

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP017990.D
 Acq On : 09 Nov 2023 16:09
 Operator : MA/JU
 Sample : SSTD04049
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040613

Quant Time: Nov 09 21:51:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 21:43:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	60027	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	255839	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	168351	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	382239	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	370602	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	399079	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	28470	16.236	ng/uL	0.00
4) Pyridine-d5	3.675	84	201053	44.115	ng/u1	0.00
7) Phenol-d5	7.034	99	247102	43.804	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	148088	43.337	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	192021	42.543	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	199520	44.097	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	95449	41.661	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	112316	44.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	196273	42.968	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	275105	43.949	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	638897	41.283	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	696447	41.977	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	109310	48.225	ng/u1	0.00
60) Fluorene-d10	15.545	176	531741	41.454	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	116326	43.584	ng/u1	0.00
73) Anthracene-d10	17.422	188	849484	41.477	ng/u1	0.00
81) Pyrene-d10	19.674	212	1016432	42.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	966858	41.681	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	32866	16.855	ng/uL	94
5) Pyridine	3.699	79	201221	43.011	ng/u1	96
6) Benzaldehyde	7.034	77	145602	46.892	ng/u1	98
8) Phenol	7.057	94	240724	43.336	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.310	93	191257	43.624	ng/u1	96
12) 2-Chlorophenol	7.422	128	192986	42.034	ng/u1	99
13) 2-Methylphenol	8.316	108	181309	43.550	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.381	45	138852	27.332	ng/u1	99
16) Acetophenone	8.728	105	311861	43.106	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.693	70	169253	42.714	ng/u1	99
18) 4-Methylphenol	8.657	108	195642	43.334	ng/u1	95
19) Hexachloroethane	8.922	117	90742	41.345	ng/u1	99
22) Nitrobenzene	9.116	77	260967	41.864	ng/u1	98
23) Isophorone	9.628	82	469653	42.553	ng/u1	97
25) 2-Nitrophenol	9.816	139	114704	43.747	ng/u1	98
26) 2,4-Dimethylphenol	9.863	107	241132	43.023	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.116	93	258723	41.521	ng/u1	98
29) 2,4-Dichlorophenol	10.340	162	189065	43.165	ng/u1	96
30) Naphthalene	10.740	128	631688	40.721	ng/u1	99
32) 4-Chloroaniline	10.887	127	262658	43.859	ng/u1	99
33) Hexachlorobutadiene	10.957	225	130541	40.115	ng/u1	96
34) Caprolactam	11.728	113	29134	20.843	ng/u1	91
35) 4-Chloro-3-methylphenol	11.998	107	224296	43.007	ng/u1	98
36) 2-Methylnaphthalene	12.351	142	438829	41.387	ng/u1	96

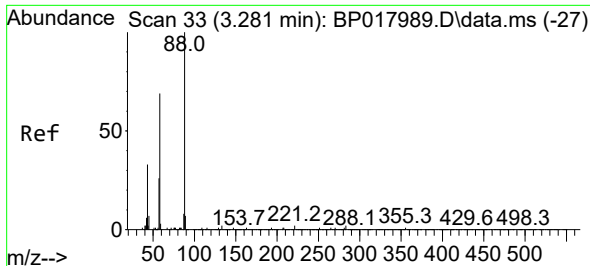
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 21:43:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	445840	41.275	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	232095	40.658	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	114173	41.834	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	160223	43.169	ng/ul	97
42) 2,4,5-Trichlorophenol	13.045	196	170717	43.573	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	586738	40.988	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	468062	41.334	ng/ul	99
45) 2-Nitroaniline	13.675	65	162002	45.223	ng/ul	98
47) Dimethylphthalate	14.010	163	626463	40.126	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	129378	44.132	ng/ul	90
50) Acenaphthylene	14.275	152	781372	41.123	ng/ul	99
51) 3-Nitroaniline	14.510	138	125406	45.986	ng/ul	100
52) Acenaphthene	14.610	153	518131	41.037	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	67228	42.917	ng/ul	97
55) 4-Nitrophenol	14.810	109	137288	44.710	ng/ul	97
56) Dibenzofuran	14.945	168	714927	41.021	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	194169	43.303	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.169	232	149286	42.969	ng/ul	99
59) Diethylphthalate	15.369	149	710858	28.292	ng/ul	100
61) Fluorene	15.604	166	600711	40.868	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	293752	40.712	ng/ul	96
63) 4-Nitroaniline	15.686	138	122383	47.408	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	121100	43.311	ng/ul#	99
67) N-Nitrosodiphenylamine	15.822	169	507873	41.486	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	173408	41.551	ng/ul	100
69) Hexachlorobenzene	16.580	284	192075	40.599	ng/ul	99
70) Atrazine	16.786	200	185237	43.725	ng/ul	95
71) Pentachlorophenol	16.951	266	123836	42.617	ng/ul	97
72) Phenanthrene	17.369	178	968033	40.686	ng/ul	99
74) Anthracene	17.463	178	992805	41.273	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	235634	41.088	ng/uL	98
76) Pentachlorobenzene	14.839	250	228932	40.624	ng/uL	98
77) Carbazole	17.757	167	898595	43.261	ng/ul	99
78) Di-n-butylphthalate	18.263	149	1142950	40.914	ng/ul	99
80) Fluoranthene	19.345	202	1173861	42.521	ng/ul	99
82) Pyrene	19.704	202	1232427	42.239	ng/ul	100
83) Butylbenzylphthalate	20.568	149	547085	43.300	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.374	252	387473	44.122	ng/ul	99
85) Benzo(a)anthracene	21.433	228	1233111	41.388	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	754374	42.580	ng/ul	99
87) Chrysene	21.492	228	1152023	41.051	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	1300713	42.940	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1182060	41.213	ng/ul	98
91) Benzo(k)fluoranthene	23.233	252	1204158	42.063	ng/ul	99
93) Benzo(a)pyrene	23.851	252	1129984	41.796	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.633	276	1332221	41.575	ng/ul	98
95) Dibenzo(a,h)anthracene	26.656	278	1101651	41.584	ng/ul	98
96) Benzo(g,h,i)perylene	27.468	276	1069011	41.805	ng/ul	99

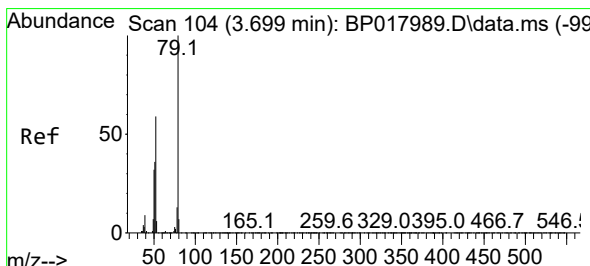
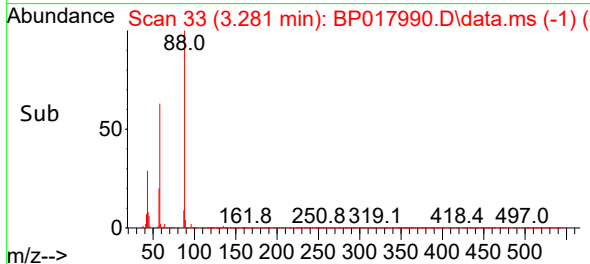
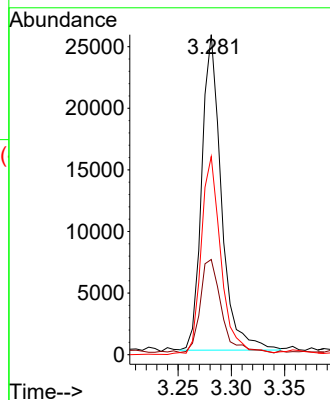
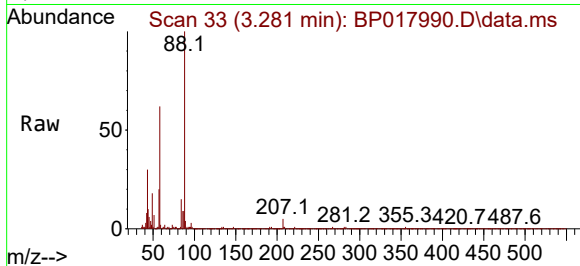
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#2
 1,4-Dioxane
 Concen: 16.855 ng/uL
 RT: 3.281 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP017990.D
 Acq: 09 Nov 2023 16:09

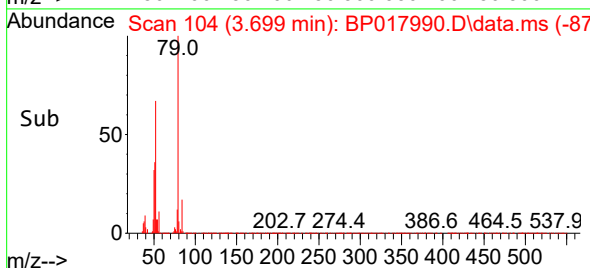
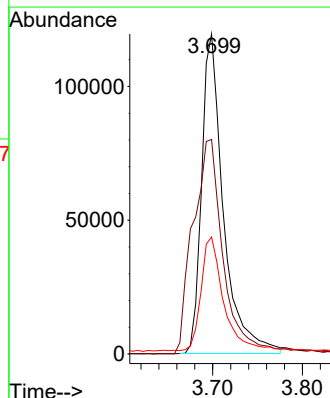
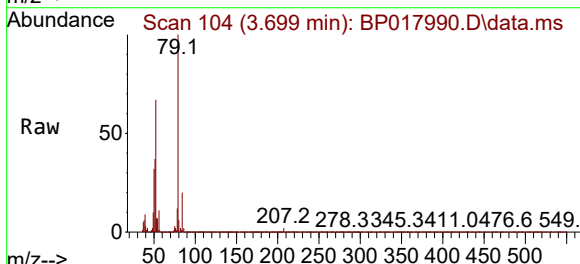
Instrument :
 BNA_P
 ClientSampleId :
 SST040613

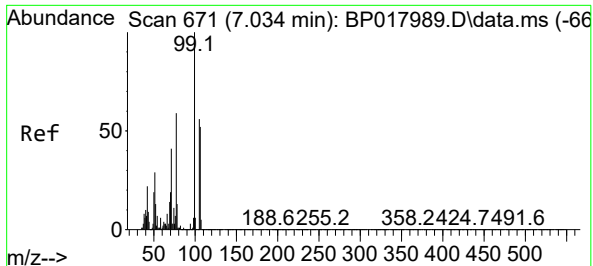
Tgt Ion:	88	Resp:	32866
Ion	Ratio	Lower	Upper
88	100		
43	29.8	26.3	39.5
58	61.9	54.0	81.0



#5
 Pyridine
 Concen: 43.011 ng/uL
 RT: 3.699 min Scan# 104
 Delta R.T. -0.000 min
 Lab File: BP017990.D
 Acq: 09 Nov 2023 16:09

Tgt Ion:	79	Resp:	201221
Ion	Ratio	Lower	Upper
79	100		
52	67.0	56.8	85.2
51	36.6	30.9	46.3

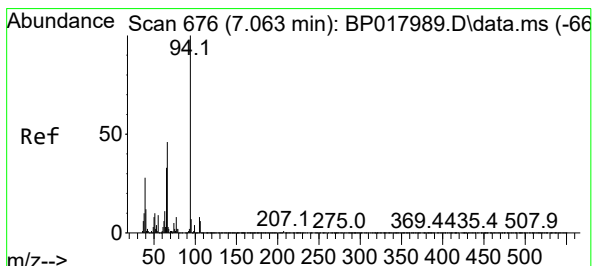
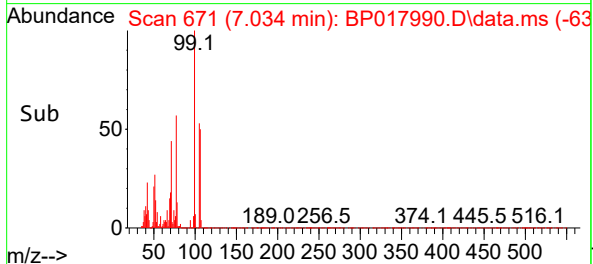
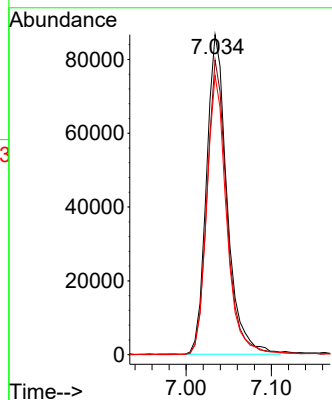
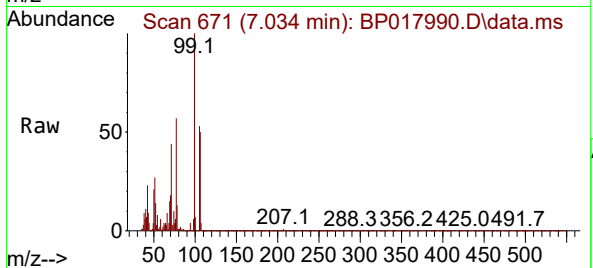




#6
Benzaldehyde
Concen: 46.892 ng/ul
RT: 7.034 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

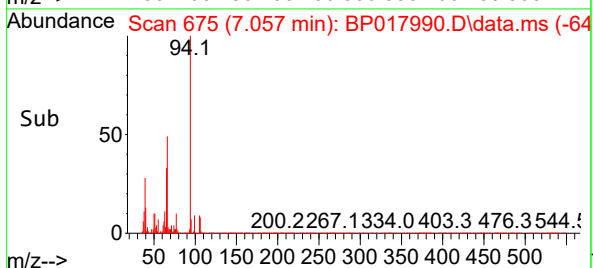
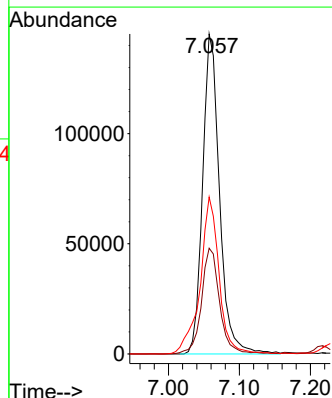
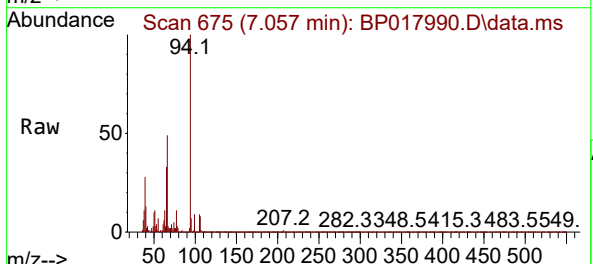
Instrument :
BNA_P
ClientSampleId :
SSTD040613

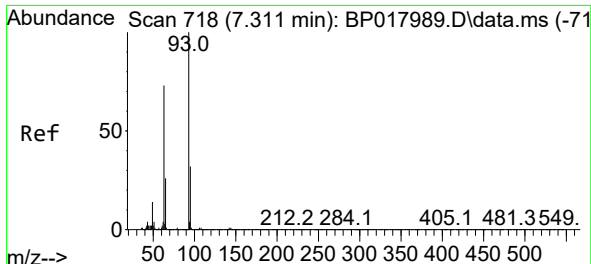
Tgt Ion: 77 Resp: 145602
Ion Ratio Lower Upper
77 100
105 92.1 75.8 113.6
106 87.3 69.6 104.4



#8
Phenol
Concen: 43.336 ng/ul
RT: 7.057 min Scan# 675
Delta R.T. -0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion: 94 Resp: 240724
Ion Ratio Lower Upper
94 100
65 33.1 26.5 39.7
66 49.1 37.0 55.6

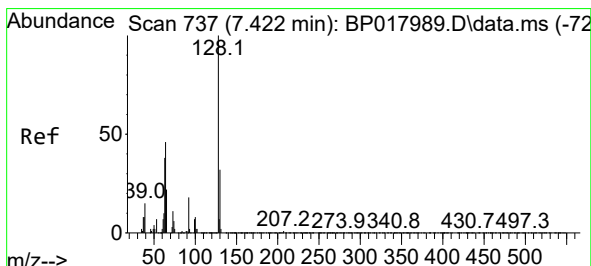
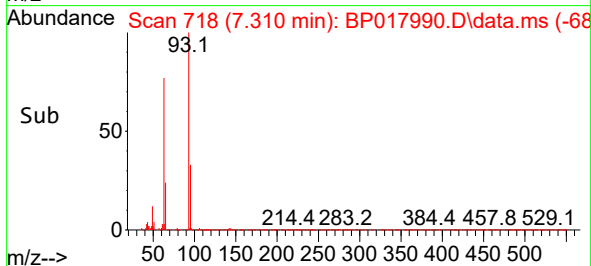
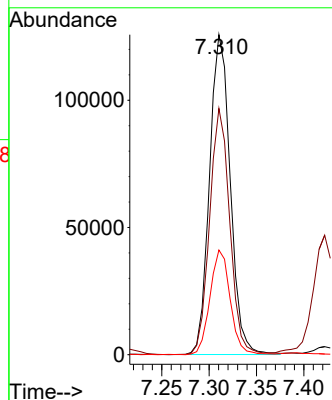
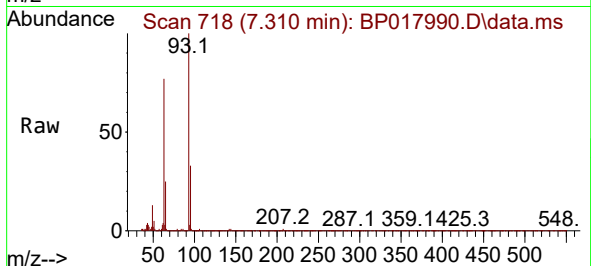




#10
Bis(2-Chloroethyl)ether
Concen: 43.624 ng/ul
RT: 7.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

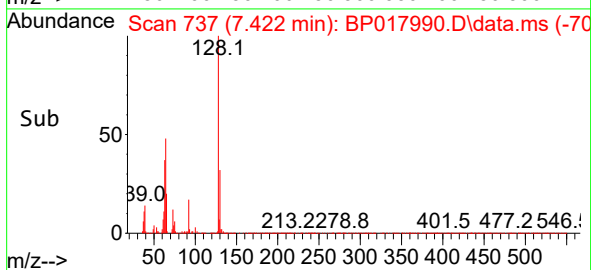
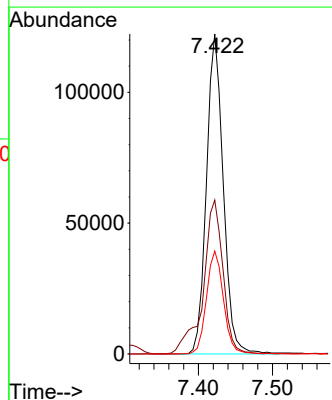
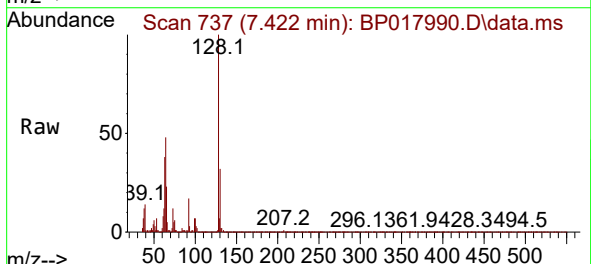
Instrument :
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ClientSampleId :
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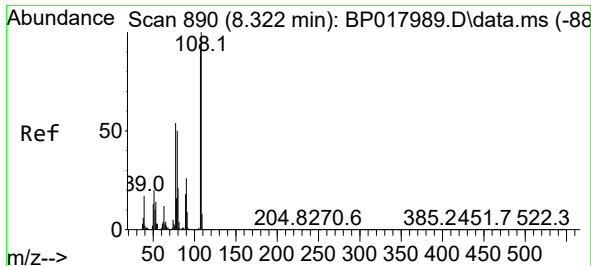
Tgt Ion: 93 Resp: 191257
Ion Ratio Lower Upper
93 100
63 76.9 58.3 87.5
95 32.7 25.9 38.9



#12
2-Chlorophenol
Concen: 42.034 ng/ul
RT: 7.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:128 Resp: 192986
Ion Ratio Lower Upper
128 100
64 48.1 38.9 58.3
130 32.2 25.9 38.9





#13

2-Methylphenol

Concen: 43.550 ng/ul

RT: 8.316 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

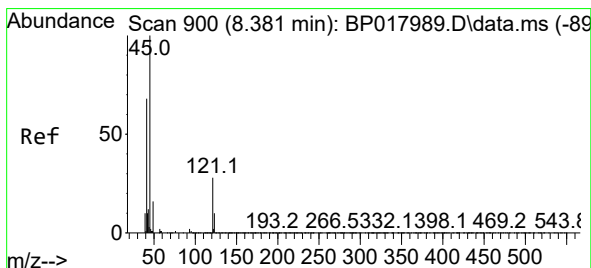
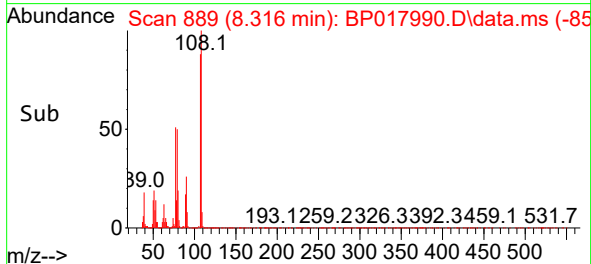
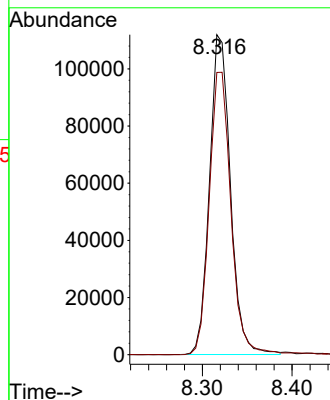
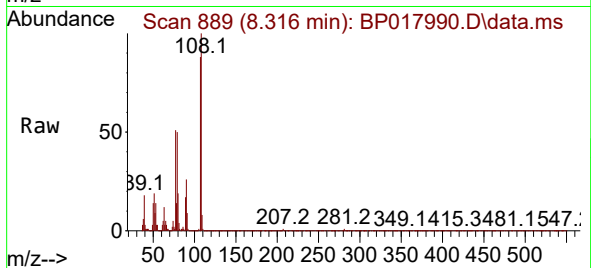
SSTD040613

Tgt Ion:108 Resp: 181309

Ion Ratio Lower Upper

108 100

107 88.2 74.0 111.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 27.332 ng/ul

RT: 8.381 min Scan# 900

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

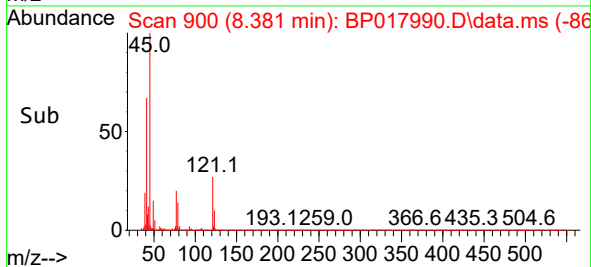
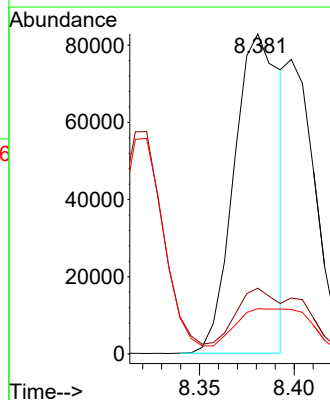
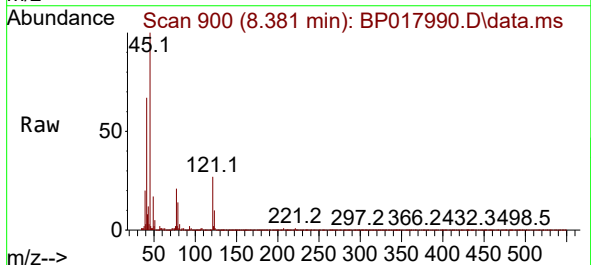
Tgt Ion: 45 Resp: 138852

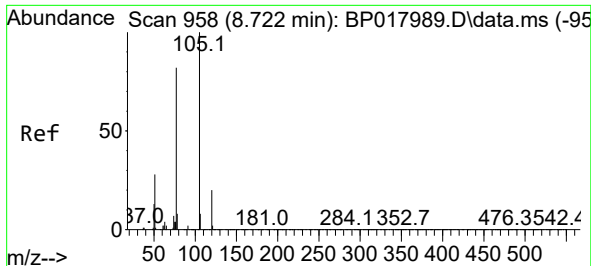
Ion Ratio Lower Upper

45 100

77 20.6 16.6 24.8

79 14.2 10.6 16.0

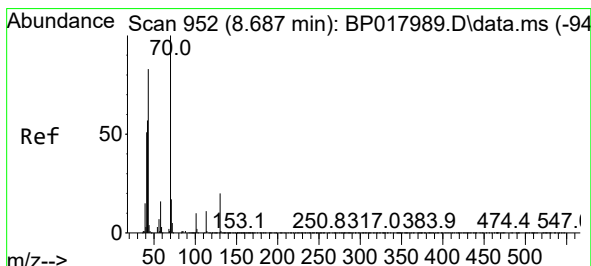
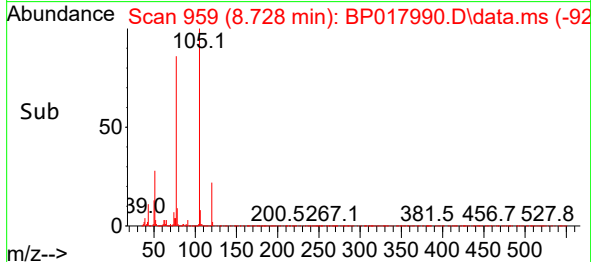
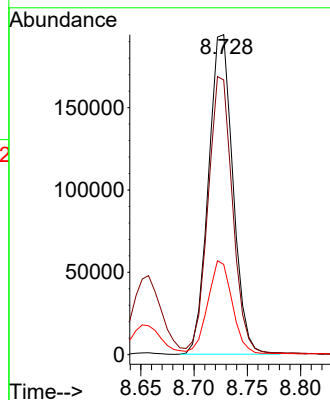
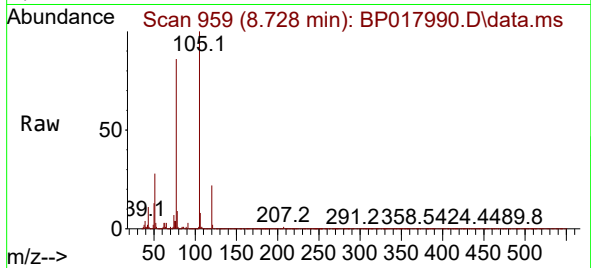




#16
Acetophenone
Concen: 43.106 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

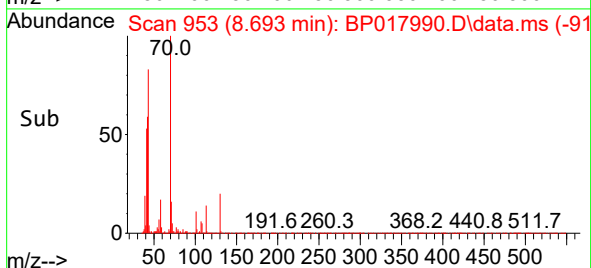
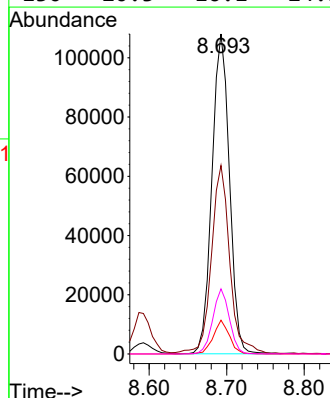
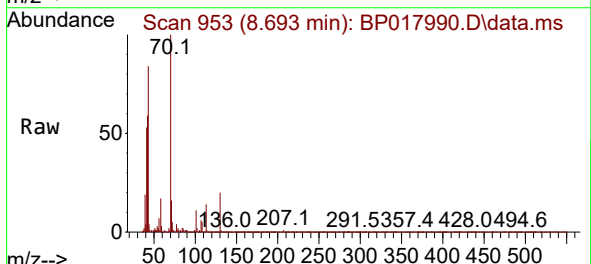
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ClientSampleId :
SSTD040613

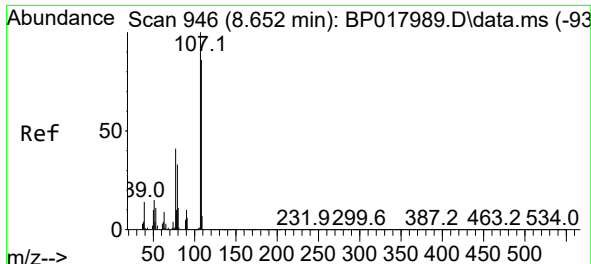
Tgt Ion:105 Resp: 311861
Ion Ratio Lower Upper
105 100
77 85.8 68.2 102.4
51 28.2 24.1 36.1



#17
N-Nitroso-di-n-propylamine
Concen: 42.714 ng/ul
RT: 8.693 min Scan# 953
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion: 70 Resp: 169253
Ion Ratio Lower Upper
70 100
42 58.9 46.7 70.1
101 10.5 7.7 11.5
130 20.3 16.1 24.1

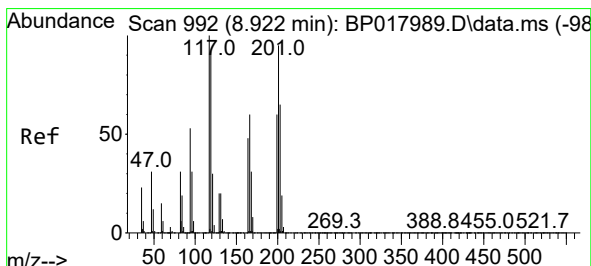
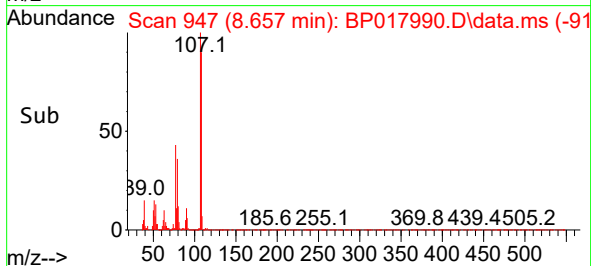
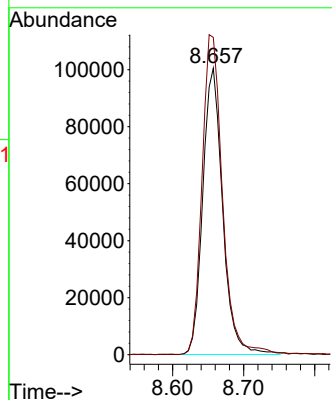
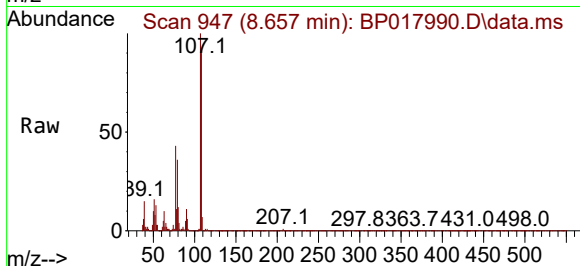




#18
4-Methylphenol
Concen: 43.334 ng/ul
RT: 8.657 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

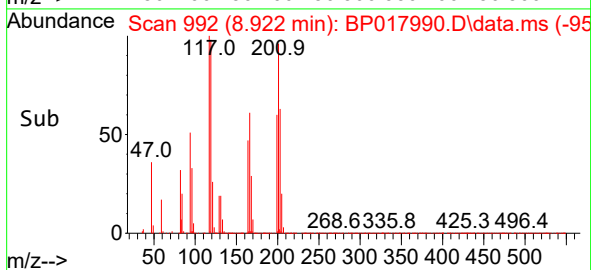
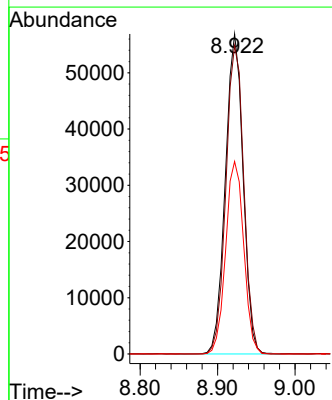
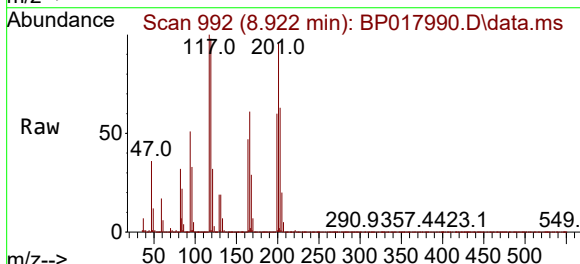
Instrument :
BNA_P
ClientSampleId :
SSTD040613

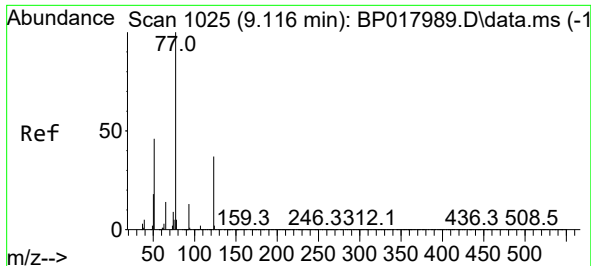
Tgt Ion:108 Resp: 195642
Ion Ratio Lower Upper
108 100
107 110.7 93.1 139.7



#19
Hexachloroethane
Concen: 41.345 ng/ul
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:117 Resp: 90742
Ion Ratio Lower Upper
117 100
201 96.4 76.0 114.0
199 60.2 47.6 71.4

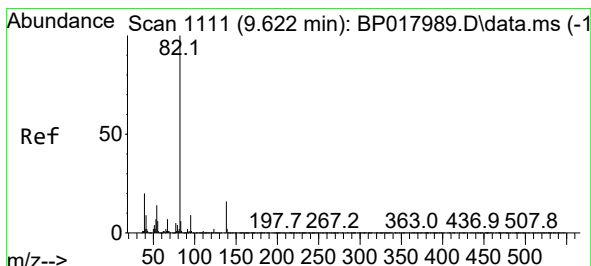
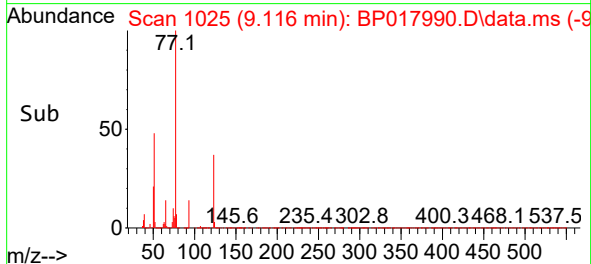
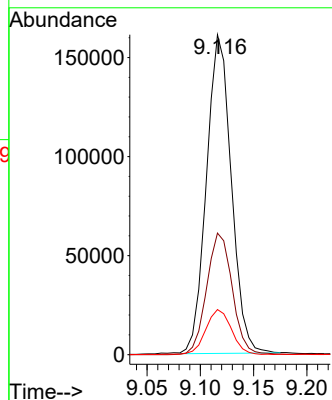
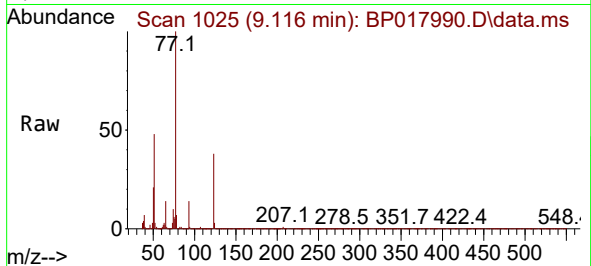




#22
Nitrobenzene
Concen: 41.864 ng/ul
RT: 9.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

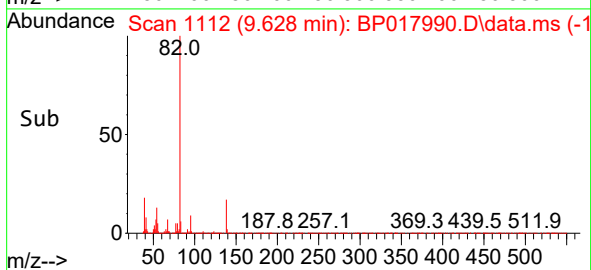
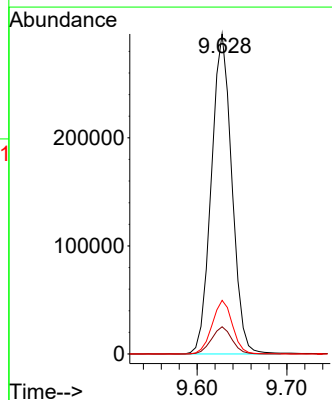
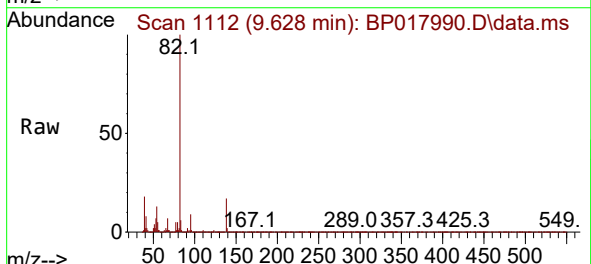
Instrument :
BNA_P
ClientSampleId :
SSTD040613

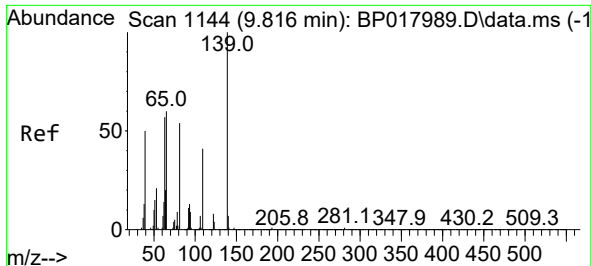
Tgt Ion: 77 Resp: 260967
Ion Ratio Lower Upper
77 100
123 38.0 29.4 44.2
65 14.1 11.4 17.2



#23
Isophorone
Concen: 42.553 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion: 82 Resp: 469653
Ion Ratio Lower Upper
82 100
95 8.5 7.5 11.3
138 16.7 12.5 18.7

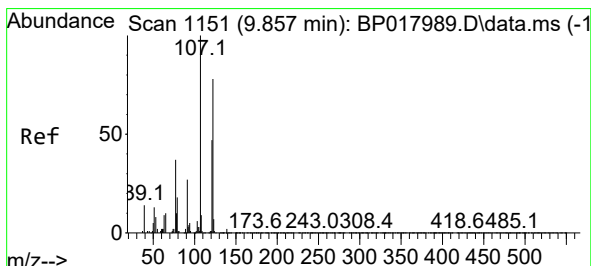
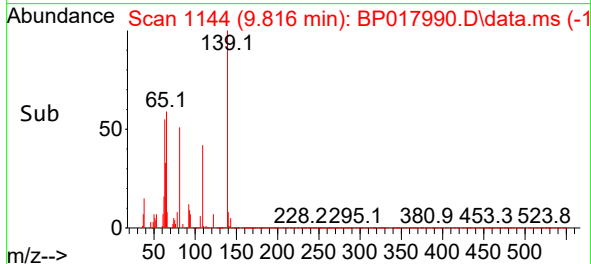
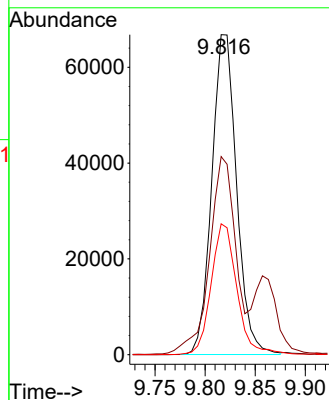
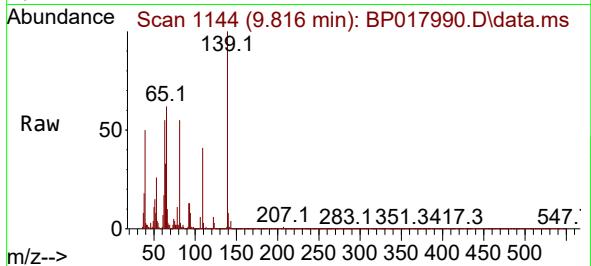




#25
2-Nitrophenol
Concen: 43.747 ng/ul
RT: 9.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

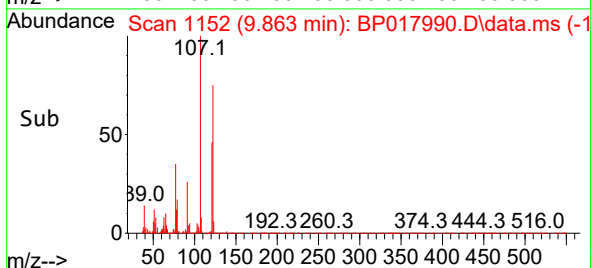
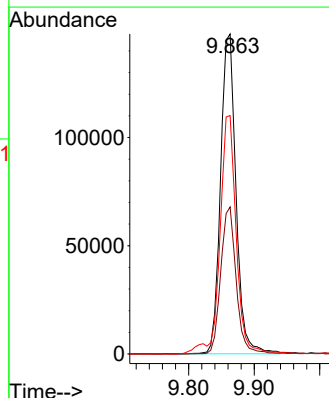
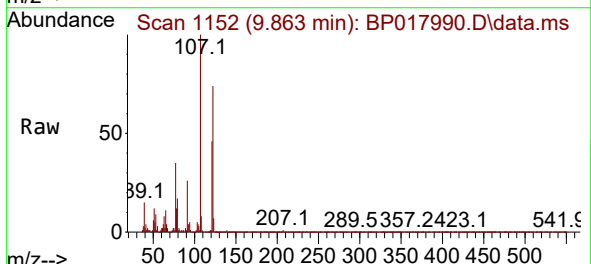
Instrument :
BNA_P
ClientSampleId :
SSTD040613

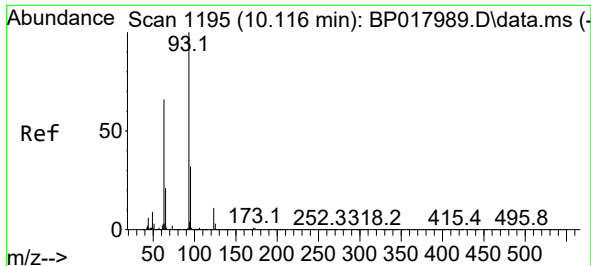
Tgt Ion:139 Resp: 114704
Ion Ratio Lower Upper
139 100
65 61.9 51.6 77.4
109 40.9 33.3 49.9



#26
2,4-Dimethylphenol
Concen: 43.023 ng/ul
RT: 9.863 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:107 Resp: 241132
Ion Ratio Lower Upper
107 100
121 46.0 37.8 56.6
122 74.5 62.2 93.2





#27

Bis(2-Chloroethoxy)methane

Concen: 41.521 ng/ul

RT: 10.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

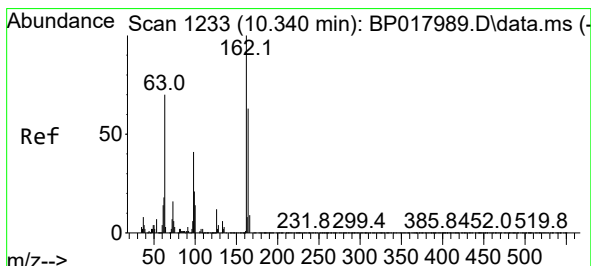
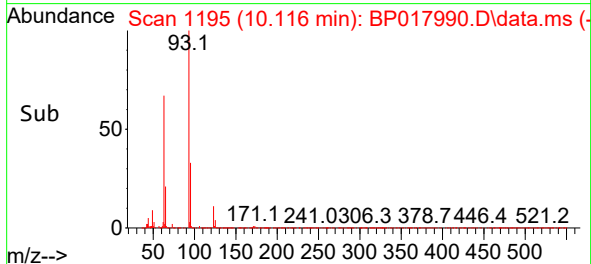
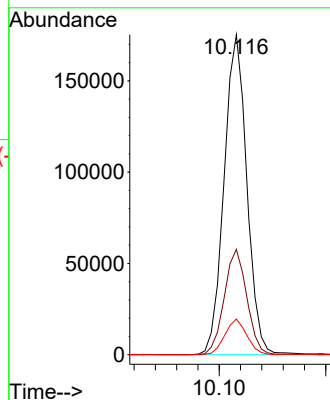
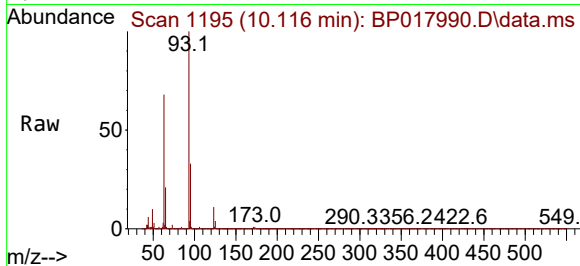
Tgt Ion: 93 Resp: 258723

Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.2

123 11.2 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 43.165 ng/ul

RT: 10.340 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

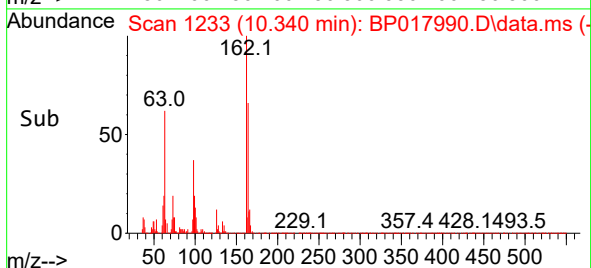
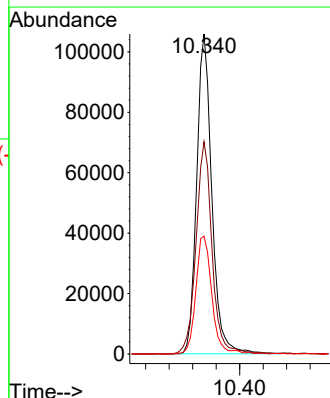
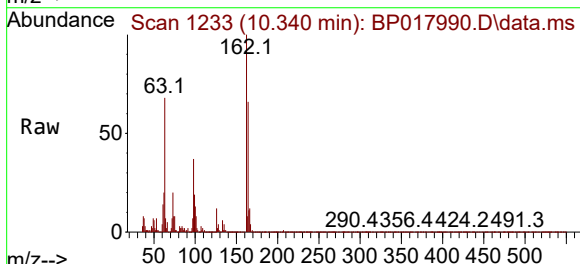
Tgt Ion:162 Resp: 189065

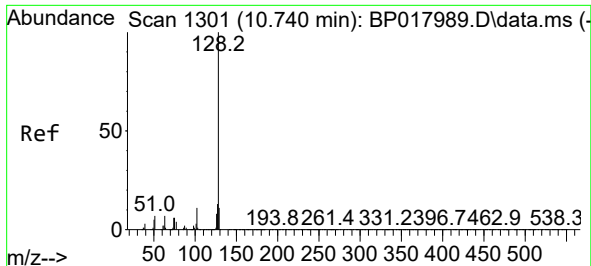
Ion Ratio Lower Upper

162 100

164 66.3 51.0 76.6

98 36.8 32.6 48.8

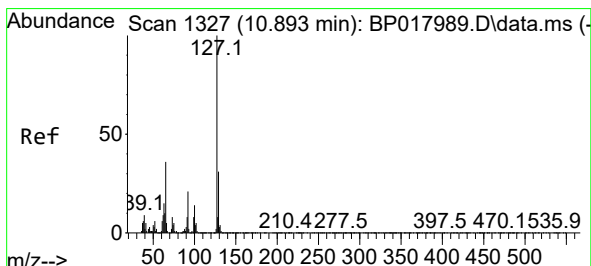
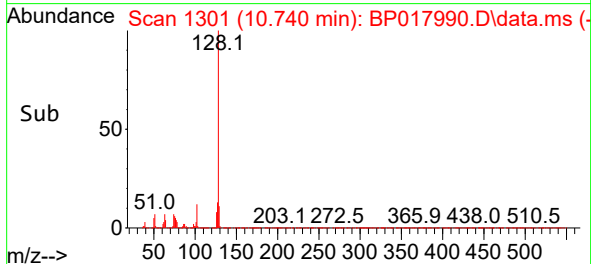
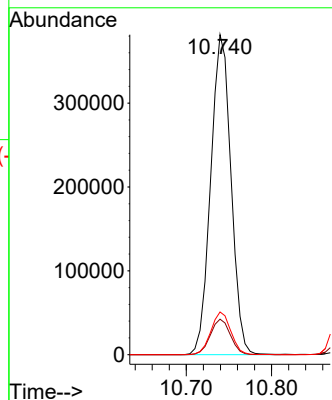
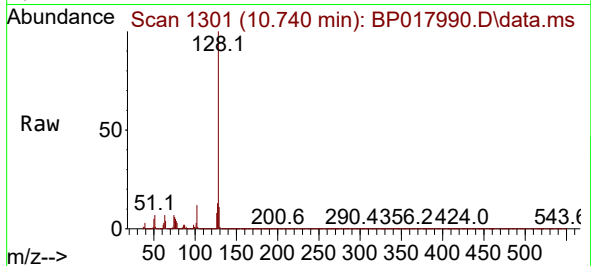




#30
Naphthalene
Concen: 40.721 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

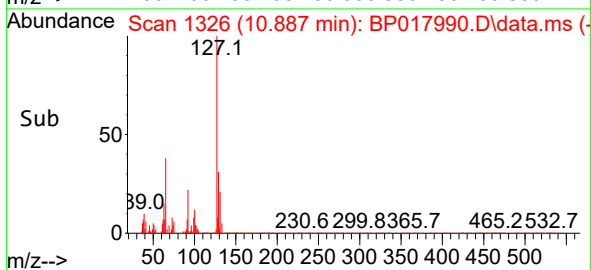
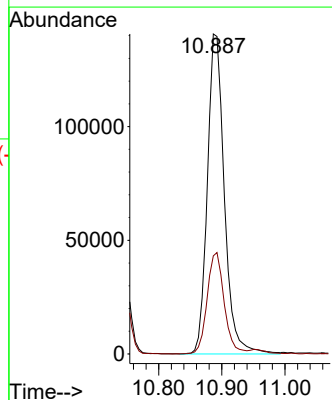
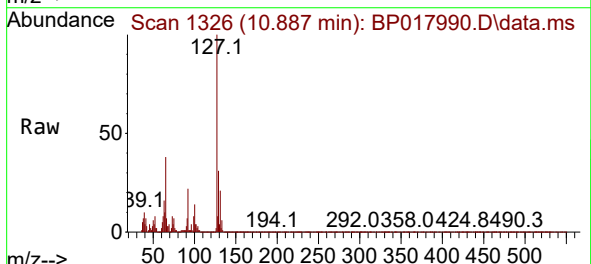
Instrument :
BNA_P
ClientSampleId :
SSTD040613

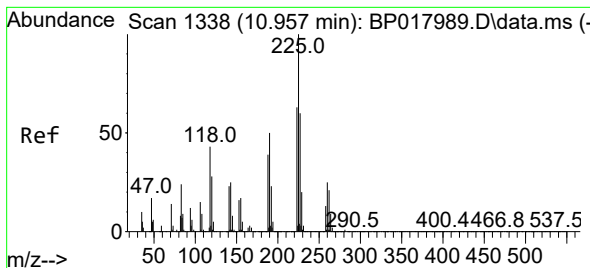
Tgt Ion:128 Resp: 631688
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 43.859 ng/ul
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:127 Resp: 262658
Ion Ratio Lower Upper
127 100
129 30.6 24.8 37.2





#33

Hexachlorobutadiene

Concen: 40.115 ng/ul

RT: 10.957 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

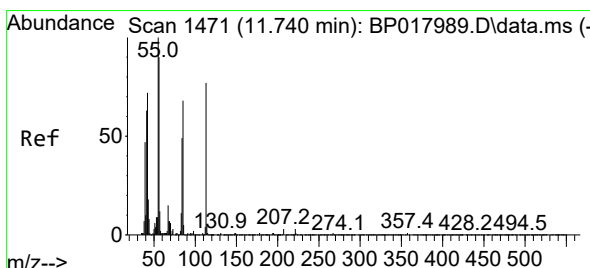
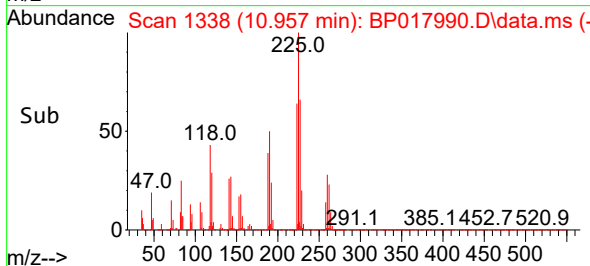
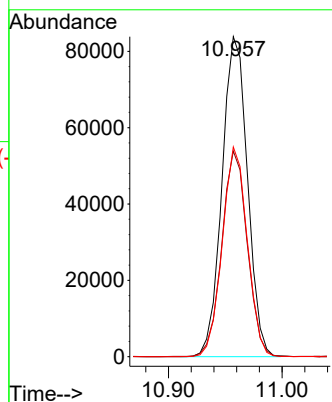
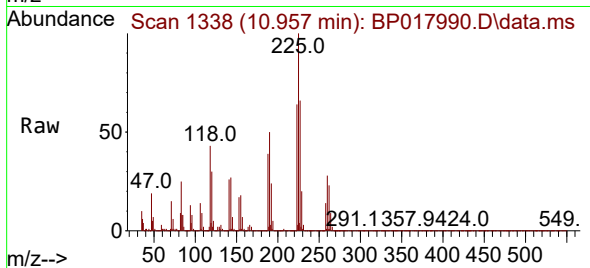
Tgt Ion:225 Resp: 130541

Ion Ratio Lower Upper

225 100

223 64.3 50.6 75.8

227 65.5 47.9 71.9



#34

Caprolactam

Concen: 20.843 ng/ul

RT: 11.728 min Scan# 1469

Delta R.T. -0.012 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

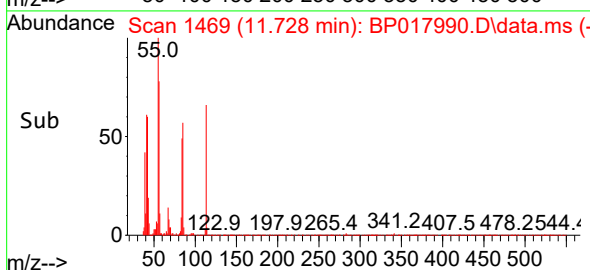
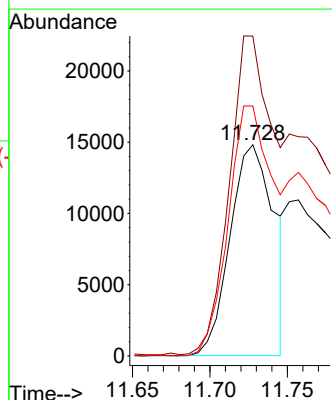
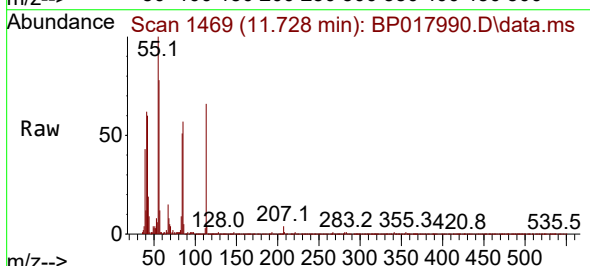
Tgt Ion:113 Resp: 29134

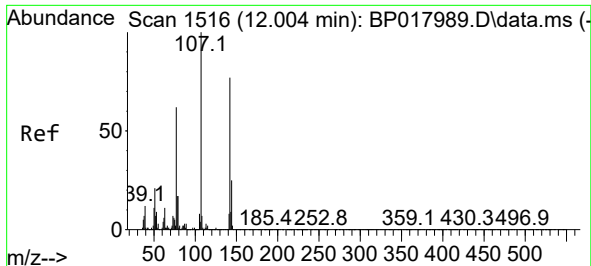
Ion Ratio Lower Upper

113 100

55 151.5 105.3 157.9

56 118.3 94.2 141.2

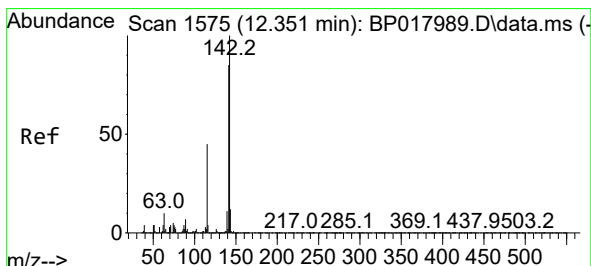
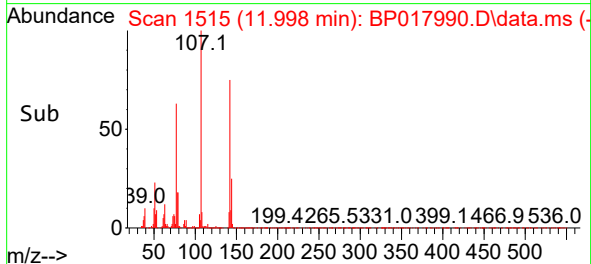
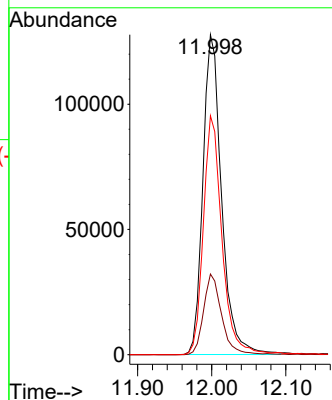
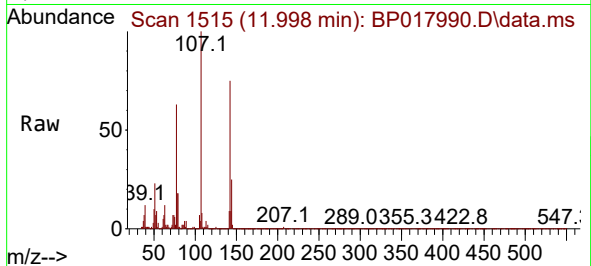




#35
4-Chloro-3-methylphenol
Concen: 43.007 ng/ul
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

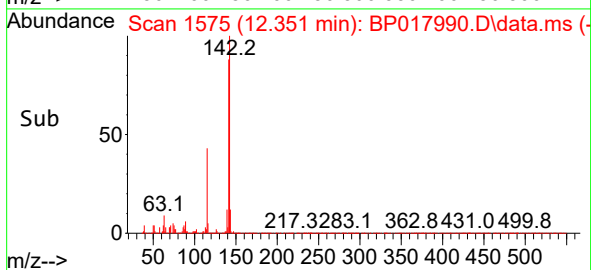
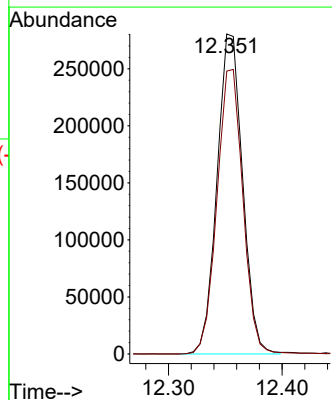
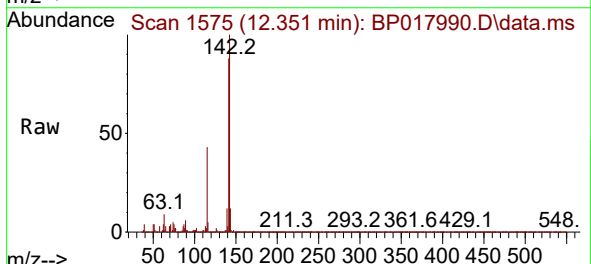
Instrument :
BNA_P
ClientSampleId :
SSTD040613

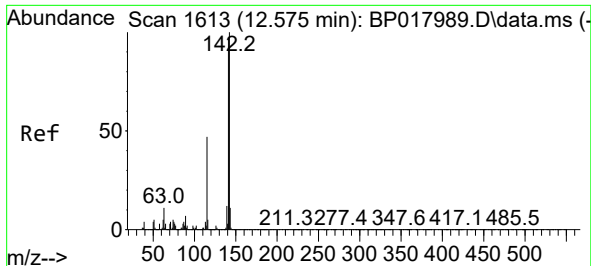
Tgt Ion:107 Resp: 224296
Ion Ratio Lower Upper
107 100
144 25.2 20.0 30.0
142 74.6 61.3 91.9



#36
2-Methylnaphthalene
Concen: 41.387 ng/ul
RT: 12.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:142 Resp: 438829
Ion Ratio Lower Upper
142 100
141 88.4 68.0 102.0





#37

1-Methylnaphthalene

Concen: 41.275 ng/ul

RT: 12.575 min Scan# 1613

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

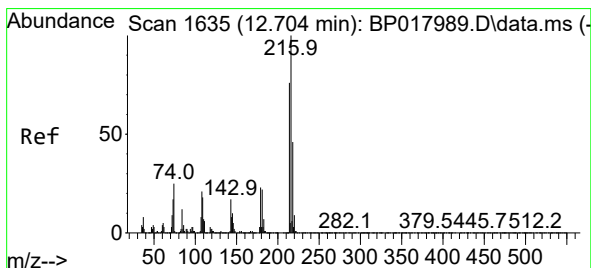
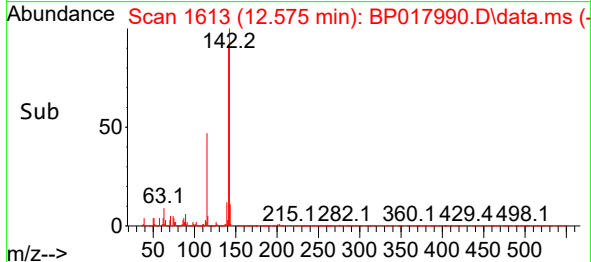
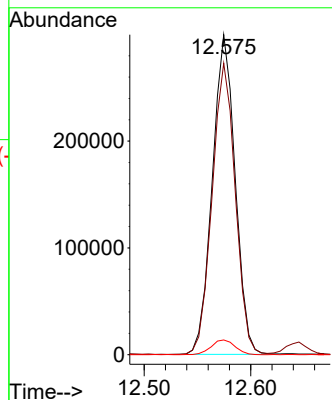
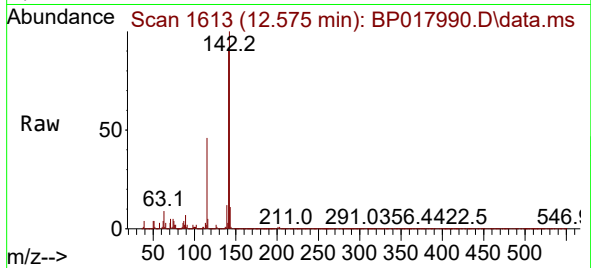
Tgt Ion:142 Resp: 445840

Ion Ratio Lower Upper

142 100

141 91.1 77.9 116.9

116 4.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.658 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Tgt Ion:216 Resp: 232095

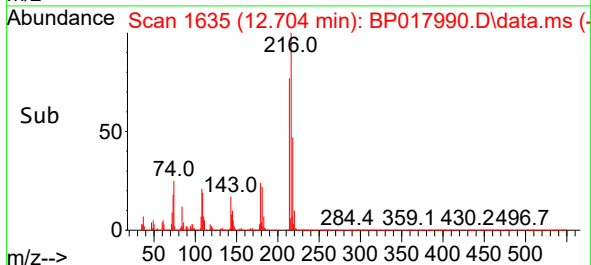
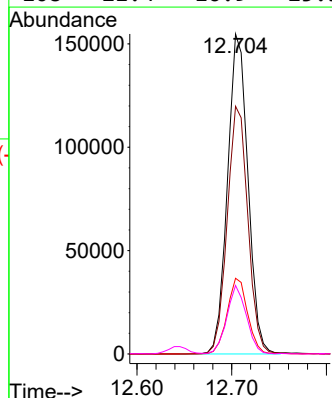
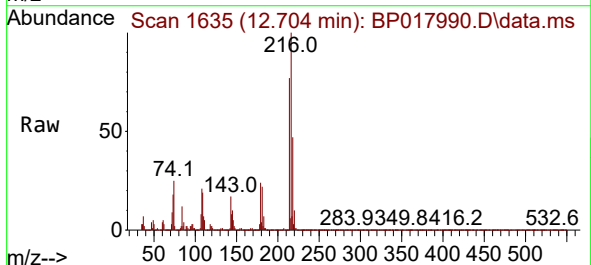
Ion Ratio Lower Upper

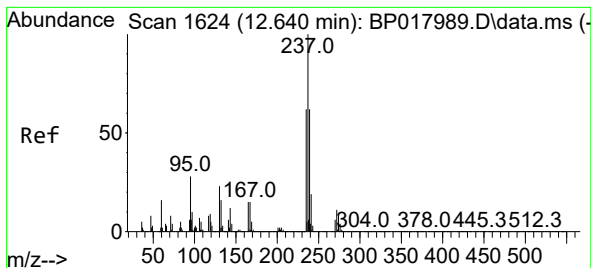
216 100

214 77.4 61.2 91.8

179 23.6 18.6 28.0

108 21.4 16.9 25.3





#40

Hexachlorocyclopentadiene

Concen: 41.834 ng/ul

RT: 12.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

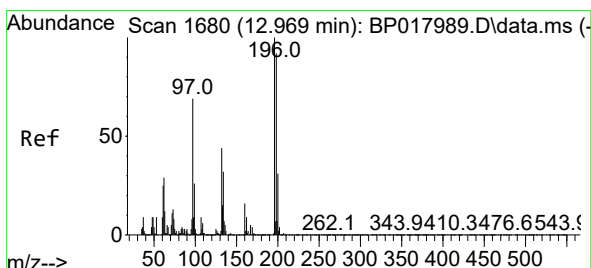
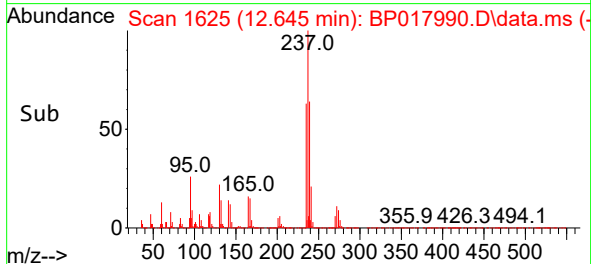
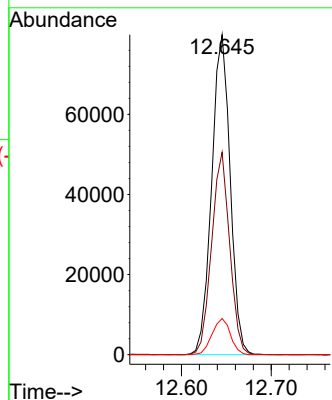
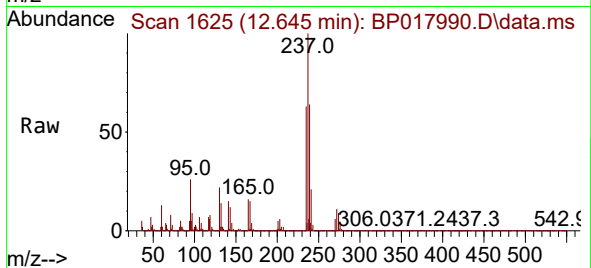
Tgt Ion:237 Resp: 114173

Ion Ratio Lower Upper

237 100

235 63.2 49.4 74.2

272 11.3 8.4 12.6



#41

2,4,6-Trichlorophenol

Concen: 43.169 ng/ul

RT: 12.969 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

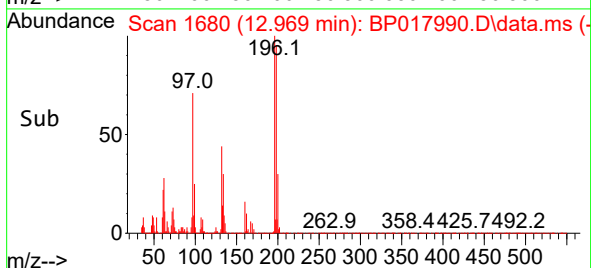
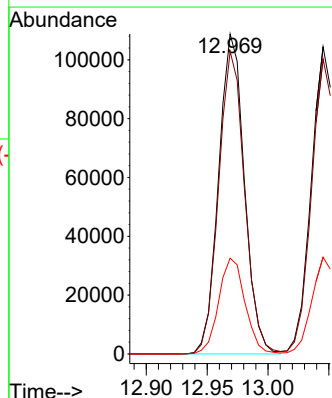
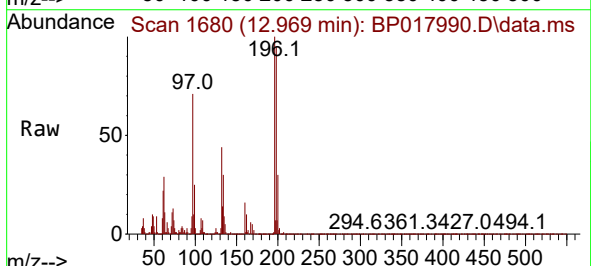
Tgt Ion:196 Resp: 160223

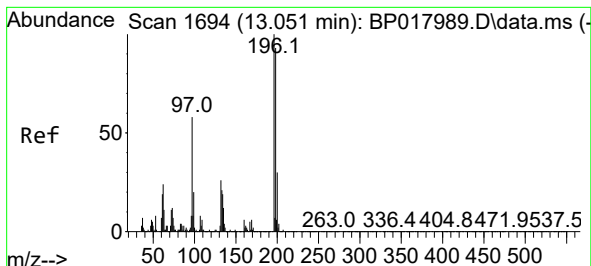
Ion Ratio Lower Upper

196 100

198 94.6 73.5 110.3

200 30.0 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 43.573 ng/ul

RT: 13.045 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

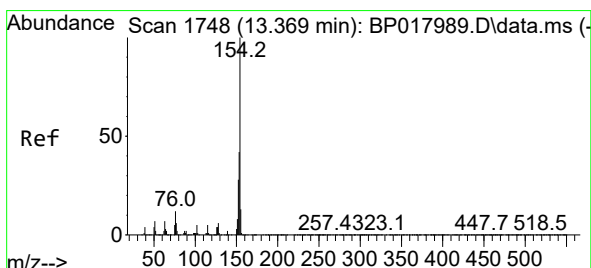
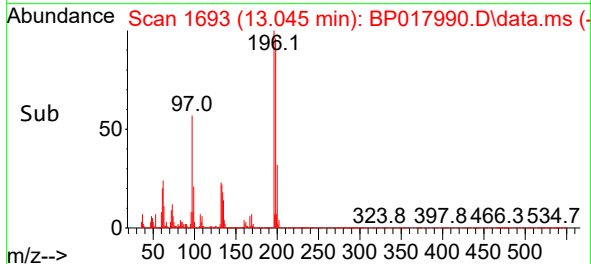
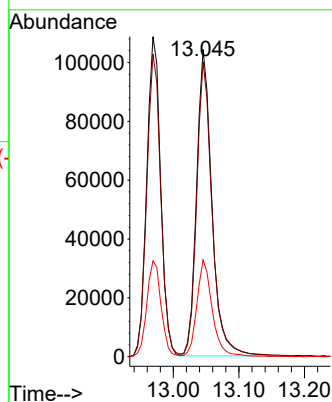
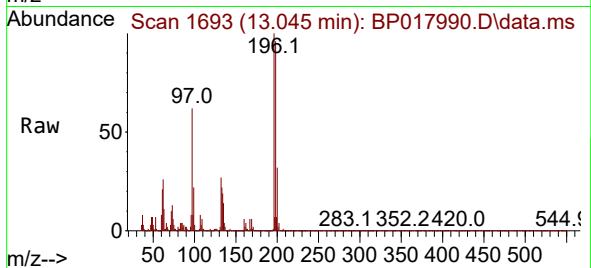
Tgt Ion:196 Resp: 170717

Ion Ratio Lower Upper

196 100

198 96.0 74.4 111.6

200 31.5 23.8 35.8



#43

1,1'-Biphenyl

Concen: 40.988 ng/ul

RT: 13.375 min Scan# 1749

Delta R.T. 0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

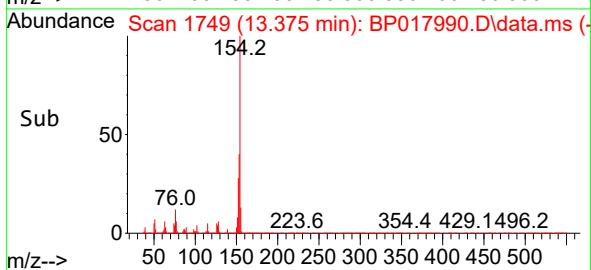
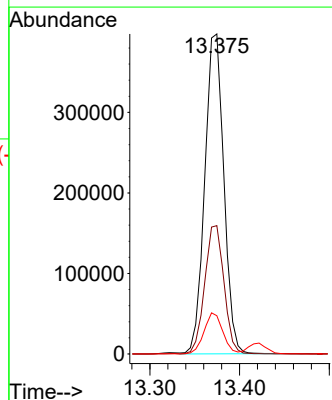
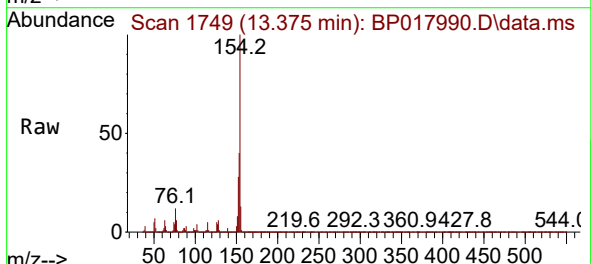
Tgt Ion:154 Resp: 586738

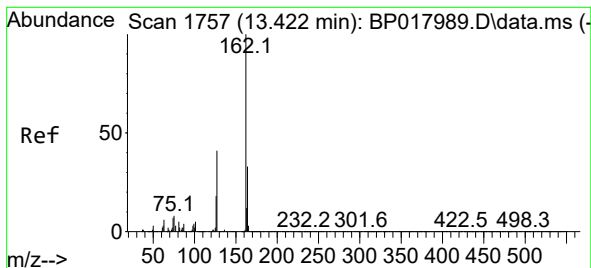
Ion Ratio Lower Upper

154 100

153 40.1 33.4 50.2

76 11.9 9.8 14.8

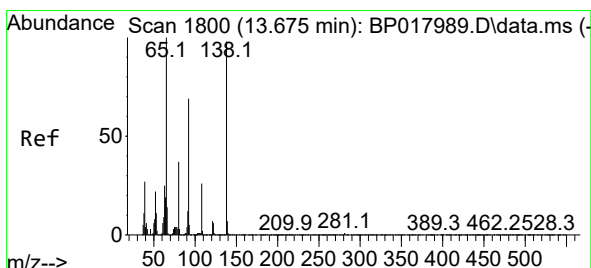
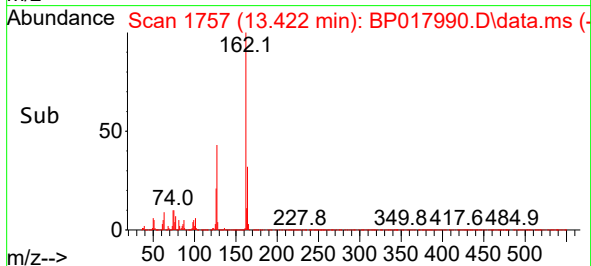
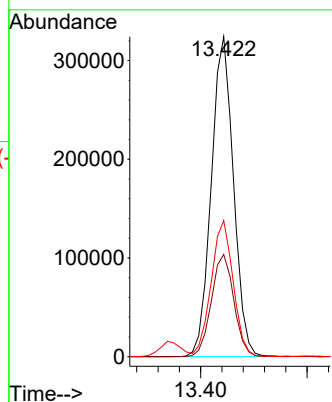
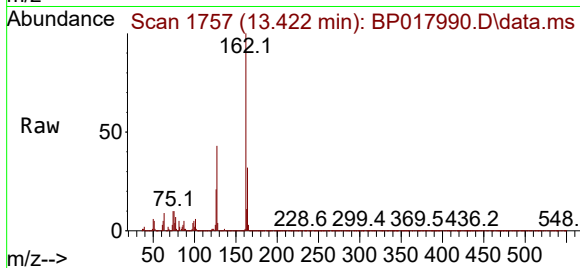




#44
2-Chloronaphthalene
Concen: 41.334 ng/ul
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

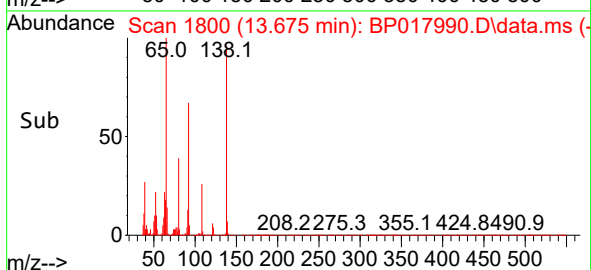
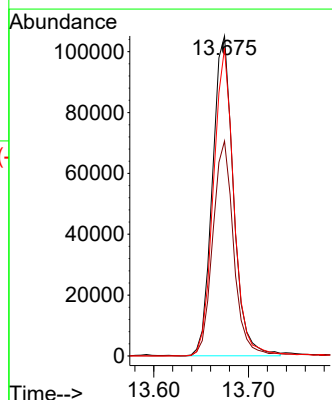
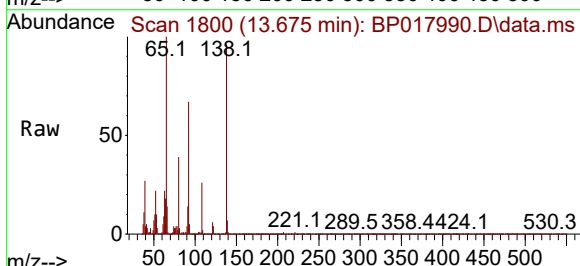
Instrument :
BNA_P
ClientSampleId :
SSTD040613

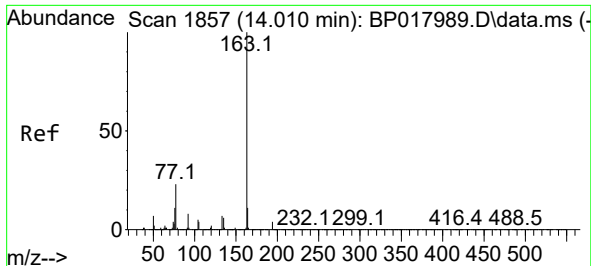
Tgt Ion:162 Resp: 468062
Ion Ratio Lower Upper
162 100
164 31.9 26.2 39.4
127 42.5 34.7 52.1



#45
2-Nitroaniline
Concen: 45.223 ng/ul
RT: 13.675 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion: 65 Resp: 162002
Ion Ratio Lower Upper
65 100
92 67.2 55.0 82.6
138 96.2 78.9 118.3

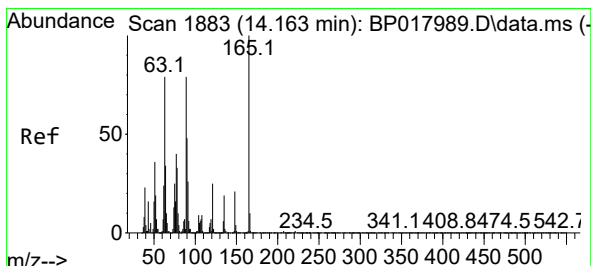
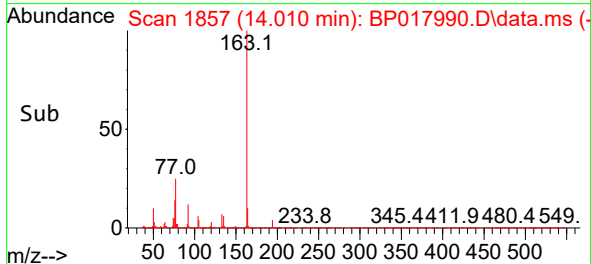
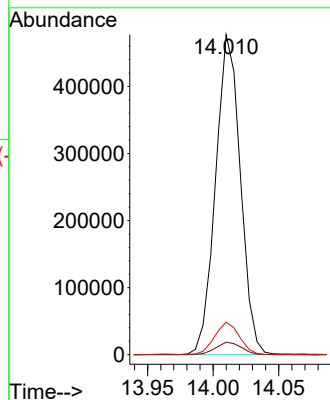
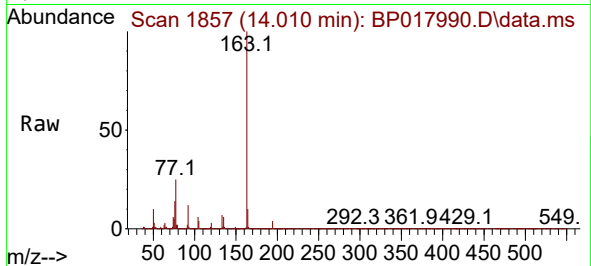




#47
Dimethylphthalate
Concen: 40.126 ng/ul
RT: 14.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

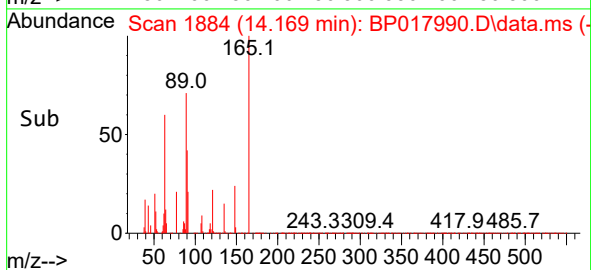
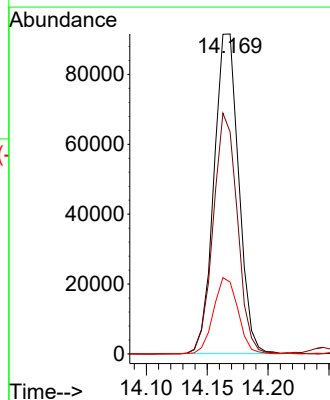
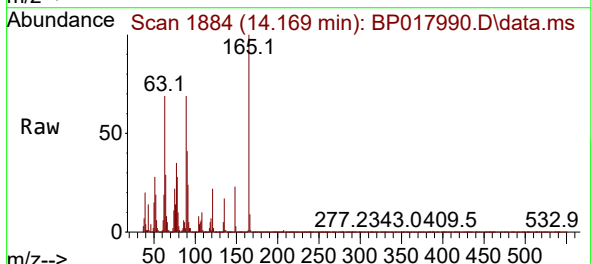
Instrument :
BNA_P
ClientSampleId :
SSTD040613

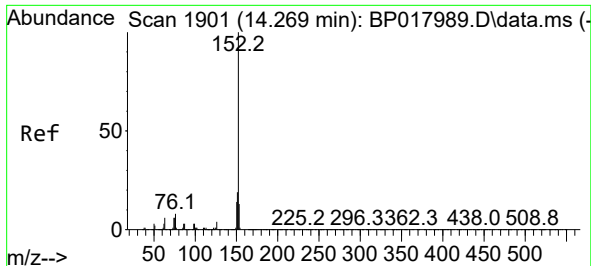
Tgt Ion:163 Resp: 626463
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 44.132 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:165 Resp: 129378
Ion Ratio Lower Upper
165 100
89 69.3 63.2 94.8
121 22.5 19.9 29.9

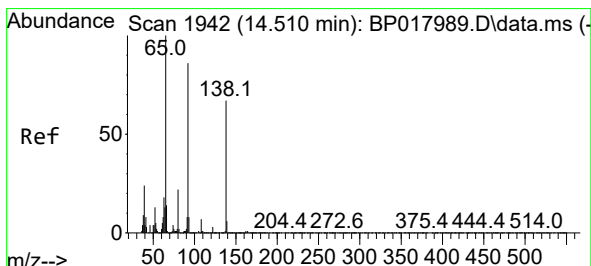
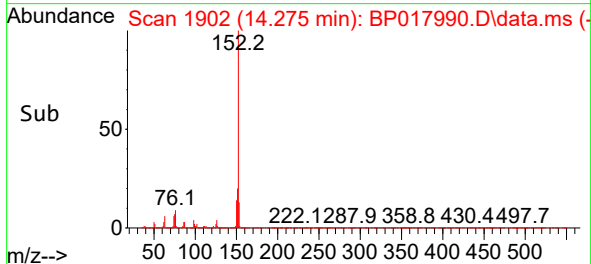
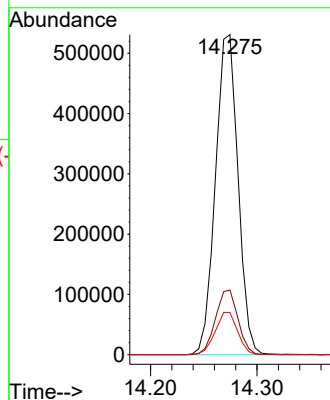
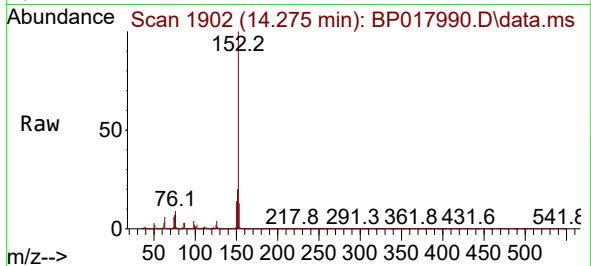




#50
Acenaphthylene
Concen: 41.123 ng/ul
RT: 14.275 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

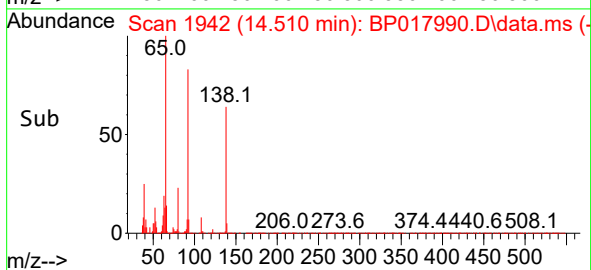
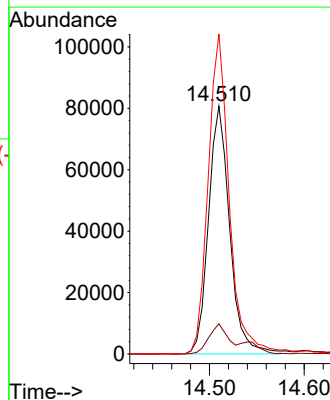
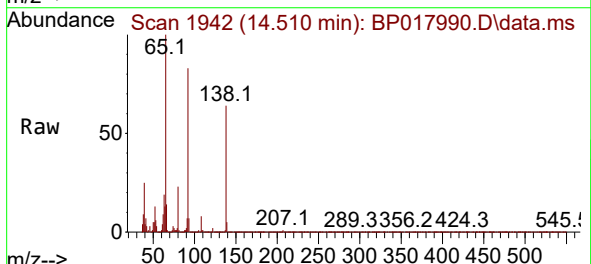
Instrument :
BNA_P
ClientSampleId :
SSTD040613

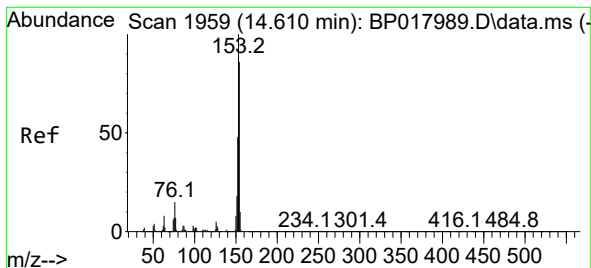
Tgt Ion:152 Resp: 781372
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 13.2 10.3 15.5



#51
3-Nitroaniline
Concen: 45.986 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:138 Resp: 125406
Ion Ratio Lower Upper
138 100
108 12.2 8.6 13.0
92 129.2 103.5 155.3





#52

Acenaphthene

Concen: 41.037 ng/ul

RT: 14.610 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

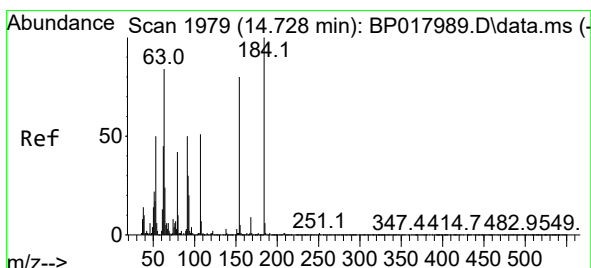
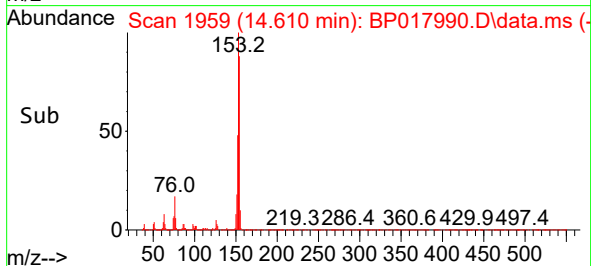
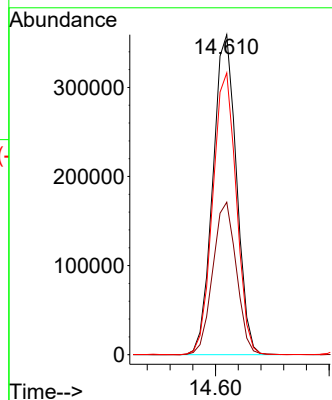
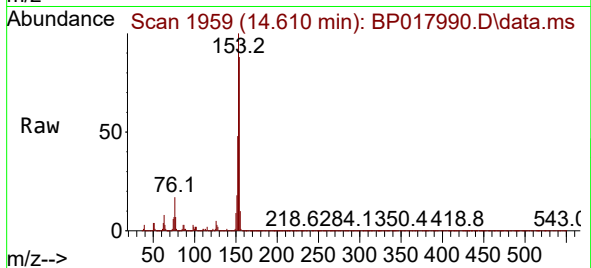
Tgt Ion:153 Resp: 518131

Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.2

154 88.1 68.8 103.2



#53

2,4-Dinitrophenol

Concen: 42.917 ng/ul

RT: 14.722 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

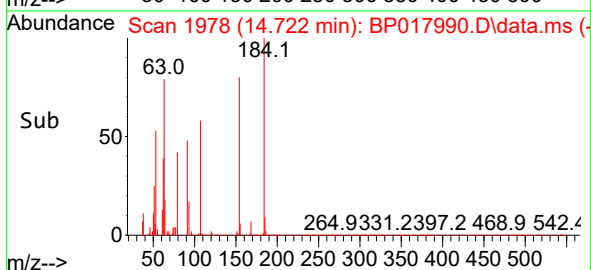
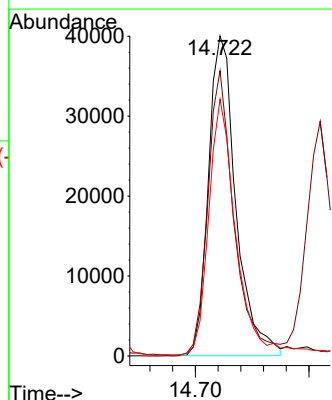
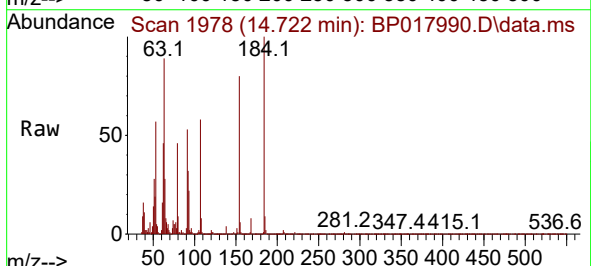
Tgt Ion:184 Resp: 67228

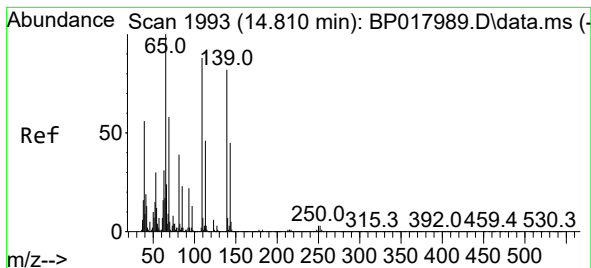
Ion Ratio Lower Upper

184 100

63 89.1 68.0 102.0

154 80.3 64.7 97.1

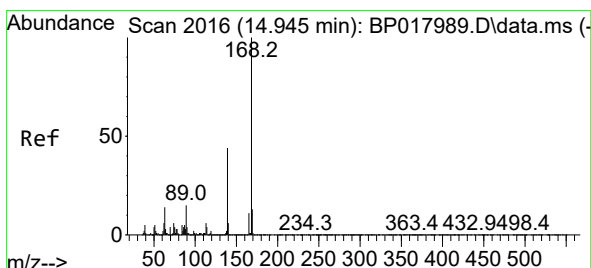
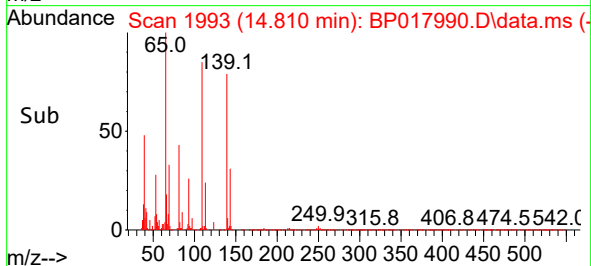
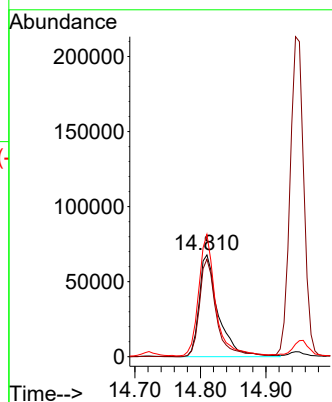
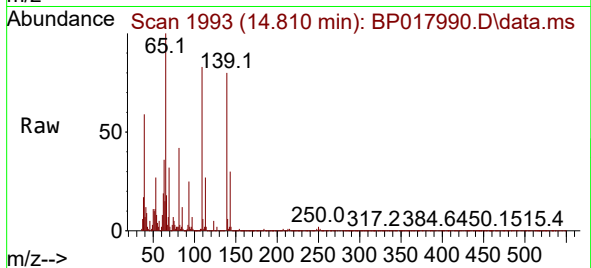




#55
4-Nitrophenol
Concen: 44.710 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

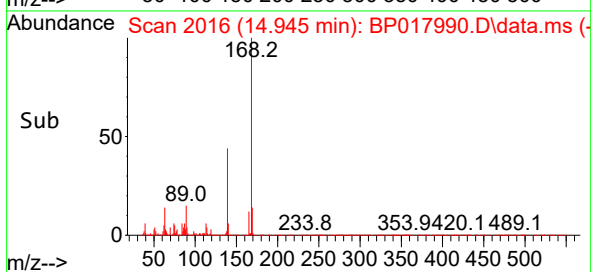
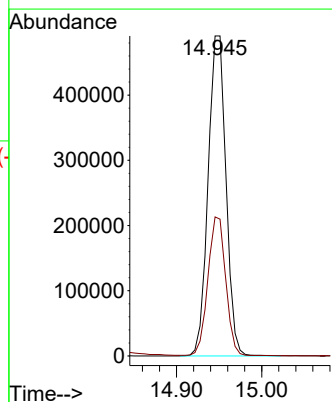
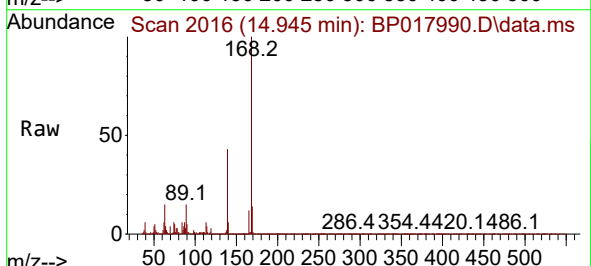
Instrument :
BNA_P
ClientSampleId :
SSTD040613

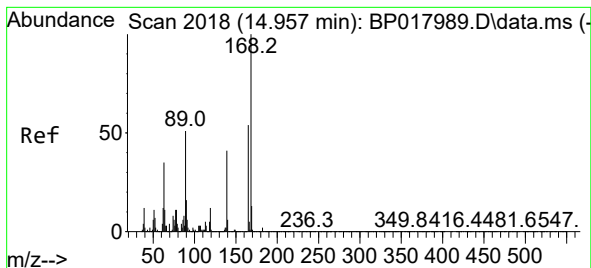
Tgt Ion:109 Resp: 137288
Ion Ratio Lower Upper
109 100
139 95.8 74.8 112.2
65 120.2 92.6 138.8



#56
Dibenzofuran
Concen: 41.021 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:168 Resp: 714927
Ion Ratio Lower Upper
168 100
139 43.4 35.1 52.7

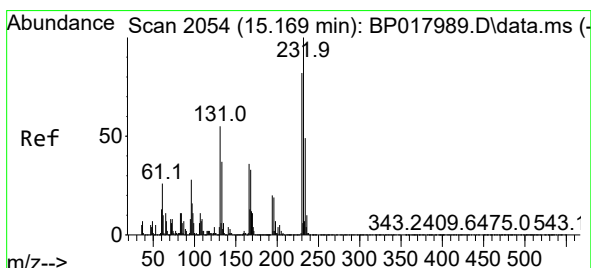
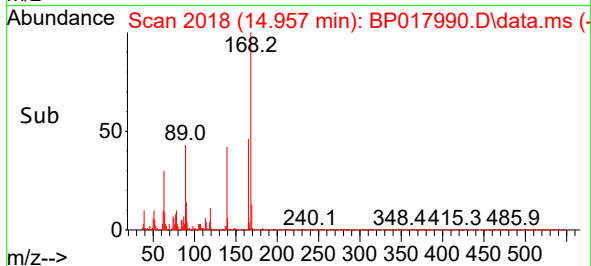
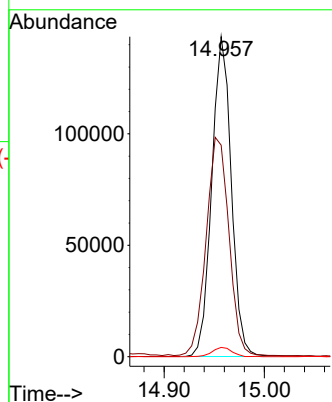
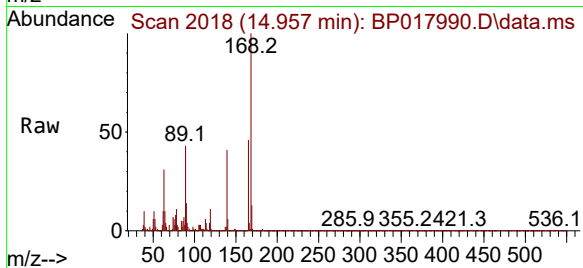




#57
2,4-Dinitrotoluene
Concen: 43.303 ng/ul
RT: 14.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

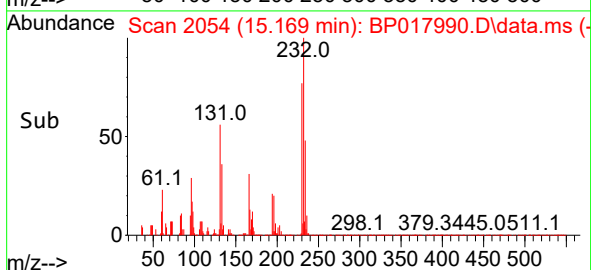
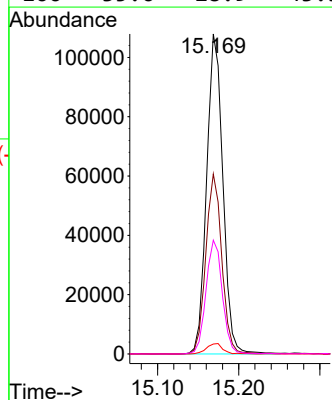
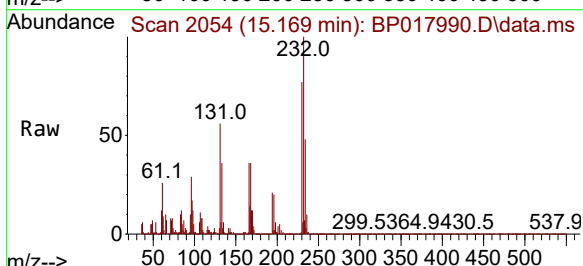
Instrument :
BNA_P
ClientSampleId :
SSTD040613

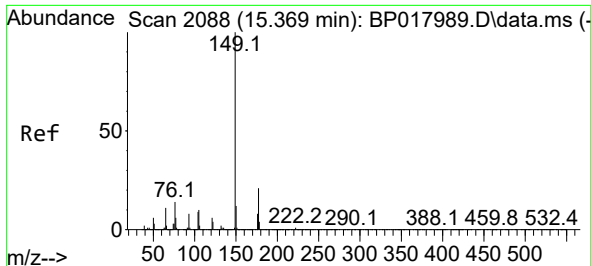
Tgt Ion:165 Resp: 194169
Ion Ratio Lower Upper
165 100
63 66.1 53.2 79.8
182 2.9 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.969 ng/ul
RT: 15.169 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:232 Resp: 149286
Ion Ratio Lower Upper
232 100
131 56.2 44.1 66.1
130 3.1 2.9 4.3
166 35.6 28.9 43.3

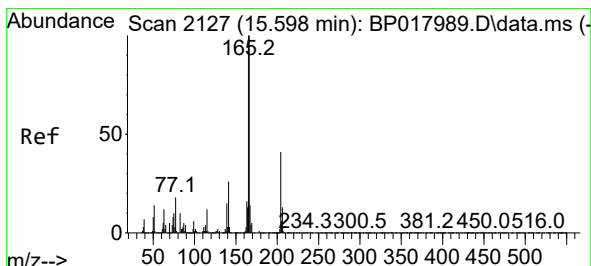
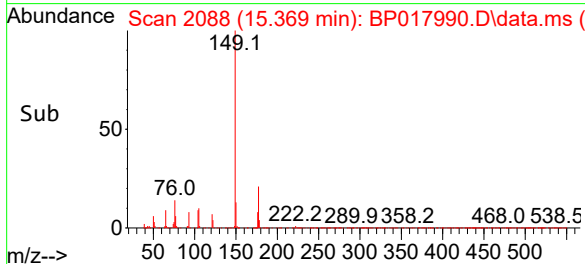
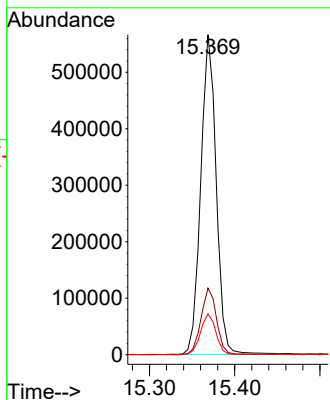
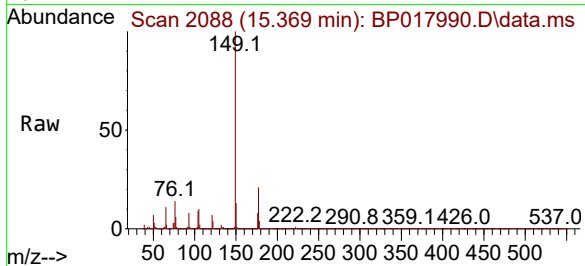




#59
Diethylphthalate
Concen: 28.292 ng/ul
RT: 15.369 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

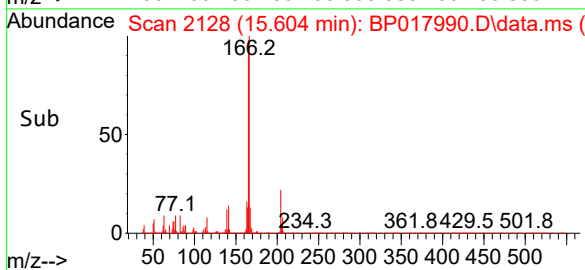
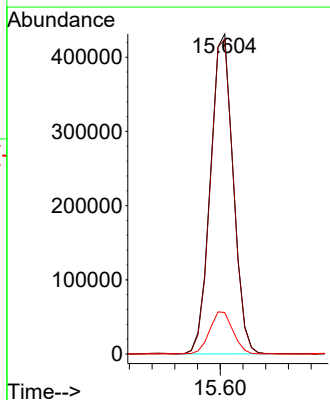
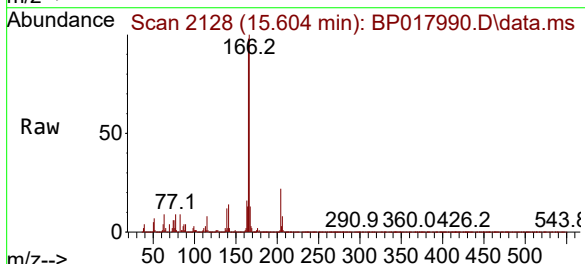
Instrument :
BNA_P
ClientSampleId :
SSTD040613

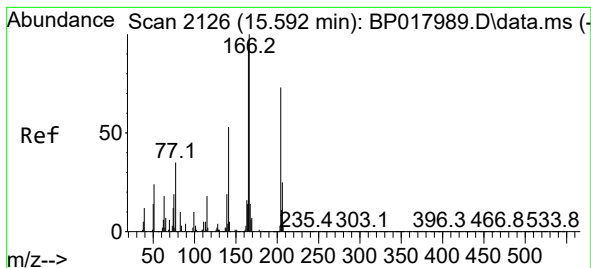
Tgt Ion:149 Resp: 710858
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.8 9.9 14.9



#61
Fluorene
Concen: 40.868 ng/ul
RT: 15.604 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:166 Resp: 600711
Ion Ratio Lower Upper
166 100
165 98.3 80.2 120.2
167 13.0 11.0 16.4

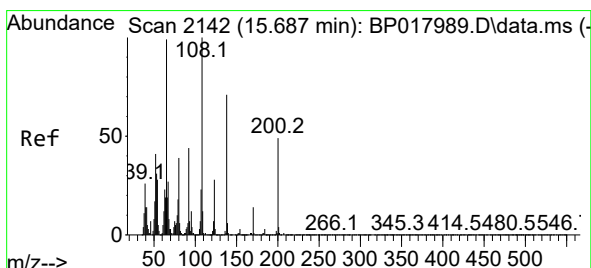
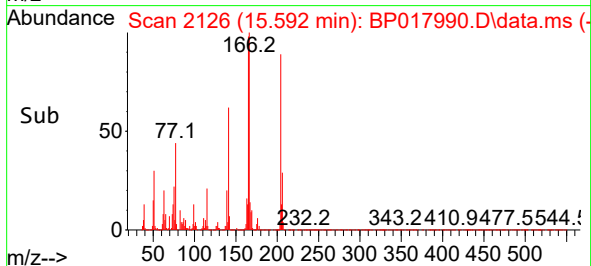
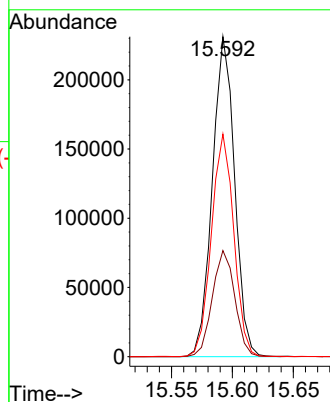
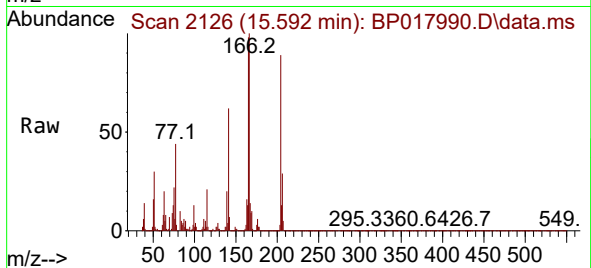




#62
4-Chlorophenyl-phenylether
Concen: 40.712 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

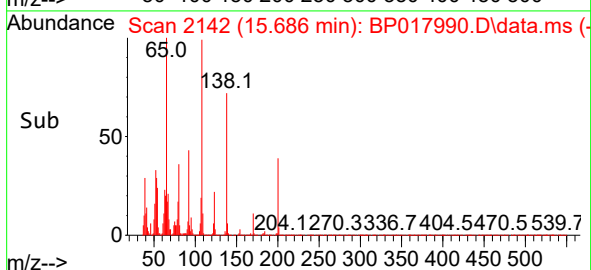
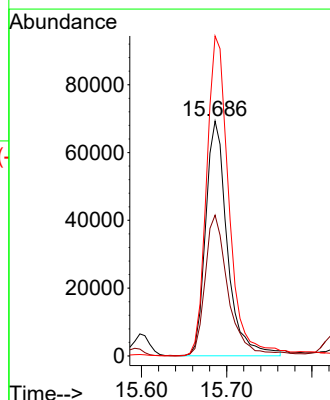
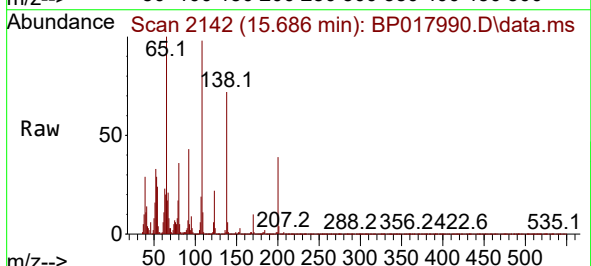
Instrument :
BNA_P
ClientSampleId :
SSTD040613

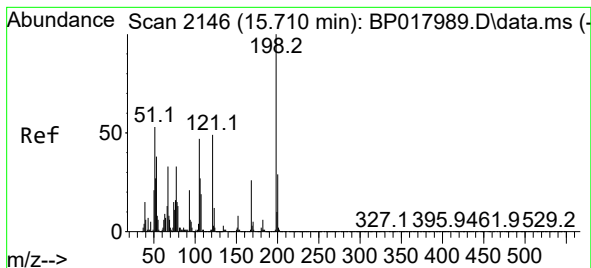
Tgt Ion:204 Resp: 293752
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.8
141 69.6 58.4 87.6



#63
4-Nitroaniline
Concen: 47.408 ng/ul
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:138 Resp: 122383
Ion Ratio Lower Upper
138 100
92 60.0 49.4 74.0
108 136.2 112.2 168.4

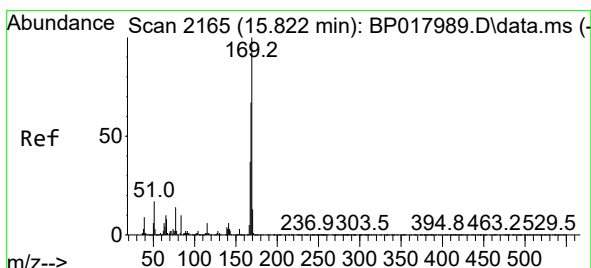
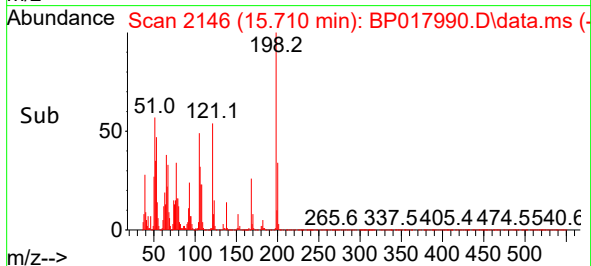
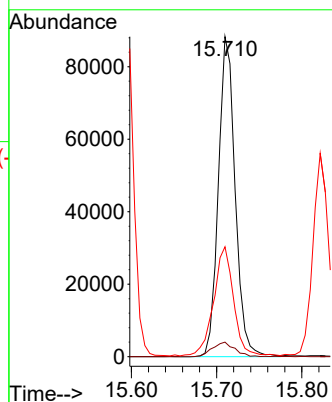
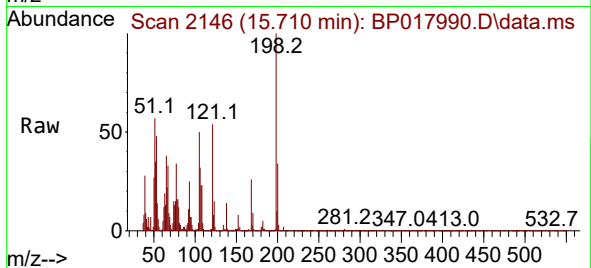




#66
 4,6-Dinitro-2-methylphenol
 Concen: 43.311 ng/ul
 RT: 15.710 min Scan# 2146
 Delta R.T. -0.000 min
 Lab File: BP017990.D
 Acq: 09 Nov 2023 16:09

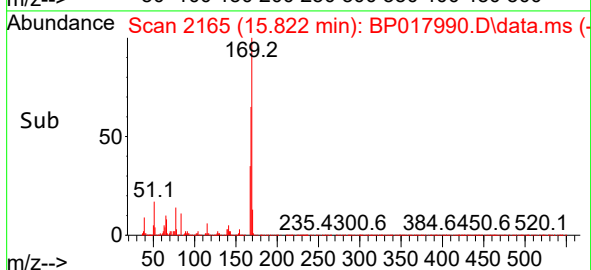
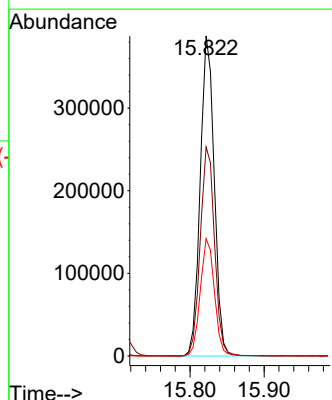
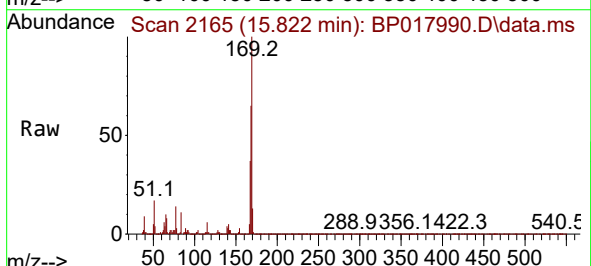
Instrument :
 BNA_P
 ClientSampleId :
 SST040613

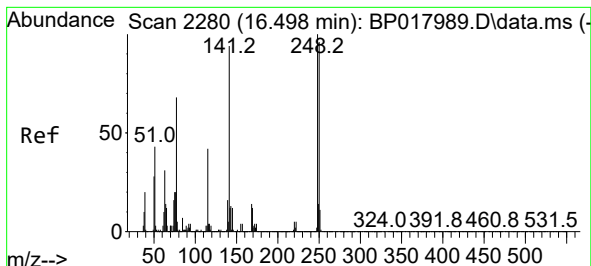
Tgt Ion:198 Resp: 121100
 Ion Ratio Lower Upper
 198 100
 182 4.5 4.6 7.0#
 77 34.4 27.8 41.6



#67
 N-Nitrosodiphenylamine
 Concen: 41.486 ng/ul
 RT: 15.822 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: BP017990.D
 Acq: 09 Nov 2023 16:09

Tgt Ion:169 Resp: 507873
 Ion Ratio Lower Upper
 169 100
 168 65.3 53.9 80.9
 167 36.6 29.4 44.0

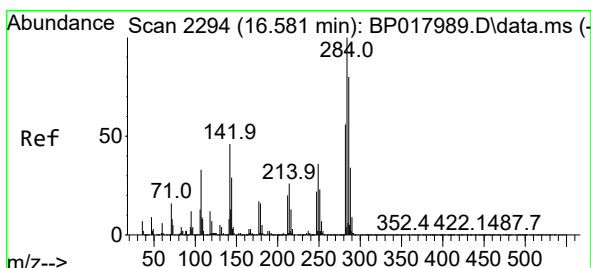
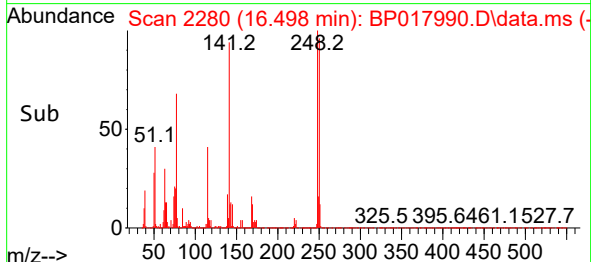
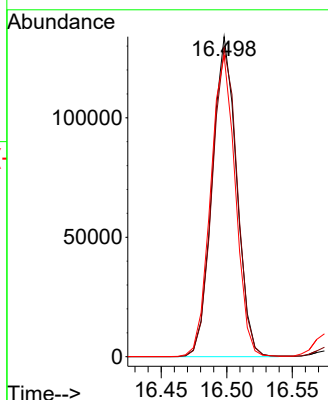
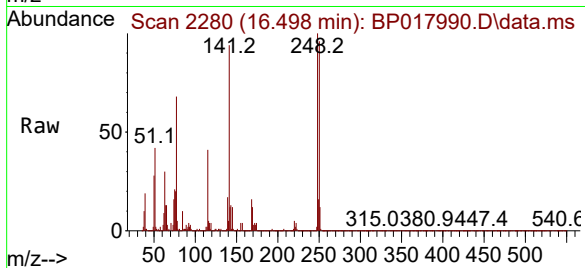




#68
4-Bromophenyl-phenylether
Concen: 41.551 ng/ul
RT: 16.498 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

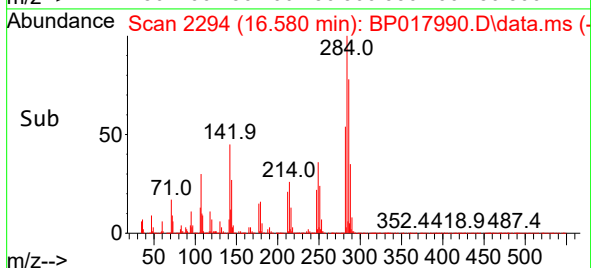
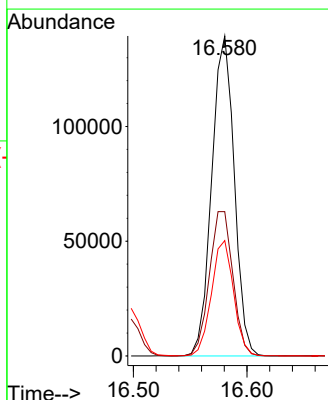
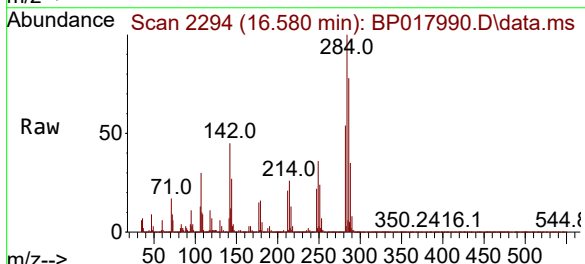
Instrument :
BNA_P
ClientSampleId :
SSTD040613

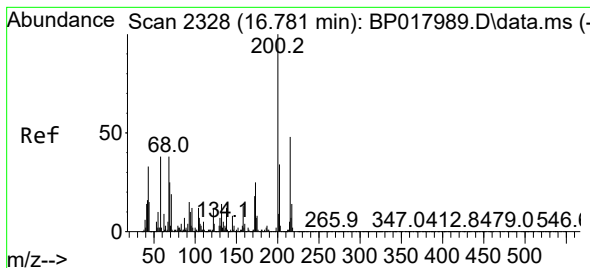
Tgt Ion:248 Resp: 173408
Ion Ratio Lower Upper
248 100
250 96.4 77.2 115.8
141 94.1 75.6 113.4



#69
Hexachlorobenzene
Concen: 40.599 ng/ul
RT: 16.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BP017990.D
Acq: 09 Nov 2023 16:09

Tgt Ion:284 Resp: 192075
Ion Ratio Lower Upper
284 100
142 45.1 36.6 55.0
249 36.0 28.6 43.0





#70

Atrazine

Concen: 43.725 ng/ul

RT: 16.786 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

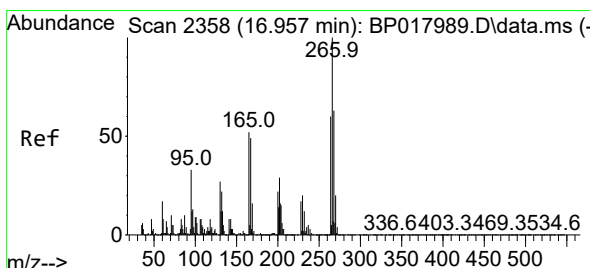
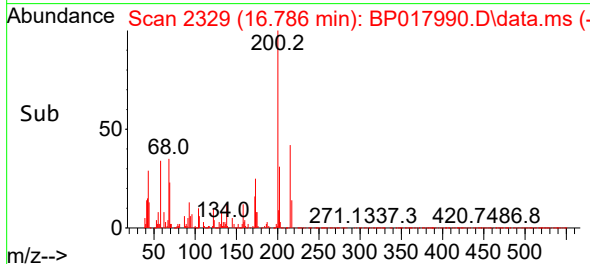
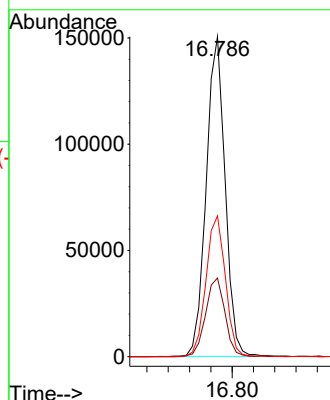
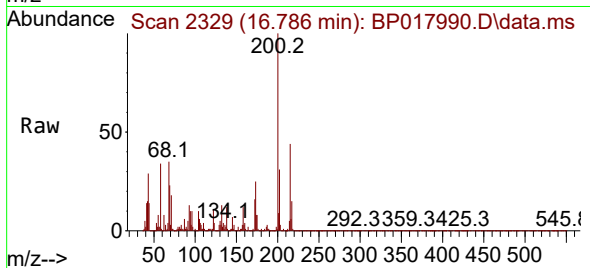
Tgt Ion:200 Resp: 185237

Ion Ratio Lower Upper

200 100

173 24.6 20.2 30.4

215 44.0 38.6 58.0



#71

Pentachlorophenol

Concen: 42.617 ng/ul

RT: 16.951 min Scan# 2357

Delta R.T. -0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

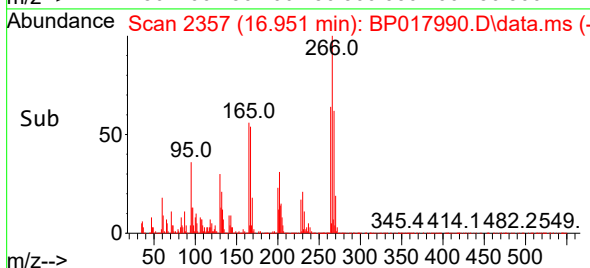
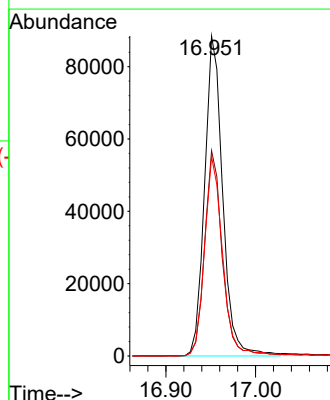
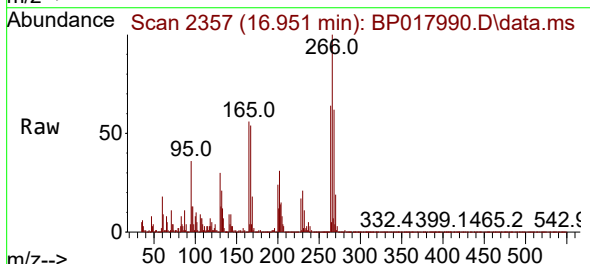
Tgt Ion:266 Resp: 123836

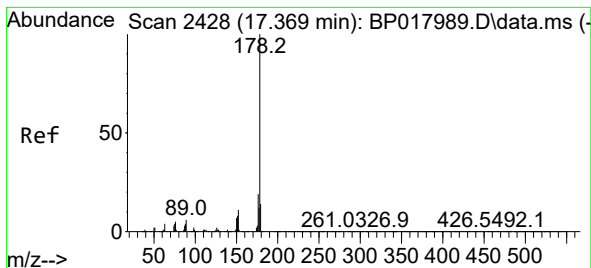
Ion Ratio Lower Upper

266 100

264 64.1 48.4 72.6

268 62.3 50.3 75.5





#72

Phenanthrene

Concen: 40.686 ng/ul

RT: 17.369 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

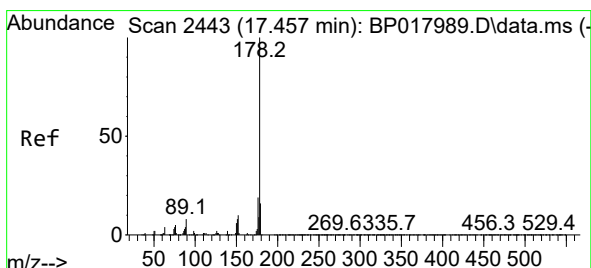
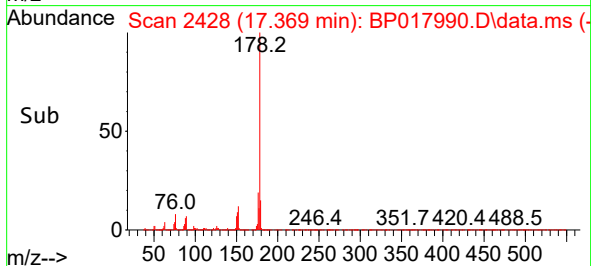
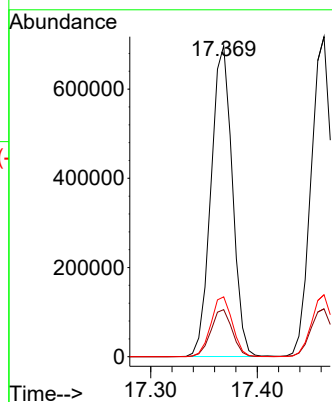
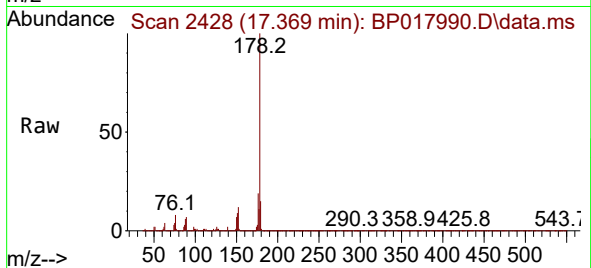
Tgt Ion:178 Resp: 968033

Ion Ratio Lower Upper

178 100

179 15.2 11.6 17.4

176 19.3 15.1 22.7



#74

Anthracene

Concen: 41.273 ng/ul

RT: 17.463 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

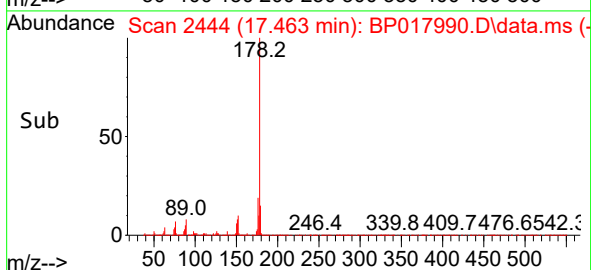
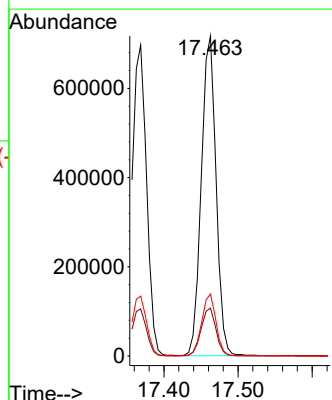
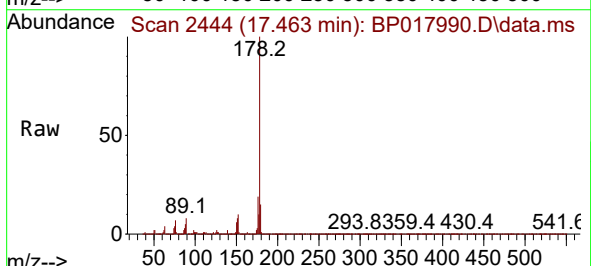
Tgt Ion:178 Resp: 992805

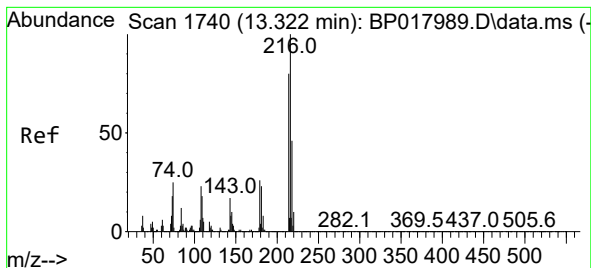
Ion Ratio Lower Upper

178 100

179 15.0 12.9 19.3

176 19.4 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 41.088 ng/uL

RT: 13.328 min Scan# 1740

Delta R.T. 0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

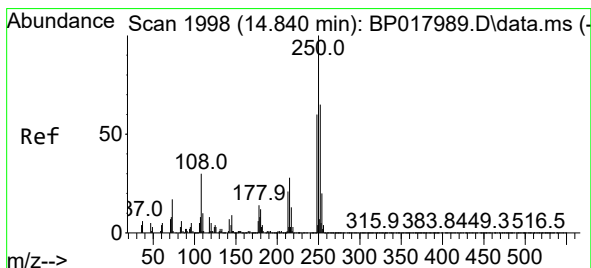
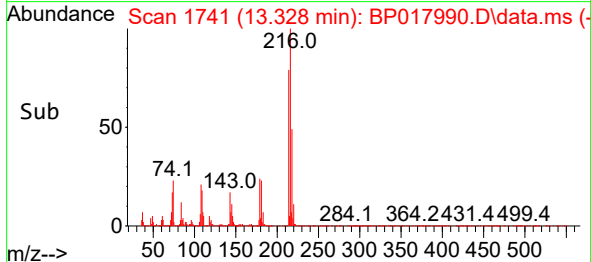
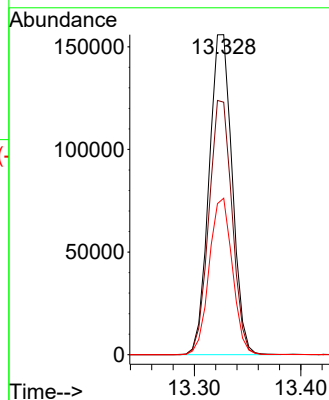
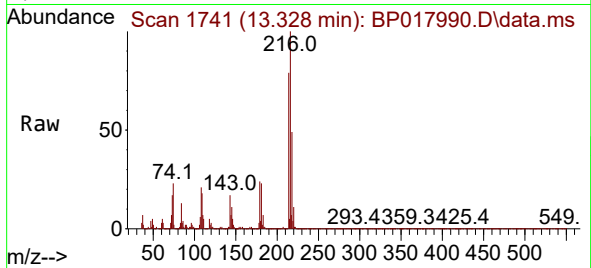
Tgt Ion:216 Resp: 235634

Ion Ratio Lower Upper

216 100

214 78.9 64.0 96.0

218 48.9 36.7 55.1



#76

Pentachlorobenzene

Concen: 40.624 ng/uL

RT: 14.839 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

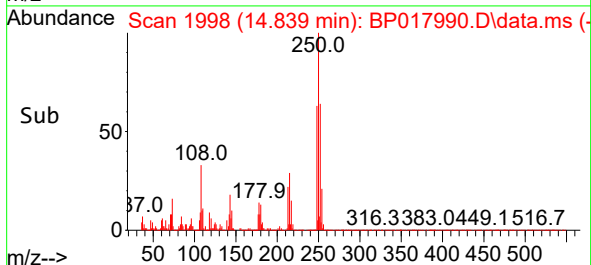
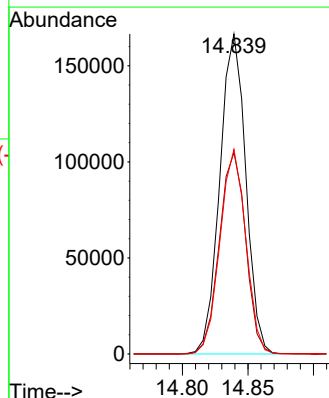
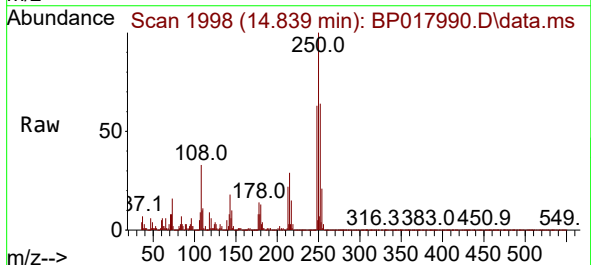
Tgt Ion:250 Resp: 228932

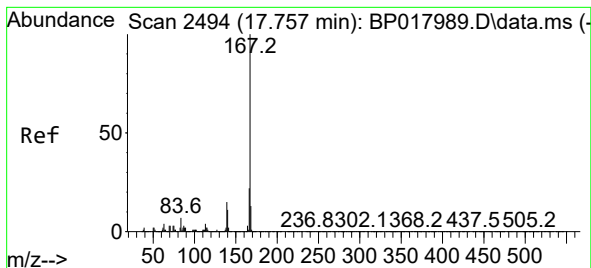
Ion Ratio Lower Upper

250 100

248 62.9 48.3 72.5

252 64.0 52.2 78.2





#77

Carbazole

Concen: 43.261 ng/ul

RT: 17.757 min Scan# 2494

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

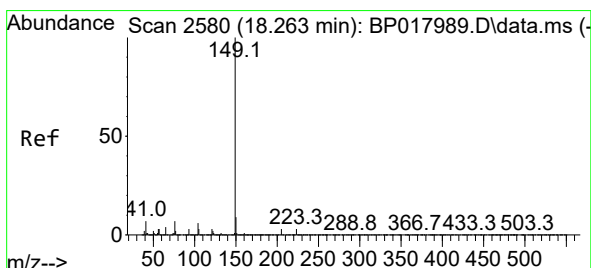
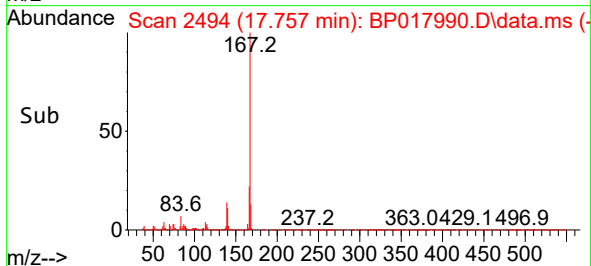
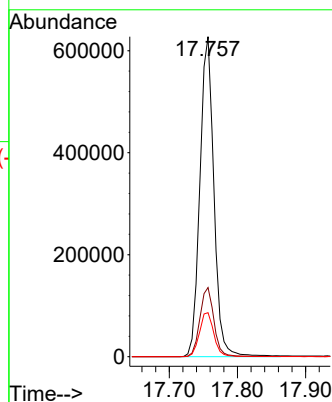
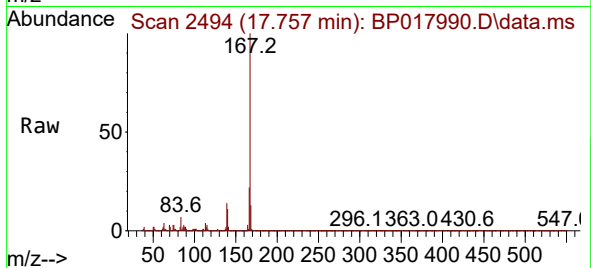
Tgt Ion:167 Resp: 898595

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.7 11.7 17.5



#78

Di-n-butylphthalate

Concen: 40.914 ng/ul

RT: 18.263 min Scan# 2580

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

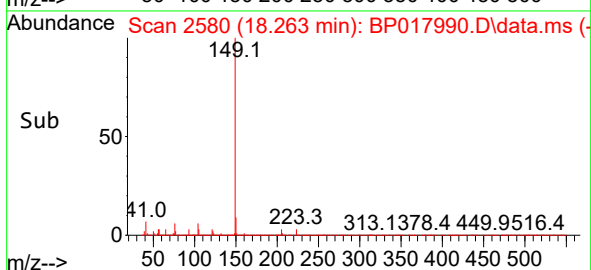
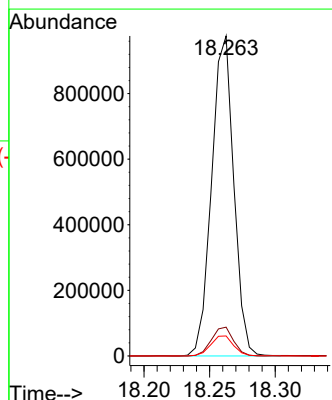
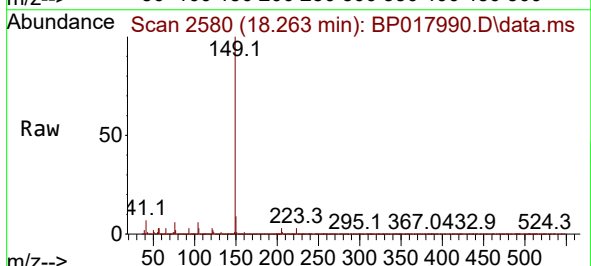
Tgt Ion:149 Resp: 1142950

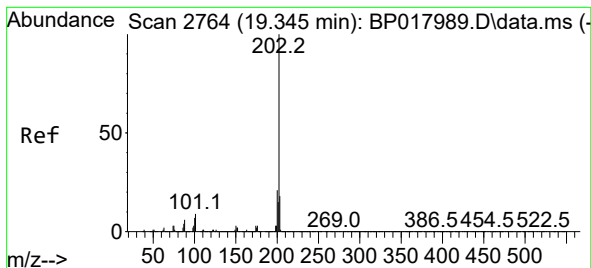
Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.6

104 6.2 5.1 7.7





#80

Fluoranthene

Concen: 42.521 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

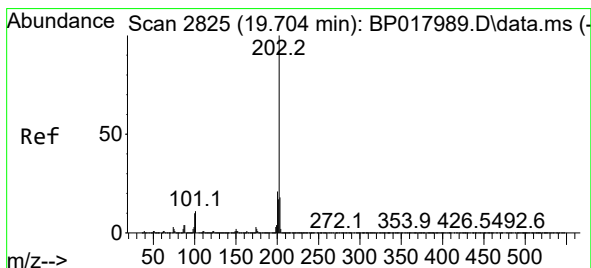
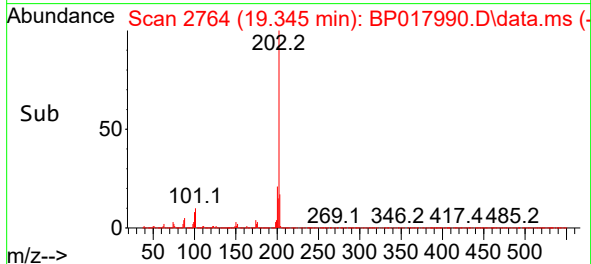
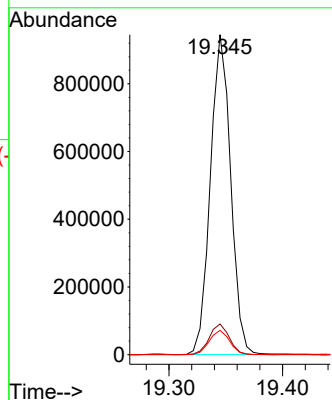
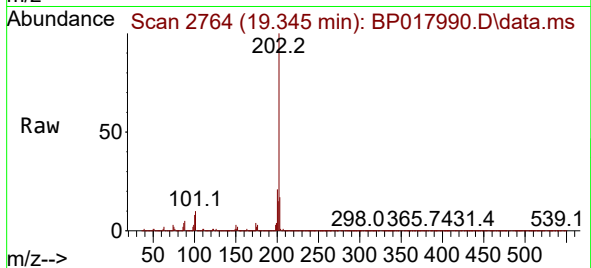
Tgt Ion:202 Resp: 1173861

Ion Ratio Lower Upper

202 100

101 9.6 7.4 11.0

100 7.6 5.8 8.6



#82

Pyrene

Concen: 42.239 ng/ul

RT: 19.704 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

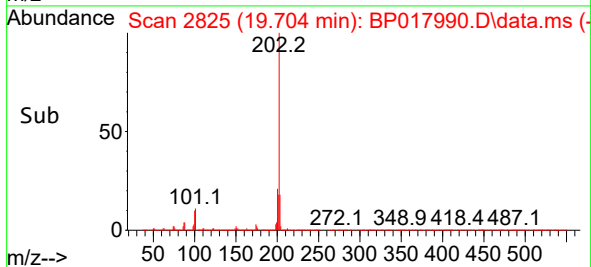
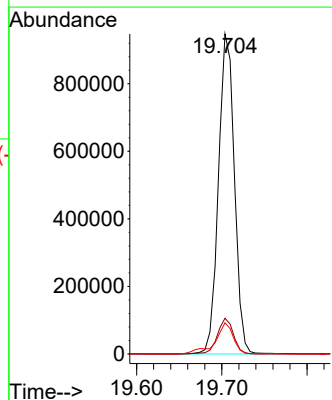
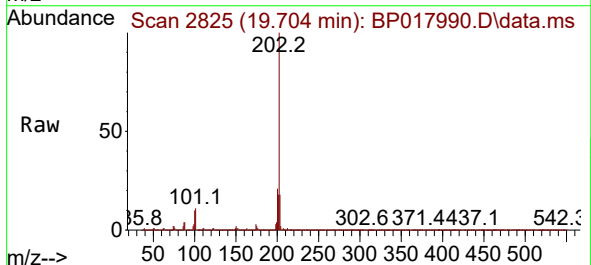
Tgt Ion:202 Resp: 1232427

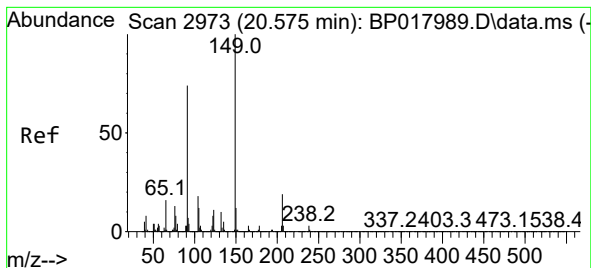
Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

100 9.7 7.8 11.8





#83

Butylbenzylphthalate

Concen: 43.300 ng/ul

RT: 20.568 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

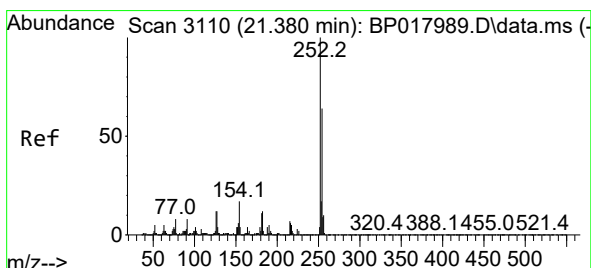
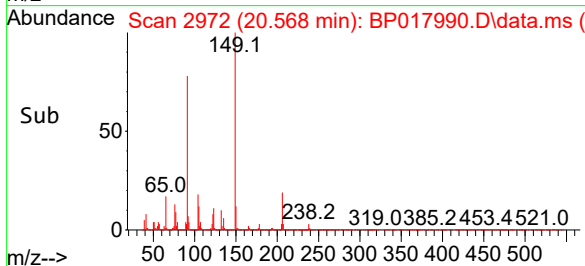
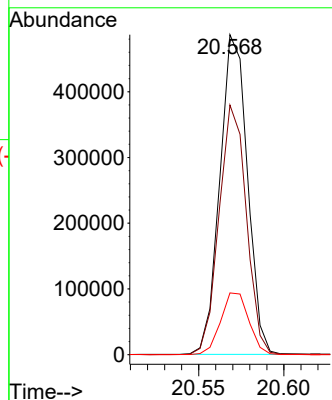
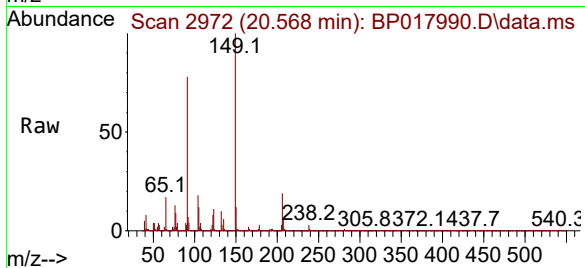
Tgt Ion:149 Resp: 547085

Ion Ratio Lower Upper

149 100

91 78.0 59.5 89.3

206 19.3 15.5 23.3



#84

3,3'-Dichlorobenzidine

Concen: 44.122 ng/ul

RT: 21.374 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

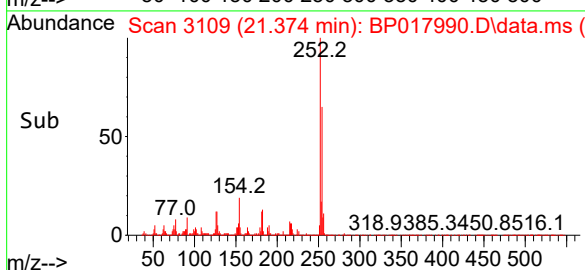
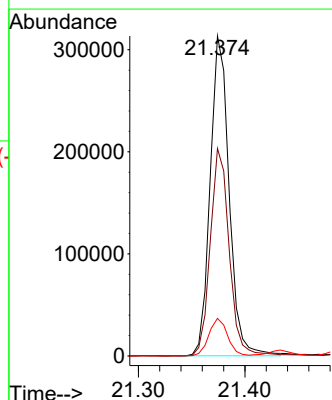
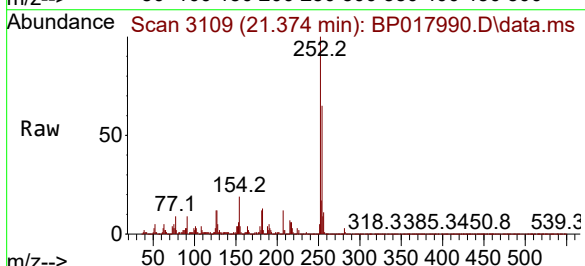
Tgt Ion:252 Resp: 387473

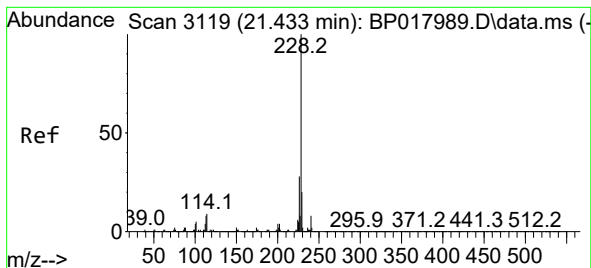
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.4

126 11.7 9.2 13.8





#85

Benzo(a)anthracene

Concen: 41.388 ng/ul

RT: 21.433 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

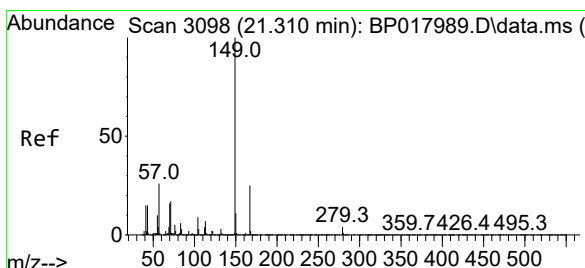
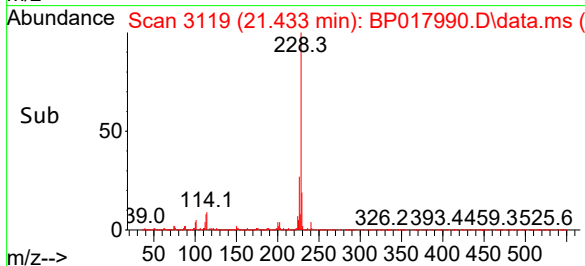
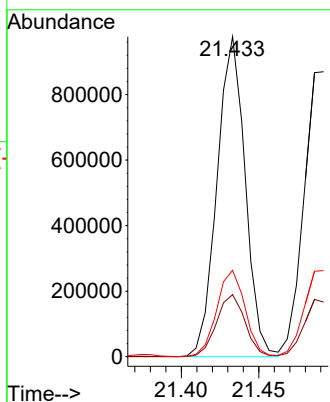
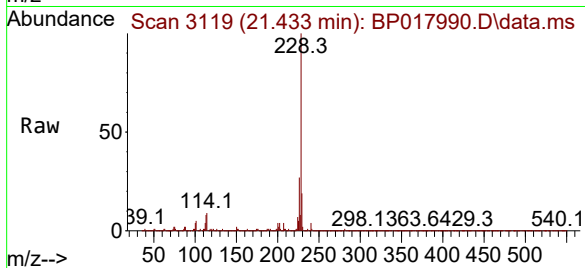
Tgt Ion:228 Resp: 1233111

Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

226 27.0 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.580 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

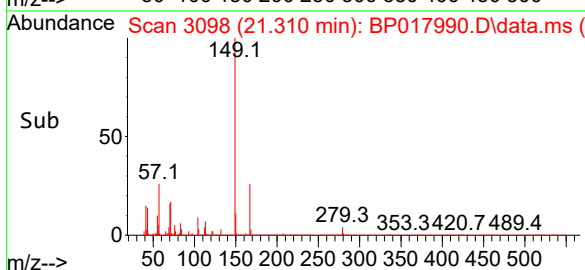
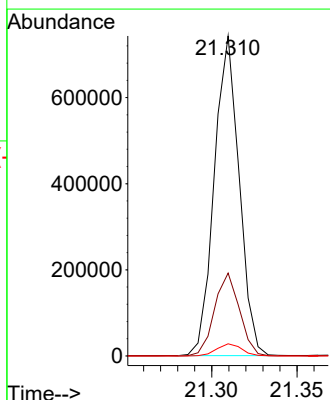
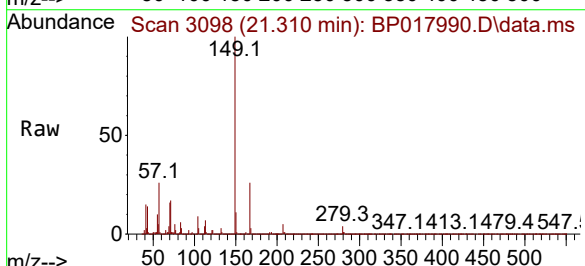
Tgt Ion:149 Resp: 754374

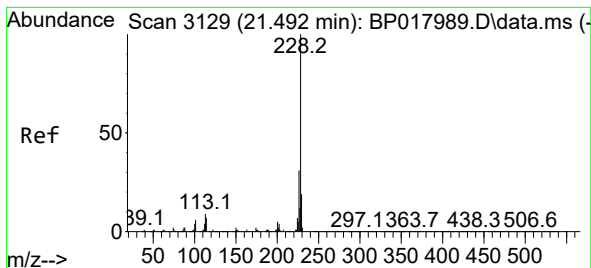
Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.2

279 3.8 3.0 4.4





#87

Chrysene

Concen: 41.051 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

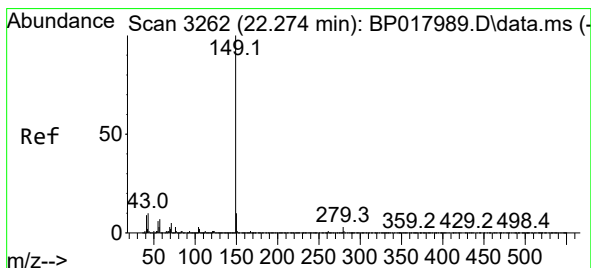
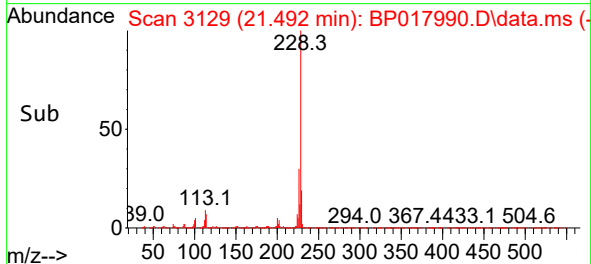
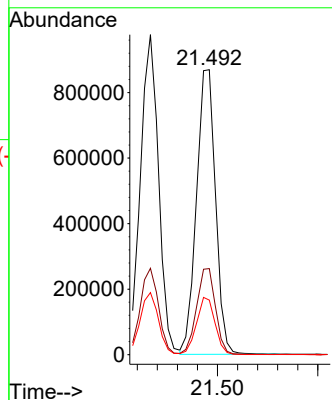
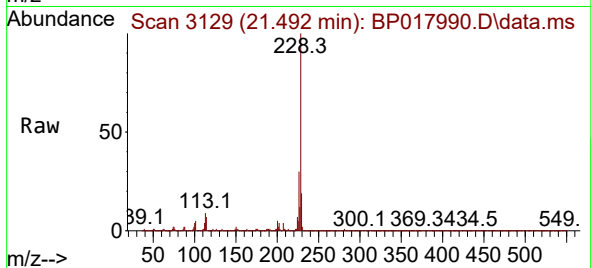
Tgt Ion:228 Resp: 1152023

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.2 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 42.940 ng/ul

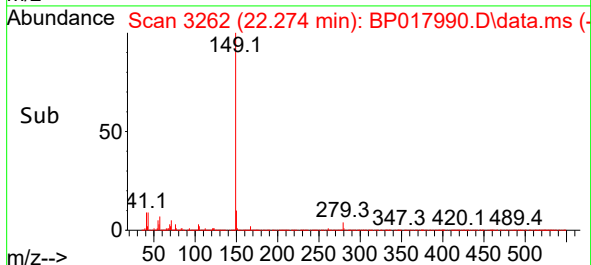
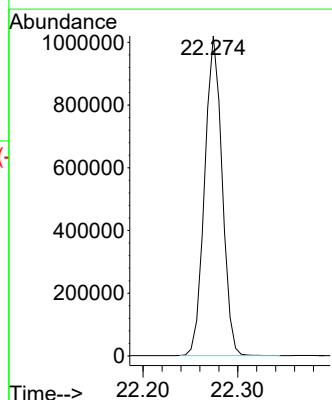
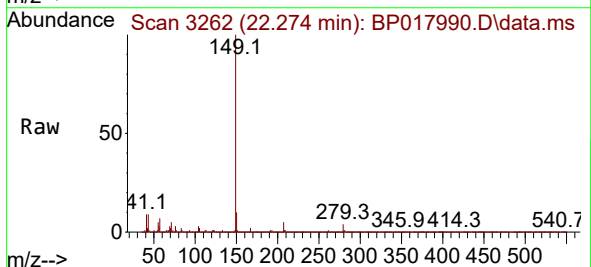
RT: 22.274 min Scan# 3262

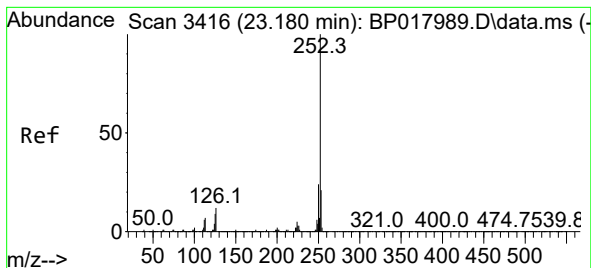
Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Tgt Ion:149 Resp: 1300713





#90

Benzo(b)fluoranthene

Concen: 41.213 ng/ul

RT: 23.180 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

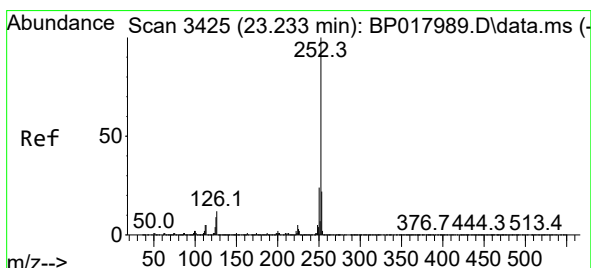
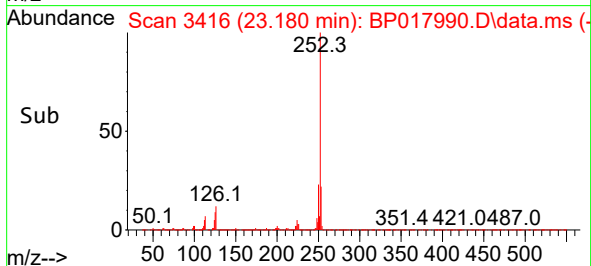
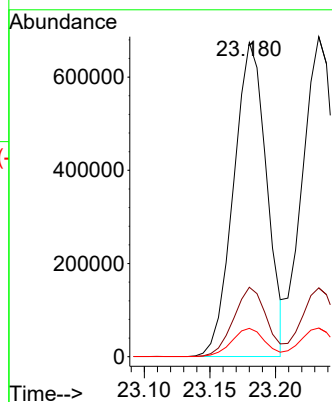
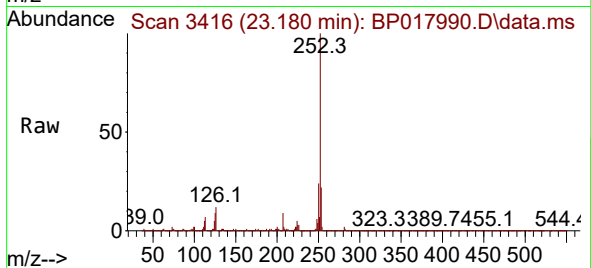
Tgt Ion:252 Resp: 1182060

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 9.0 7.4 11.2



#91

Benzo(k)fluoranthene

Concen: 42.063 ng/ul

RT: 23.233 min Scan# 3425

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

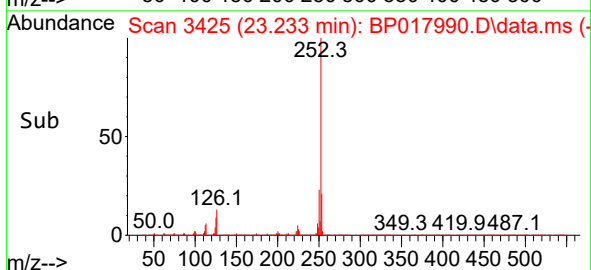
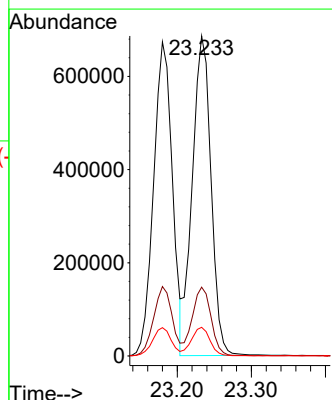
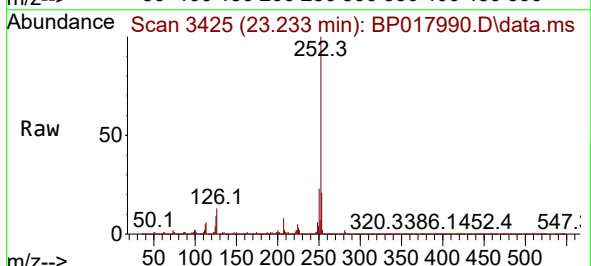
Tgt Ion:252 Resp: 1204158

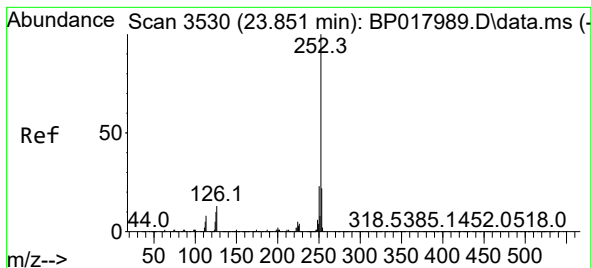
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 41.796 ng/ul

RT: 23.851 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

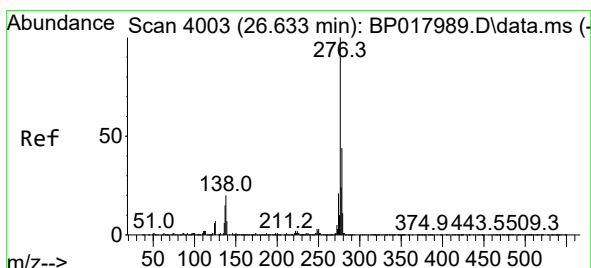
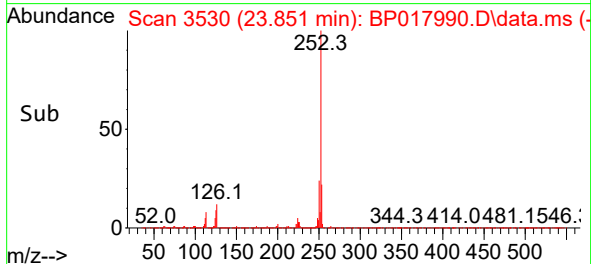
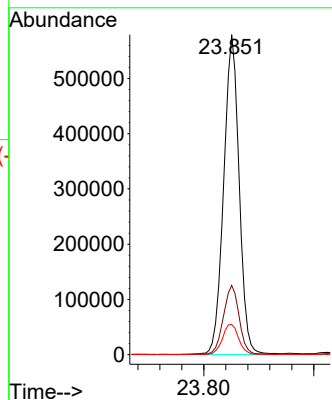
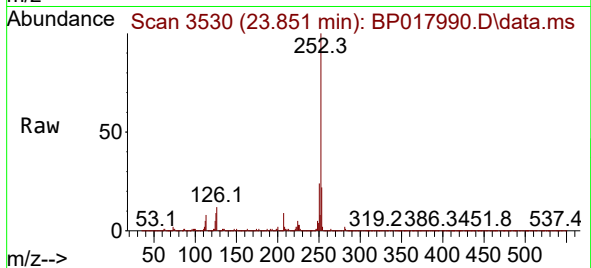
Tgt Ion:252 Resp: 1129984

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.5 7.8 11.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 41.575 ng/ul

RT: 26.633 min Scan# 4003

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

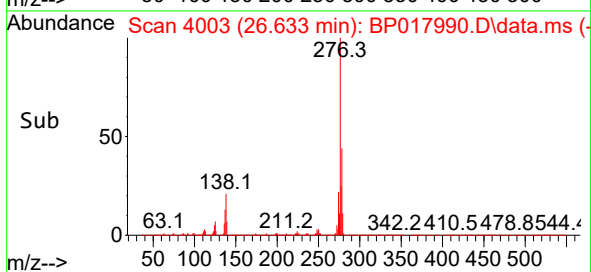
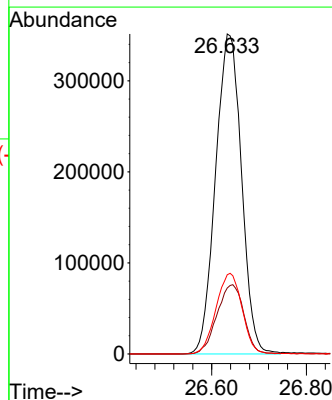
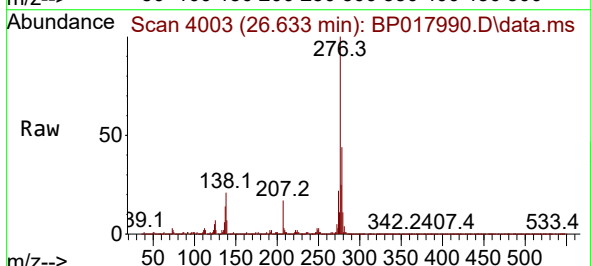
Tgt Ion:276 Resp: 1332221

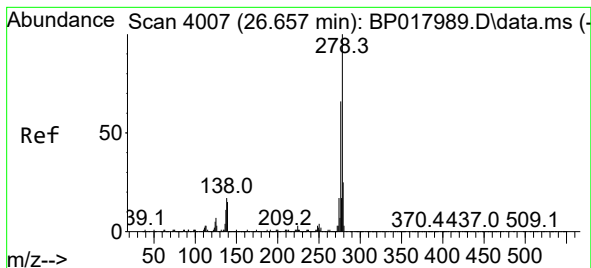
Ion Ratio Lower Upper

276 100

138 20.6 16.2 24.4

277 24.7 18.8 28.2





#95

Dibenzo(a,h)anthracene

Concen: 41.584 ng/ul

RT: 26.656 min Scan# 4007

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

SSTD040613

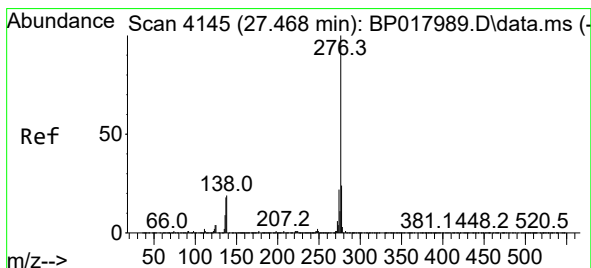
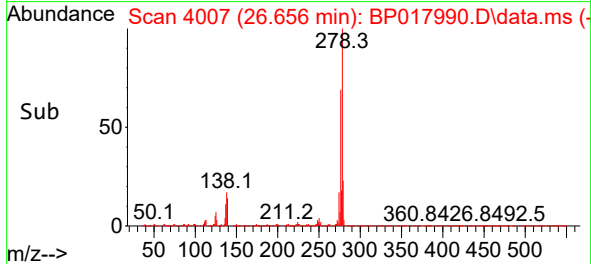
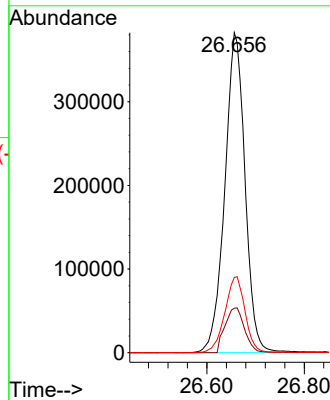
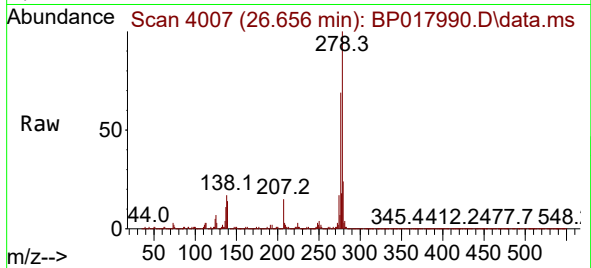
Tgt Ion:278 Resp: 1101651

Ion Ratio Lower Upper

278 100

139 13.9 11.9 17.9

279 23.5 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 41.805 ng/ul

RT: 27.468 min Scan# 4145

Delta R.T. -0.000 min

Lab File: BP017990.D

Acq: 09 Nov 2023 16:09

Tgt Ion:276 Resp: 1069011

Ion Ratio Lower Upper

276 100

138 18.7 15.0 22.6

277 23.2 19.0 28.6

