientSampleId :
SSTD010604

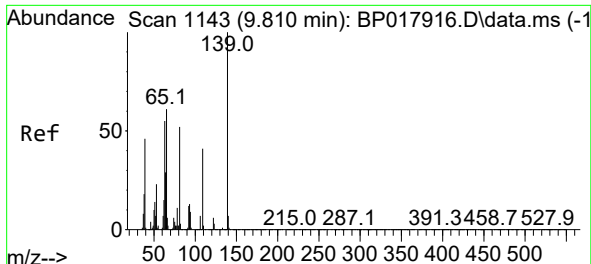
Tgt Ion: 77 Resp: 65608
Ion Ratio Lower Upper
77 100
123 40.1 31.2 46.8
65 14.2 11.5 17.3



#23
Isophorone
Concen: 8.724 ng/ul
RT: 9.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion: 82 Resp: 120143
Ion Ratio Lower Upper
82 100
95 7.7 7.2 10.8
138 17.2 13.4 20.2

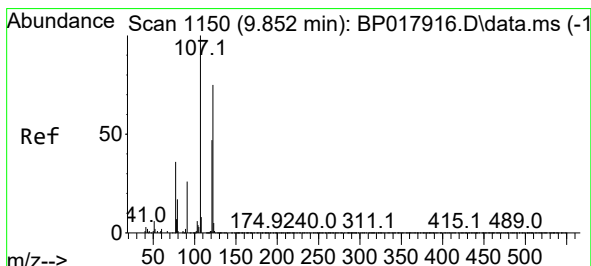
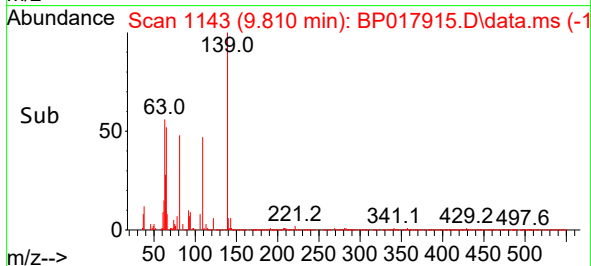
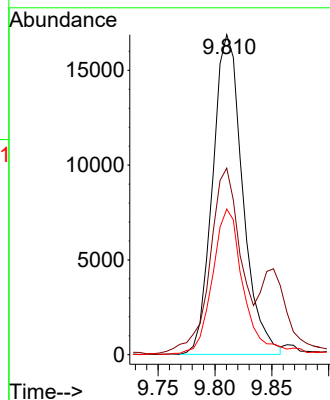
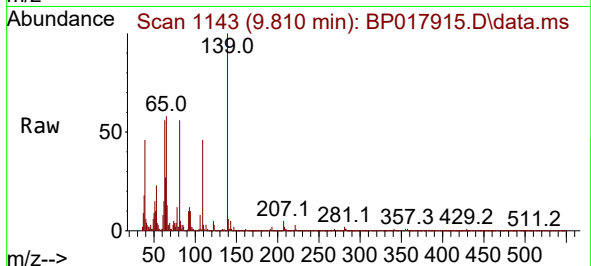




#25
2-Nitrophenol
Concen: 9.251 ng/ul
RT: 9.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

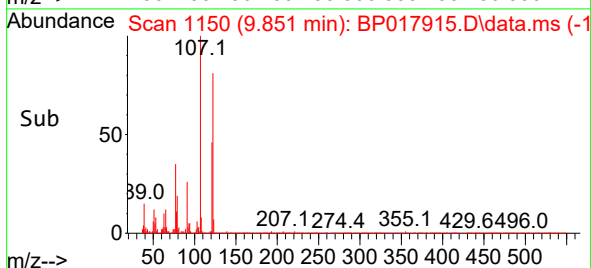
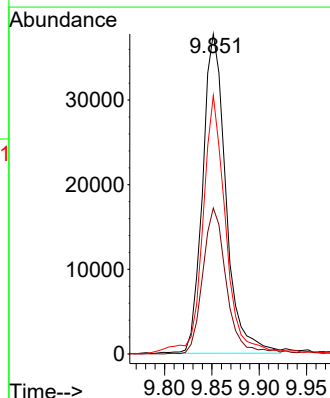
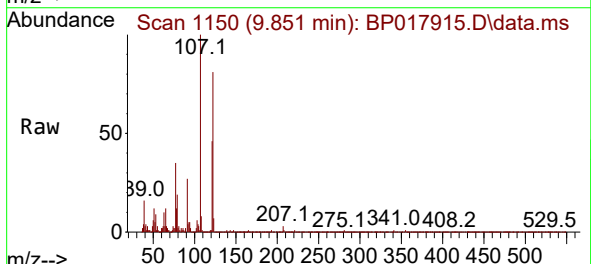
Instrument :
BNA_P
ClientSampleId :
SSTD010604

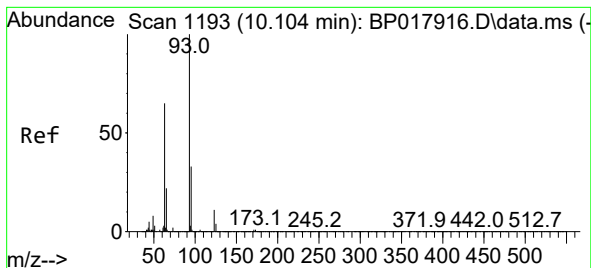
Tgt Ion:139 Resp: 31037
Ion Ratio Lower Upper
139 100
65 58.3 49.0 73.6
109 45.5 32.8 49.2



#26
2,4-Dimethylphenol
Concen: 9.212 ng/ul
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:107 Resp: 64565
Ion Ratio Lower Upper
107 100
121 45.6 37.8 56.8
122 80.7 61.9 92.9

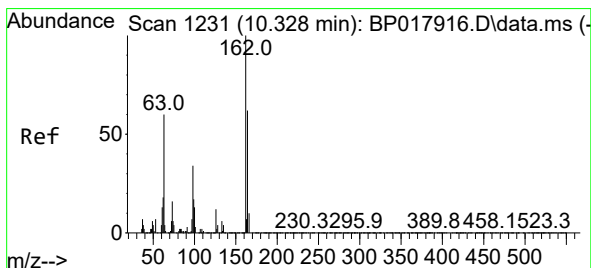
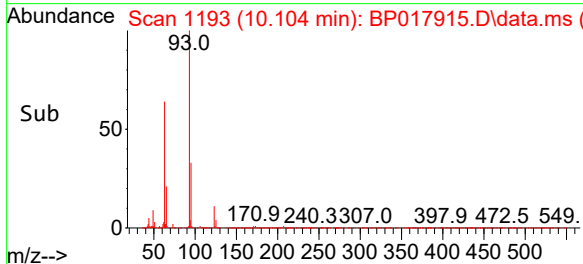
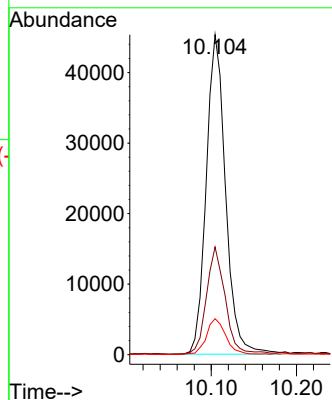
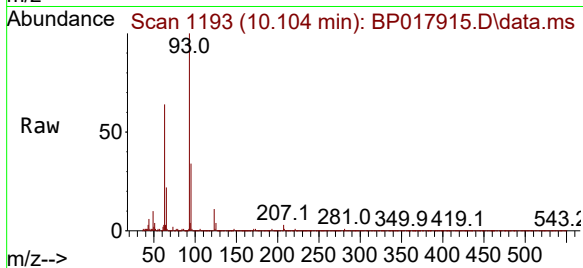




#27
Bis(2-Chloroethoxy)methane
Concen: 9.407 ng/ul
RT: 10.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

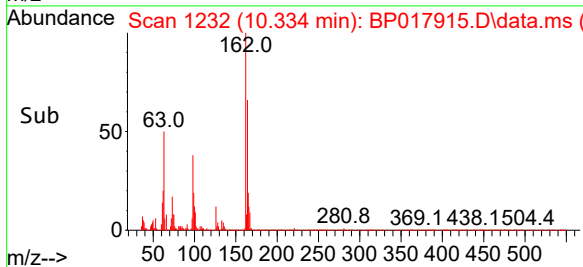
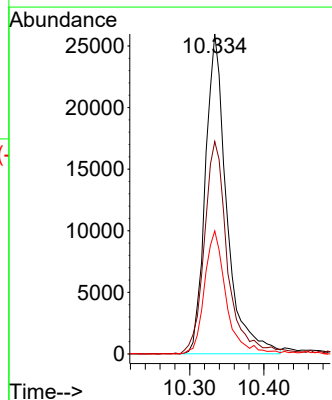
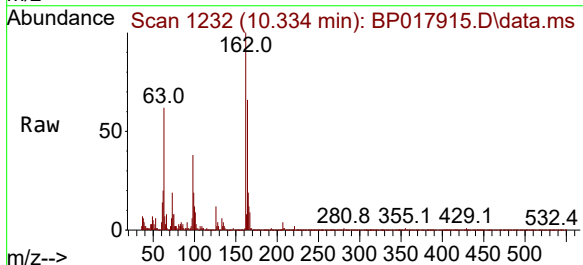
Instrument :
BNA_P
ClientSampleId :
SSTD010604

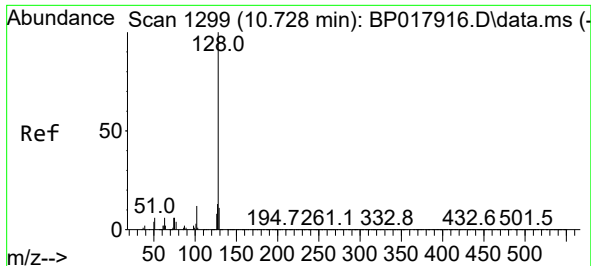
Tgt Ion: 93	Resp:	71562
Ion Ratio	Lower	Upper
93	100	
95	33.7	26.2 39.4
123	11.3	9.2 13.8



#29
2,4-Dichlorophenol
Concen: 8.959 ng/ul
RT: 10.334 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion: 162	Resp:	52029
Ion Ratio	Lower	Upper
162	100	
164	66.4	49.4 74.2
98	38.4	27.6 41.4

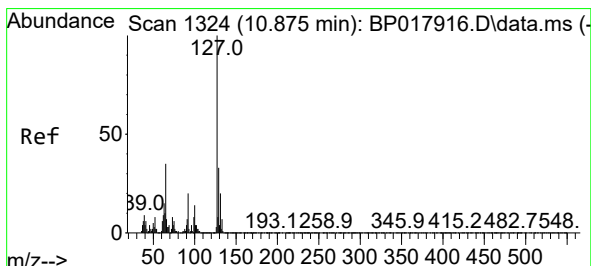
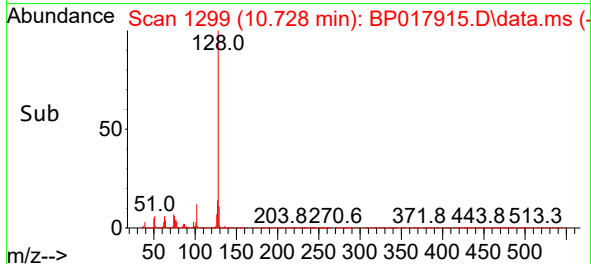
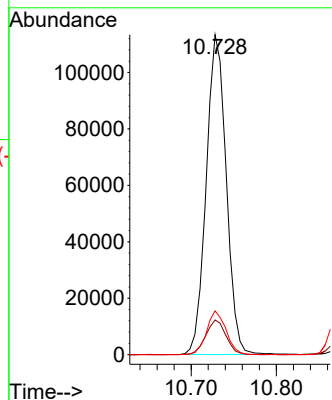
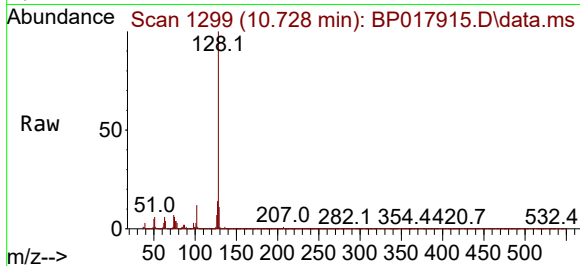




#30
Naphthalene
Concen: 9.366 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

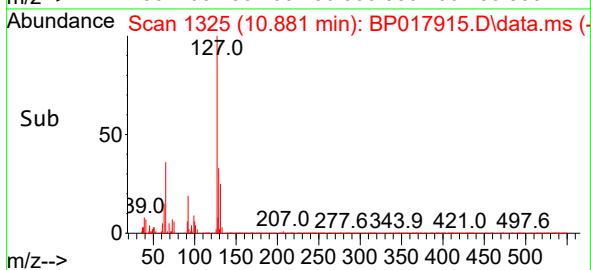
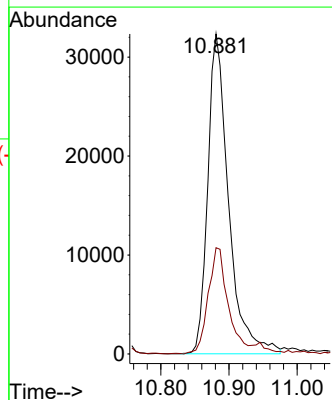
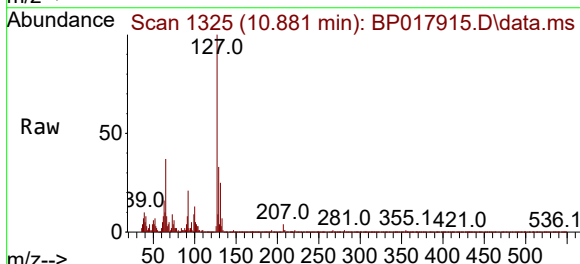
Instrument :
BNA_P
ClientSampleId :
SSTD010604

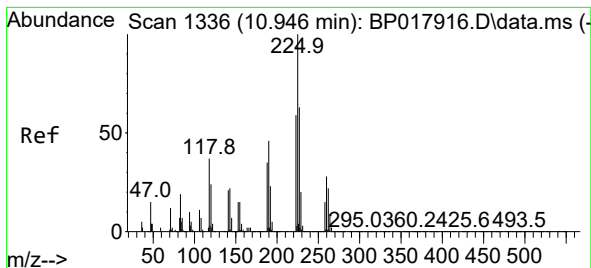
Tgt Ion:128 Resp: 185376
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.7 10.6 15.8



#32
4-Chloroaniline
Concen: 8.926 ng/ul
RT: 10.881 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:127 Resp: 68607
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.2





#33

Hexachlorobutadiene

Concen: 9.693 ng/ul

RT: 10.946 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

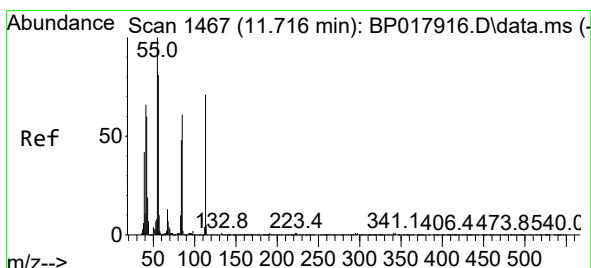
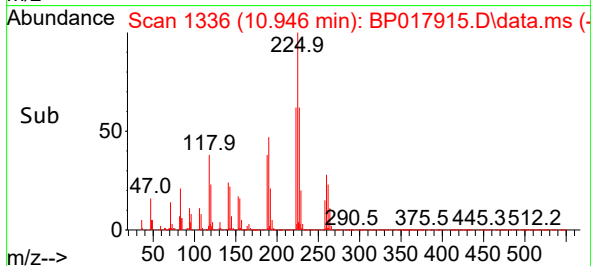
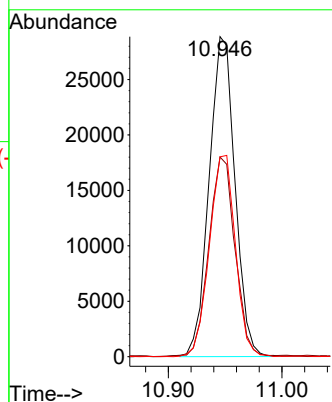
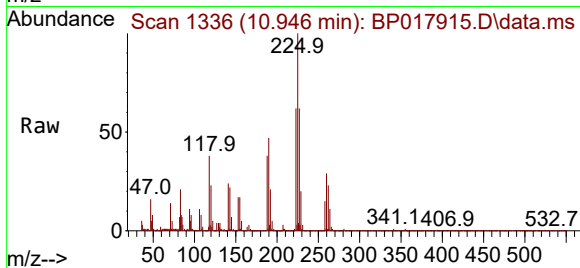
Tgt Ion:225 Resp: 45626

Ion Ratio Lower Upper

225 100

223 62.4 47.7 71.5

227 62.4 50.8 76.2



#34

Caprolactam

Concen: 0.045 ng/ul

RT: 11.816 min Scan# 1484

Delta R.T. 0.100 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

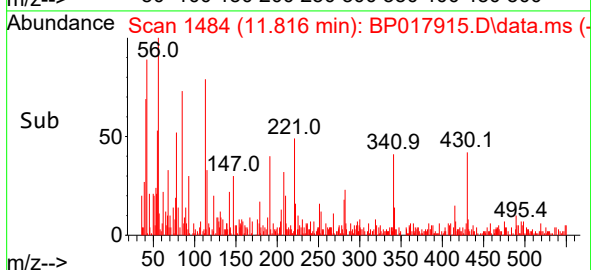
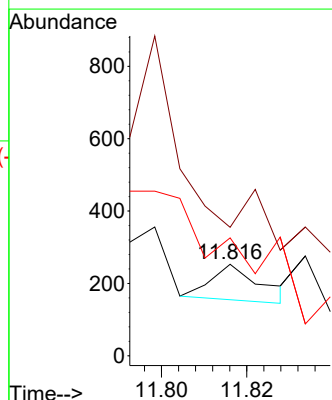
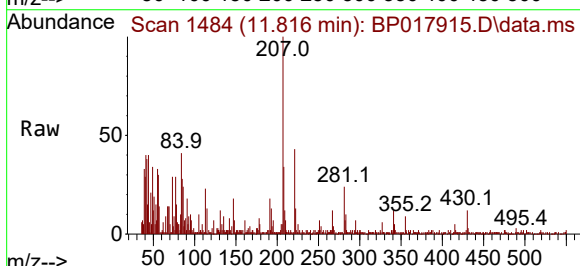
Tgt Ion:113 Resp: 78

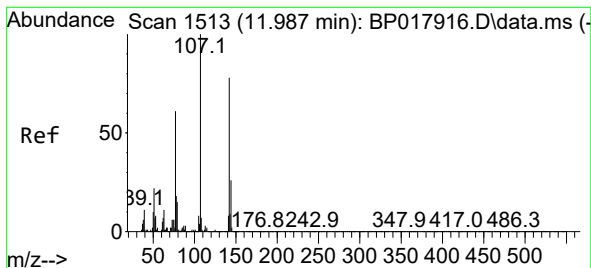
Ion Ratio Lower Upper

113 100

55 140.3 114.1 171.1

56 128.9 91.7 137.5

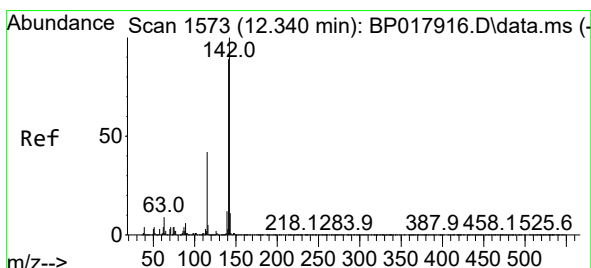
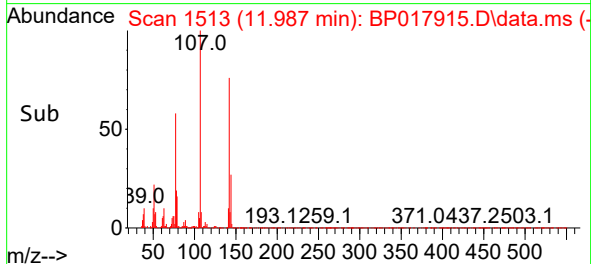
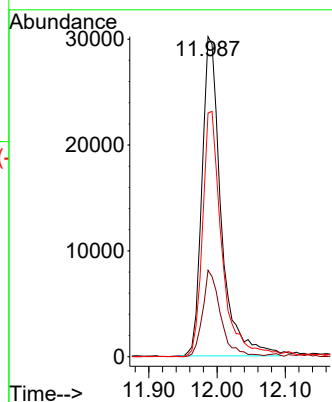
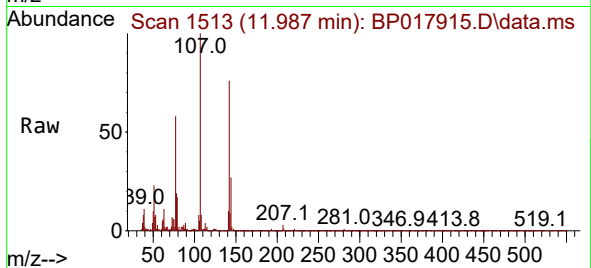




#35
4-Chloro-3-methylphenol
Concen: 9.082 ng/ul
RT: 11.987 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

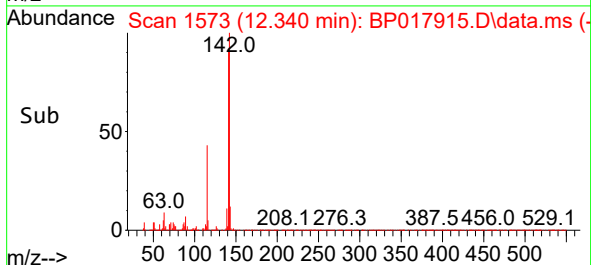
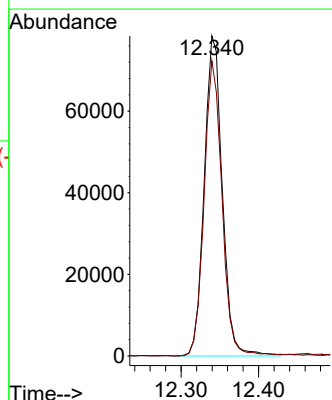
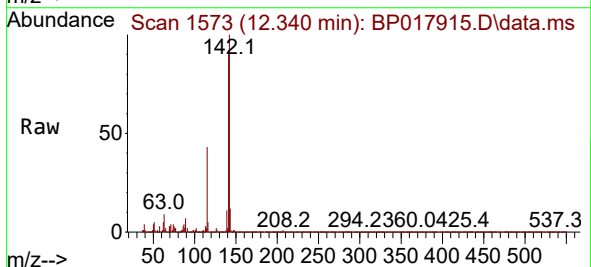
Instrument :
BNA_P
ClientSampleId :
SSTD010604

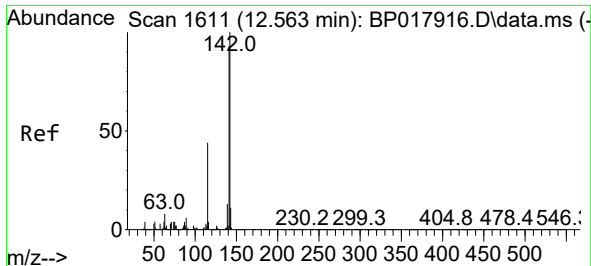
Tgt Ion:107 Resp: 59062
Ion Ratio Lower Upper
107 100
144 27.0 20.8 31.2
142 76.1 62.2 93.2



#36
2-Methylnaphthalene
Concen: 9.327 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:142 Resp: 127213
Ion Ratio Lower Upper
142 100
141 92.3 70.9 106.3





#37

1-Methylnaphthalene

Concen: 9.390 ng/ul

RT: 12.557 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

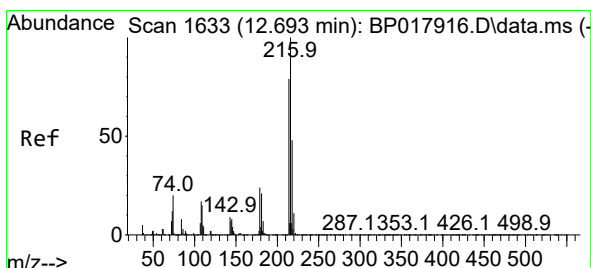
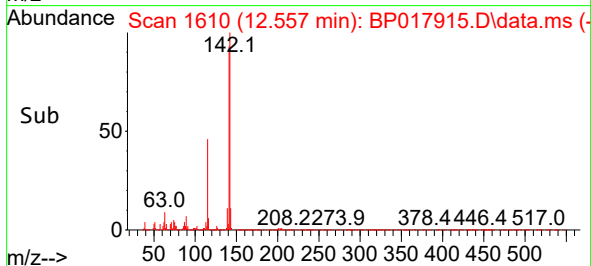
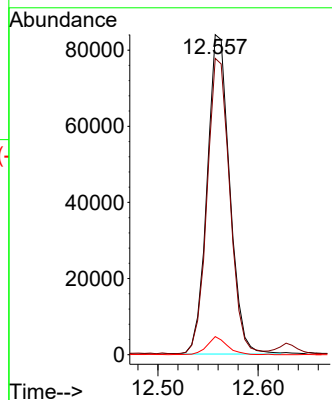
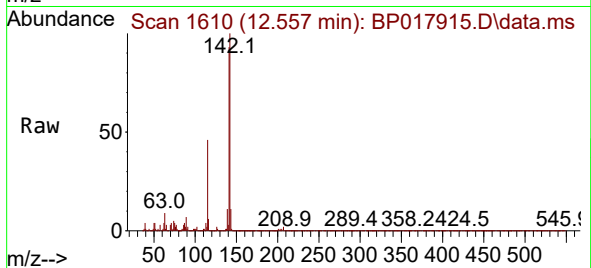
Tgt Ion:142 Resp: 131743

Ion Ratio Lower Upper

142 100

141 92.6 74.3 111.5

116 5.6 3.6 5.4#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.331 ng/ul

RT: 12.693 min Scan# 1633

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Tgt Ion:216 Resp: 77282

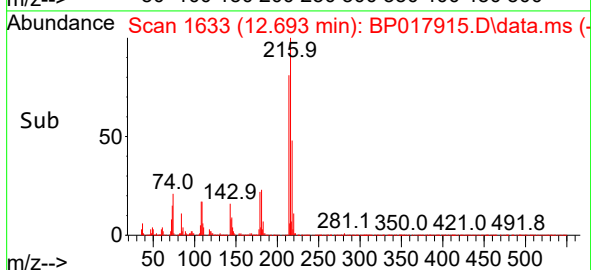
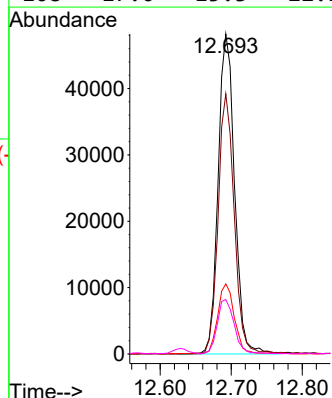
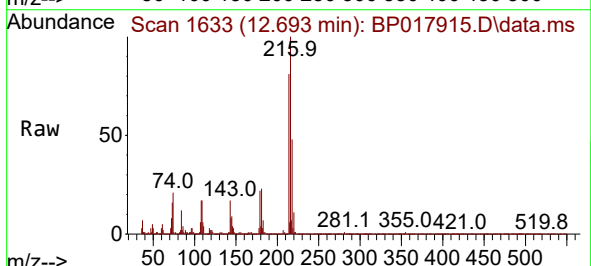
Ion Ratio Lower Upper

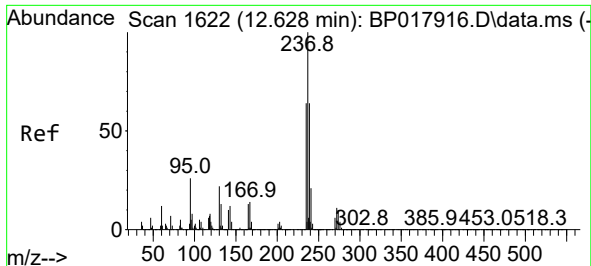
216 100

214 81.3 63.4 95.2

179 21.9 18.9 28.3

108 17.0 15.3 22.9

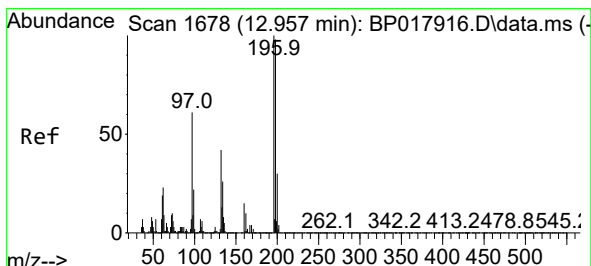
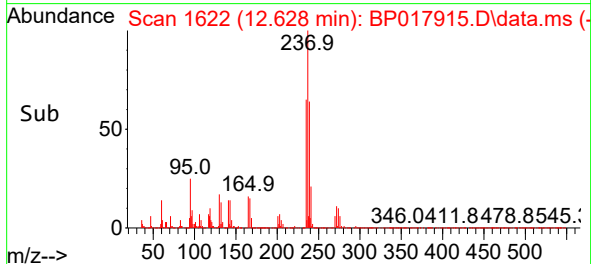
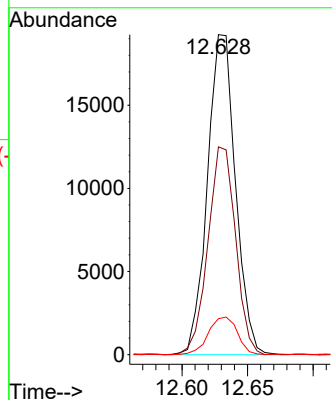
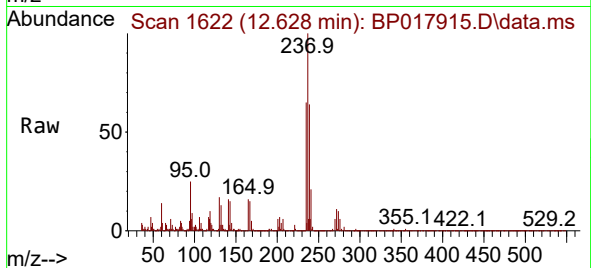




#40
Hexachlorocyclopentadiene
Concen: 6.765 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

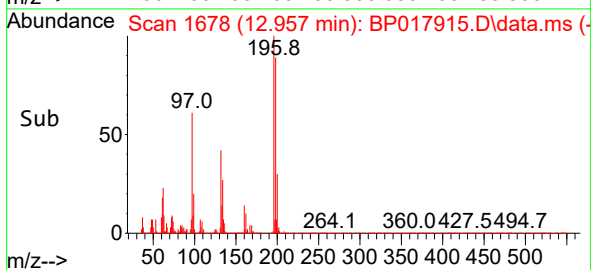
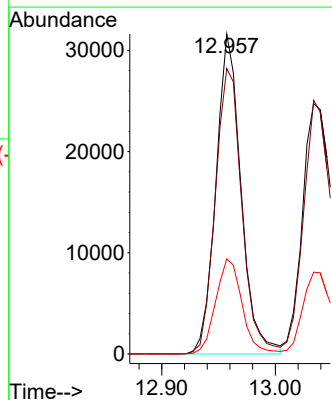
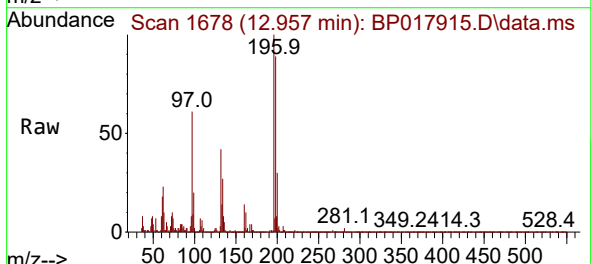
Instrument :
BNA_P
ClientSampleId :
SSTD010604

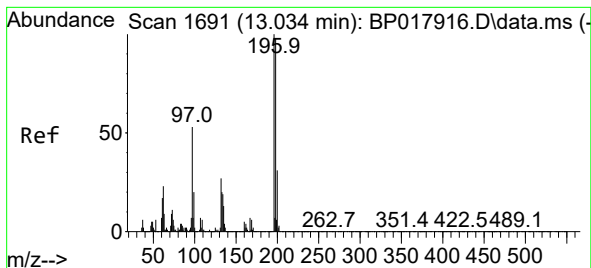
Tgt Ion:237 Resp: 28649
Ion Ratio Lower Upper
237 100
235 65.0 51.3 76.9
272 12.1 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 9.201 ng/ul
RT: 12.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:196 Resp: 48562
Ion Ratio Lower Upper
196 100
198 89.2 78.5 117.7
200 29.7 24.1 36.1

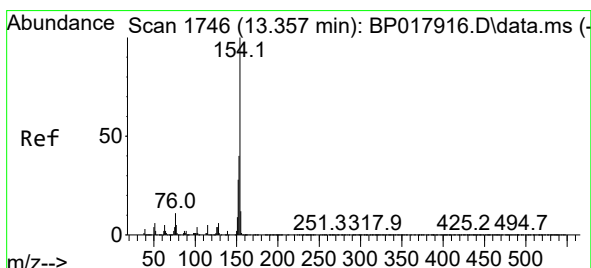
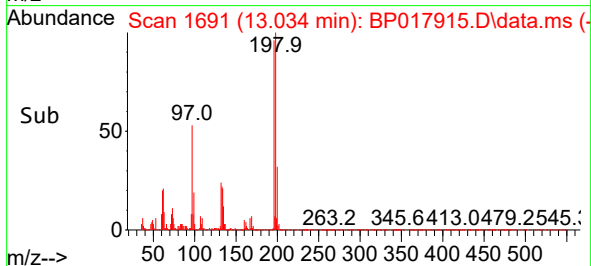
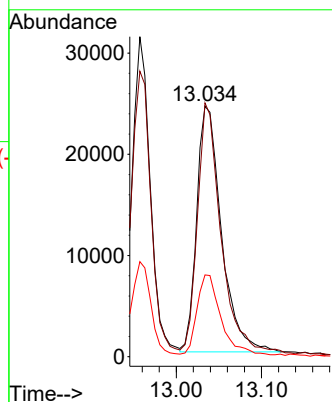
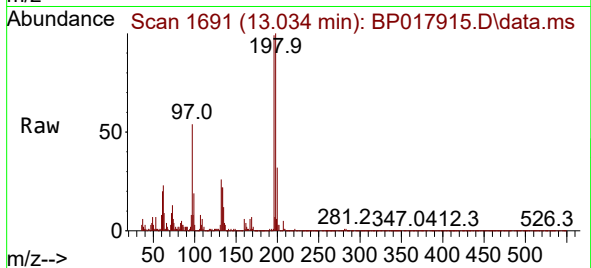




#42
2,4,5-Trichlorophenol
Concen: 8.885 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

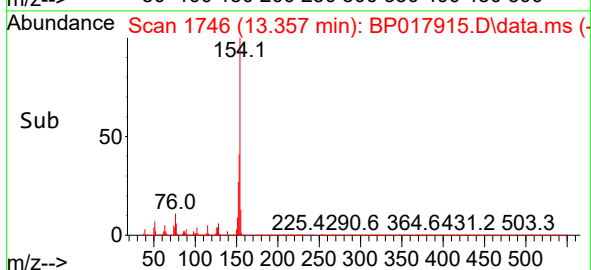
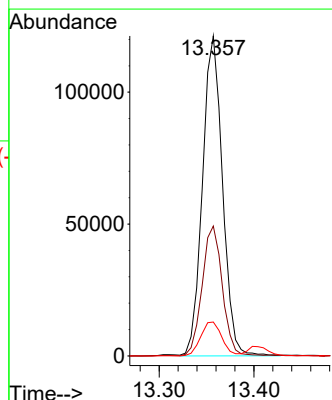
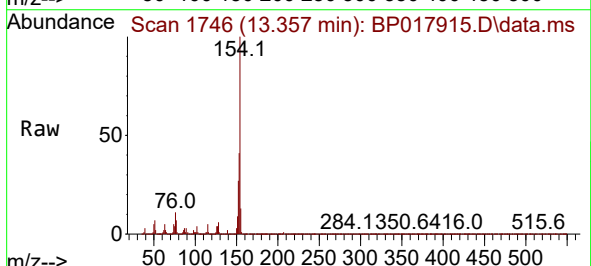
Instrument :
BNA_P
ClientSampleId :
SSTD010604

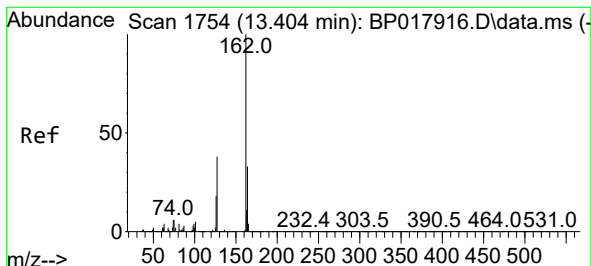
Tgt Ion:196 Resp: 49045
Ion Ratio Lower Upper
196 100
198 101.4 78.5 117.7
200 32.7 25.3 37.9



#43
1,1'-Biphenyl
Concen: 9.055 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:154 Resp: 177781
Ion Ratio Lower Upper
154 100
153 40.6 31.8 47.8
76 10.6 8.5 12.7

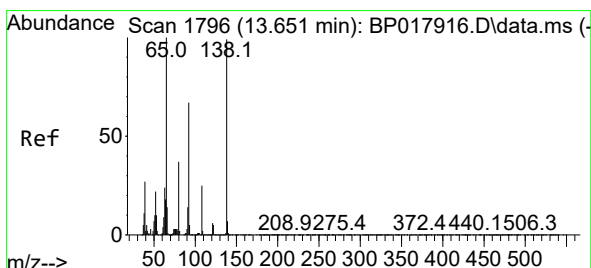
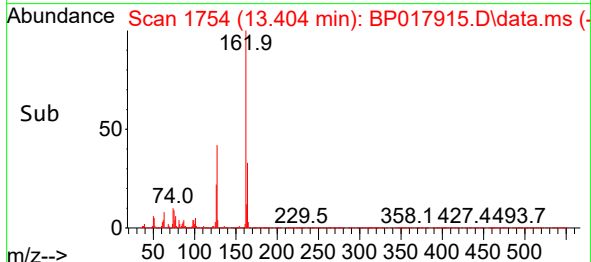
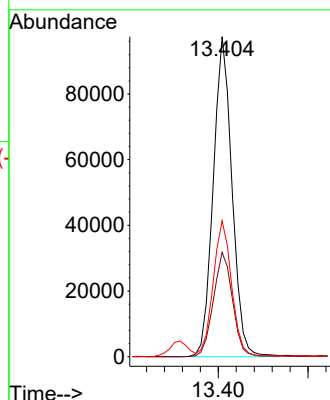
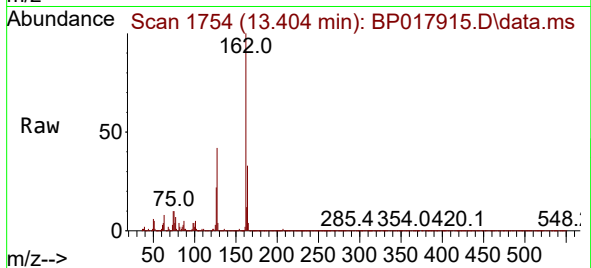




#44
2-Chloronaphthalene
Concen: 9.009 ng/ul
RT: 13.404 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

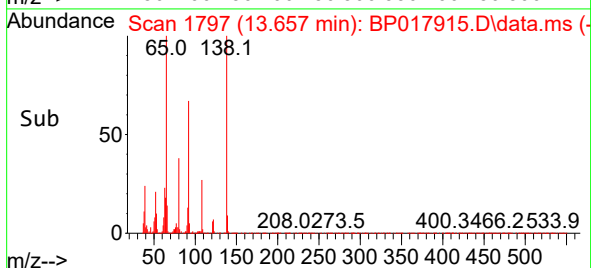
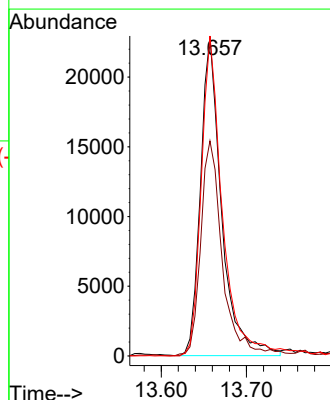
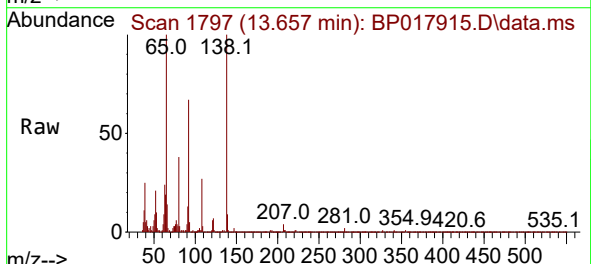
Instrument :
BNA_P
ClientSampleId :
SSTD010604

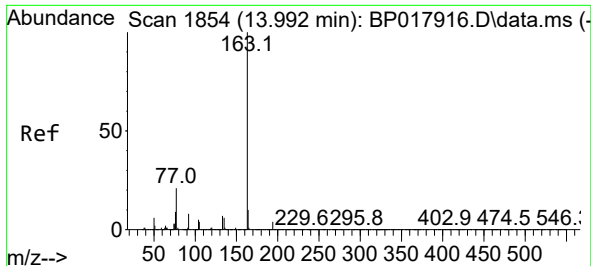
Tgt Ion:162	Resp:	141601
Ion	Ratio	Lower Upper
162	100	
164	32.6	26.7 40.1
127	42.5	33.0 49.6



#45
2-Nitroaniline
Concen: 8.378 ng/ul
RT: 13.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion: 65	Resp:	39224
Ion	Ratio	Lower Upper
65	100	
92	67.3	53.9 80.9
138	100.1	79.1 118.7

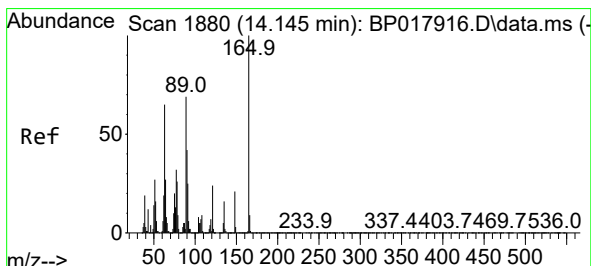
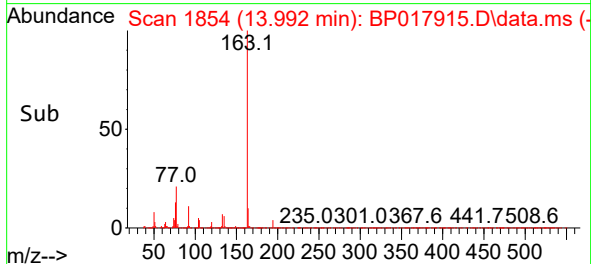
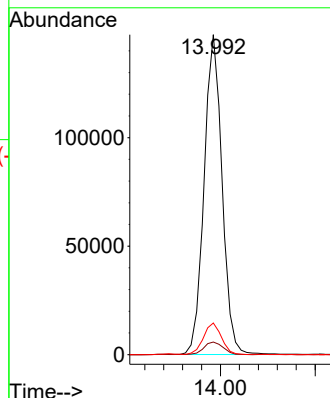
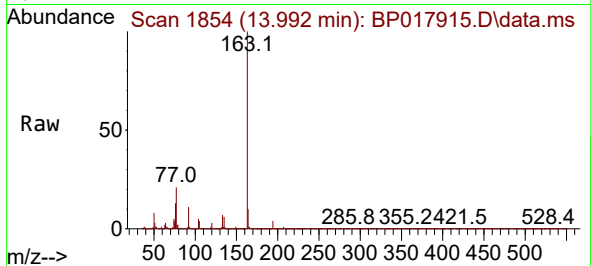




#47
Dimethylphthalate
Concen: 9.270 ng/ul
RT: 13.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

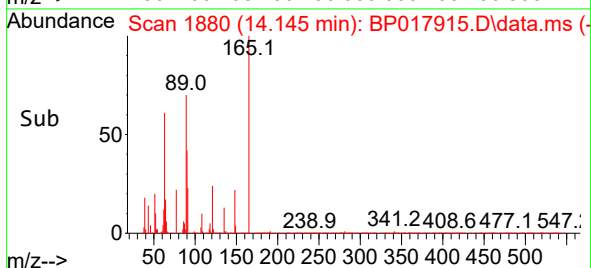
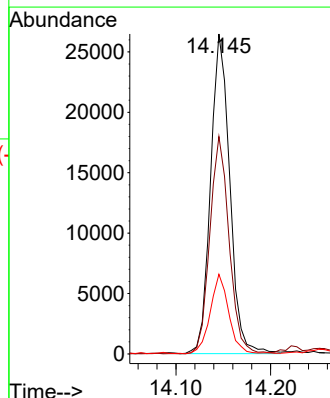
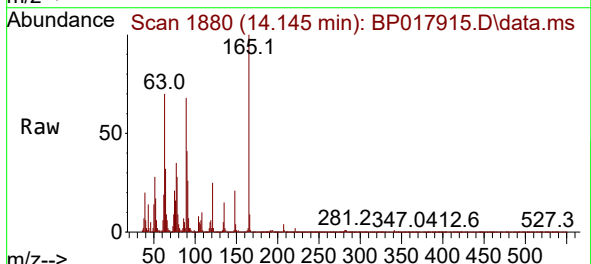
Instrument :
BNA_P
ClientSampleId :
SSTD010604

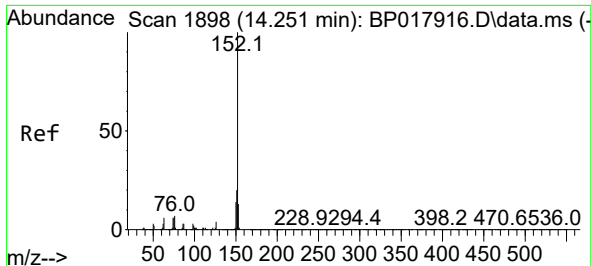
Tgt Ion:163 Resp: 194128
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 8.980 ng/ul
RT: 14.145 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:165 Resp: 37207
Ion Ratio Lower Upper
165 100
89 68.0 54.9 82.3
121 24.9 19.0 28.6

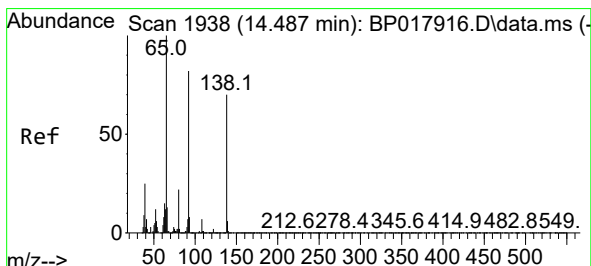
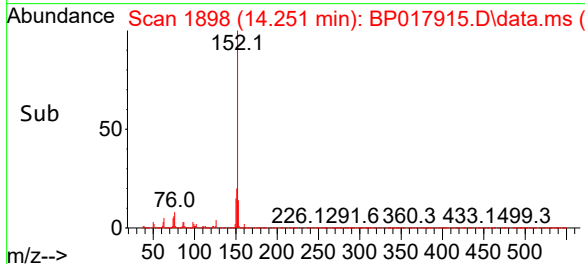
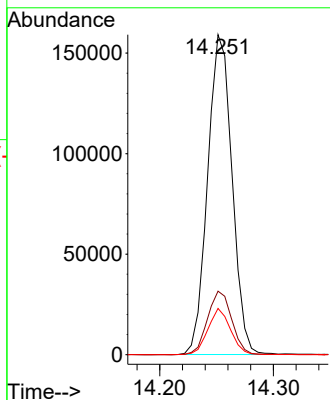
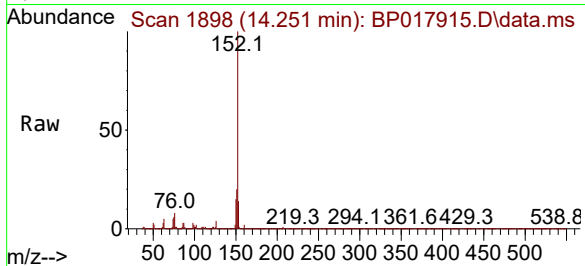




#50
Acenaphthylene
Concen: 9.140 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

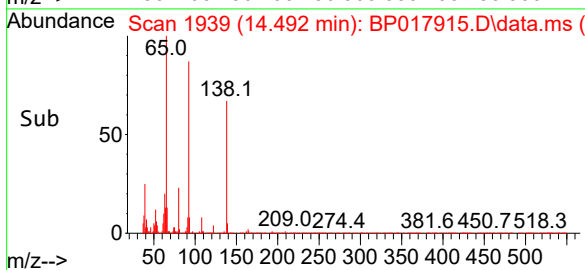
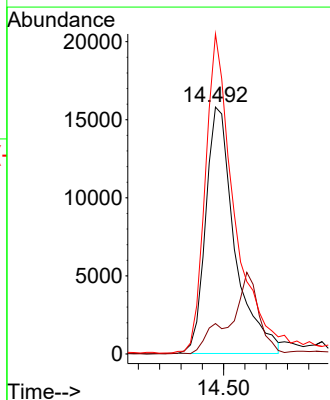
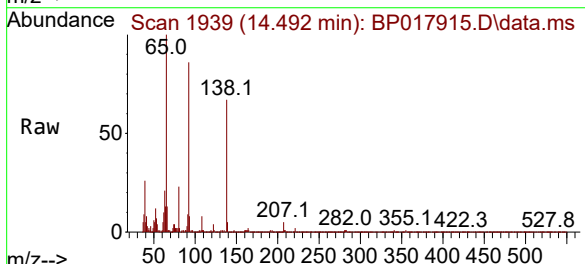
Instrument :
BNA_P
ClientSampleId :
SSTD010604

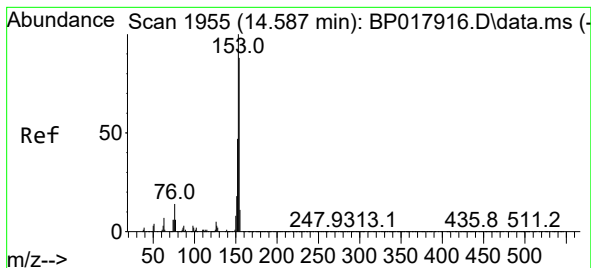
Tgt Ion:152	Resp:	237876
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	14.5	10.4 15.6



#51
3-Nitroaniline
Concen: 8.079 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:138	Resp:	29985
Ion Ratio	Lower	Upper
138	100	
108	12.3	8.4 12.6
92	129.6	94.2 141.4





#52

Acenaphthene

Concen: 9.168 ng/ul

RT: 14.592 min Scan# 1956

Delta R.T. 0.006 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

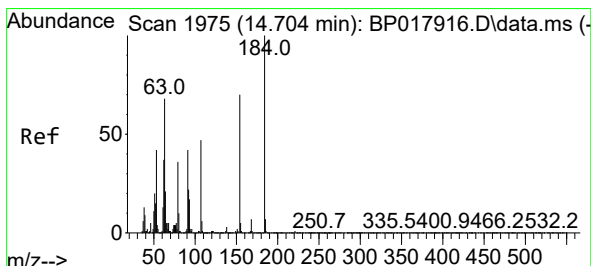
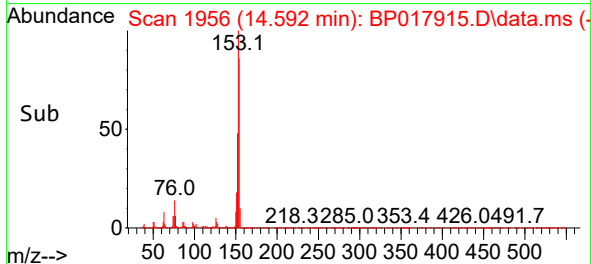
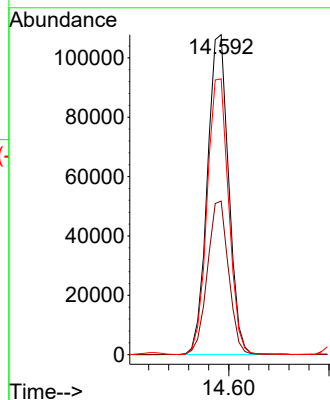
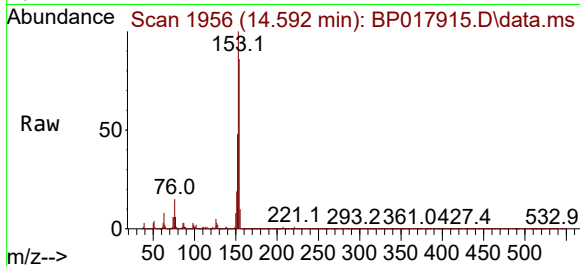
Tgt Ion:153 Resp: 158424

Ion Ratio Lower Upper

153 100

152 48.0 37.7 56.5

154 86.2 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 6.441 ng/ul

RT: 14.710 min Scan# 1976

Delta R.T. 0.006 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

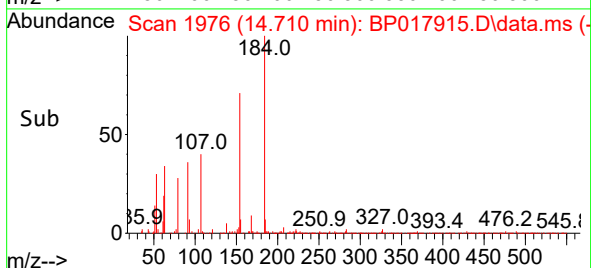
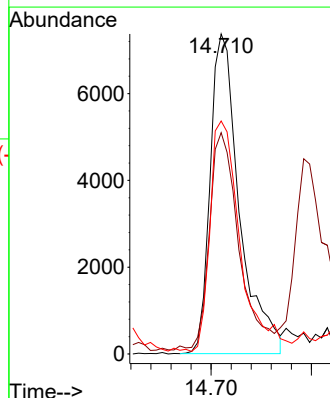
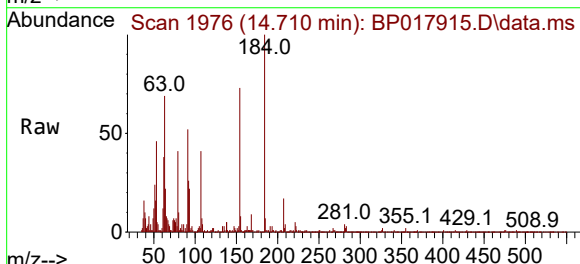
Tgt Ion:184 Resp: 14937

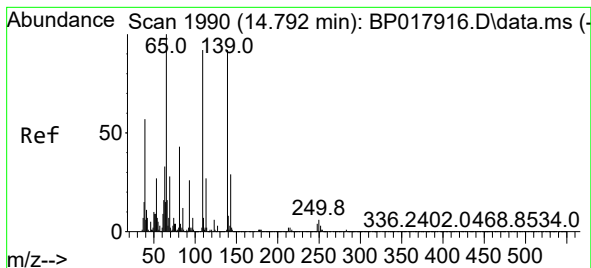
Ion Ratio Lower Upper

184 100

63 69.1 54.5 81.7

154 72.8 56.4 84.6

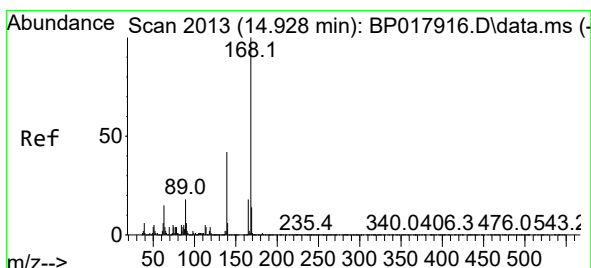
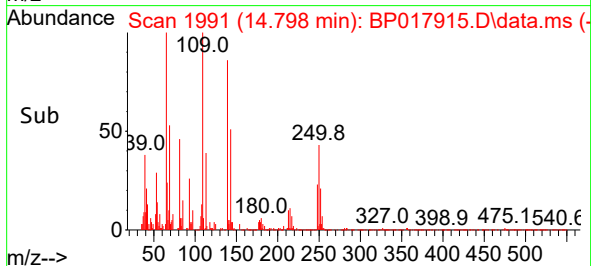
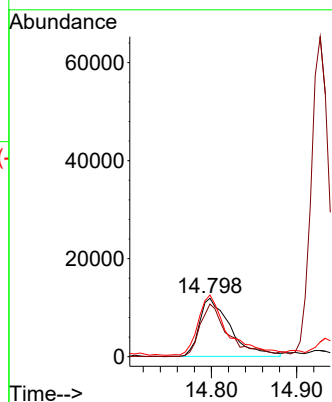
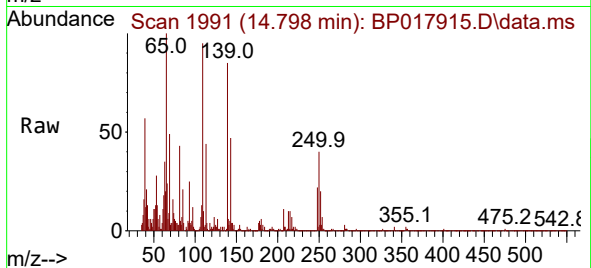




#55
4-Nitrophenol
Concen: 8.042 ng/ul
RT: 14.798 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

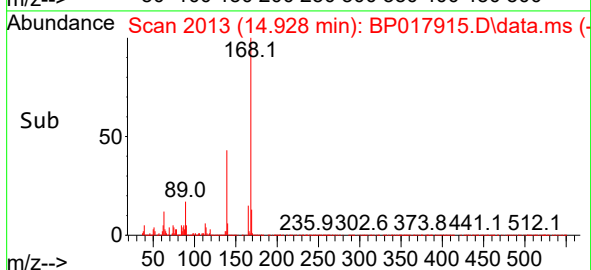
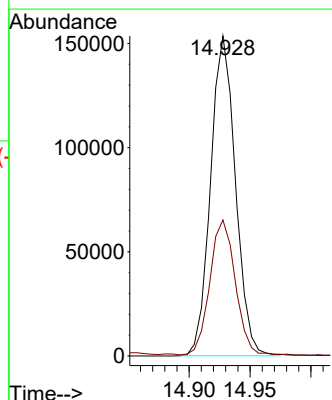
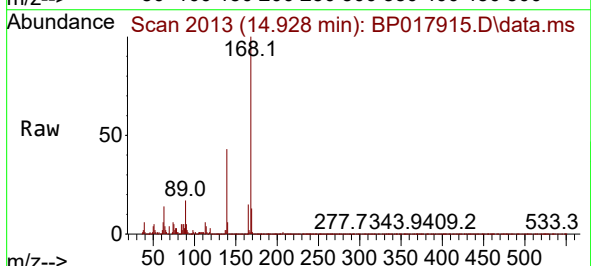
Instrument :
BNA_P
ClientSampleId :
SSTD010604

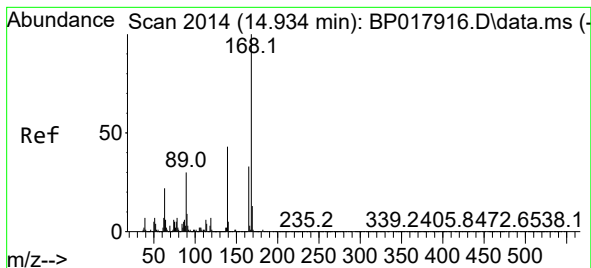
Tgt Ion:109 Resp: 29910
Ion Ratio Lower Upper
109 100
139 90.2 79.6 119.4
65 105.7 87.8 131.8



#56
Dibenzofuran
Concen: 9.088 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:168 Resp: 218156
Ion Ratio Lower Upper
168 100
139 42.5 33.8 50.6





#57

2,4-Dinitrotoluene

Concen: 9.060 ng/ul

RT: 14.939 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

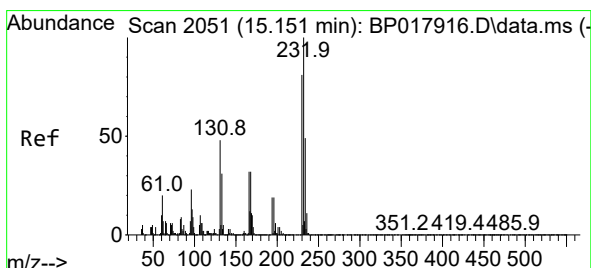
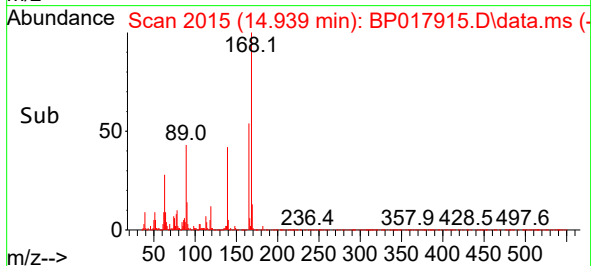
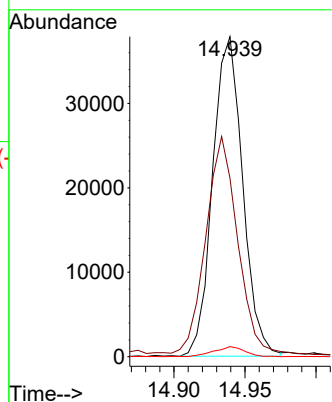
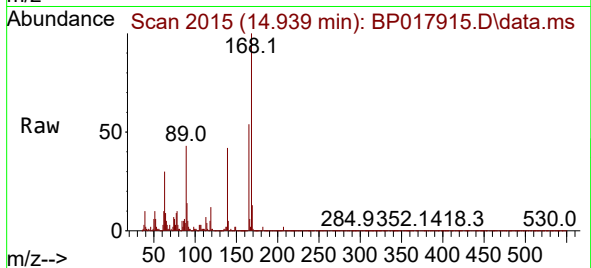
Tgt Ion:165 Resp: 55664

Ion Ratio Lower Upper

165 100

63 55.8 53.3 79.9

182 3.2 1.9 2.9#



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.560 ng/ul

RT: 15.151 min Scan# 2051

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Tgt Ion:232 Resp: 49053

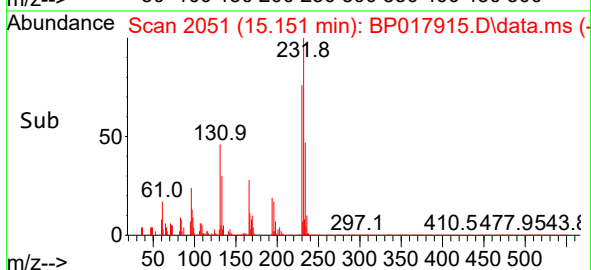
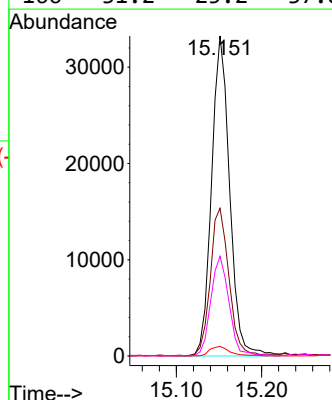
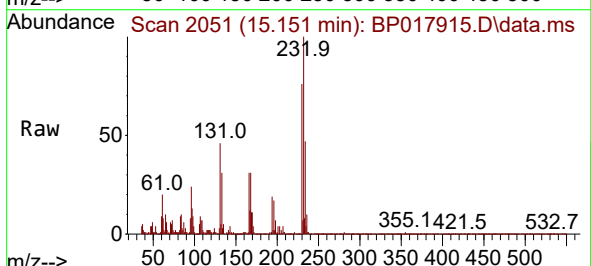
Ion Ratio Lower Upper

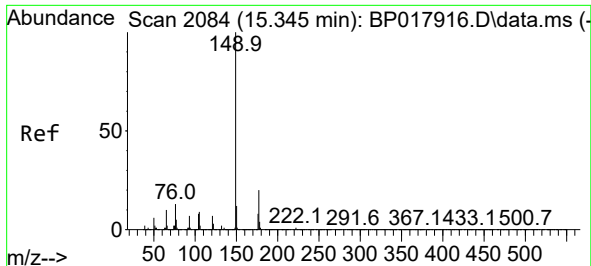
232 100

131 46.2 38.3 57.5

130 3.0 2.2 3.4

166 31.2 25.2 37.8





#59

Diethylphthalate

Concen: 9.275 ng/ul

RT: 15.345 min Scan# 2084

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

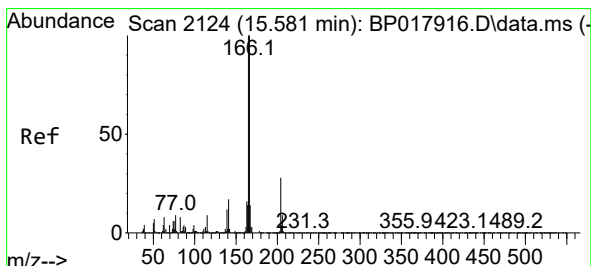
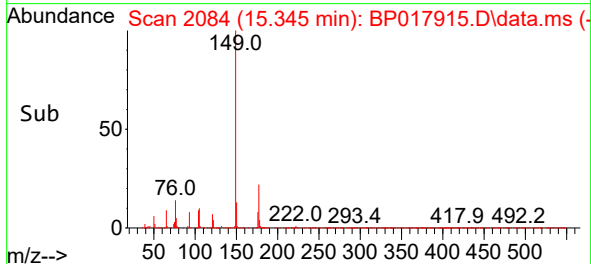
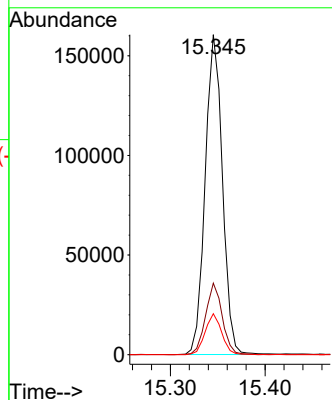
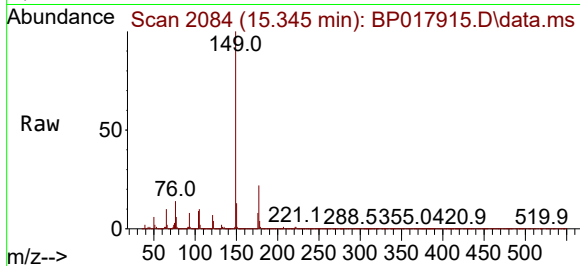
Tgt Ion:149 Resp: 202668

Ion Ratio Lower Upper

149 100

177 22.3 16.4 24.6

150 12.8 9.7 14.5



#61

Fluorene

Concen: 9.243 ng/ul

RT: 15.581 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

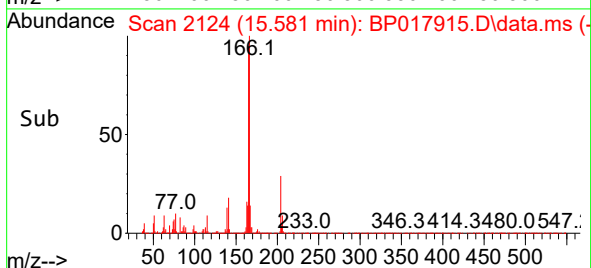
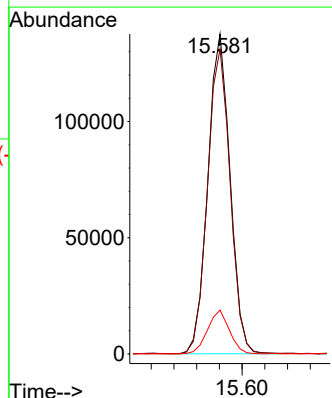
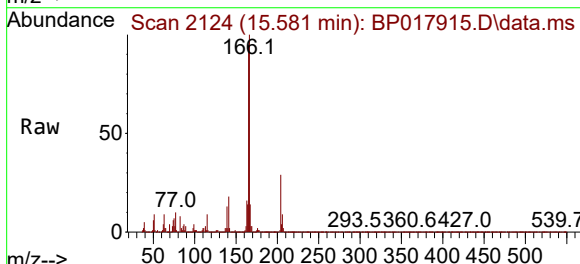
Tgt Ion:166 Resp: 187276

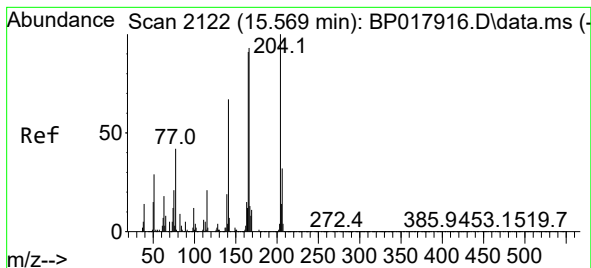
Ion Ratio Lower Upper

166 100

165 95.4 79.8 119.6

167 13.7 10.9 16.3

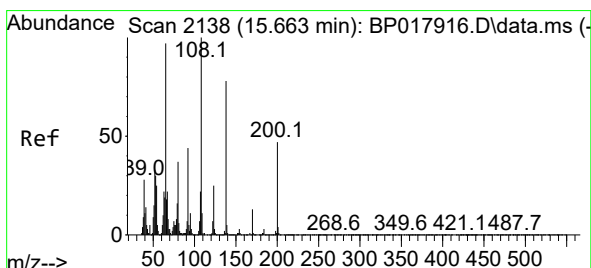
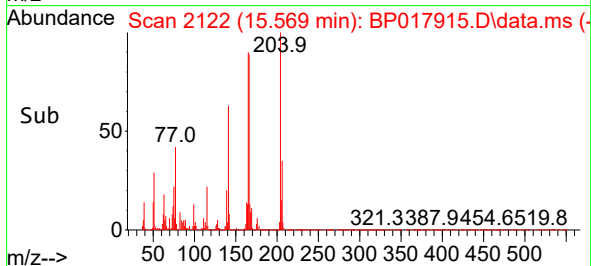
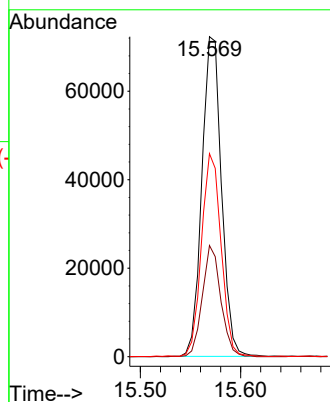
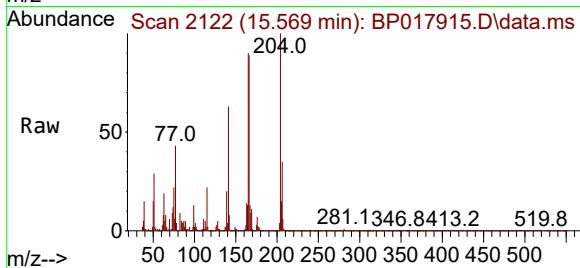




#62
4-Chlorophenyl-phenylether
Concen: 9.400 ng/ul
RT: 15.569 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

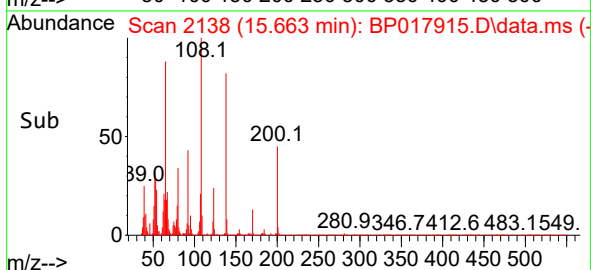
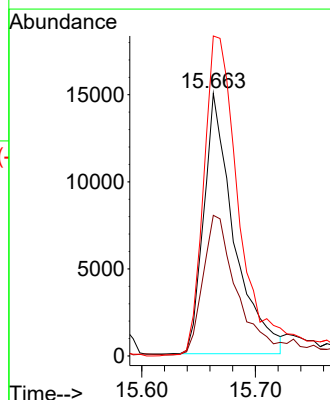
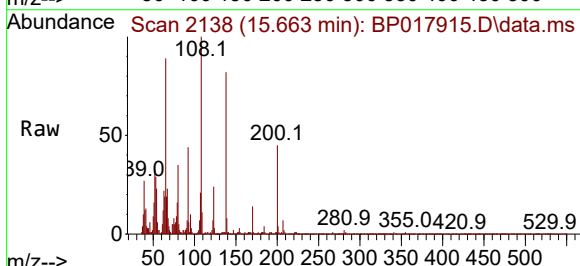
Instrument :
BNA_P
ClientSampleId :
SSTD010604

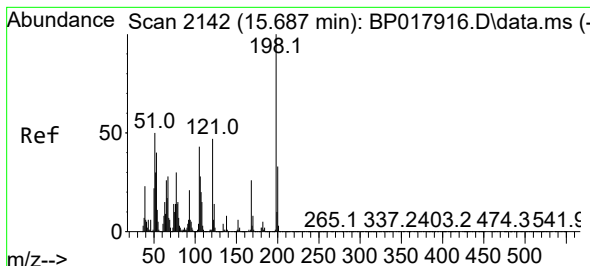
Tgt Ion:204 Resp: 98359
Ion Ratio Lower Upper
204 100
206 34.8 26.0 39.0
141 63.5 53.6 80.4



#63
4-Nitroaniline
Concen: 7.960 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:138 Resp: 27616
Ion Ratio Lower Upper
138 100
92 53.6 45.4 68.2
108 121.8 103.1 154.7

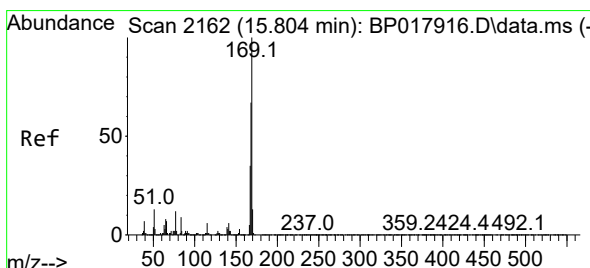
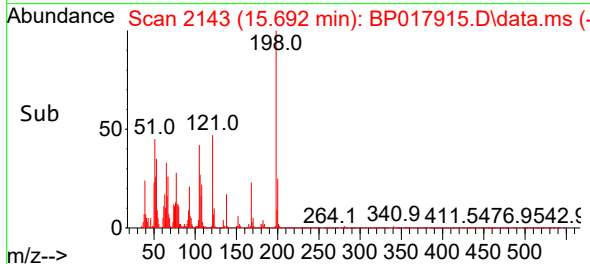
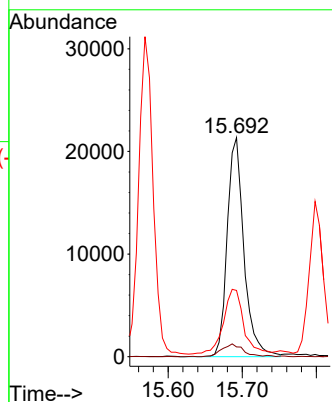
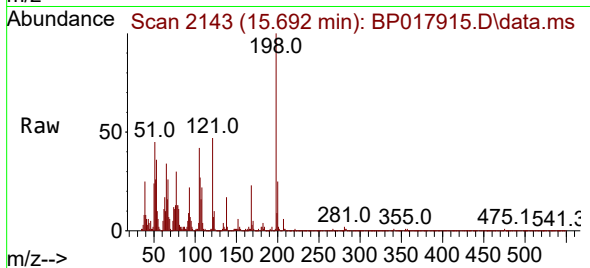




#66
4,6-Dinitro-2-methylphenol
Concen: 8.251 ng/ul
RT: 15.692 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

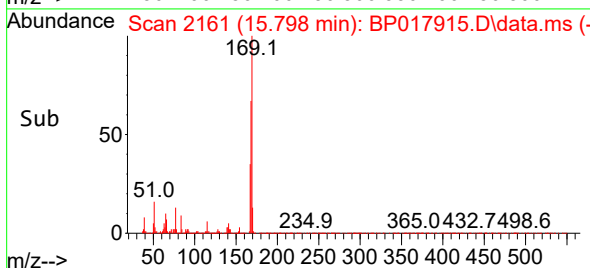
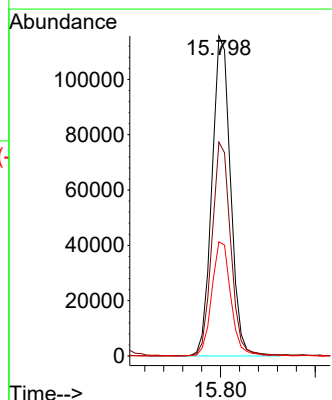
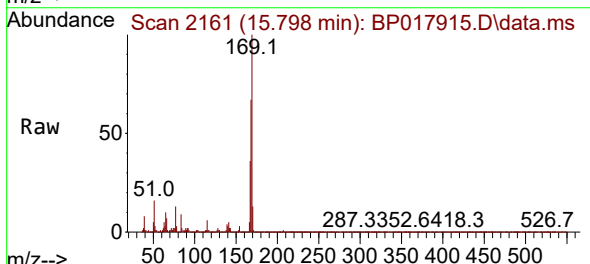
Instrument :
BNA_P
ClientSampleId :
SSTD010604

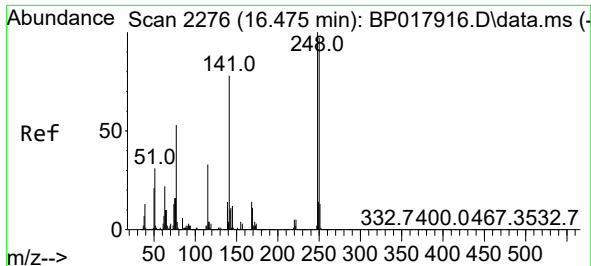
Tgt Ion:198 Resp: 33411
Ion Ratio Lower Upper
198 100
182 4.5 4.4 6.6
77 30.3 24.6 37.0



#67
N-Nitrosodiphenylamine
Concen: 9.265 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:169 Resp: 157858
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 35.7 28.0 42.0

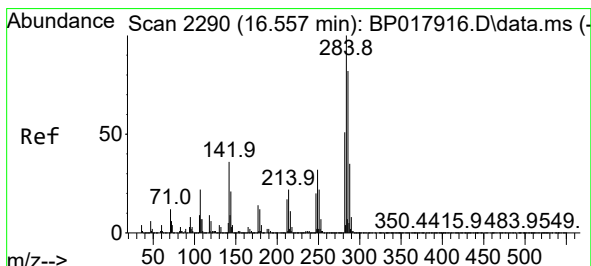
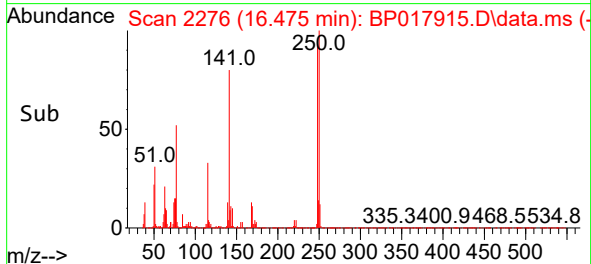
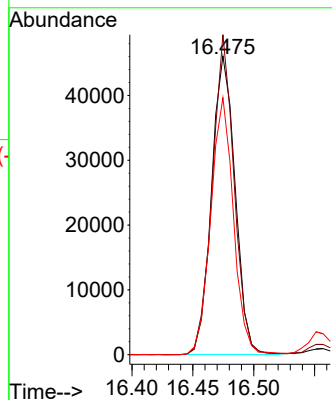
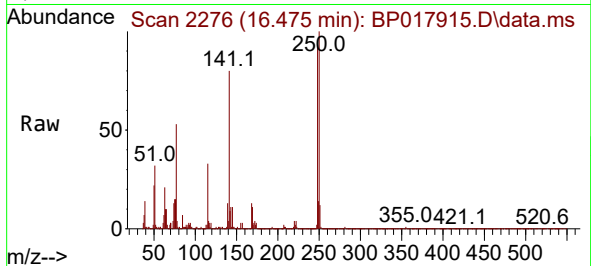




#68
4-Bromophenyl-phenylether
Concen: 9.464 ng/ul
RT: 16.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

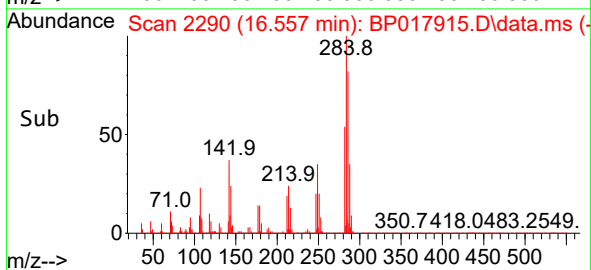
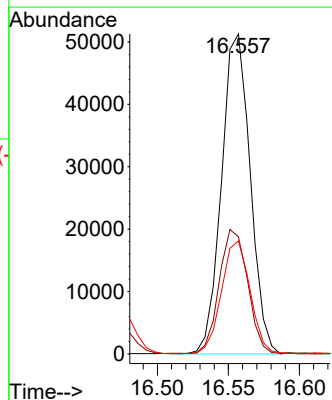
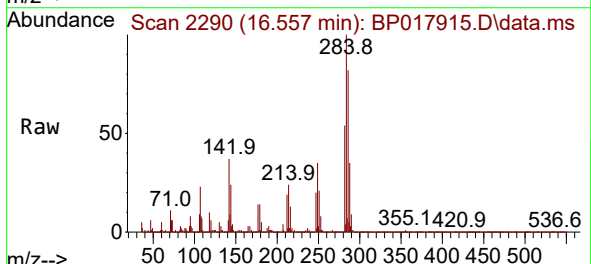
Instrument :
BNA_P
ClientSampleId :
SSTD010604

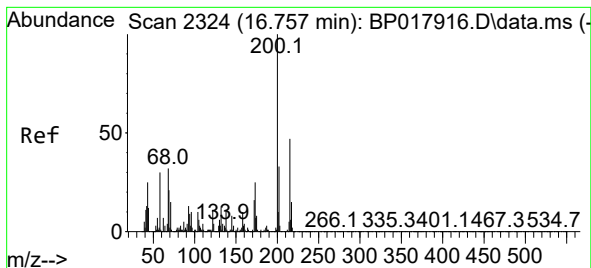
Tgt Ion:248 Resp: 62001
Ion Ratio Lower Upper
248 100
250 107.1 77.9 116.9
141 86.0 62.4 93.6



#69
Hexachlorobenzene
Concen: 9.629 ng/ul
RT: 16.557 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:284 Resp: 72035
Ion Ratio Lower Upper
284 100
142 36.6 29.0 43.6
249 35.3 25.8 38.6





#70

Atrazine

Concen: 9.656 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

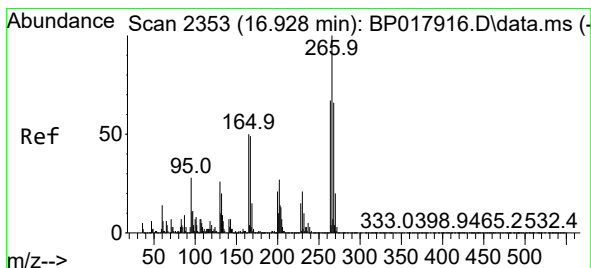
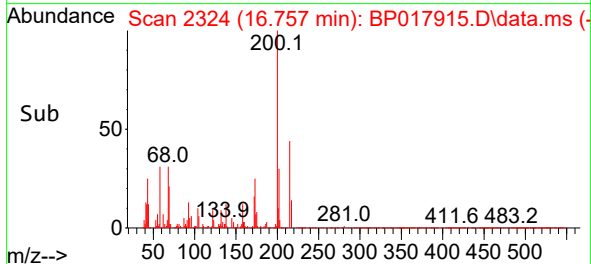
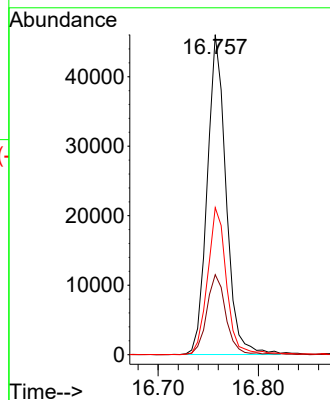
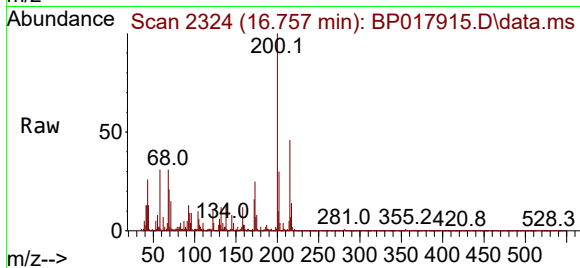
Tgt Ion:200 Resp: 60161

Ion Ratio Lower Upper

200 100

173 25.0 20.2 30.4

215 45.9 37.7 56.5



#71

Pentachlorophenol

Concen: 8.898 ng/ul

RT: 16.933 min Scan# 2354

Delta R.T. 0.006 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

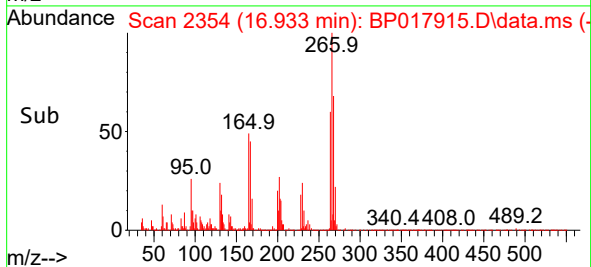
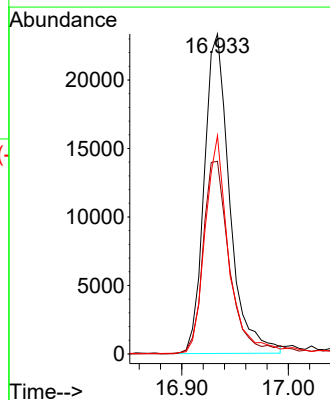
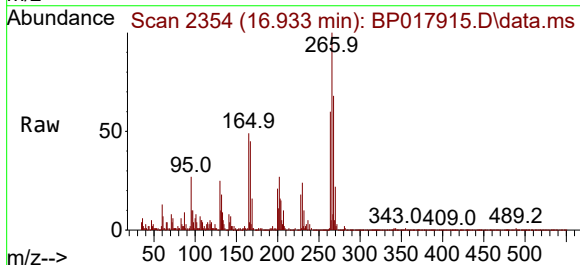
Tgt Ion:266 Resp: 38719

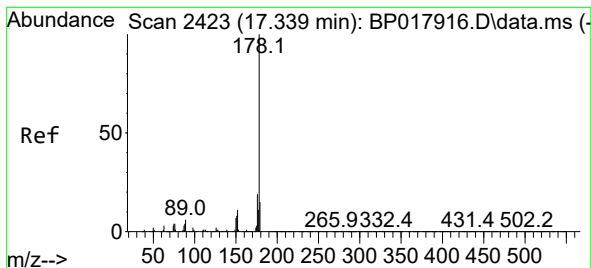
Ion Ratio Lower Upper

266 100

264 60.2 53.8 80.6

268 68.2 52.4 78.6





#72

Phenanthrene

Concen: 9.238 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

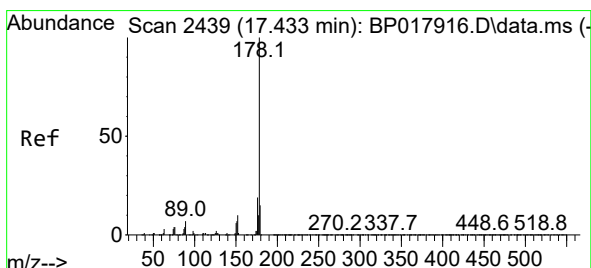
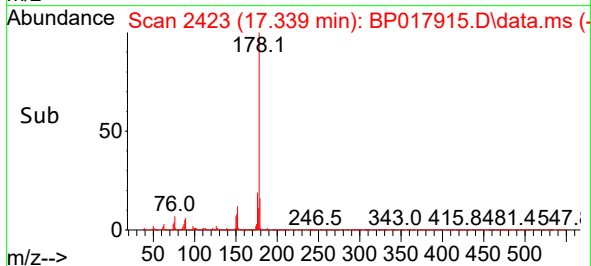
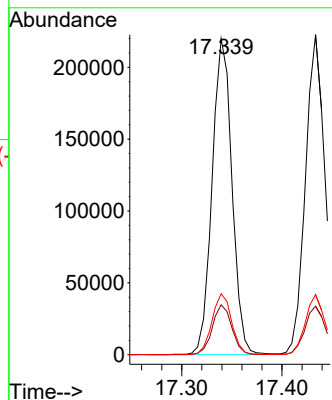
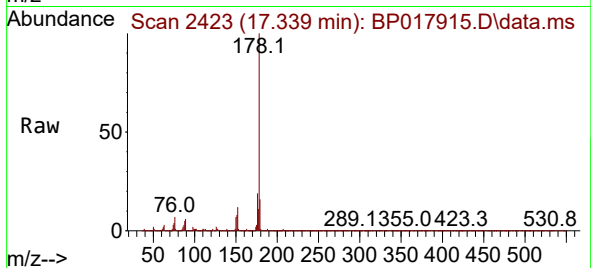
Tgt Ion:178 Resp: 302046

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 19.3 15.2 22.8



#74

Anthracene

Concen: 9.209 ng/ul

RT: 17.433 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

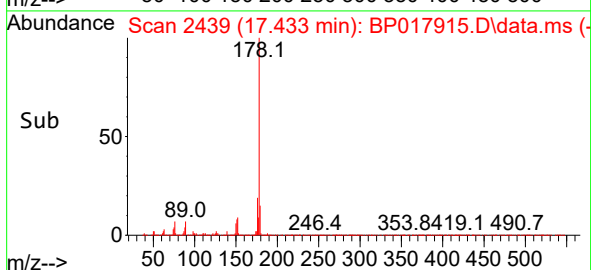
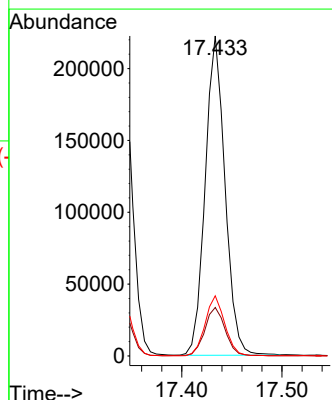
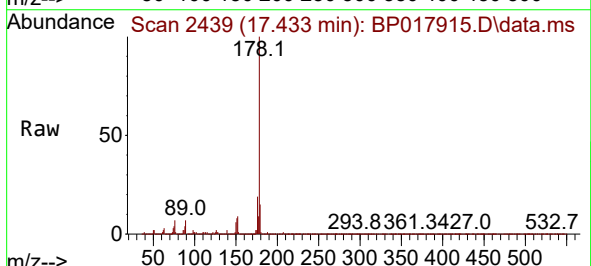
Tgt Ion:178 Resp: 305924

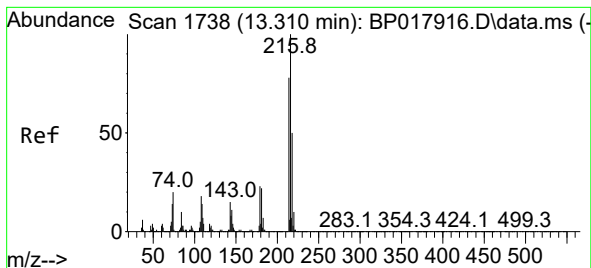
Ion Ratio Lower Upper

178 100

179 15.1 12.5 18.7

176 18.8 14.9 22.3

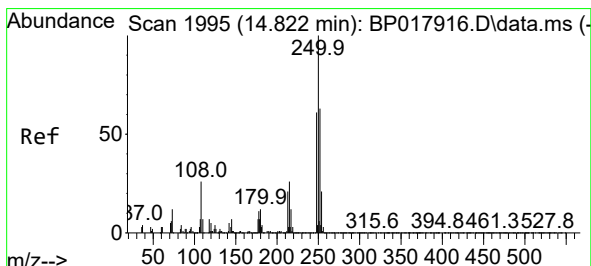
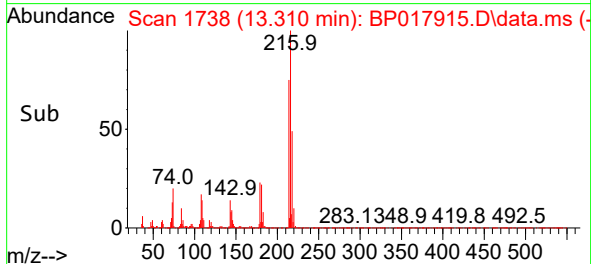
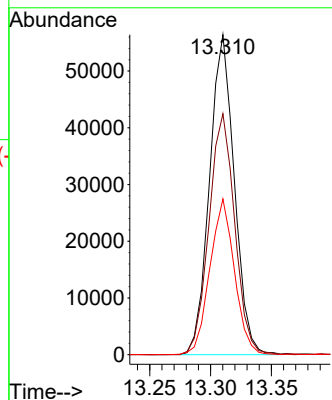
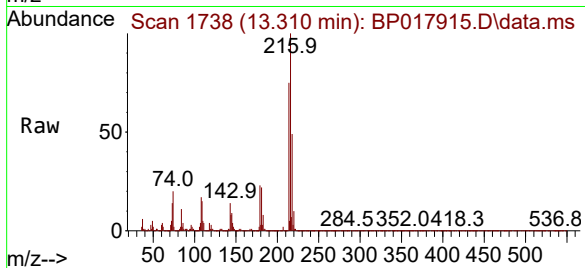




#75
1,2,3,4-Tetrachlorobenzene
Concen: 9.224 ng/uL
RT: 13.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

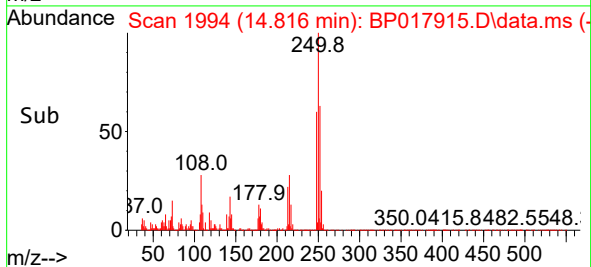
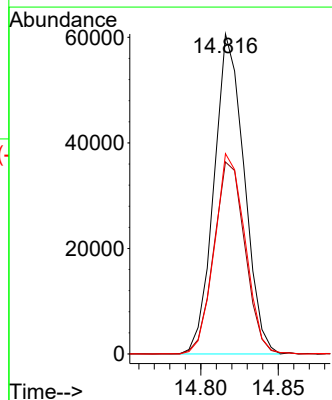
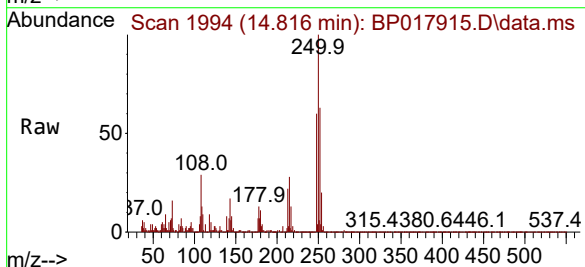
Instrument :
BNA_P
ClientSampleId :
SSTD010604

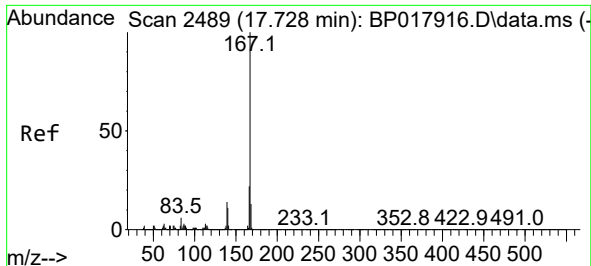
Tgt Ion:216 Resp: 79806
Ion Ratio Lower Upper
216 100
214 75.3 62.3 93.5
218 48.7 39.8 59.6



#76
Pentachlorobenzene
Concen: 9.519 ng/uL
RT: 14.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:250 Resp: 82024
Ion Ratio Lower Upper
250 100
248 60.0 48.5 72.7
252 62.6 50.2 75.4

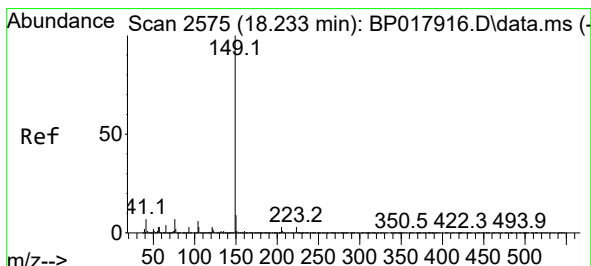
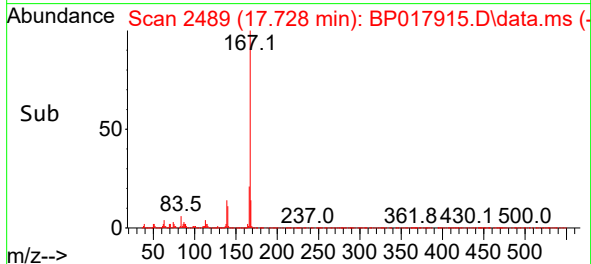
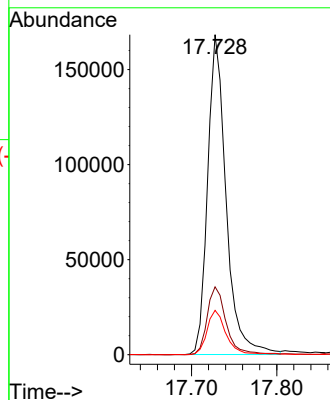
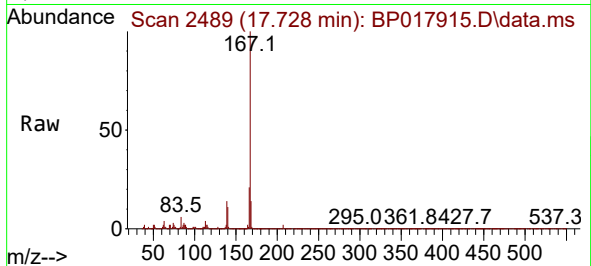




#77
 Carbazole
 Concen: 8.975 ng/ul
 RT: 17.728 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BP017915.D
 Acq: 06 Nov 2023 15:55

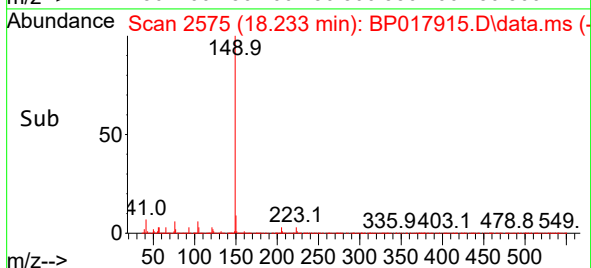
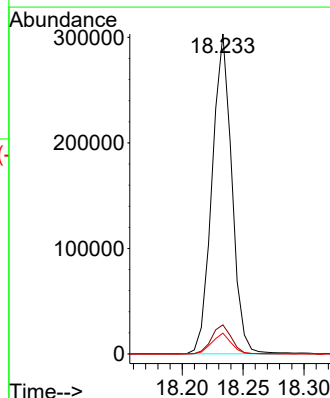
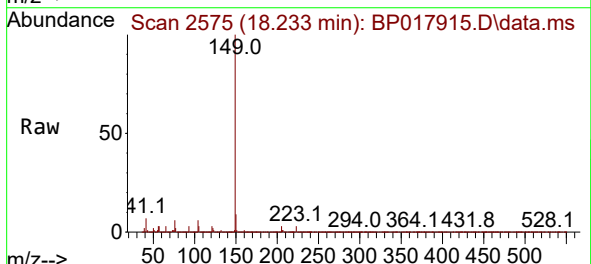
Instrument :
 BNA_P
 ClientSampleId :
 SSTD010604

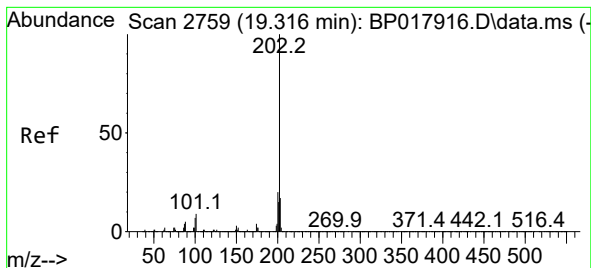
Tgt Ion:167 Resp: 253520
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.7 26.5
 139 13.8 11.0 16.4



#78
 Di-n-butylphthalate
 Concen: 9.213 ng/ul
 RT: 18.233 min Scan# 2575
 Delta R.T. -0.000 min
 Lab File: BP017915.D
 Acq: 06 Nov 2023 15:55

Tgt Ion:149 Resp: 340791
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.5 5.0 7.6





#80

Fluoranthene

Concen: 8.911 ng/ul

RT: 19.316 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

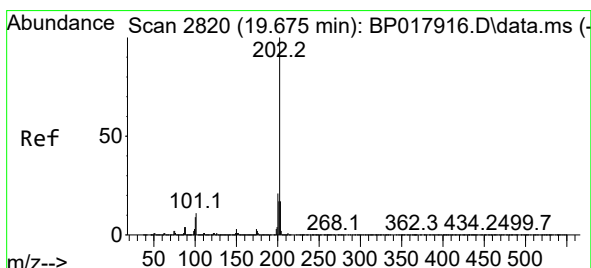
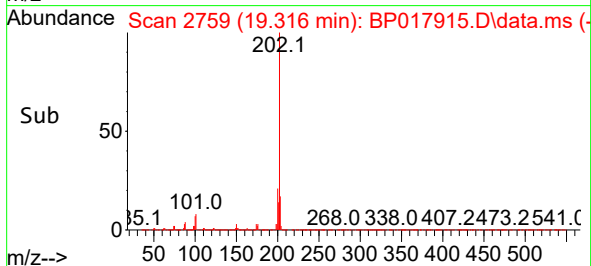
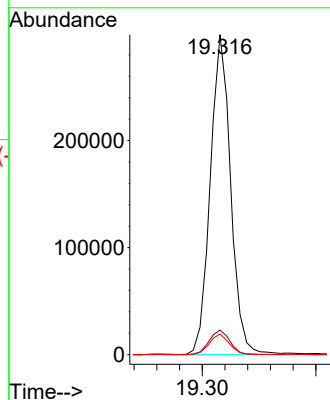
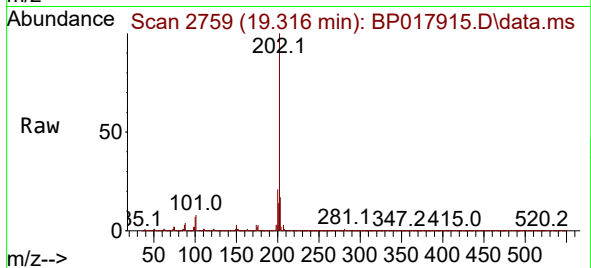
Tgt Ion:202 Resp: 371942

Ion Ratio Lower Upper

202 100

101 7.7 7.1 10.7

100 6.5 5.3 7.9



#82

Pyrene

Concen: 8.970 ng/ul

RT: 19.674 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

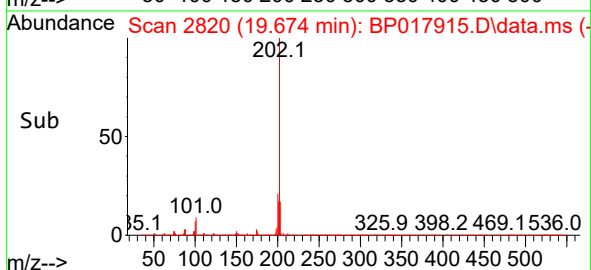
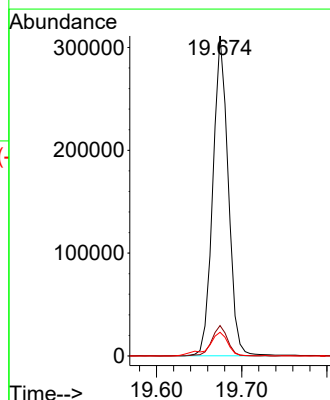
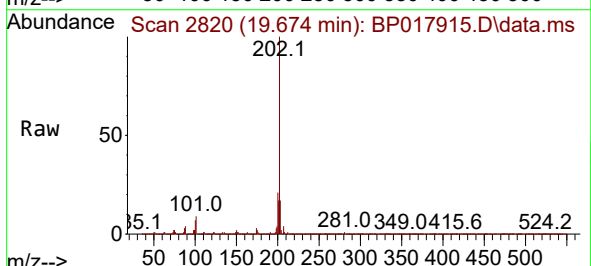
Tgt Ion:202 Resp: 389670

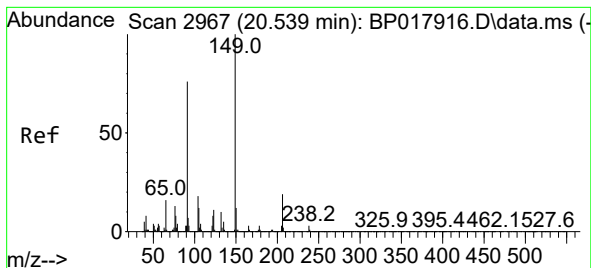
Ion Ratio Lower Upper

202 100

101 9.5 8.6 12.8

100 7.4 7.3 10.9





#83

Butylbenzylphthalate

Concen: 8.248 ng/ul

RT: 20.539 min Scan# 2967

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

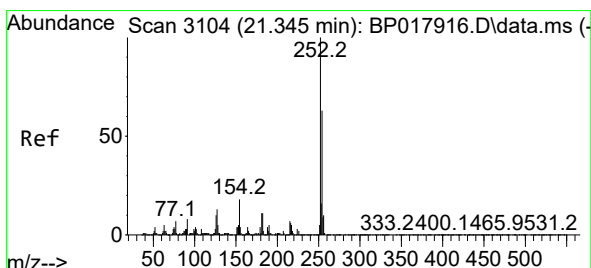
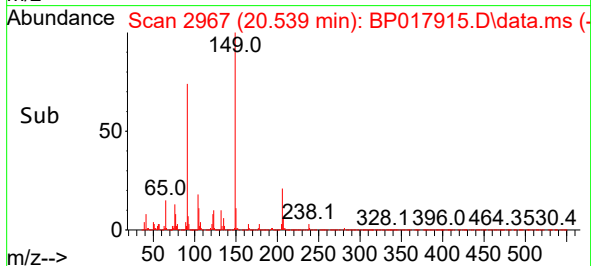
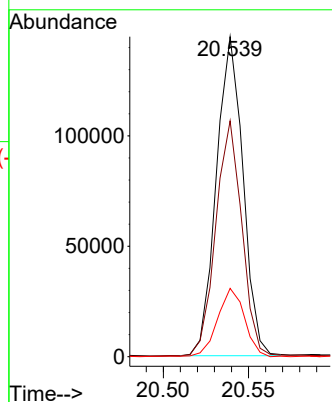
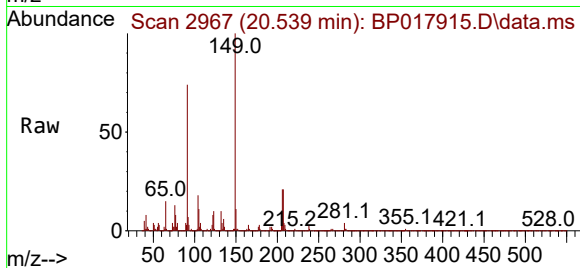
Tgt Ion:149 Resp: 157456

Ion Ratio Lower Upper

149 100

91 73.7 60.4 90.6

206 21.4 15.3 22.9



#84

3,3'-Dichlorobenzidine

Concen: 8.887 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

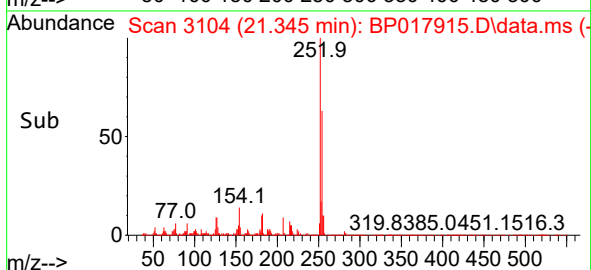
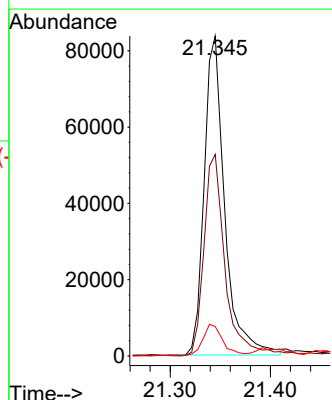
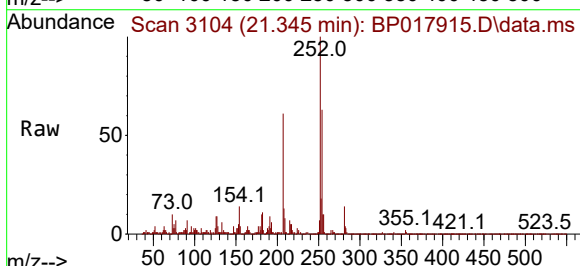
Tgt Ion:252 Resp: 119229

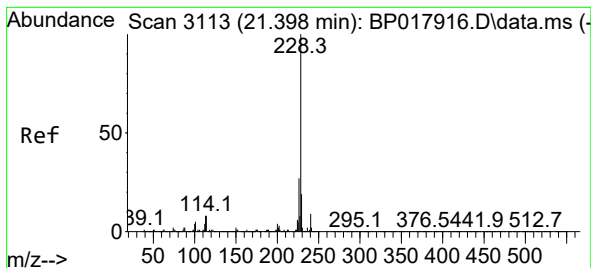
Ion Ratio Lower Upper

252 100

254 63.0 50.7 76.1

126 9.1 7.9 11.9





#85

Benzo(a)anthracene

Concen: 9.123 ng/ul

RT: 21.398 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

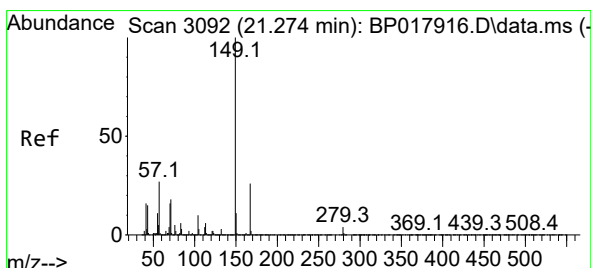
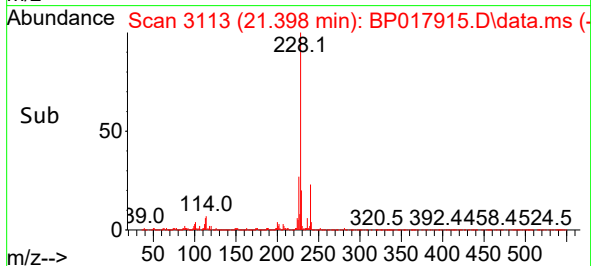
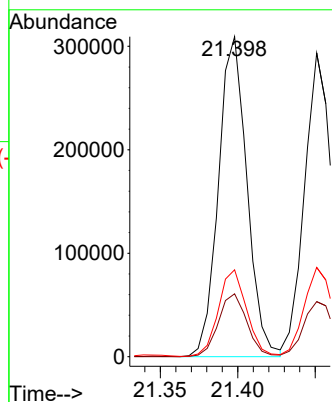
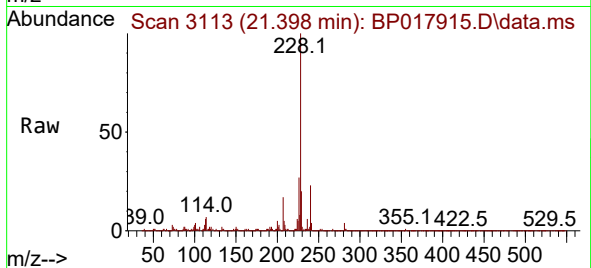
Tgt Ion:228 Resp: 396006

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

226 27.2 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 8.218 ng/ul

RT: 21.274 min Scan# 3092

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

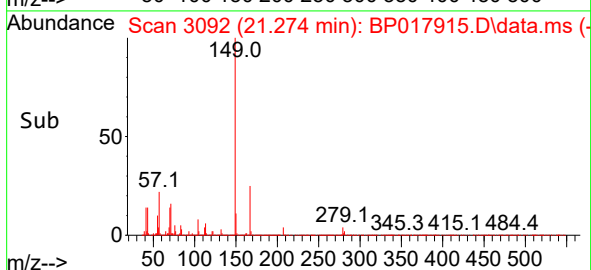
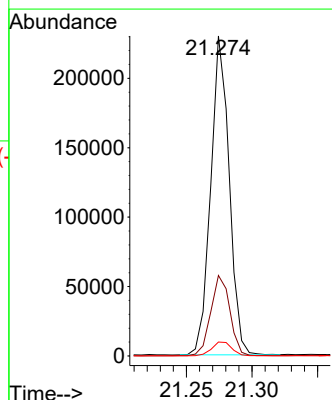
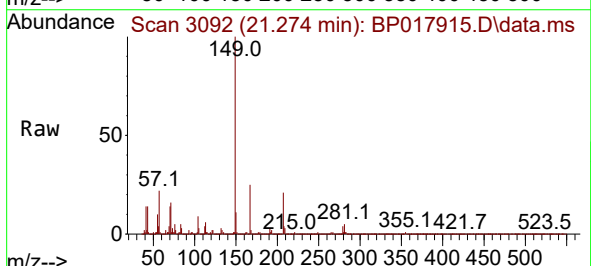
Tgt Ion:149 Resp: 225161

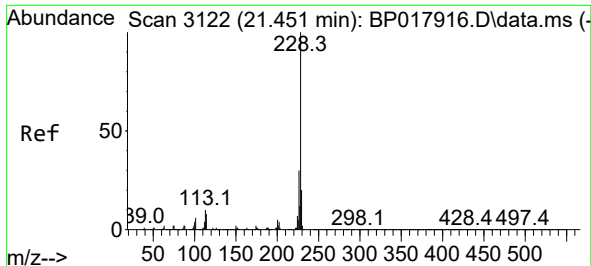
Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.6

279 4.3 3.0 4.6

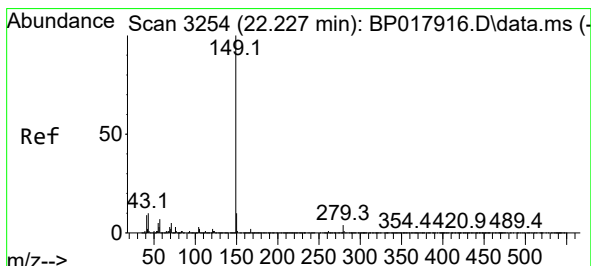
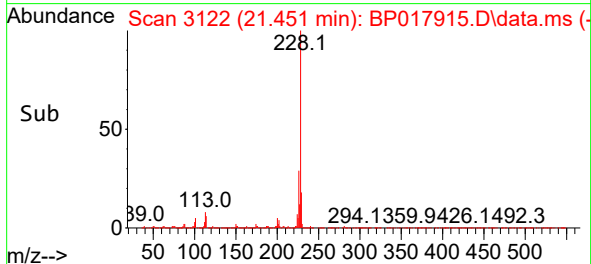
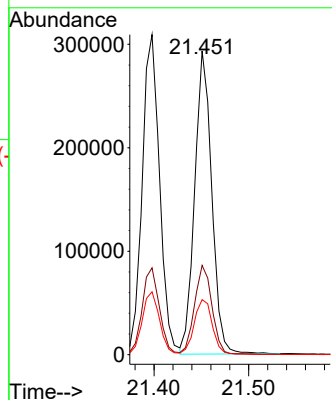
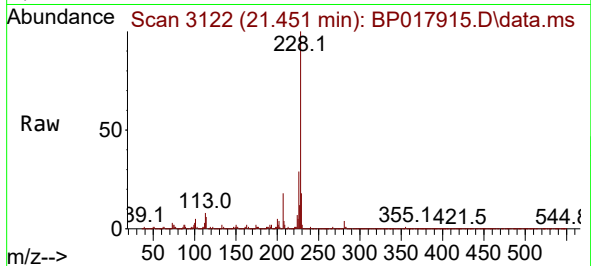




#87
Chrysene
Concen: 9.138 ng/ul
RT: 21.451 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

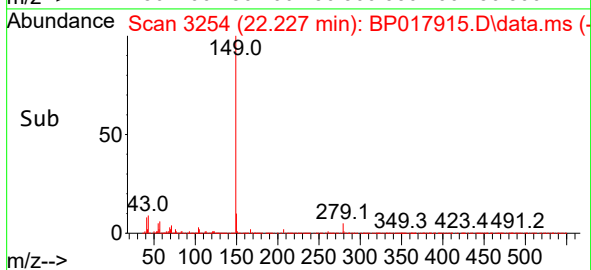
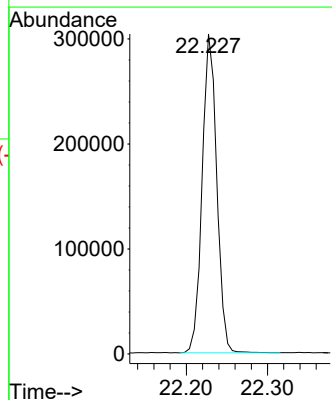
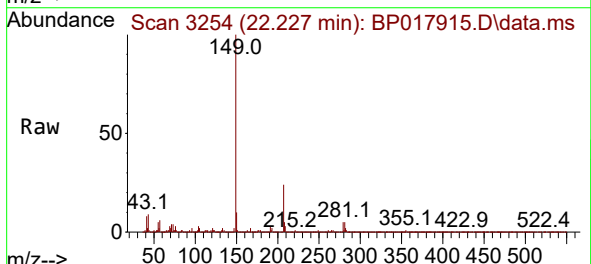
Instrument :
BNA_P
ClientSampleId :
SSTD010604

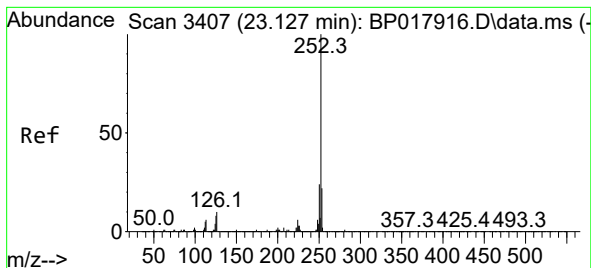
Tgt Ion:228 Resp: 367188
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 18.1 16.1 24.1



#89
Di-n-octyl phthalate
Concen: 7.687 ng/ul
RT: 22.227 min Scan# 3254
Delta R.T. -0.000 min
Lab File: BP017915.D
Acq: 06 Nov 2023 15:55

Tgt Ion:149 Resp: 378424





#90

Benzo(b)fluoranthene

Concen: 9.188 ng/ul

RT: 23.127 min Scan# 3407

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

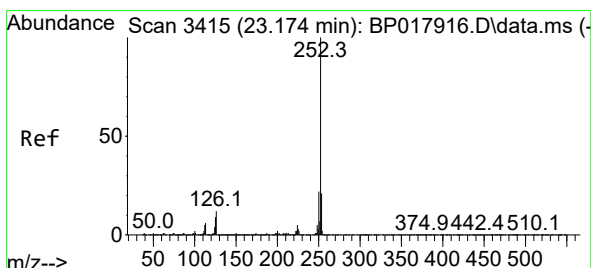
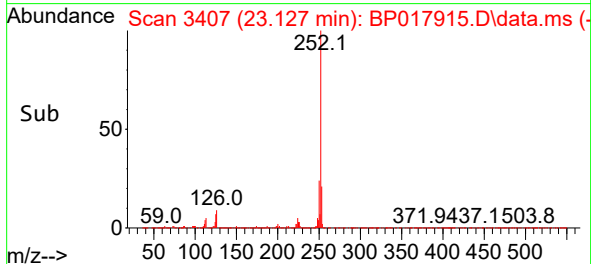
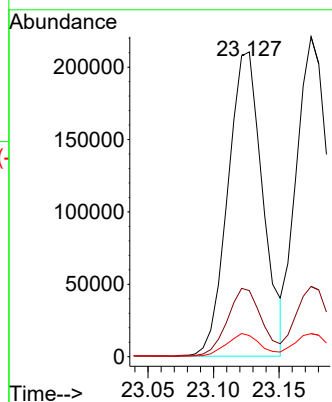
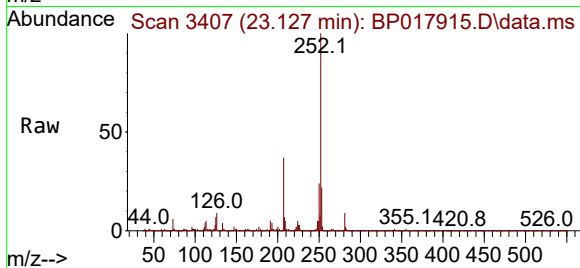
Tgt Ion:252 Resp: 389575

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 6.9 6.6 10.0



#91

Benzo(k)fluoranthene

Concen: 9.005 ng/ul

RT: 23.174 min Scan# 3415

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

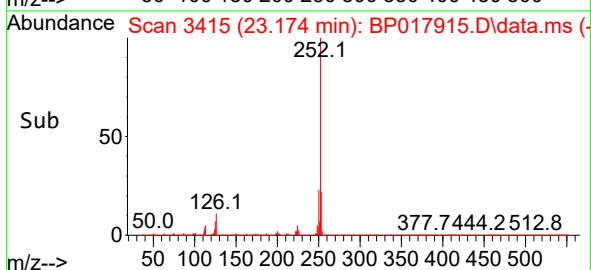
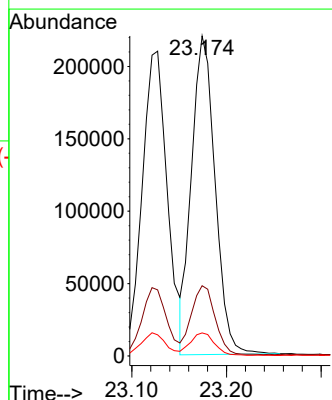
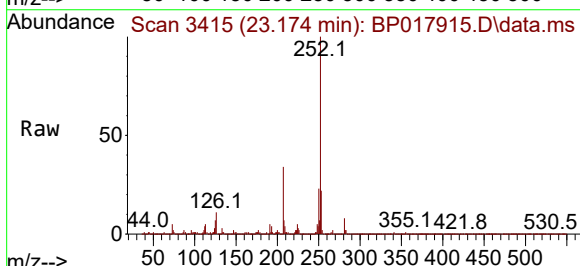
Tgt Ion:252 Resp: 380661

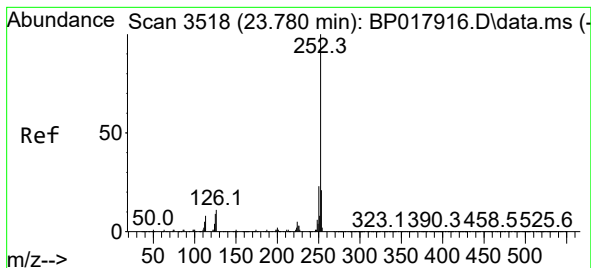
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 7.2 7.0 10.6





#93

Benzo(a)pyrene

Concen: 9.072 ng/ul

RT: 23.780 min Scan# 3518

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

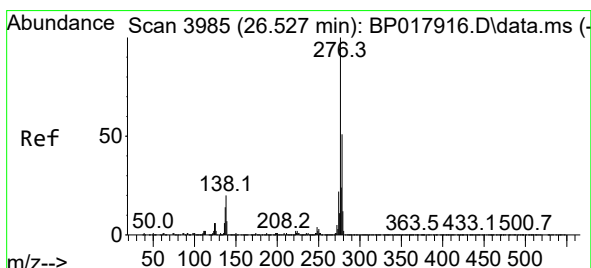
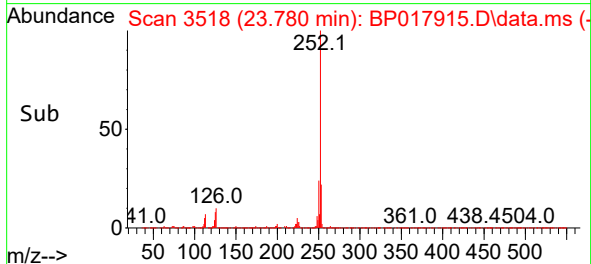
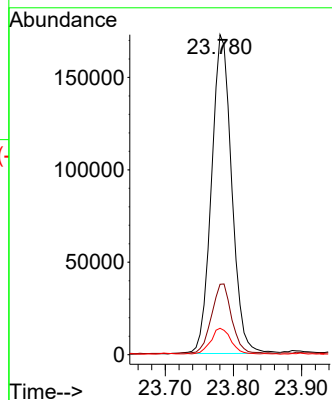
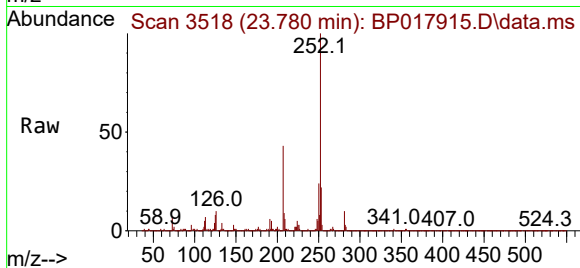
Tgt Ion:252 Resp: 356060

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 8.3 7.5 11.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.302 ng/ul

RT: 26.521 min Scan# 3984

Delta R.T. -0.006 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

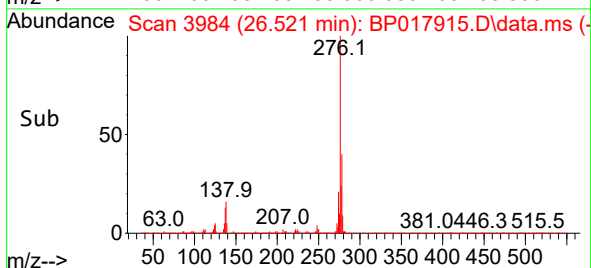
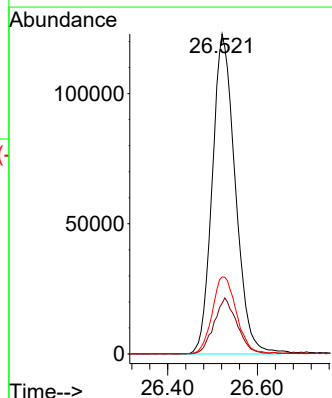
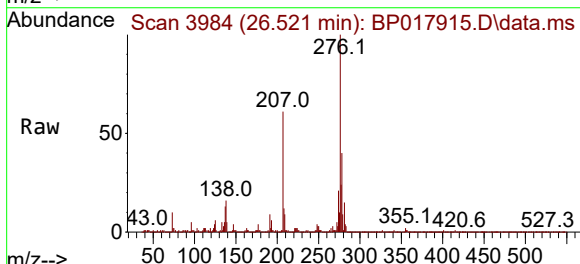
Tgt Ion:276 Resp: 437500

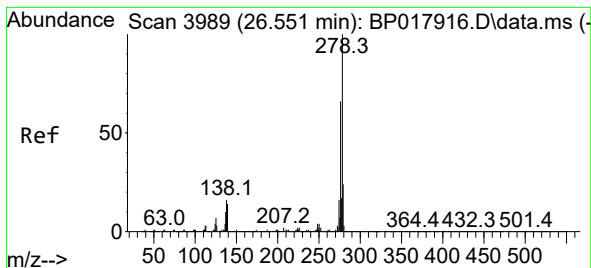
Ion Ratio Lower Upper

276 100

138 15.9 15.9 23.9#

277 24.1 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 9.191 ng/ul

RT: 26.551 min Scan# 3989

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Instrument :

BNA_P

ClientSampleId :

SSTD010604

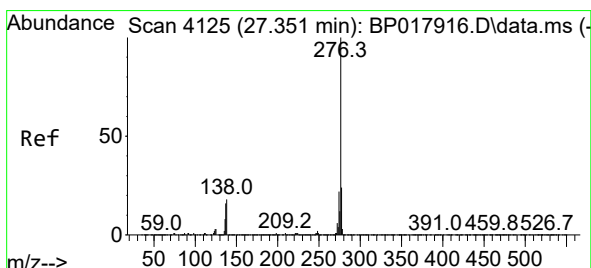
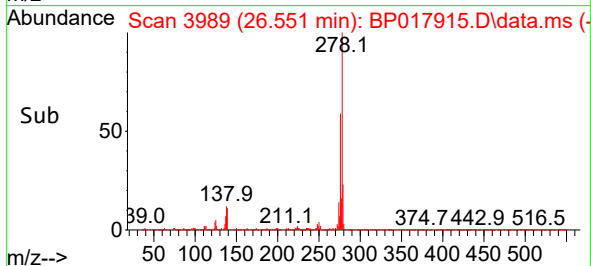
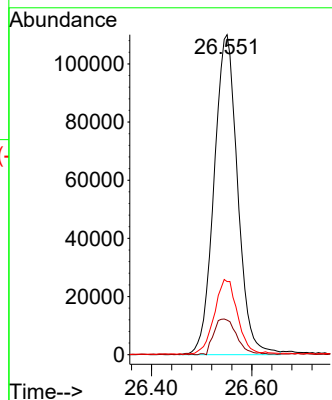
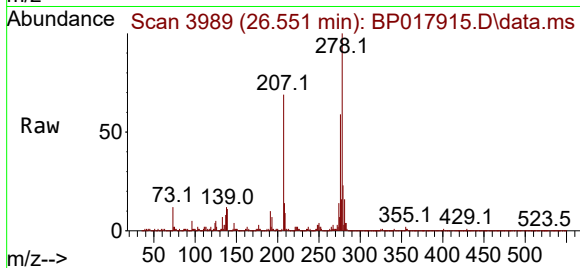
Tgt Ion:278 Resp: 358995

Ion Ratio Lower Upper

278 100

139 10.8 11.0 16.4#

279 22.8 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 9.260 ng/ul

RT: 27.351 min Scan# 4125

Delta R.T. -0.000 min

Lab File: BP017915.D

Acq: 06 Nov 2023 15:55

Tgt Ion:276 Resp: 346992

Ion Ratio Lower Upper

276 100

138 15.0 14.7 22.1

277 23.5 19.2 28.8

