

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
 Data File : BP017085.D
 Acq On : 11 Sep 2023 02:31
 Operator : MA/JU
 Sample : SST00543
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST005603

Quant Time: Sep 11 05:44:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 05:32:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	262309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1126224	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	679071	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1454347	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1317913	20.000	ng/u1	0.00
88) Perylene-d12	24.016	264	1436026	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	13109	1.890	ng/uL	0.00
4) Pyridine-d5	3.758	84	90284	4.556	ng/u1	0.00
7) Phenol-d5	7.105	99	93204	3.889	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	73273	4.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	74874	4.317	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	74624	4.087	ng/u1	0.00
21) Nitrobenzene-d5	9.158	128	33472	3.831	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	30926	3.265	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	63595	3.637	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	105478	4.181	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	217869	4.310	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	229450	3.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	30402	3.079	ng/u1	0.00
60) Fluorene-d10	15.616	176	186693	4.314	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	21386	2.444	ng/u1	0.00
73) Anthracene-d10	17.486	188	275556	4.126	ng/u1	0.00
81) Pyrene-d10	19.728	212	297584	3.707	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	292834	4.020	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	14561	1.945	ng/uL	97
5) Pyridine	3.775	79	97654	4.629	ng/u1	90
6) Benzaldehyde	7.116	77	70837	6.522	ng/u1	98
8) Phenol	7.134	94	107417	4.314	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	93229	4.695	ng/u1	96
12) 2-Chlorophenol	7.511	128	79977	4.328	ng/u1	99
13) 2-Methylphenol	8.399	108	72065	3.946	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	88904	3.180	ng/u1	98
16) Acetophenone	8.810	105	133124	4.519	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	69929	4.443	ng/u1	98
18) 4-Methylphenol	8.728	108	82623	4.148	ng/u1	100
19) Hexachloroethane	9.028	117	35218	4.601	ng/u1	95
22) Nitrobenzene	9.199	77	103158	4.422	ng/u1	97
23) Isophorone	9.710	82	176615	4.030	ng/u1	99
25) 2-Nitrophenol	9.905	139	37194	3.567	ng/u1	95
26) 2,4-Dimethylphenol	9.940	107	90813	4.265	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.199	93	123590	4.550	ng/u1	97
29) 2,4-Dichlorophenol	10.422	162	70526	3.958	ng/u1	98
30) Naphthalene	10.834	128	280135	4.558	ng/u1	99
32) 4-Chloroaniline	10.969	127	108982	4.151	ng/u1	98
33) Hexachlorobutadiene	11.063	225	42393	3.980	ng/u1	94
34) Caprolactam	11.787	113	18007	3.051	ng/u1	96
35) 4-Chloro-3-methylphenol	12.069	107	74811	3.831	ng/u1	98
36) 2-Methylnaphthalene	12.440	142	176829	4.354	ng/u1	100

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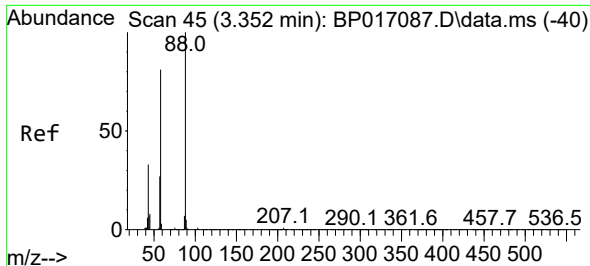
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	180828	4.423	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.793	216	82239	4.110	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	36592	2.823	ng/ul	95
41) 2,4,6-Trichlorophenol	13.046	196	47894	3.517	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	53265	3.595	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	240940	4.482	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	189779	4.497	ng/ul	100
45) 2-Nitroaniline	13.734	65	46927	3.734	ng/ul	97
47) Dimethylphthalate	14.081	163	231340	4.362	ng/ul	98
48) 2,6-Dinitrotoluene	14.222	165	32695	3.174	ng/ul	89
50) Acenaphthylene	14.345	152	291365	4.461	ng/ul	97
51) 3-Nitroaniline	14.563	138	35742	3.477	ng/ul	99
52) Acenaphthene	14.681	153	209905	4.606	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	12417	1.944	ng/ul	92
55) 4-Nitrophenol	14.851	109	28239	3.573	ng/ul	94
56) Dibenzofuran	15.022	168	286630	4.574	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	48970	3.312	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.240	232	40471	3.388	ng/ul	97
59) Diethylphthalate	15.434	149	226481	4.273	ng/ul	99
61) Fluorene	15.669	166	230159	4.455	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.663	204	105823	4.238	ng/ul	98
63) 4-Nitroaniline	15.734	138	34510	3.818	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.757	198	25819	2.816	ng/ul#	98
67) N-Nitrosodiphenylamine	15.887	169	182165	4.154	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	53328	3.686	ng/ul	97
69) Hexachlorobenzene	16.645	284	61786	3.896	ng/ul	98
70) Atrazine	16.845	200	54325	3.618	ng/ul	98
71) Pentachlorophenol	17.016	266	29446	2.847	ng/ul	96
72) Phenanthrene	17.434	178	365101	4.518	ng/ul	99
74) Anthracene	17.528	178	352876	4.344	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	84917	4.099	ng/uL	98
76) Pentachlorobenzene	14.910	250	73792	3.698	ng/uL	100
77) Carbazole	17.810	167	310716	4.256	ng/ul	99
78) Di-n-butylphthalate	18.322	149	327109	3.657	ng/ul	99
80) Fluoranthene	19.398	202	372646	3.718	ng/ul	98
82) Pyrene	19.757	202	410346	3.943	ng/ul	99
83) Butylbenzylphthalate	20.616	149	139265	3.236	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	101040	3.455	ng/ul	98
85) Benzo(a)anthracene	21.469	228	406150	4.376	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.351	149	198503	3.339	ng/ul	98
87) Chrysene	21.527	228	381979	4.399	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	349119	2.900	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	376591	3.753	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	379078	3.902	ng/ul	99
93) Benzo(a)pyrene	23.898	252	353104	4.219	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.692	276	423063	4.554	ng/ul	98
95) Dibenzo(a,h)anthracene	26.721	278	351163	4.580	ng/ul	99
96) Benzo(g,h,i)perylene	27.533	276	333165	4.551	ng/ul	97

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

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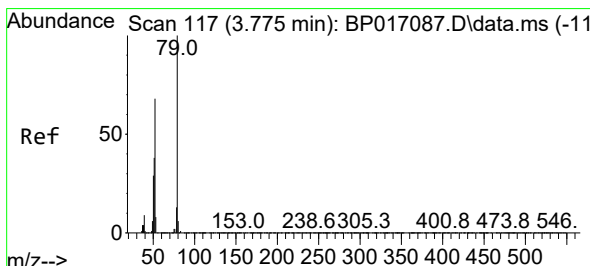
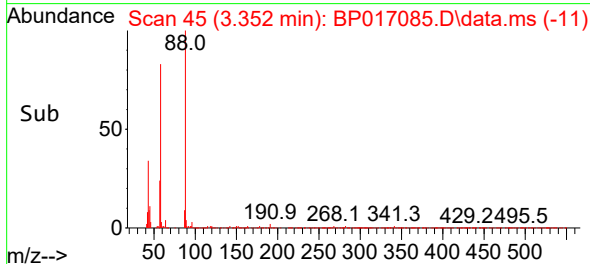
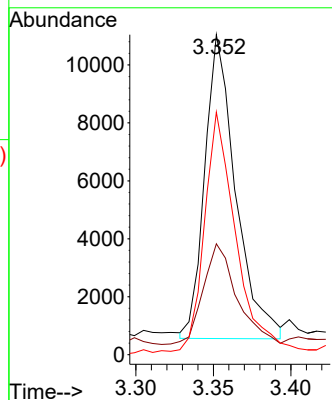
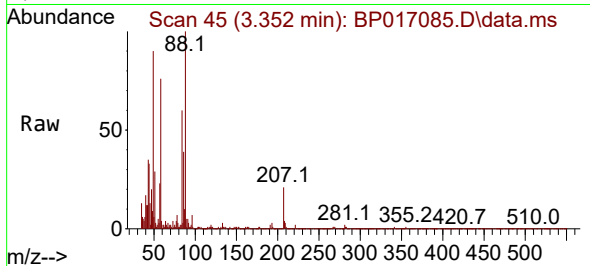




#2
1,4-Dioxane
Concen: 1.945 ng/uL
RT: 3.352 min Scan# 45
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

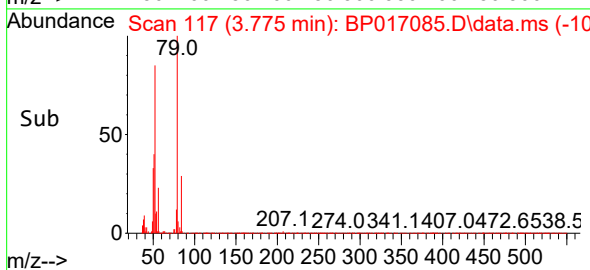
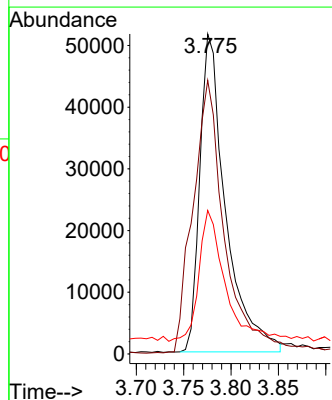
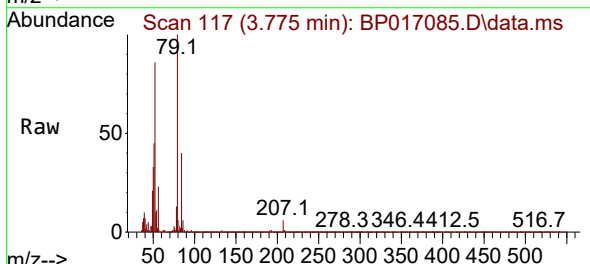
Instrument :
BNA_P
ClientSampleId :
SSTD005603

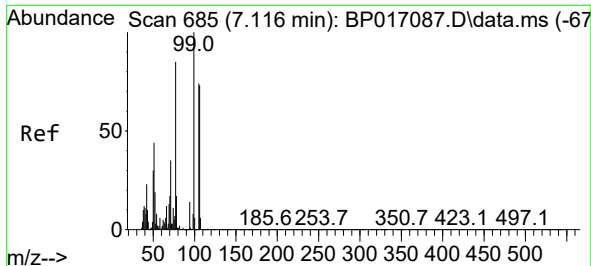
Tgt Ion:	88	Resp:	14561
Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.3	40.9
58	75.8	63.7	95.5



#5
Pyridine
Concen: 4.629 ng/uL
RT: 3.775 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:	79	Resp:	97654
Ion	Ratio	Lower	Upper
79	100		
52	85.5	61.6	92.4
51	44.9	30.9	46.3

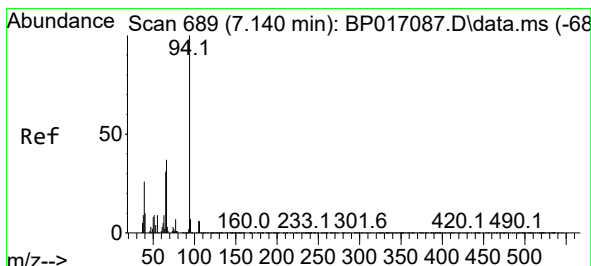
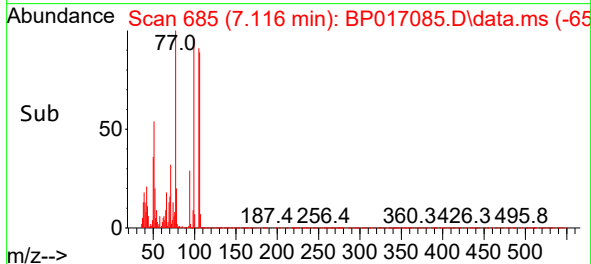
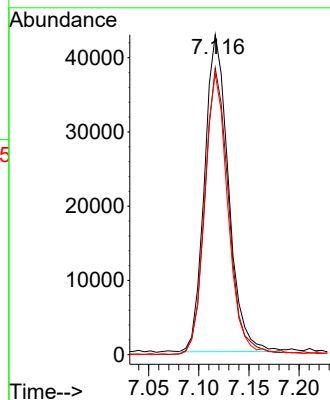
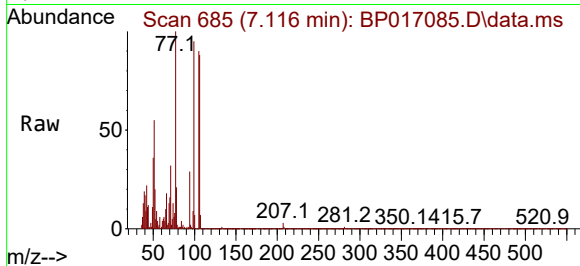




#6
Benzaldehyde
Concen: 6.522 ng/ul
RT: 7.116 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

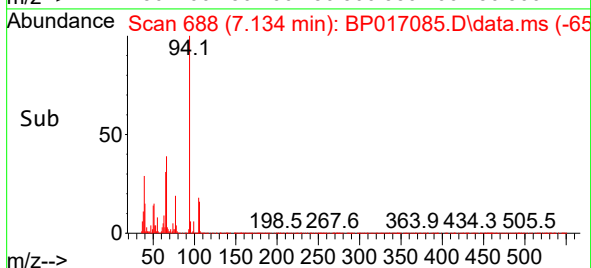
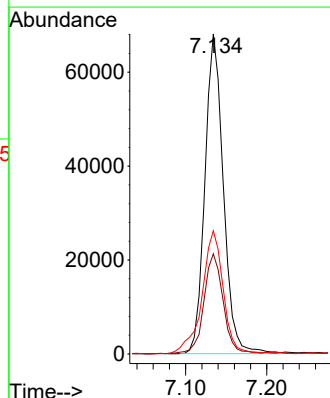
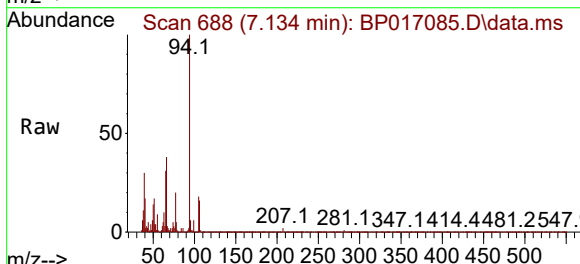
Instrument :
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ClientSampleId :
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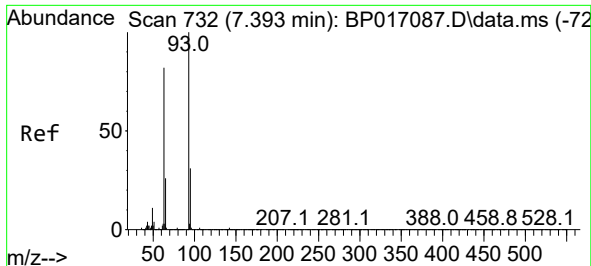
Tgt Ion: 77 Resp: 70837
Ion Ratio Lower Upper
77 100
105 89.6 70.3 105.5
106 87.8 69.0 103.6



#8
Phenol
Concen: 4.314 ng/ul
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion: 94 Resp: 107417
Ion Ratio Lower Upper
94 100
65 31.3 25.4 38.0
66 38.5 30.6 46.0

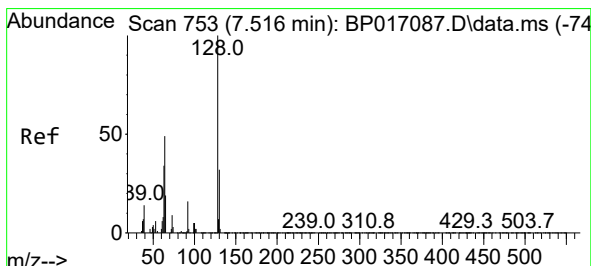
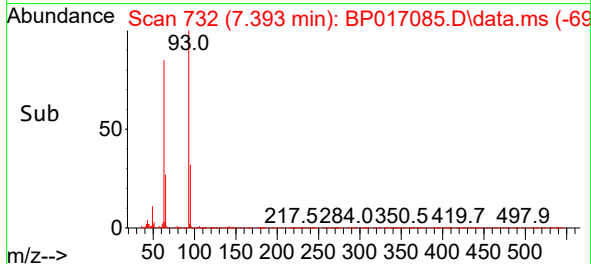
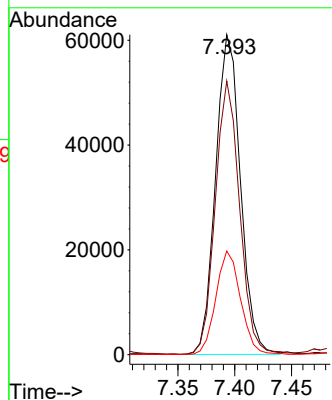
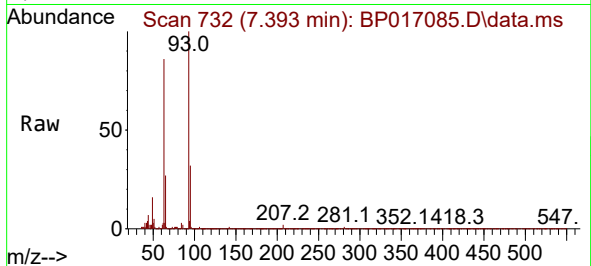




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.695 ng/ul
 RT: 7.393 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BP017085.D
 Acq: 11 Sep 2023 02:31

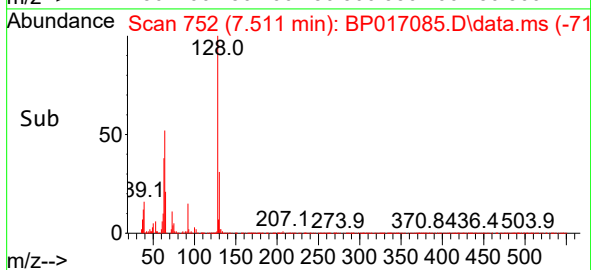
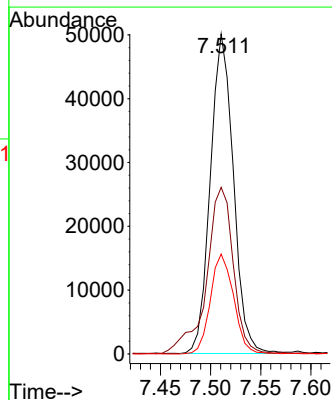
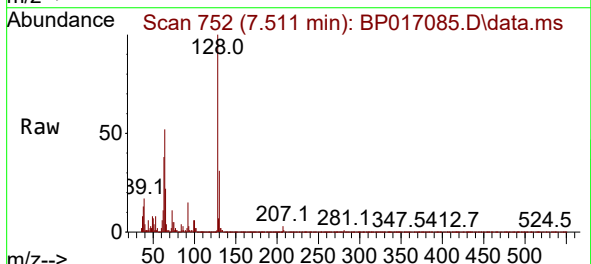
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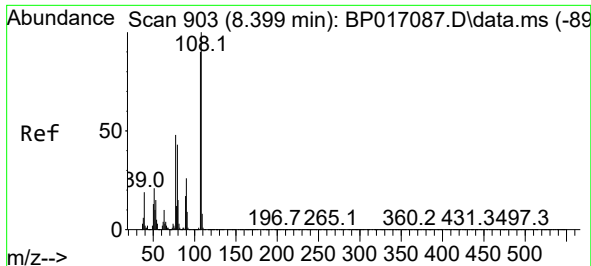
Tgt Ion: 93 Resp: 93229
 Ion Ratio Lower Upper
 93 100
 63 85.6 65.4 98.0
 95 32.4 25.1 37.7



#12
 2-Chlorophenol
 Concen: 4.328 ng/ul
 RT: 7.511 min Scan# 752
 Delta R.T. -0.006 min
 Lab File: BP017085.D
 Acq: 11 Sep 2023 02:31

Tgt Ion:128 Resp: 79977
 Ion Ratio Lower Upper
 128 100
 64 52.1 42.2 63.4
 130 31.2 25.3 37.9





#13

2-Methylphenol

Concen: 3.946 ng/ul

RT: 8.399 min Scan# 903

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

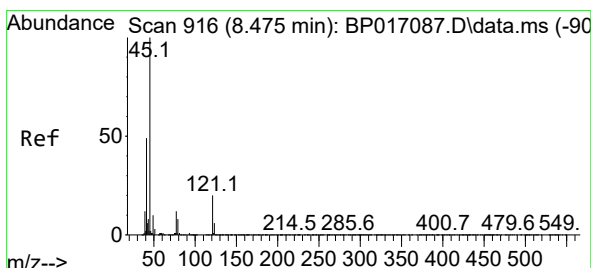
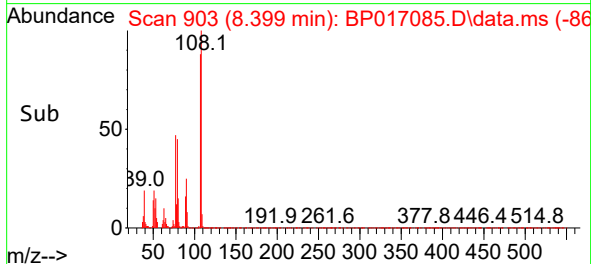
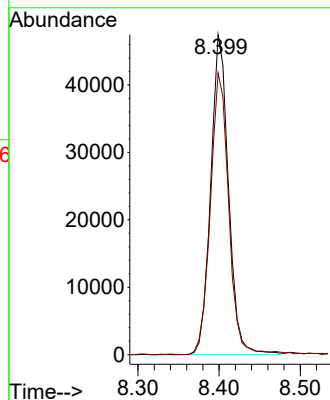
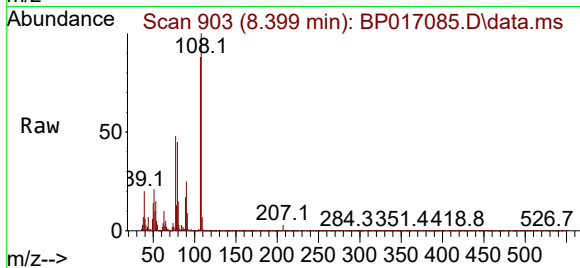
SSTD005603

Tgt Ion:108 Resp: 72065

Ion Ratio Lower Upper

108 100

107 88.0 72.3 108.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.180 ng/ul

RT: 8.475 min Scan# 916

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

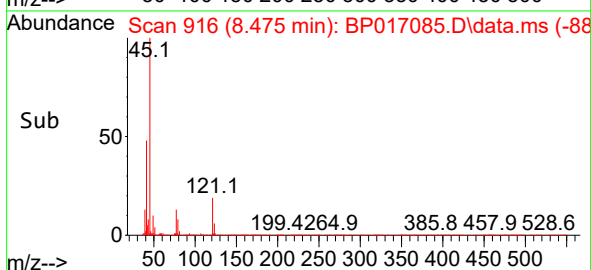
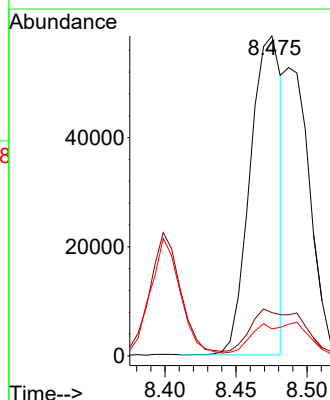
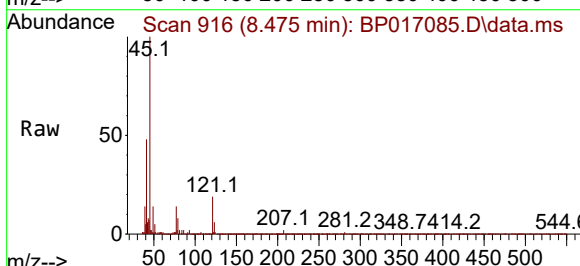
Tgt Ion: 45 Resp: 88904

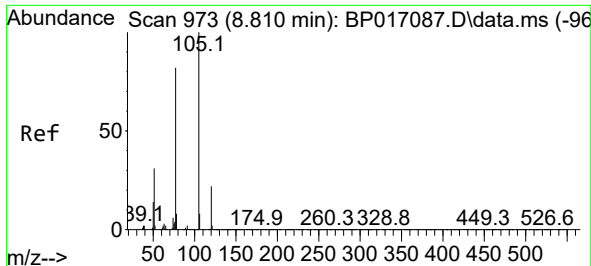
Ion Ratio Lower Upper

45 100

77 13.6 11.0 16.4

79 8.4 7.8 11.6

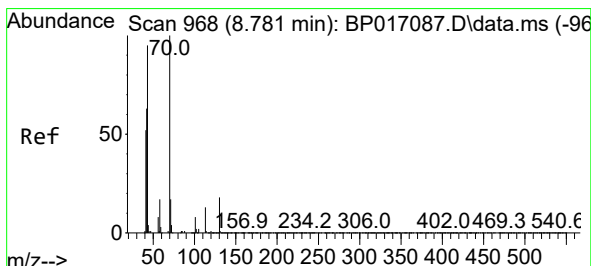
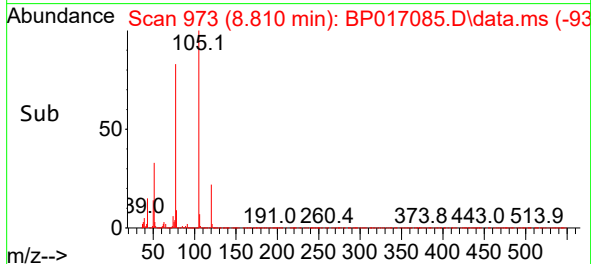
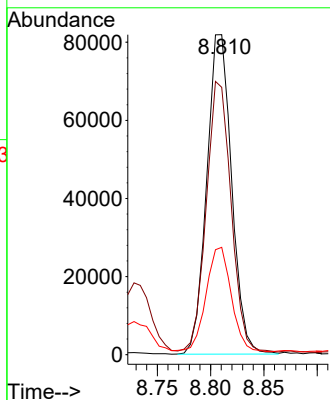
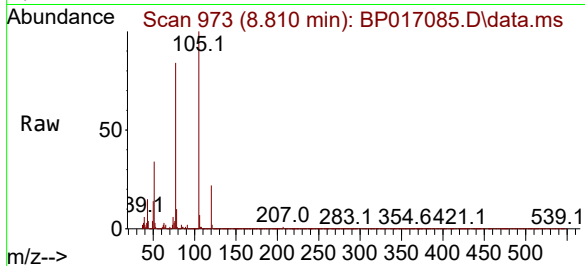




#16
Acetophenone
Concen: 4.519 ng/ul
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP017085.D
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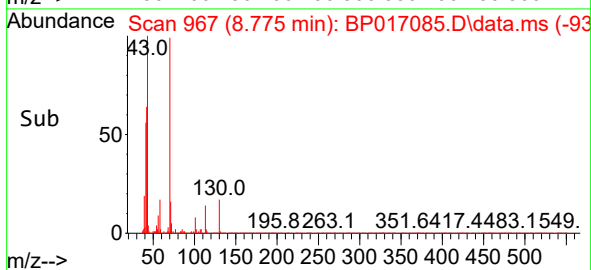
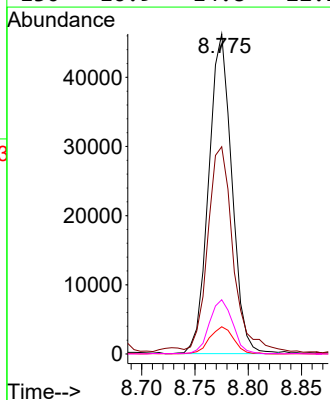
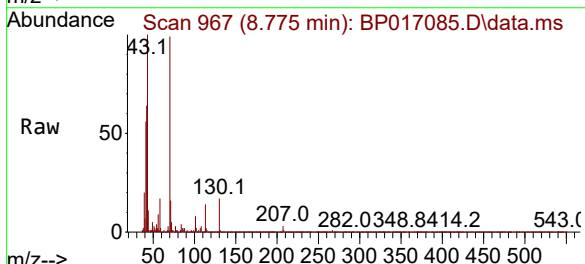
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ClientSampleId :
SSTD005603

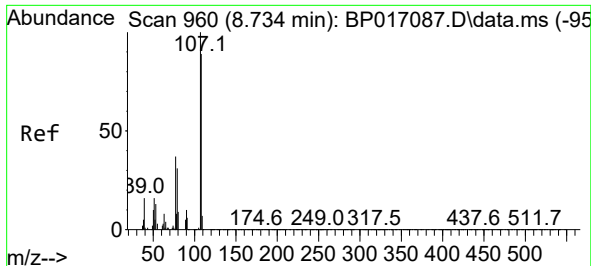
Tgt Ion:105 Resp: 133124
Ion Ratio Lower Upper
105 100
77 83.6 67.0 100.4
51 33.5 25.4 38.0



#17
N-Nitroso-di-n-propylamine
Concen: 4.443 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion: 70 Resp: 69929
Ion Ratio Lower Upper
70 100
42 64.7 50.9 76.3
101 8.5 6.7 10.1
130 16.9 14.8 22.2

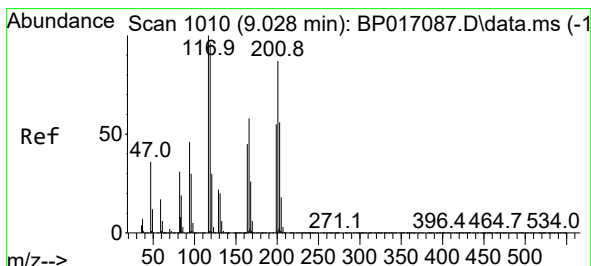
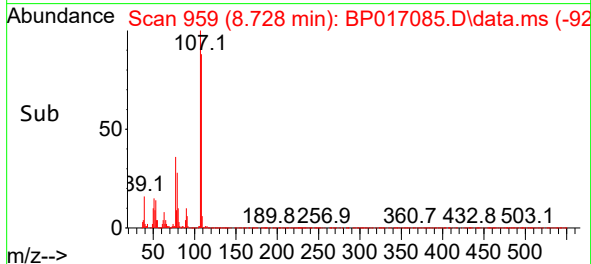
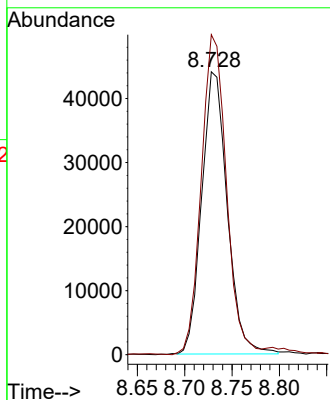
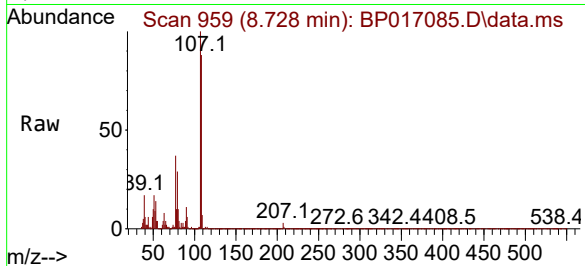




#18
4-Methylphenol
Concen: 4.148 ng/ul
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

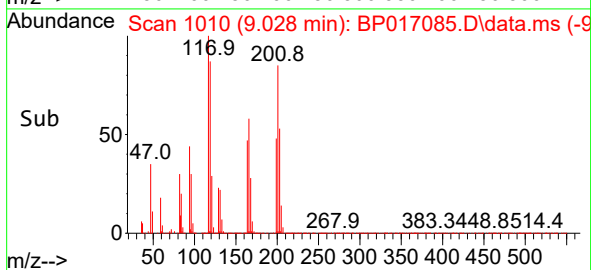
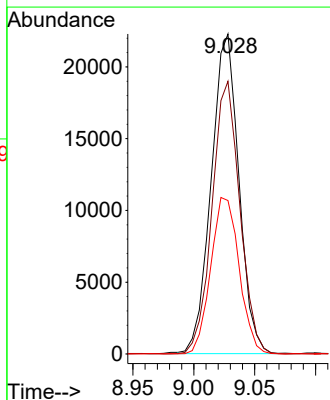
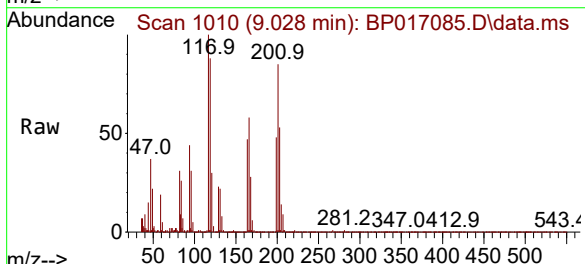
Instrument :
BNA_P
ClientSampleId :
SSTD005603

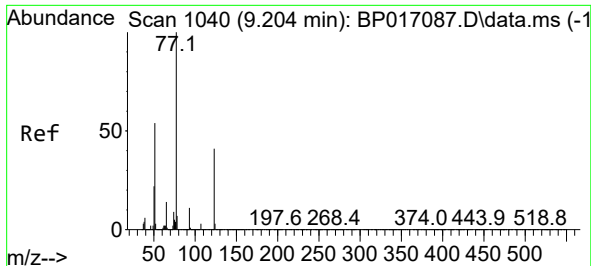
Tgt Ion:108 Resp: 82623
Ion Ratio Lower Upper
108 100
107 113.1 90.2 135.4



#19
Hexachloroethane
Concen: 4.601 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:117 Resp: 35218
Ion Ratio Lower Upper
117 100
201 85.2 69.9 104.9
199 48.0 43.9 65.9

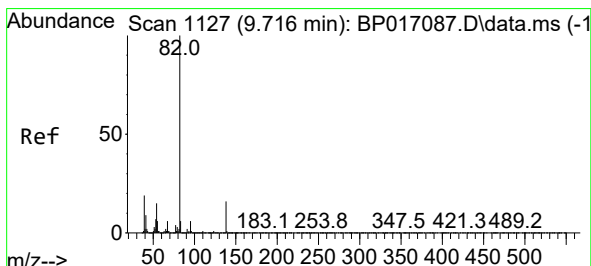
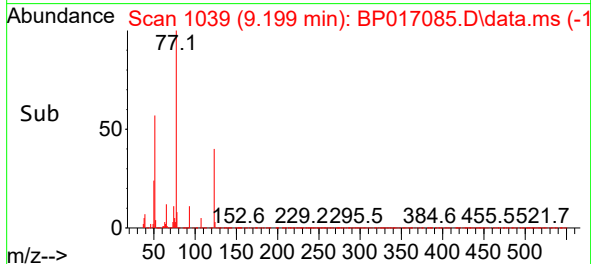
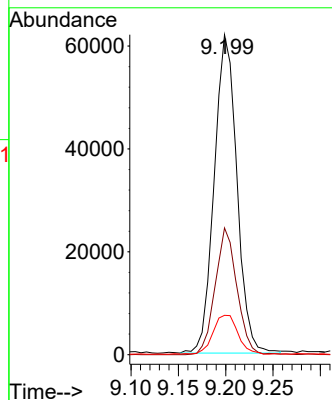
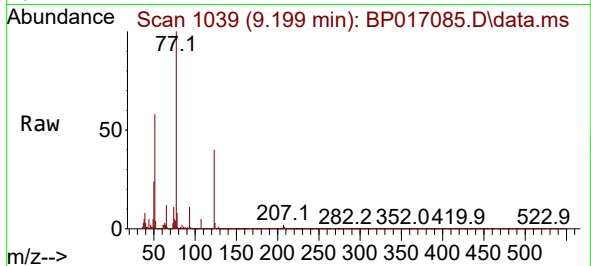




#22
Nitrobenzene
Concen: 4.422 ng/ul
RT: 9.199 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

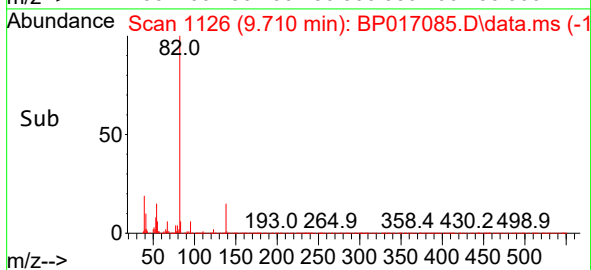
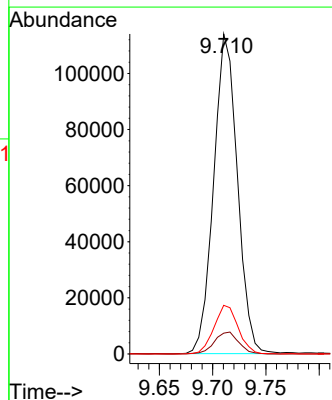
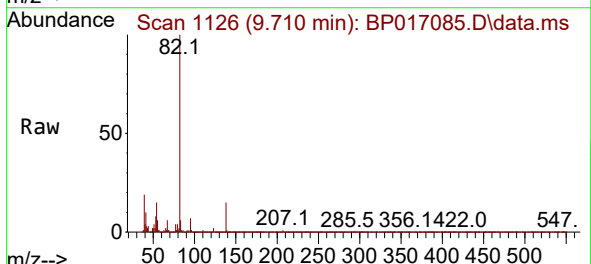
Instrument :
BNA_P
ClientSampleId :
SSTD005603

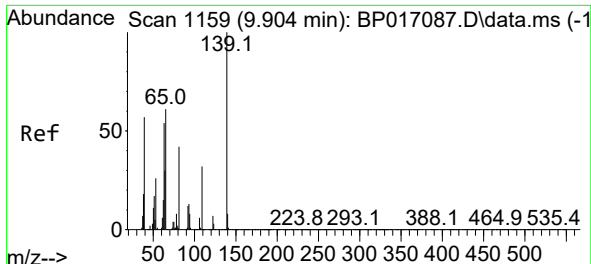
Tgt Ion: 77 Resp: 103158
Ion Ratio Lower Upper
77 100
123 39.6 32.8 49.2
65 12.3 11.0 16.4



#23
Isophorone
Concen: 4.030 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion: 82 Resp: 176615
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 15.2 12.6 19.0

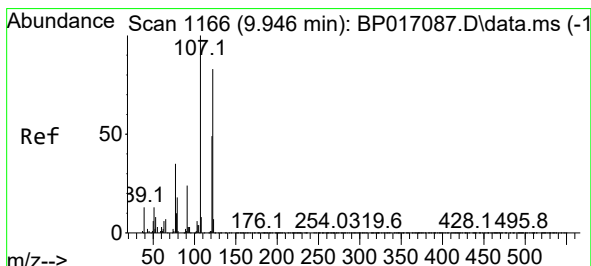
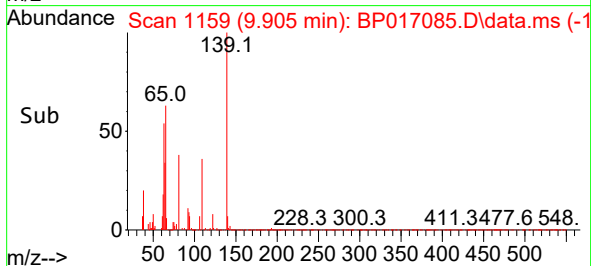
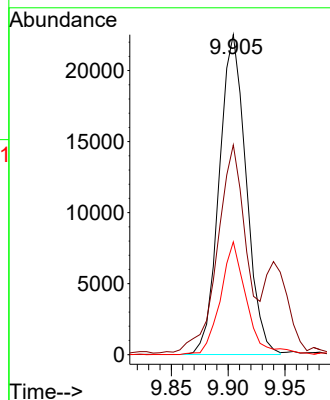
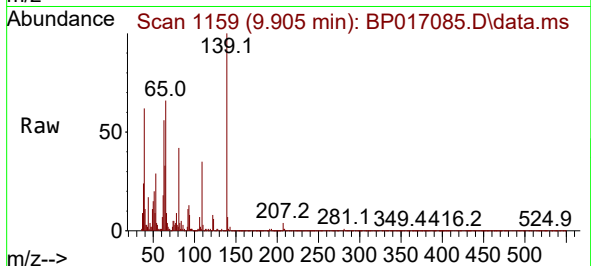




#25
2-Nitrophenol
Concen: 3.567 ng/ul
RT: 9.905 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

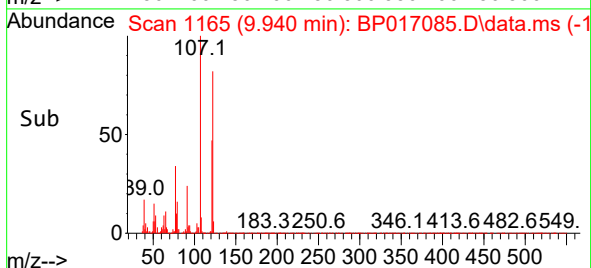
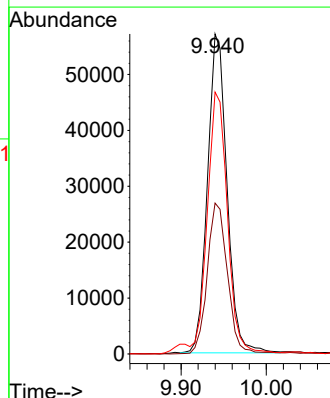
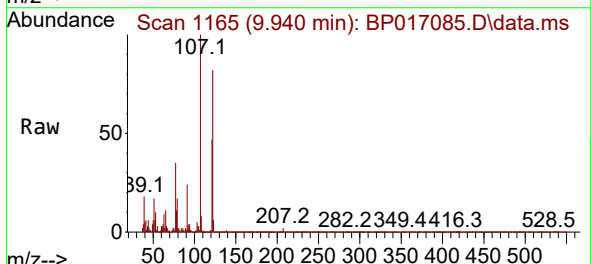
Instrument :
BNA_P
ClientSampleId :
SSTD005603

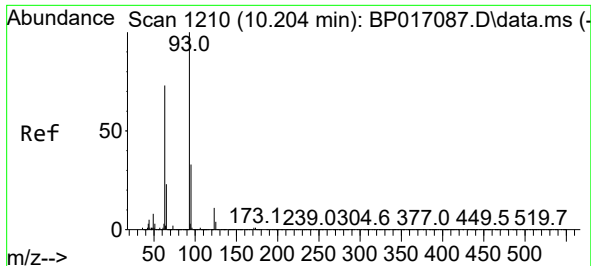
Tgt Ion:	139	Resp:	37194
Ion Ratio	Lower	Upper	
139	100		
65	65.6	49.9	74.9
109	35.3	25.3	37.9



#26
2,4-Dimethylphenol
Concen: 4.265 ng/ul
RT: 9.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:	107	Resp:	90813
Ion Ratio	Lower	Upper	
107	100		
121	47.1	39.1	58.7
122	81.8	66.6	100.0

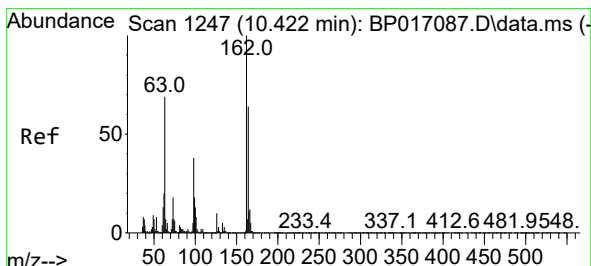
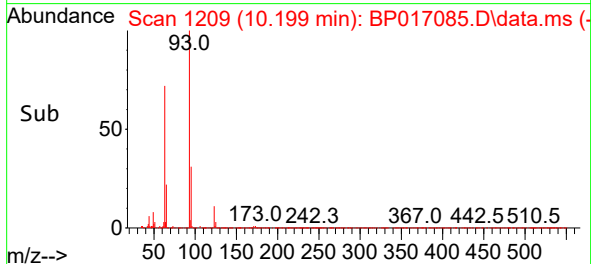
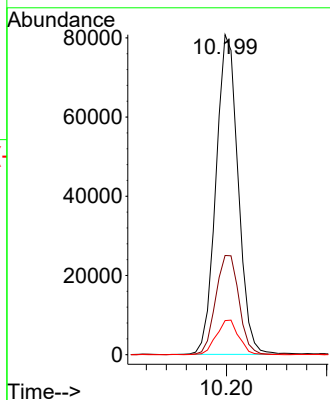
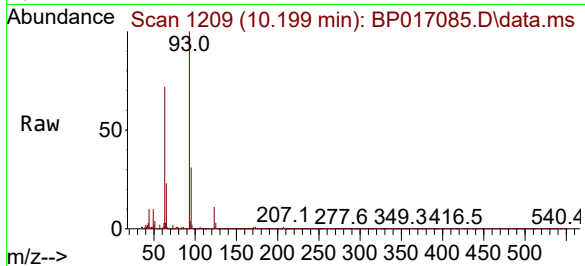




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.550 ng/ul
 RT: 10.199 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BP017085.D
 Acq: 11 Sep 2023 02:31

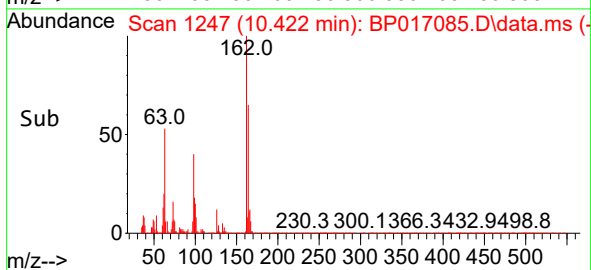
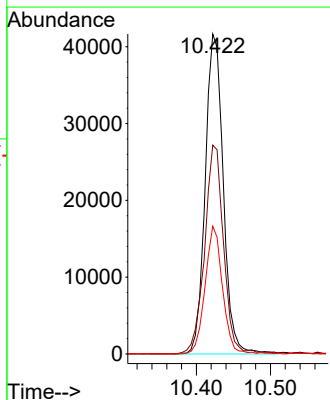
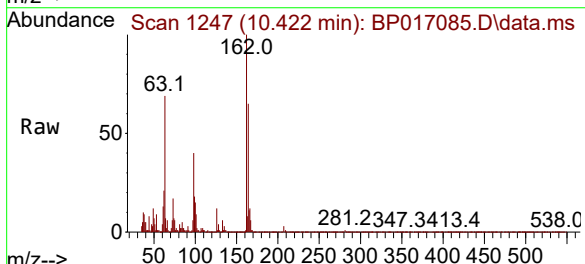
Instrument :
 BNA_P
 ClientSampleId :
 SSTD005603

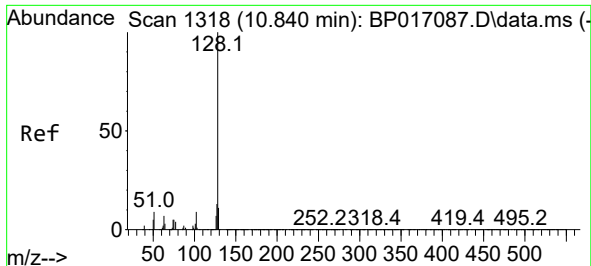
Tgt Ion:	93	Resp:	123590
Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.6	39.8
123	10.7	8.8	13.2



#29
 2,4-Dichlorophenol
 Concen: 3.958 ng/ul
 RT: 10.422 min Scan# 1247
 Delta R.T. 0.000 min
 Lab File: BP017085.D
 Acq: 11 Sep 2023 02:31

Tgt Ion:	162	Resp:	70526
Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.0	76.6
98	39.9	30.7	46.1

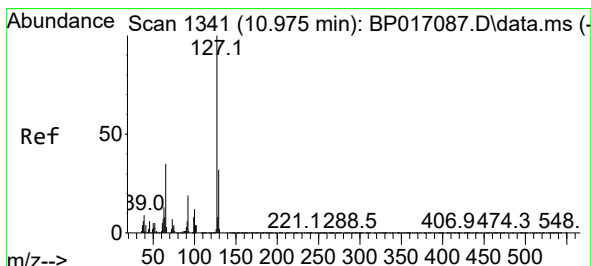
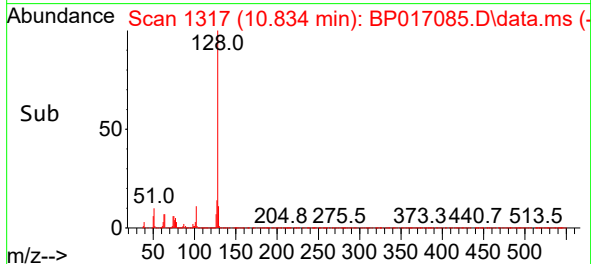
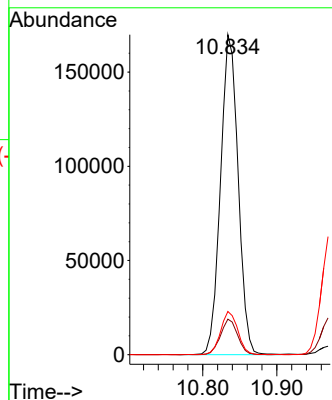
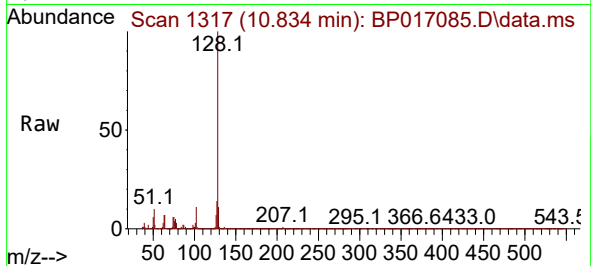




#30
Naphthalene
Concen: 4.558 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

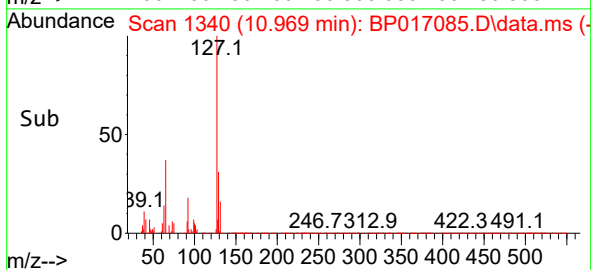
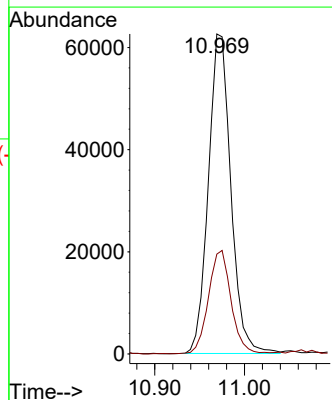
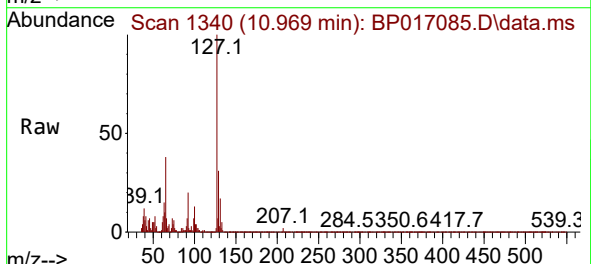
Instrument :
BNA_P
ClientSampleId :
SSTD005603

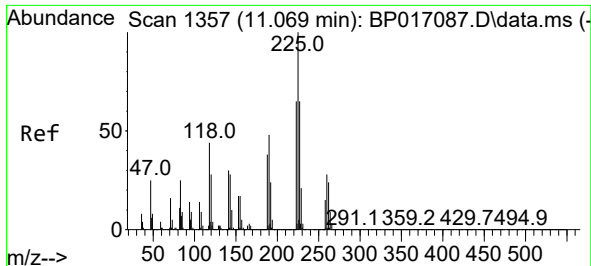
Tgt Ion:128 Resp: 280135
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.4 15.6



#32
4-Chloroaniline
Concen: 4.151 ng/ul
RT: 10.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:127 Resp: 108982
Ion Ratio Lower Upper
127 100
129 31.2 25.9 38.9

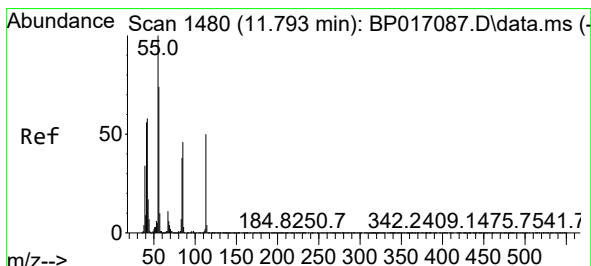
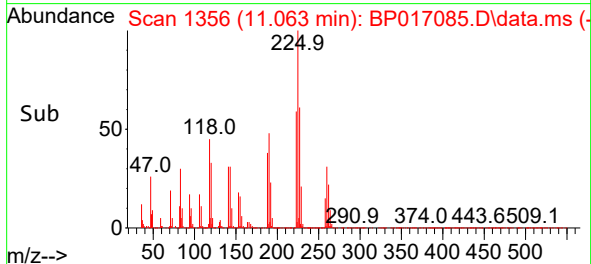
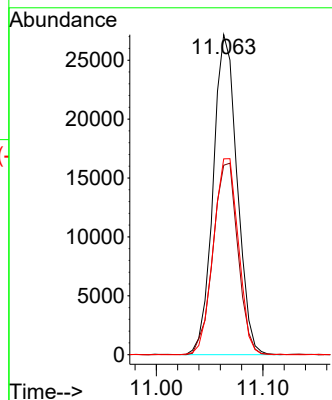
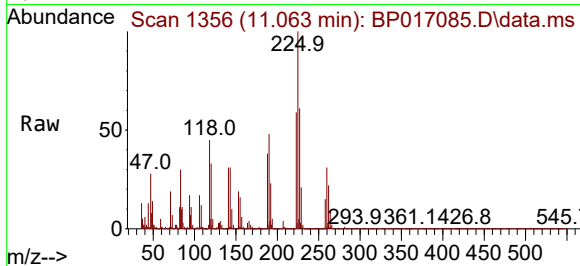




#33
Hexachlorobutadiene
Concen: 3.980 ng/ul
RT: 11.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

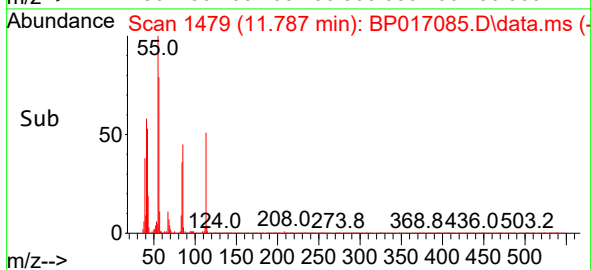
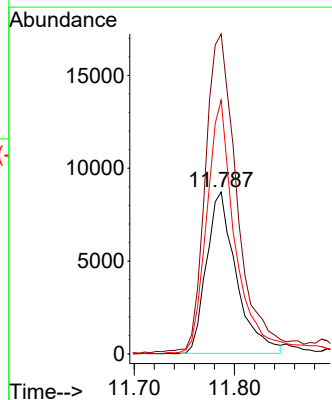
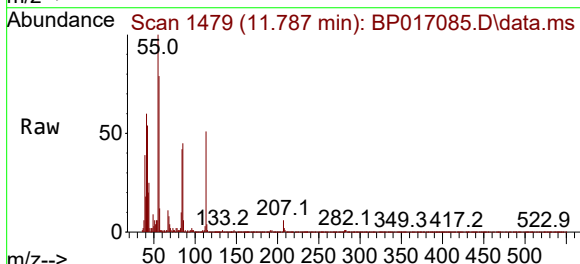
Instrument :
BNA_P
ClientSampleId :
SSTD005603

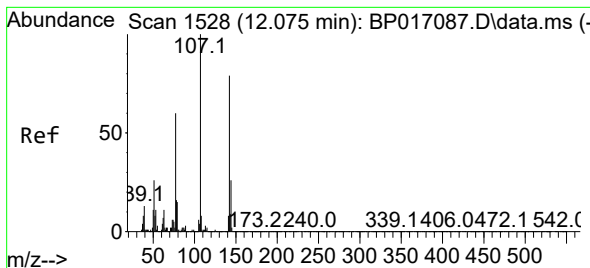
Tgt Ion:	225	Resp:	42393
Ion Ratio	Lower	Upper	
225	100		
223	59.2	51.6	77.4
227	61.2	51.8	77.8



#34
Caprolactam
Concen: 3.051 ng/ul
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:	113	Resp:	18007
Ion Ratio	Lower	Upper	
113	100		
55	197.6	160.4	240.6
56	156.9	118.5	177.7

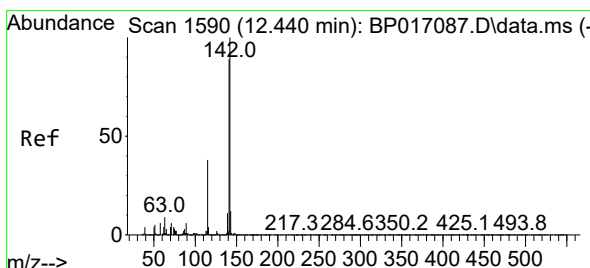
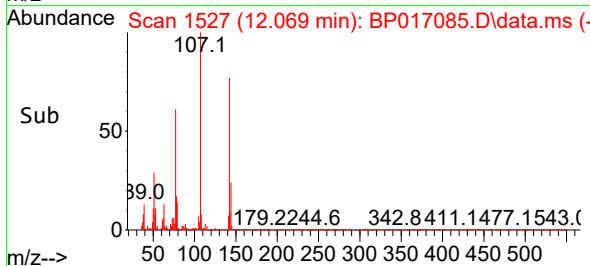
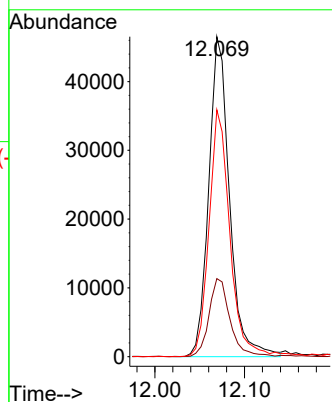
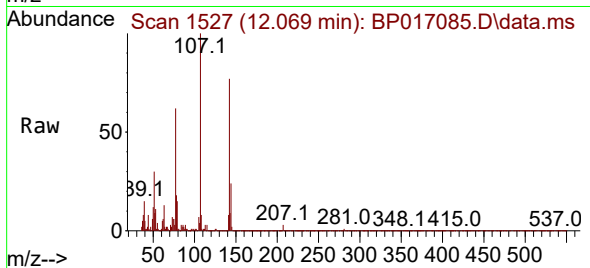




#35
4-Chloro-3-methylphenol
Concen: 3.831 ng/ul
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

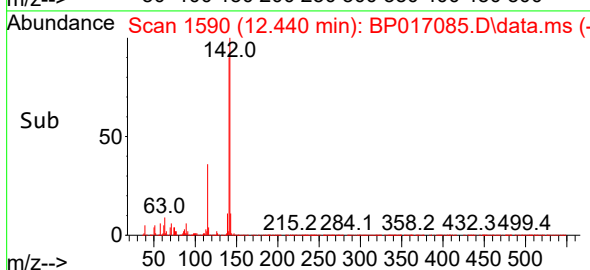
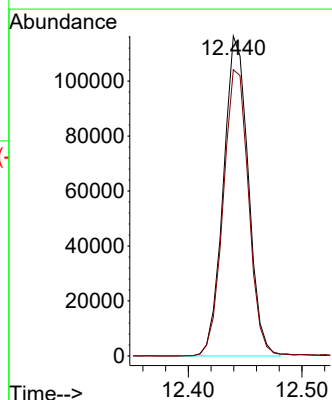
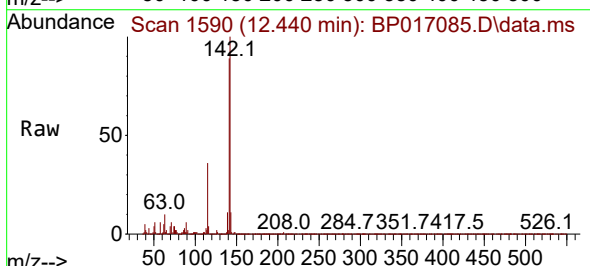
Instrument :
BNA_P
ClientSampleId :
SSTD005603

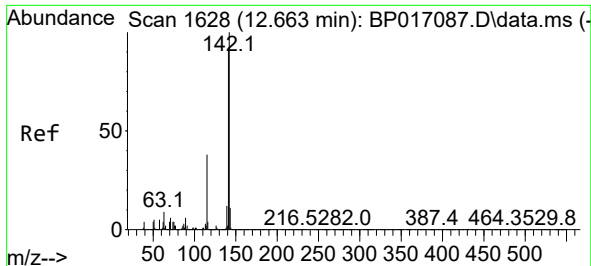
Tgt Ion:107 Resp: 74811
Ion Ratio Lower Upper
107 100
144 24.4 20.9 31.3
142 77.2 63.2 94.8



#36
2-Methylnaphthalene
Concen: 4.354 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:142 Resp: 176829
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0





#37

1-Methylnaphthalene

Concen: 4.423 ng/ul

RT: 12.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

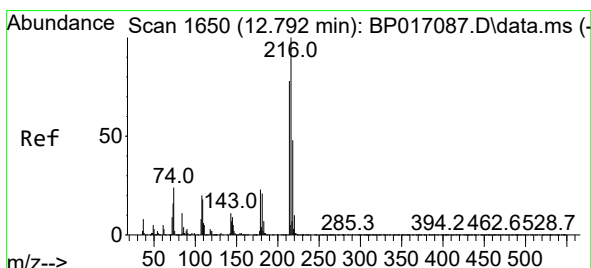
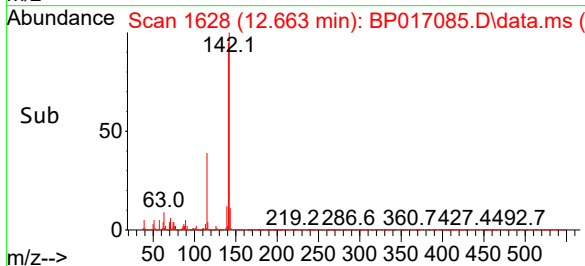
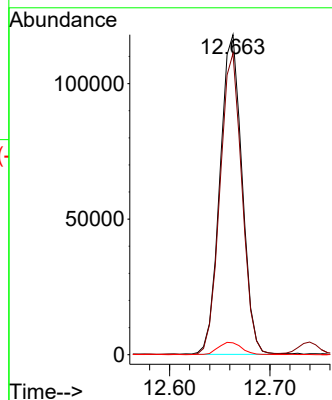
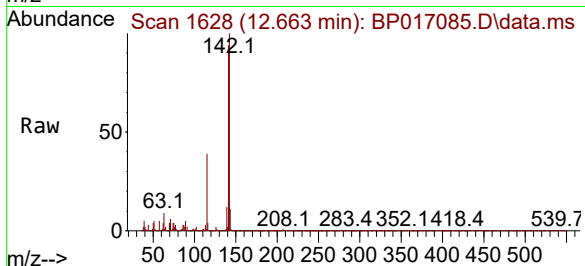
Tgt Ion:142 Resp: 180828

Ion Ratio Lower Upper

142 100

141 94.2 73.1 109.7

116 3.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.110 ng/ul

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Tgt Ion:216 Resp: 82239

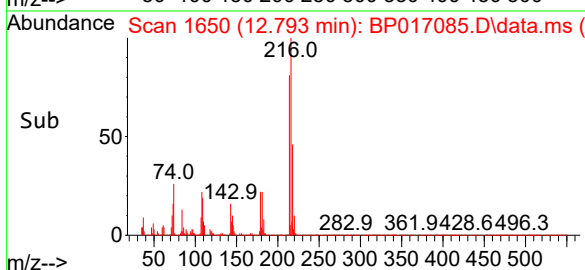
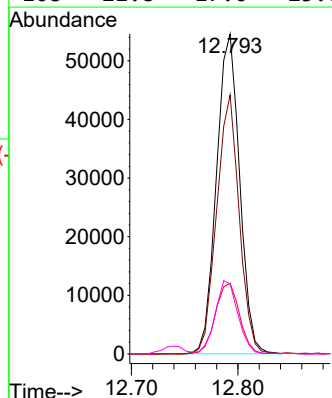
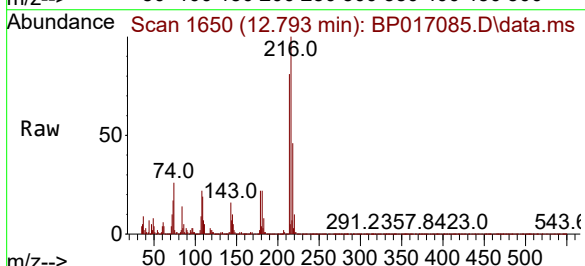
Ion Ratio Lower Upper

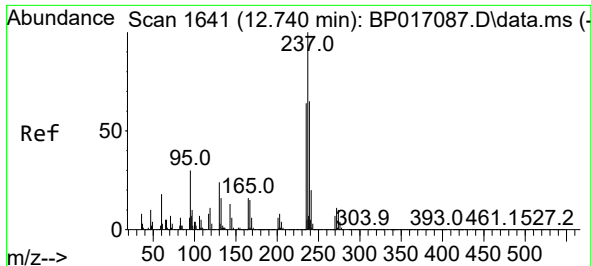
216 100

214 81.0 62.2 93.2

179 22.1 18.2 27.4

108 21.8 17.0 25.6

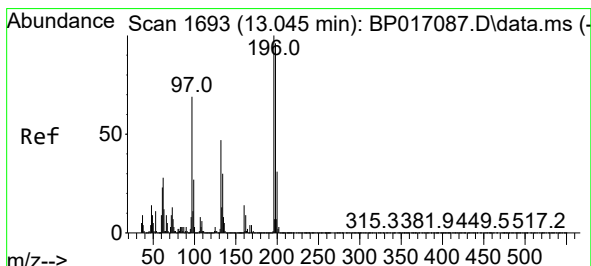
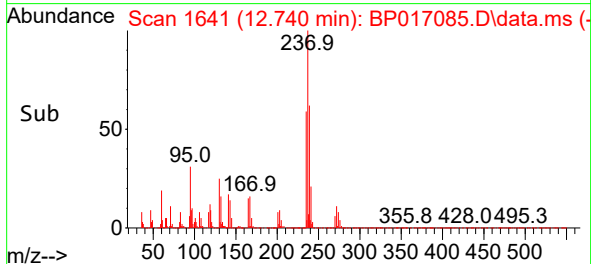
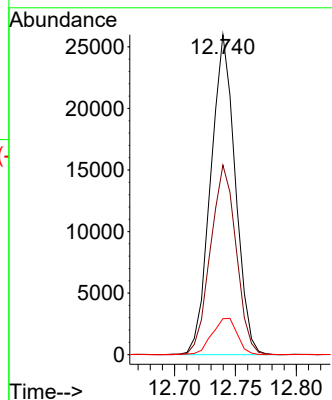
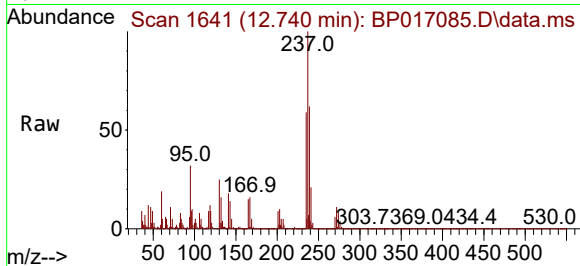




#40
Hexachlorocyclopentadiene
Concen: 2.823 ng/ul
RT: 12.740 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

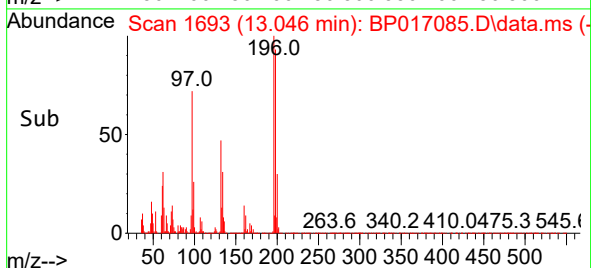
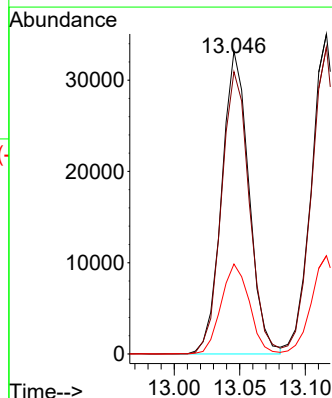
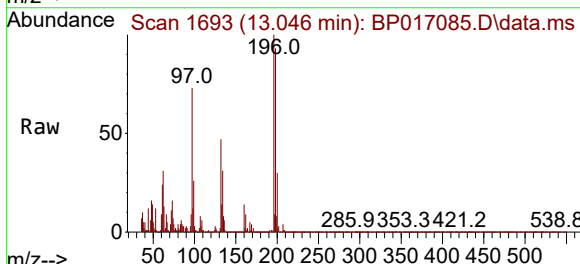
Instrument :
BNA_P
ClientSampleId :
SSTD005603

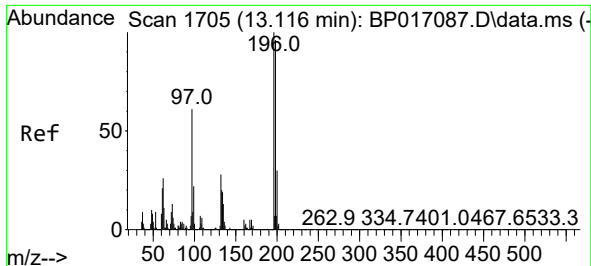
Tgt Ion:237 Resp: 36592
Ion Ratio Lower Upper
237 100
235 59.2 50.9 76.3
272 11.2 8.8 13.2



#41
2,4,6-Trichlorophenol
Concen: 3.517 ng/ul
RT: 13.046 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:196 Resp: 47894
Ion Ratio Lower Upper
196 100
198 93.2 76.7 115.1
200 29.7 24.4 36.6

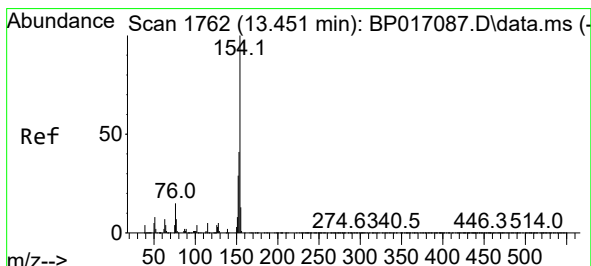
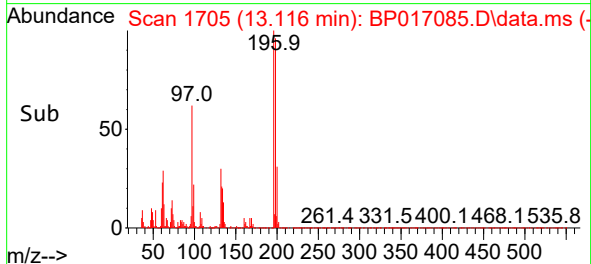
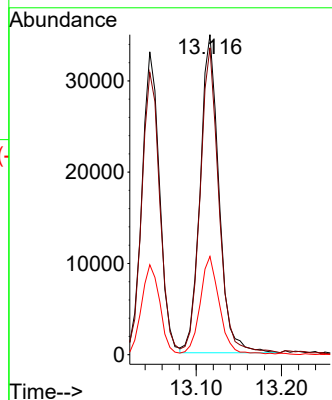
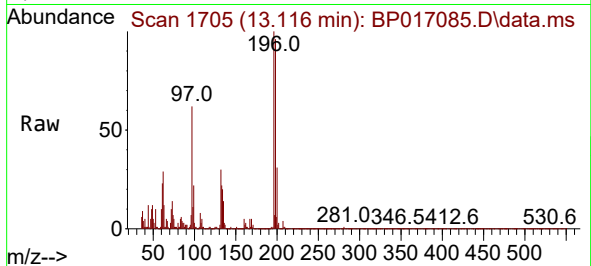




#42
2,4,5-Trichlorophenol
Concen: 3.595 ng/ul
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

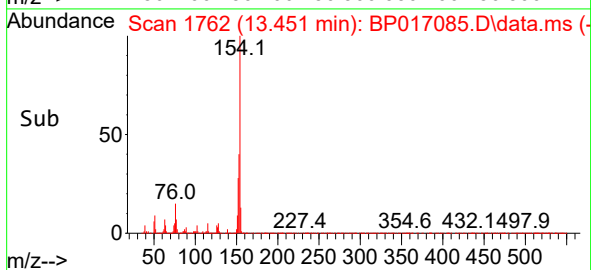
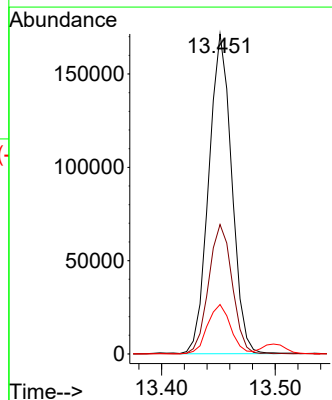
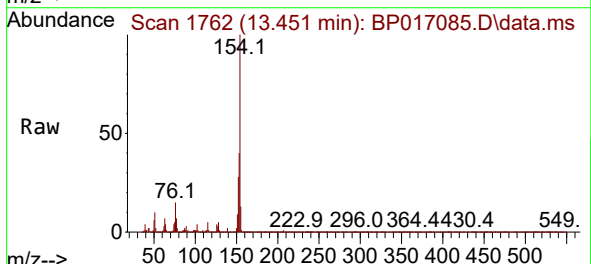
Instrument :
BNA_P
ClientSampleId :
SSTD005603

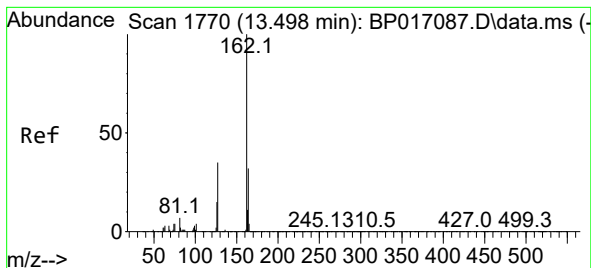
Tgt Ion:196 Resp: 53265
Ion Ratio Lower Upper
196 100
198 95.9 76.6 115.0
200 30.7 23.8 35.8



#43
1,1'-Biphenyl
Concen: 4.482 ng/ul
RT: 13.451 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:154 Resp: 240940
Ion Ratio Lower Upper
154 100
153 40.4 32.6 49.0
76 15.4 12.2 18.4

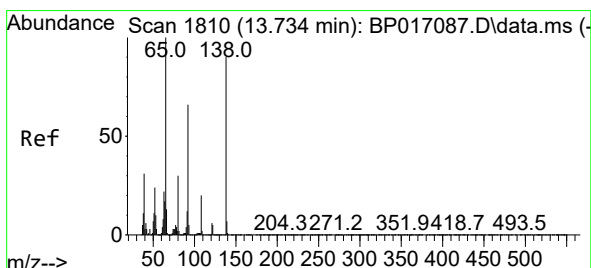
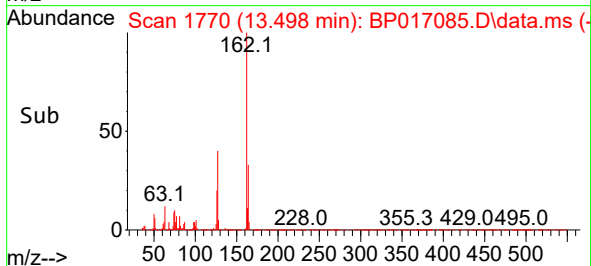
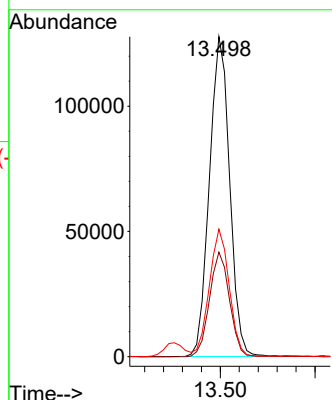
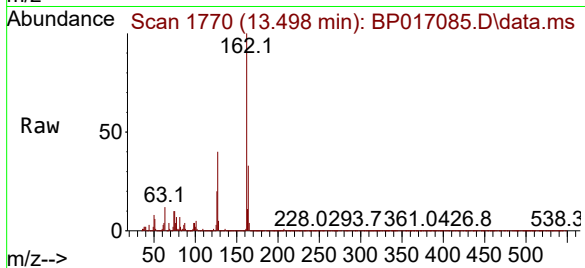




#44
2-Chloronaphthalene
Concen: 4.497 ng/ul
RT: 13.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

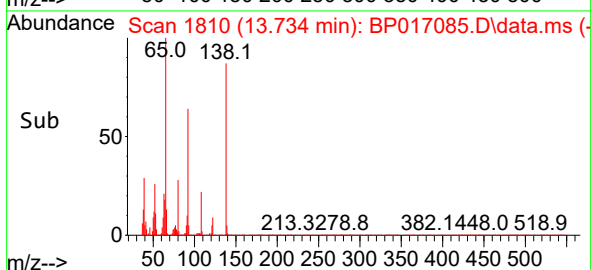
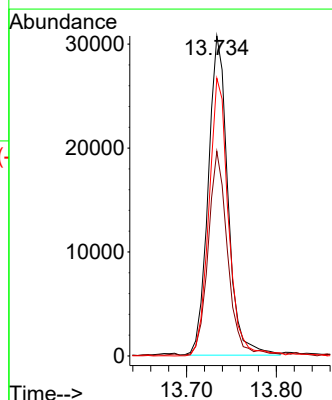
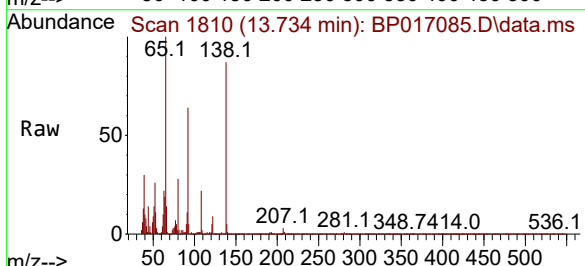
Instrument :
BNA_P
ClientSampleId :
SSTD005603

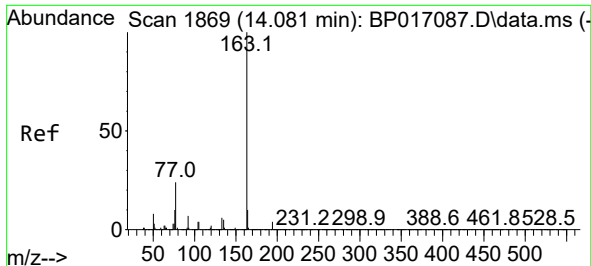
Tgt Ion:162 Resp: 189779
Ion Ratio Lower Upper
162 100
164 32.6 26.0 39.0
127 39.8 31.8 47.8



#45
2-Nitroaniline
Concen: 3.734 ng/ul
RT: 13.734 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion: 65 Resp: 46927
Ion Ratio Lower Upper
65 100
92 64.0 52.5 78.7
138 86.8 71.8 107.6

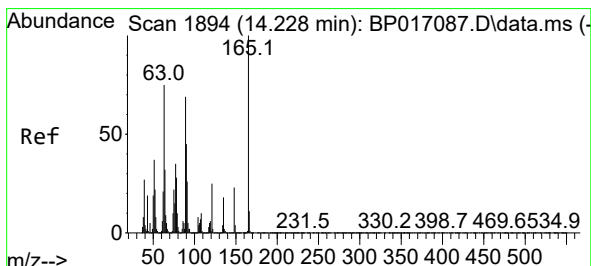
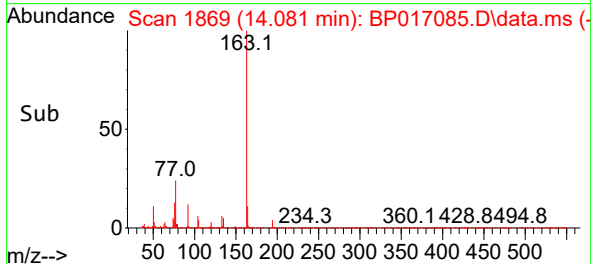
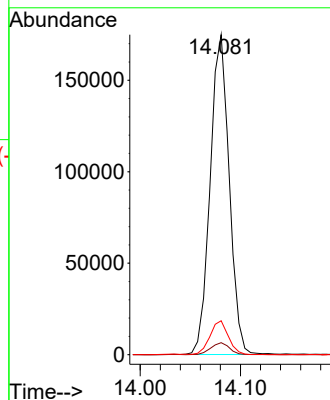
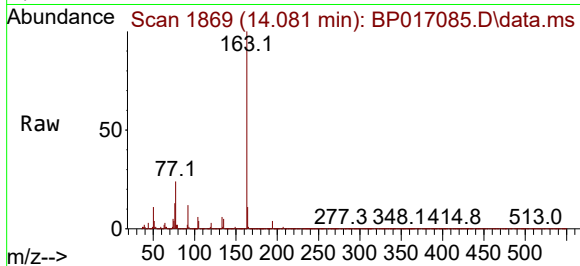




#47
Dimethylphthalate
Concen: 4.362 ng/ul
RT: 14.081 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

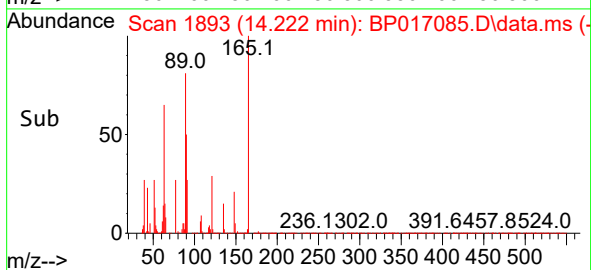
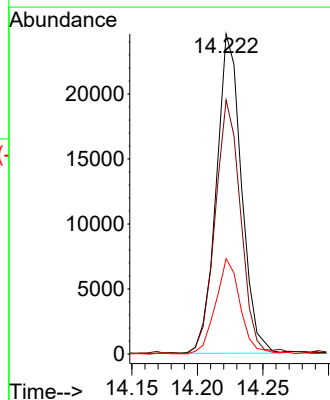
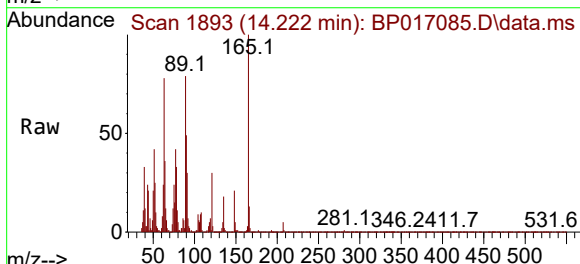
Instrument :
BNA_P
ClientSampleId :
SSTD005603

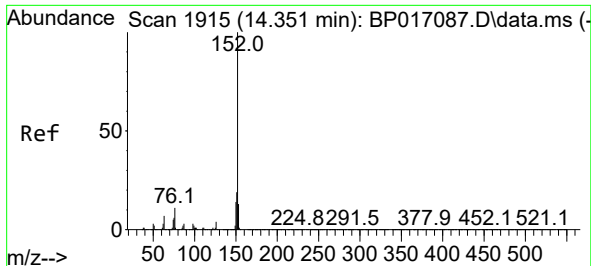
Tgt Ion:163 Resp: 231340
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.6 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 3.174 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:165 Resp: 32695
Ion Ratio Lower Upper
165 100
89 79.3 55.6 83.4
121 29.7 20.0 30.0

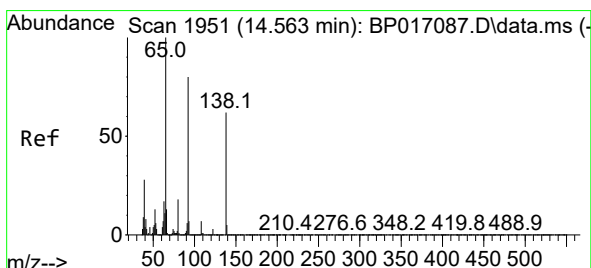
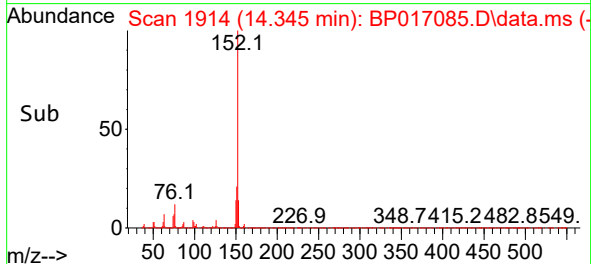
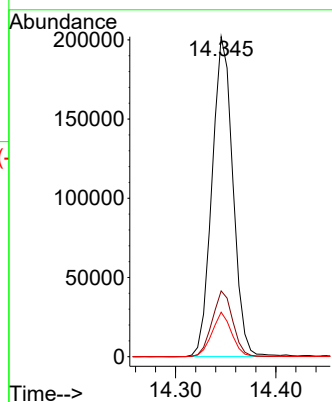
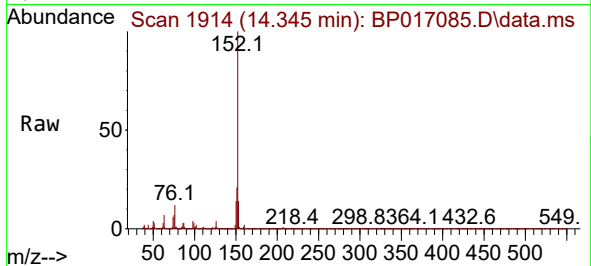




#50
Acenaphthylene
Concen: 4.461 ng/ul
RT: 14.345 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

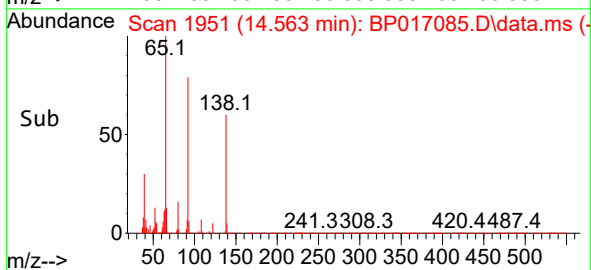
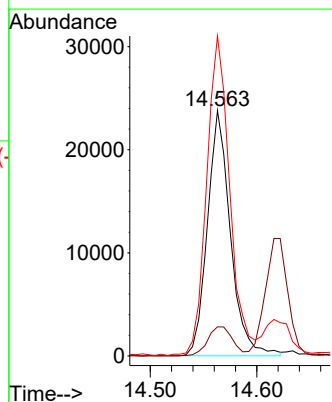
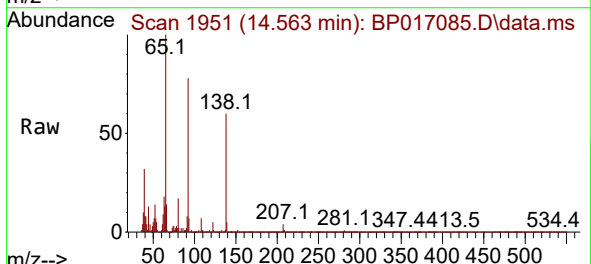
Instrument :
BNA_P
ClientSampleId :
SSTD005603

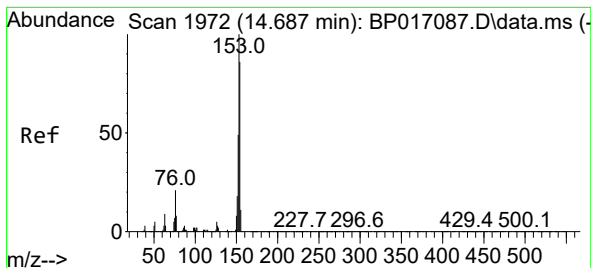
Tgt Ion:152 Resp: 291365
Ion Ratio Lower Upper
152 100
151 20.5 15.5 23.3
153 13.9 10.2 15.4



#51
3-Nitroaniline
Concen: 3.477 ng/ul
RT: 14.563 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:138 Resp: 35742
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 130.3 103.3 154.9





#52

Acenaphthene

Concen: 4.606 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

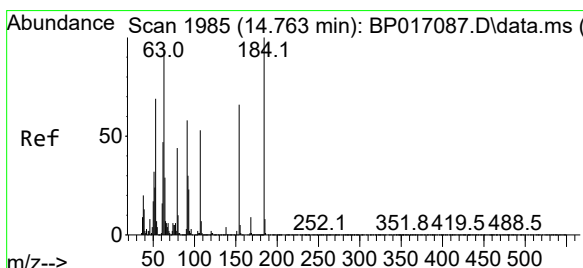
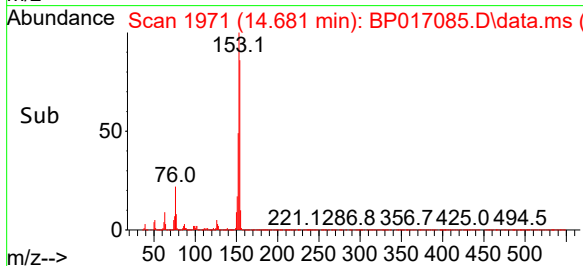
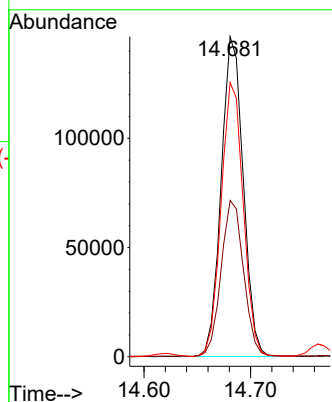
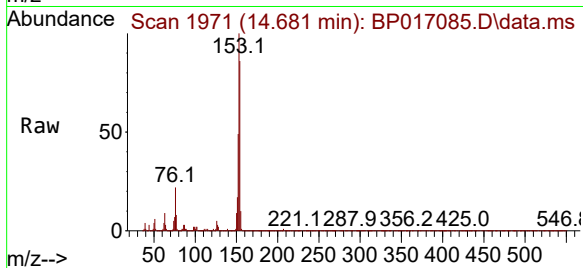
Tgt Ion:153 Resp: 209905

Ion Ratio Lower Upper

153 100

152 48.8 38.9 58.3

154 85.6 69.0 103.6



#53

2,4-Dinitrophenol

Concen: 1.944 ng/ul

RT: 14.763 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

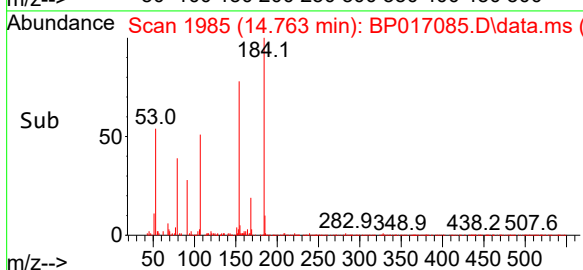
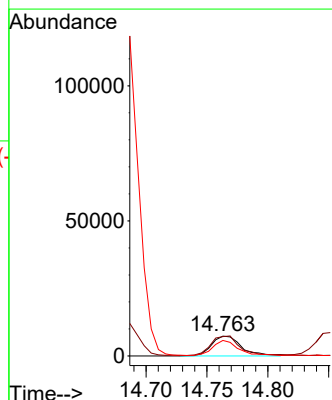
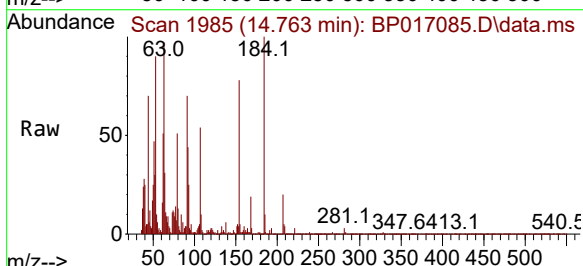
Tgt Ion:184 Resp: 12417

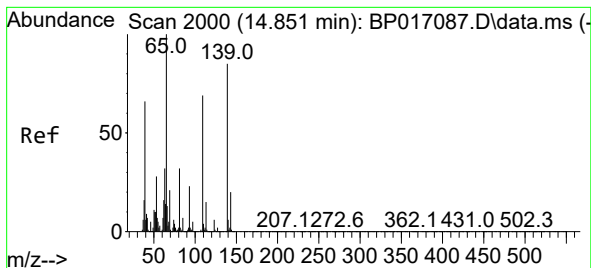
Ion Ratio Lower Upper

184 100

63 97.4 74.5 111.7

154 78.4 53.8 80.8

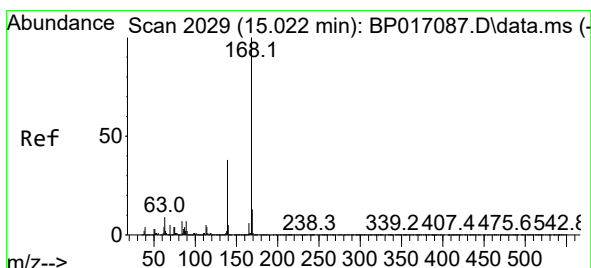
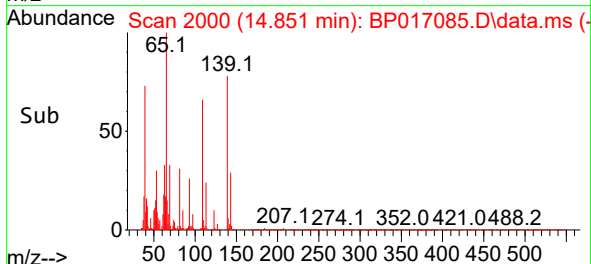
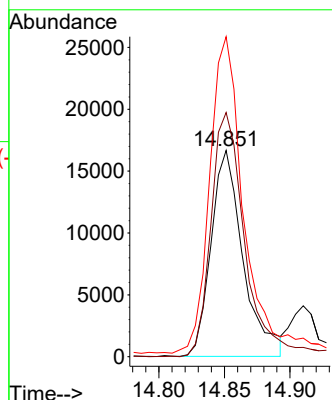
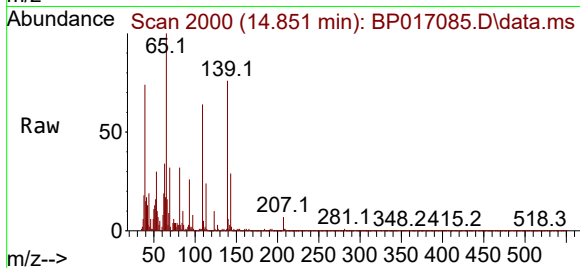




#55
4-Nitrophenol
Concen: 3.573 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

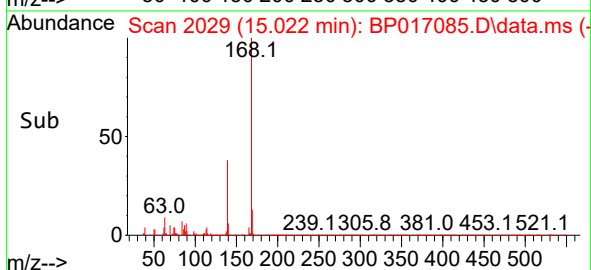
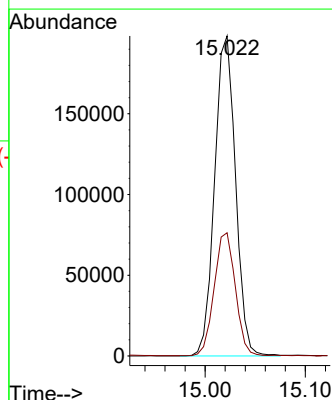
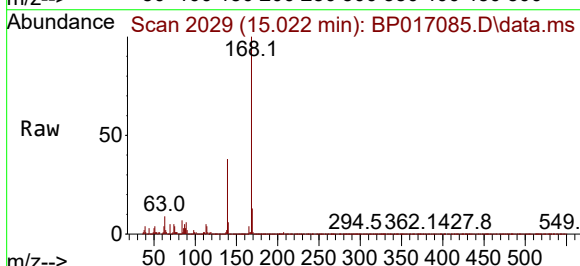
Instrument :
BNA_P
ClientSampleId :
SSTD005603

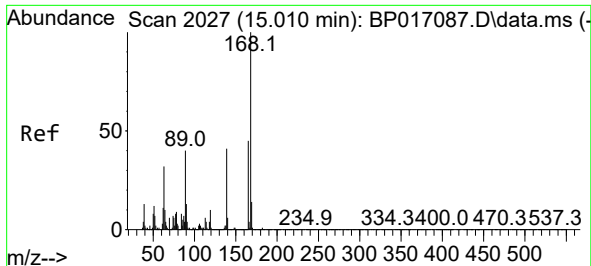
Tgt Ion:109 Resp: 28239
Ion Ratio Lower Upper
109 100
139 118.4 98.6 147.8
65 155.2 117.0 175.4



#56
Dibenzofuran
Concen: 4.574 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:168 Resp: 286630
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8





#57

2,4-Dinitrotoluene

Concen: 3.312 ng/ul

RT: 15.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNP_P

ClientSampleId :

SSTD005603

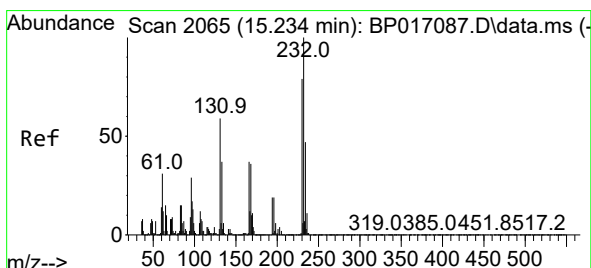
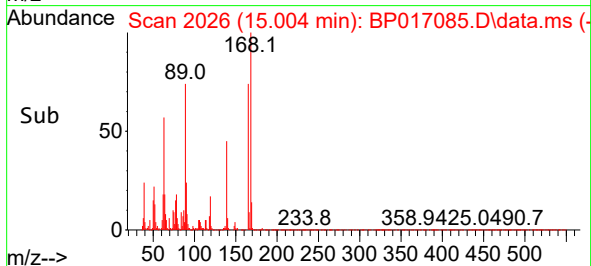
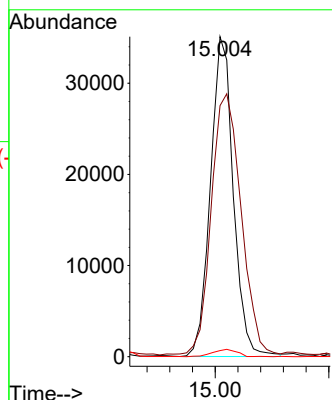
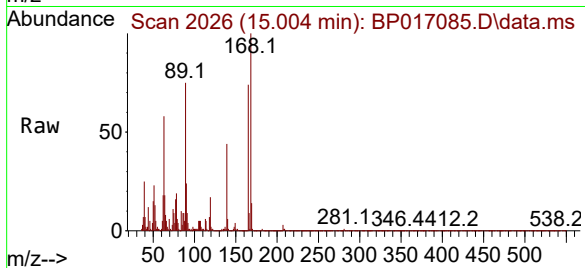
Tgt Ion:165 Resp: 48970

Ion Ratio Lower Upper

165 100

63 78.4 57.7 86.5

182 1.9 2.2 3.4#



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.388 ng/ul

RT: 15.240 min Scan# 2066

Delta R.T. 0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Tgt Ion:232 Resp: 40471

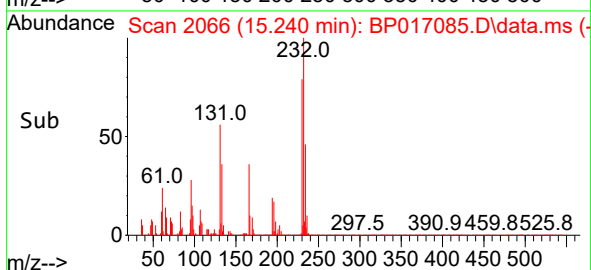
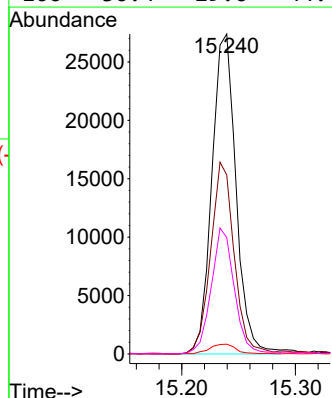
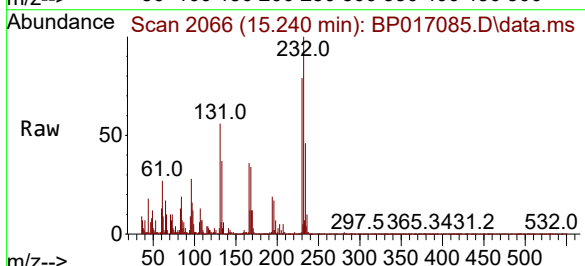
Ion Ratio Lower Upper

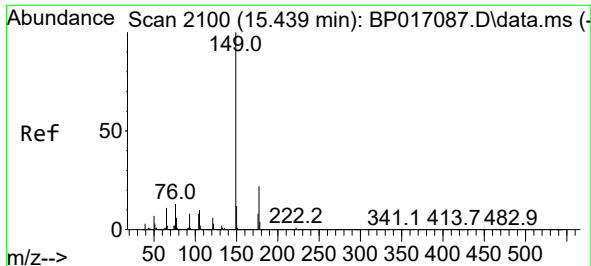
232 100

131 56.0 46.9 70.3

130 3.1 2.4 3.6

166 36.4 29.6 44.4

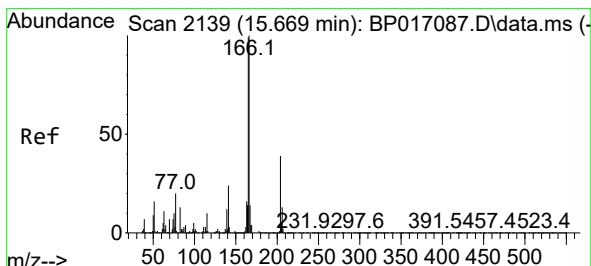
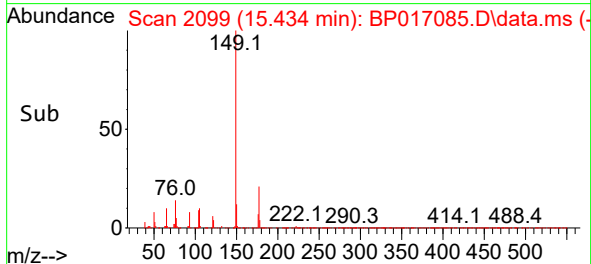
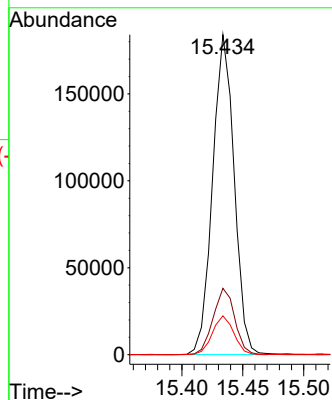
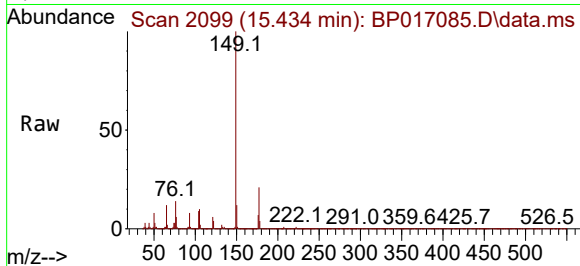




#59
Diethylphthalate
Concen: 4.273 ng/ul
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

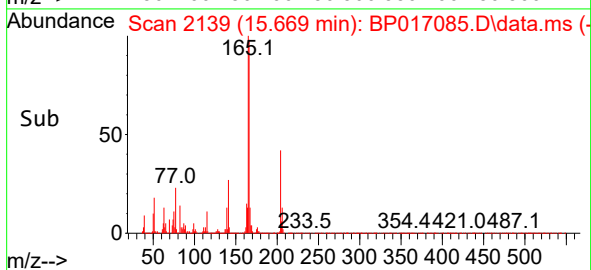
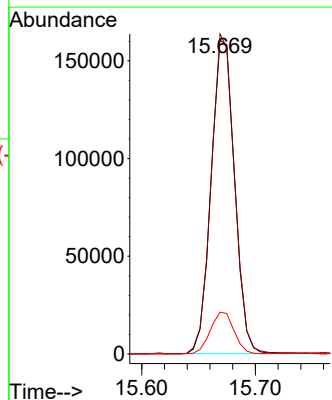
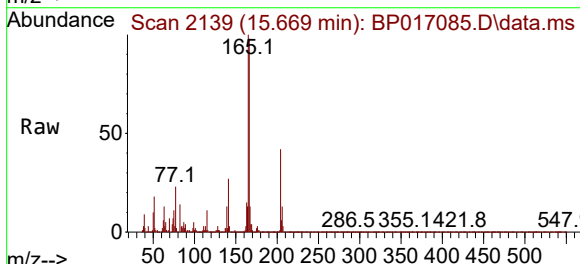
Instrument :
BNA_P
ClientSampleId :
SSTD005603

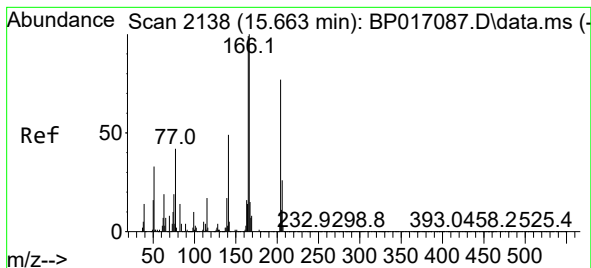
Tgt Ion:149 Resp: 226481
Ion Ratio Lower Upper
149 100
177 20.8 17.4 26.0
150 12.1 9.5 14.3



#61
Fluorene
Concen: 4.455 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:166 Resp: 230159
Ion Ratio Lower Upper
166 100
165 102.0 78.8 118.2
167 13.3 10.9 16.3

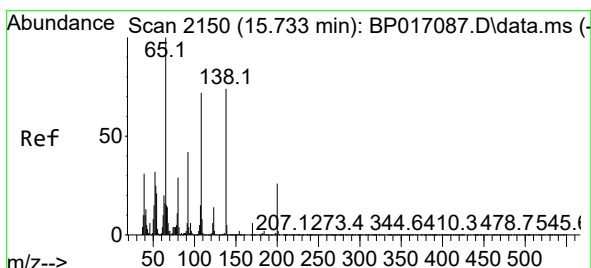
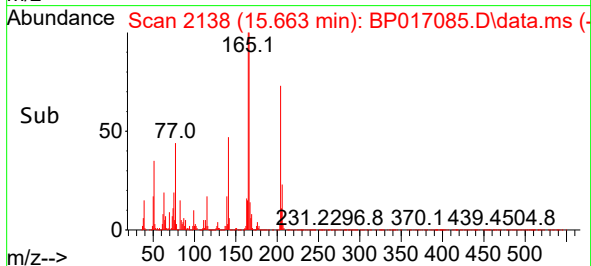
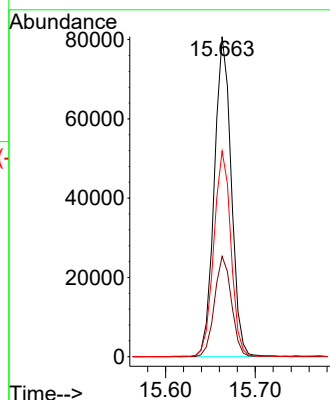
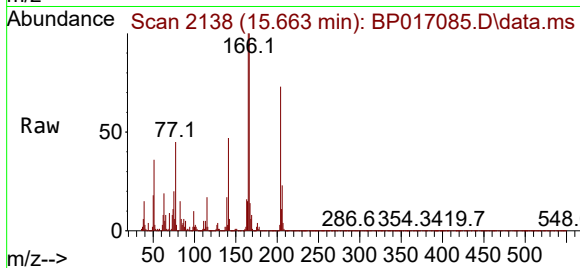




#62
4-Chlorophenyl-phenylether
Concen: 4.238 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

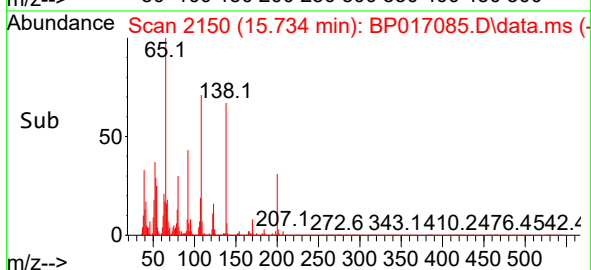
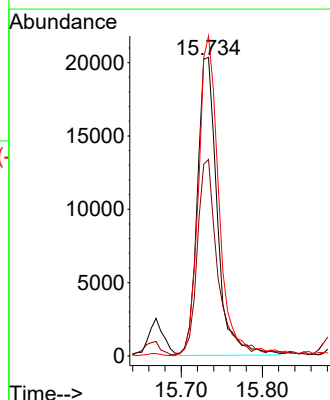
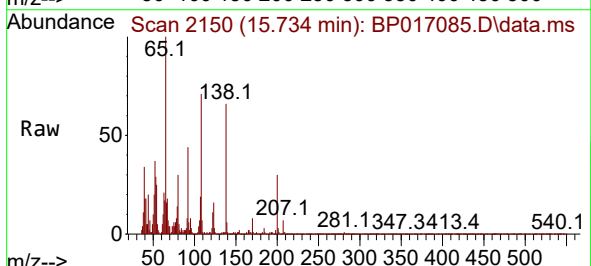
Instrument :
BNA_P
ClientSampleId :
SSTD005603

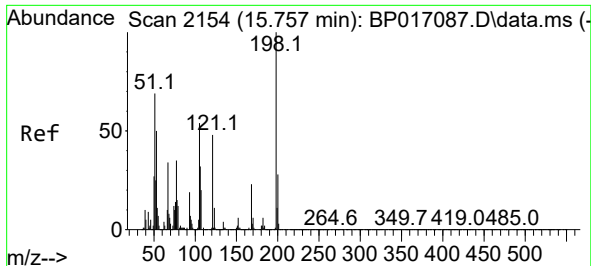
Tgt Ion:204 Resp: 105823
Ion Ratio Lower Upper
204 100
206 31.4 26.6 40.0
141 64.3 50.6 76.0



#63
4-Nitroaniline
Concen: 3.818 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:138 Resp: 34510
Ion Ratio Lower Upper
138 100
92 65.8 45.0 67.6
108 107.2 77.2 115.8

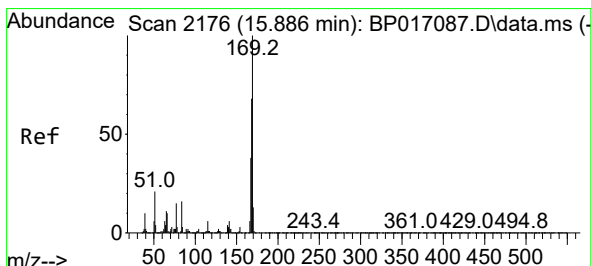
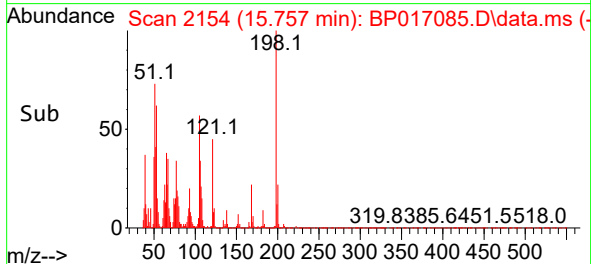
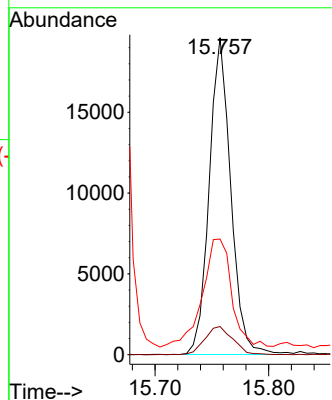
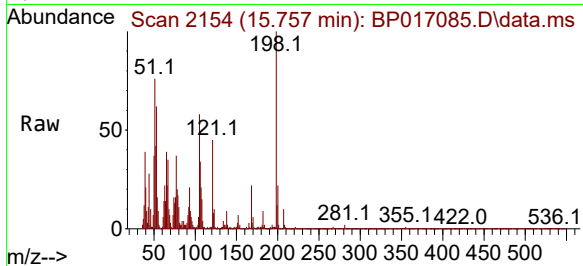




#66
4,6-Dinitro-2-methylphenol
Concen: 2.816 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

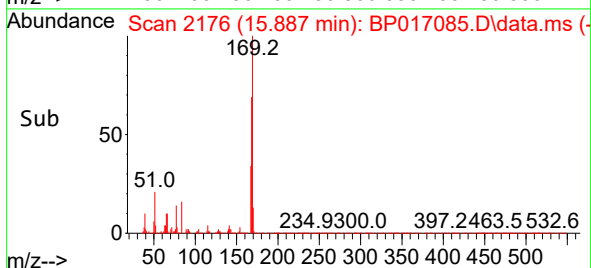
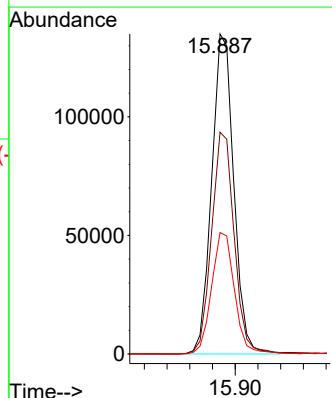
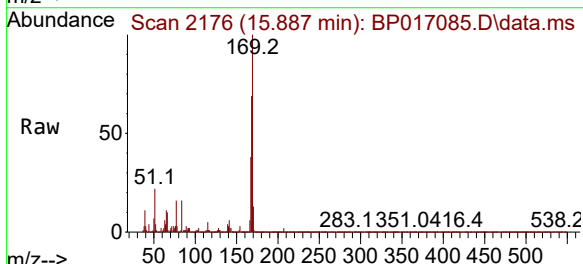
Instrument :
BNA_P
ClientSampleId :
SSTD005603

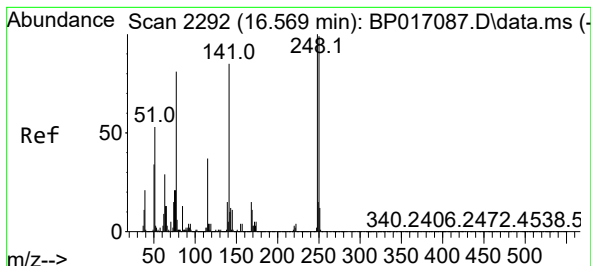
Tgt Ion:198 Resp: 25819
Ion Ratio Lower Upper
198 100
182 8.9 4.7 7.1#
77 36.5 29.6 44.4



#67
N-Nitrosodiphenylamine
Concen: 4.154 ng/ul
RT: 15.887 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:169 Resp: 182165
Ion Ratio Lower Upper
169 100
168 69.3 54.5 81.7
167 38.0 30.4 45.6

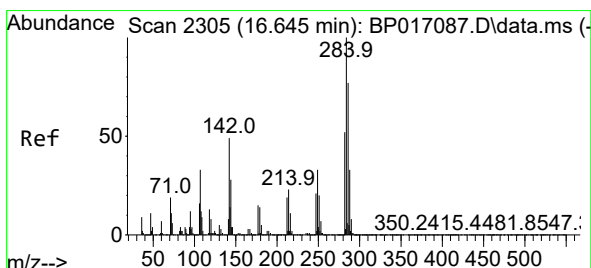
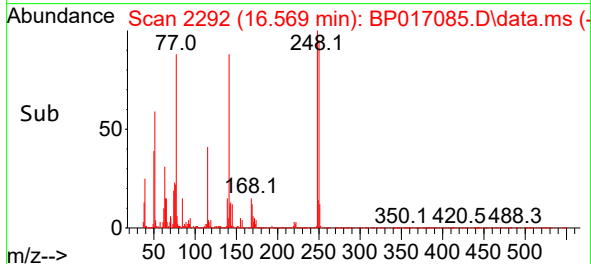
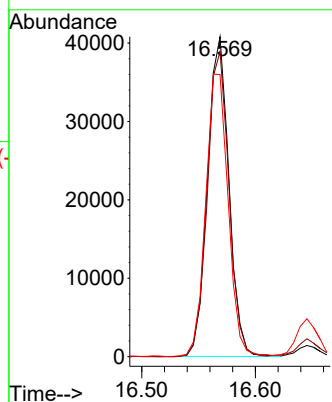
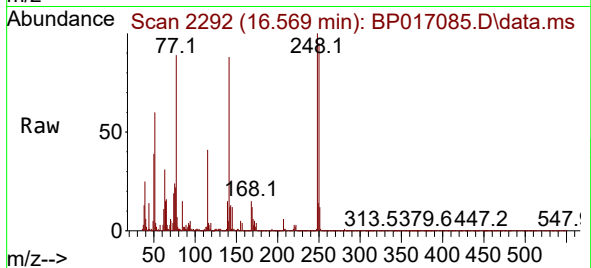




#68
4-Bromophenyl-phenylether
Concen: 3.686 ng/ul
RT: 16.569 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

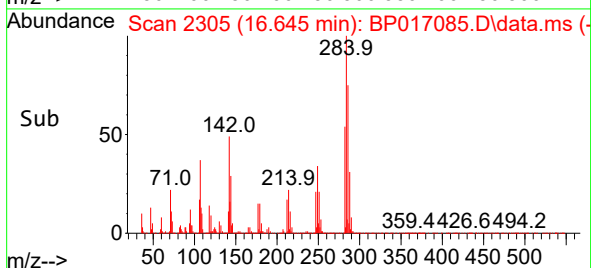
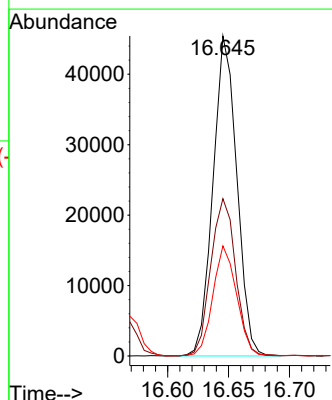
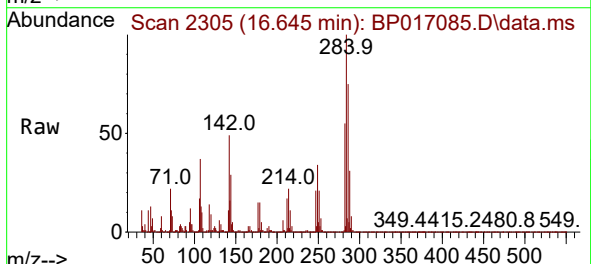
Instrument :
BNA_P
ClientSampleId :
SSTD005603

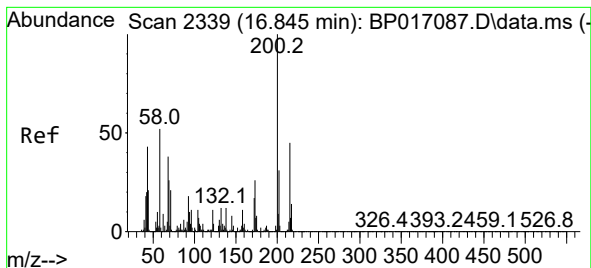
Tgt Ion:248 Resp: 53328
Ion Ratio Lower Upper
248 100
250 95.4 78.9 118.3
141 88.1 67.9 101.9



#69
Hexachlorobenzene
Concen: 3.896 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:284 Resp: 61786
Ion Ratio Lower Upper
284 100
142 49.2 38.9 58.3
249 34.4 26.1 39.1





#70

Atrazine

Concen: 3.618 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

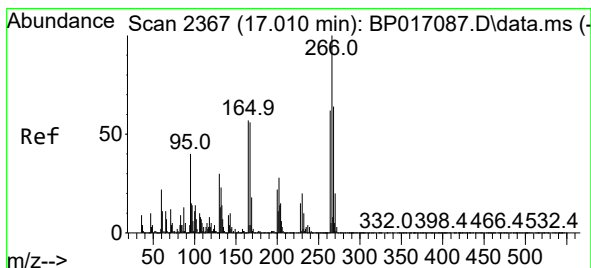
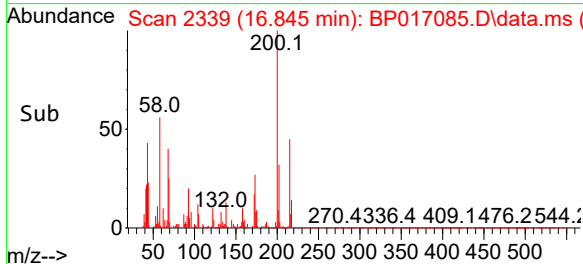
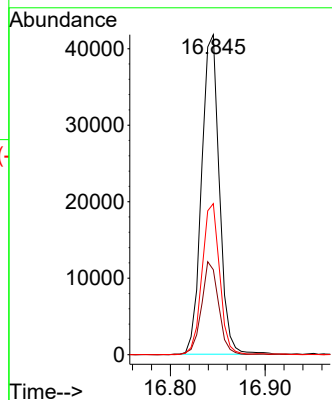
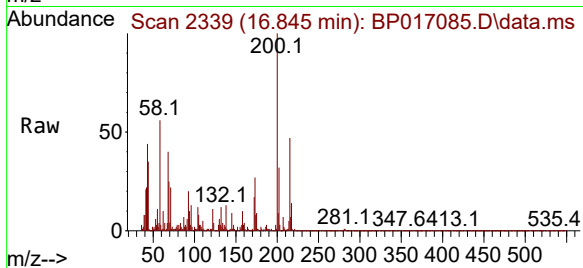
Tgt Ion:200 Resp: 54325

Ion Ratio Lower Upper

200 100

173 26.6 21.0 31.4

215 47.2 35.9 53.9



#71

Pentachlorophenol

Concen: 2.847 ng/ul

RT: 17.016 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

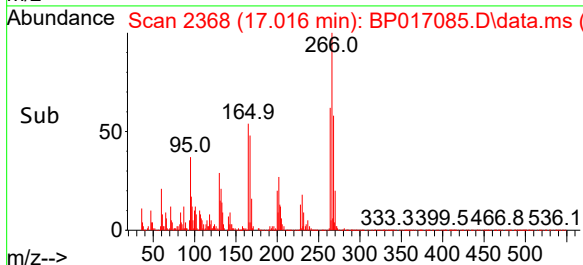
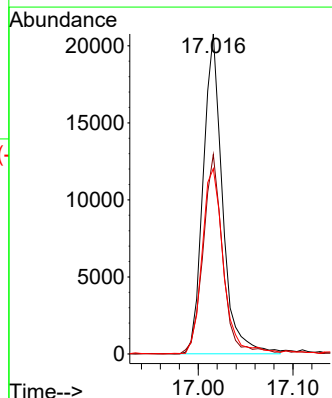
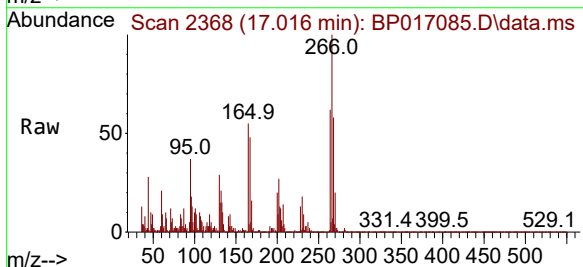
Tgt Ion:266 Resp: 29446

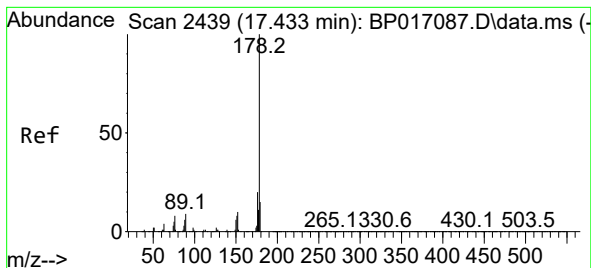
Ion Ratio Lower Upper

266 100

264 62.3 49.8 74.8

268 57.9 50.9 76.3





#72

Phenanthrene

Concen: 4.518 ng/ul

RT: 17.434 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

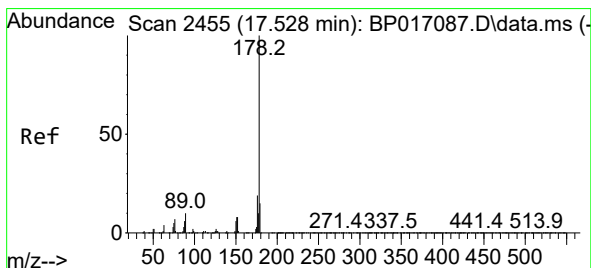
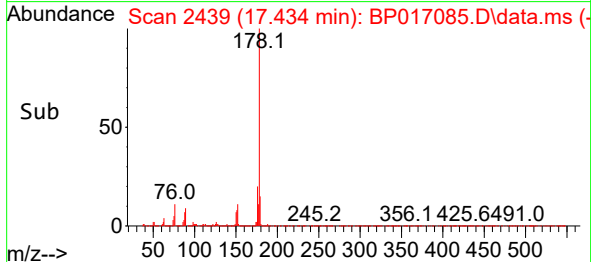
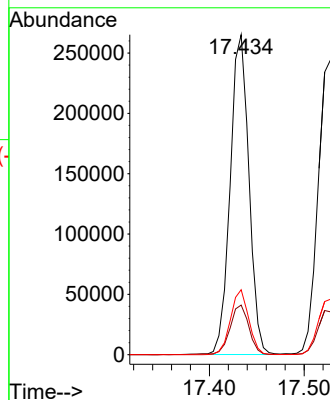
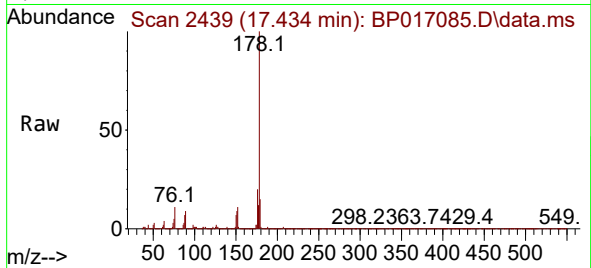
Tgt Ion:178 Resp: 365101

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 20.3 15.8 23.8



#74

Anthracene

Concen: 4.344 ng/ul

RT: 17.528 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

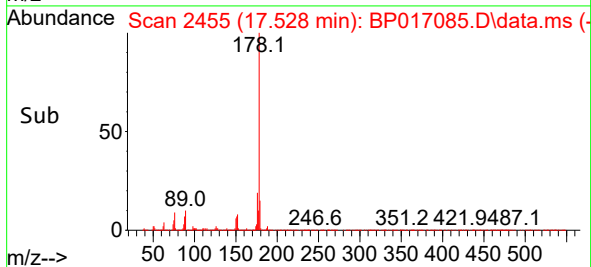
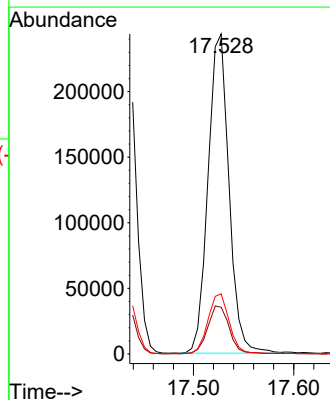
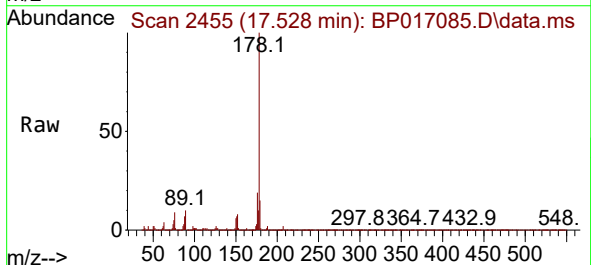
Tgt Ion:178 Resp: 352876

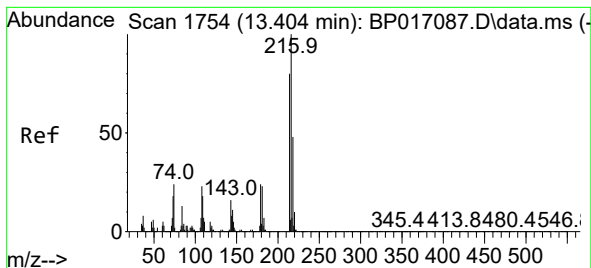
Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

176 18.8 15.4 23.2

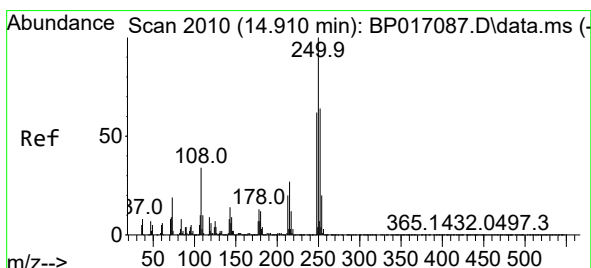
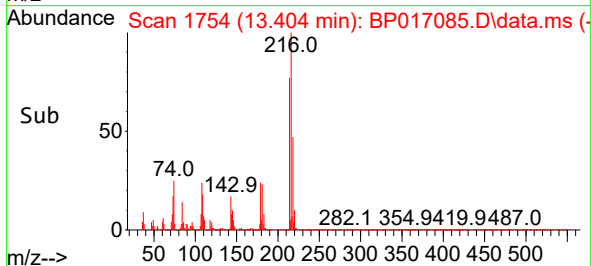
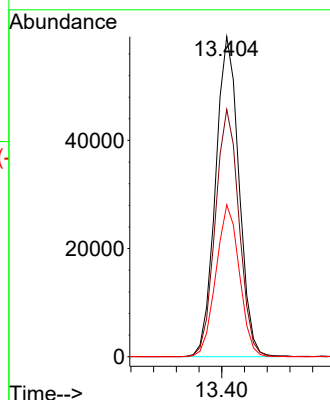
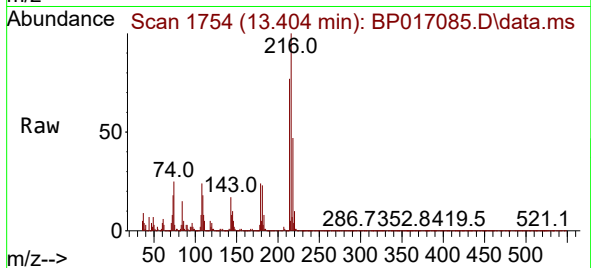




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.099 ng/uL
RT: 13.404 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

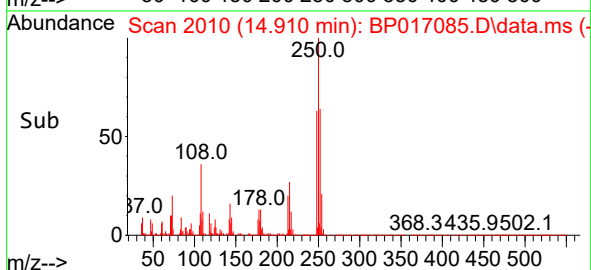
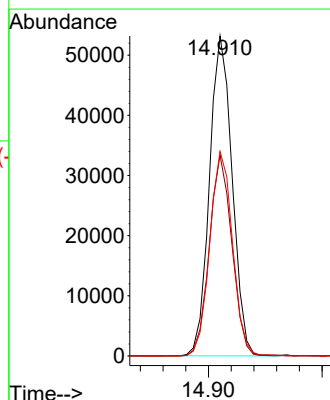
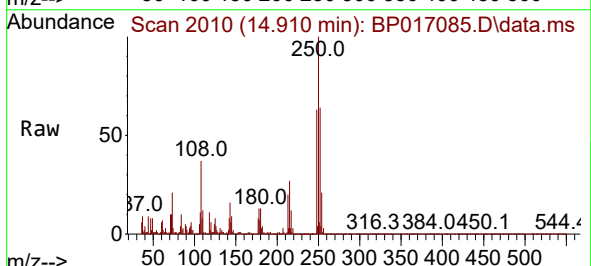
Instrument :
BNA_P
ClientSampleId :
SSTD005603

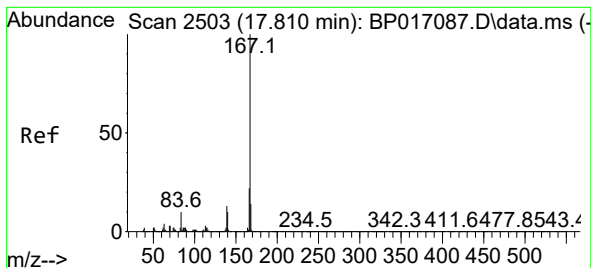
Tgt Ion:216 Resp: 84917
Ion Ratio Lower Upper
216 100
214 77.3 63.8 95.6
218 47.5 38.1 57.1



#76
Pentachlorobenzene
Concen: 3.698 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP017085.D
Acq: 11 Sep 2023 02:31

Tgt Ion:250 Resp: 73792
Ion Ratio Lower Upper
250 100
248 62.8 49.9 74.9
252 63.9 51.4 77.0





#77

Carbazole

Concen: 4.256 ng/ul

RT: 17.810 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

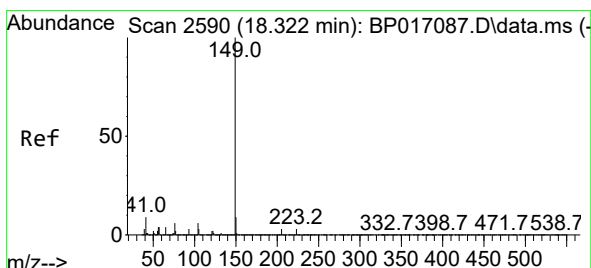
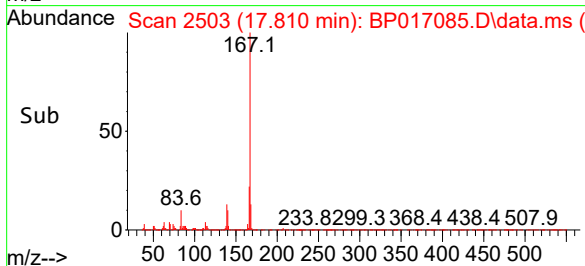
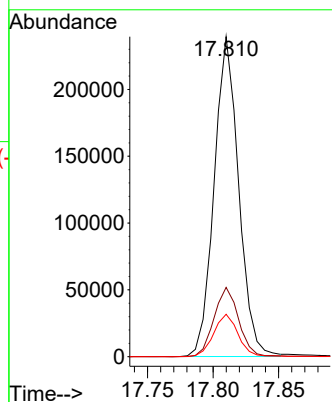
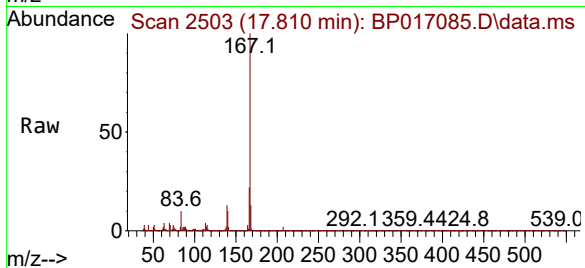
Tgt Ion:167 Resp: 310716

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

139 13.3 10.8 16.2



#78

Di-n-butylphthalate

Concen: 3.657 ng/ul

RT: 18.322 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

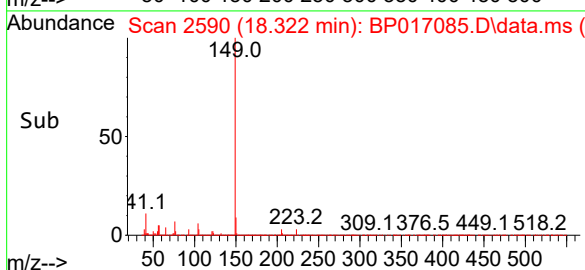
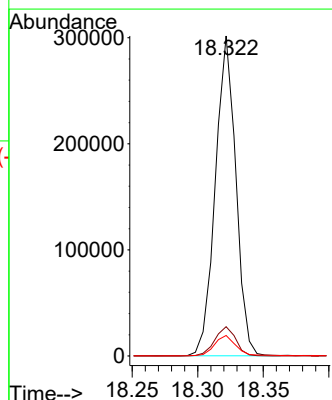
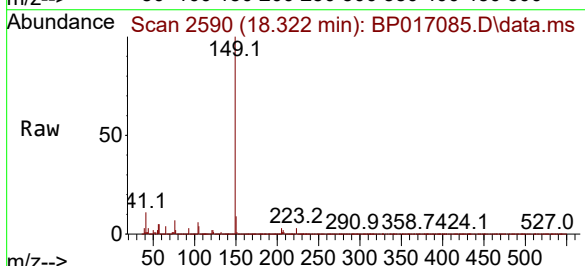
Tgt Ion:149 Resp: 327109

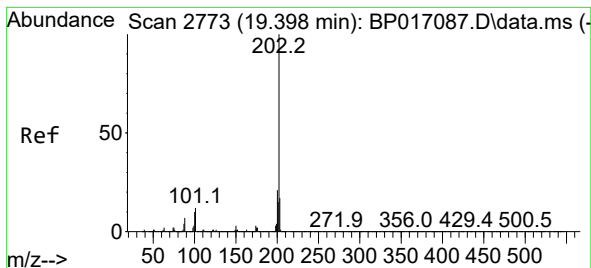
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 6.4 4.7 7.1





#80

Fluoranthene

Concen: 3.718 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

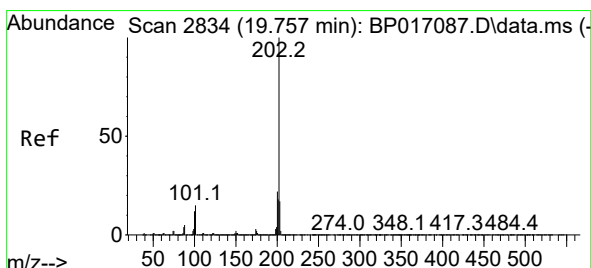
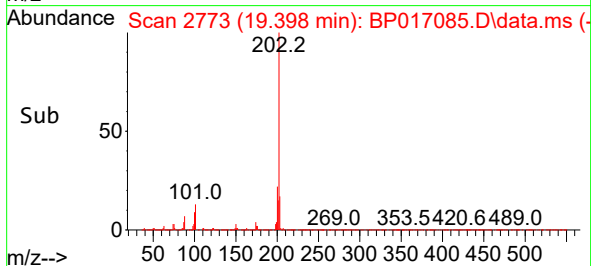
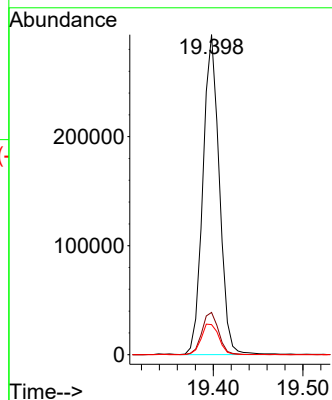
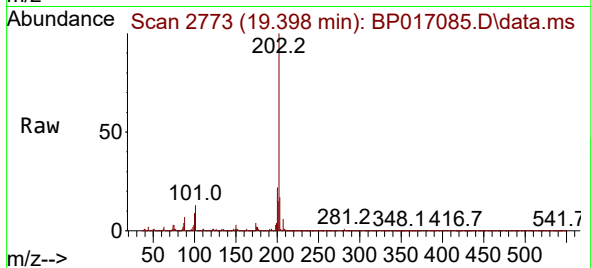
Tgt Ion:202 Resp: 372646

Ion Ratio Lower Upper

202 100

101 13.2 9.9 14.9

100 9.4 7.8 11.8



#82

Pyrene

Concen: 3.943 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

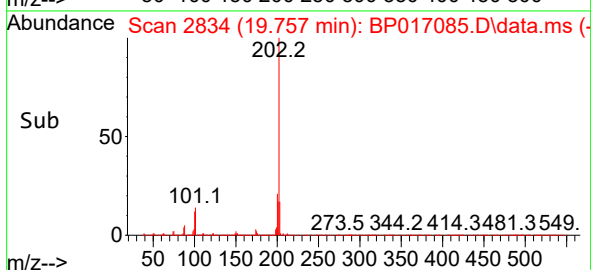
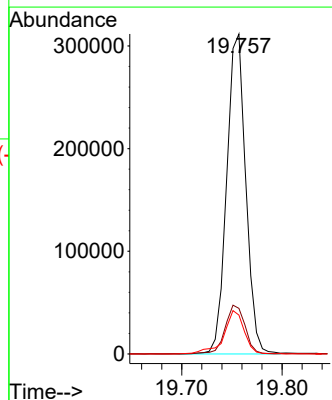
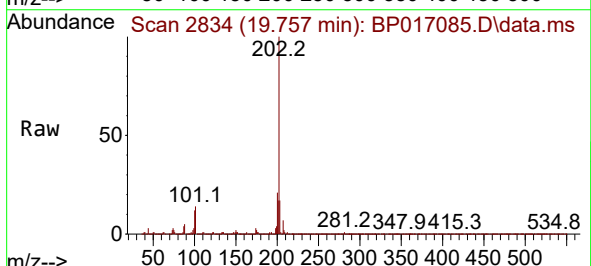
Tgt Ion:202 Resp: 410346

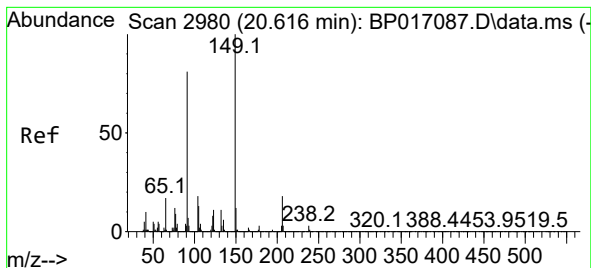
Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

100 12.2 9.8 14.6





#83

Butylbenzylphthalate

Concen: 3.236 ng/ul

RT: 20.616 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

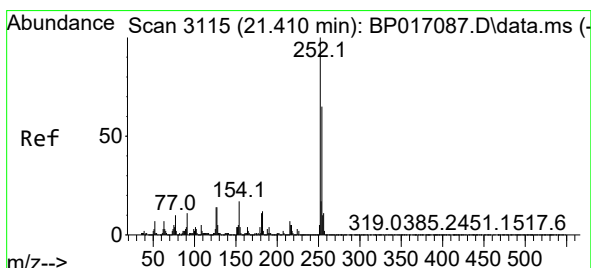
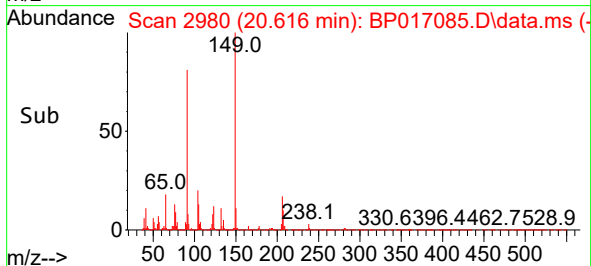
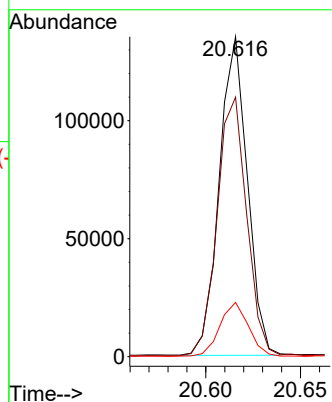
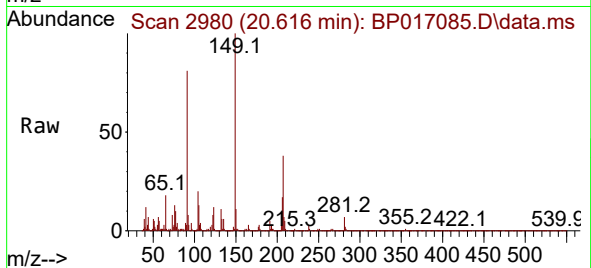
Tgt Ion:149 Resp: 139265

Ion Ratio Lower Upper

149 100

91 81.1 64.6 96.8

206 17.0 14.6 22.0



#84

3,3'-Dichlorobenzidine

Concen: 3.455 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

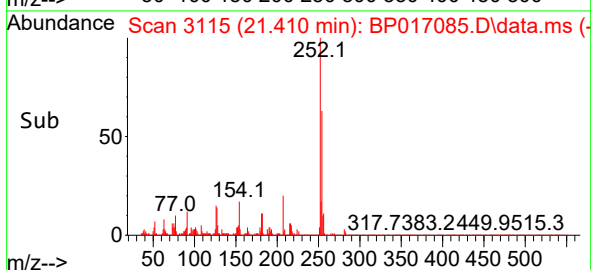
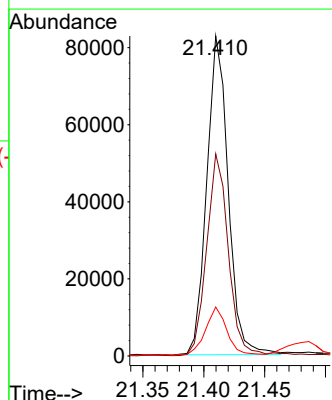
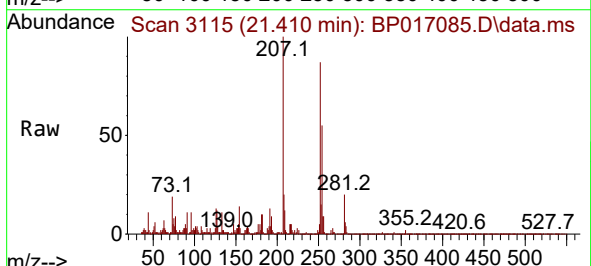
Tgt Ion:252 Resp: 101040

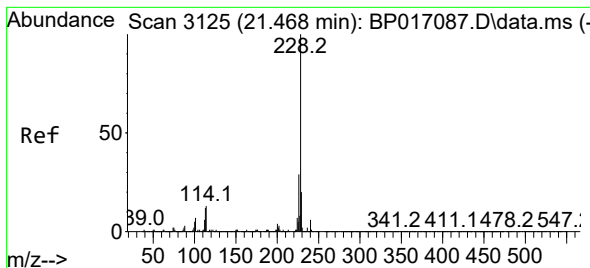
Ion Ratio Lower Upper

252 100

254 63.2 51.7 77.5

126 15.3 11.5 17.3





#85

Benzo(a)anthracene

Concen: 4.376 ng/ul

RT: 21.469 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

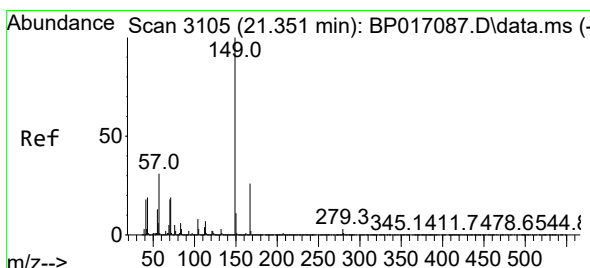
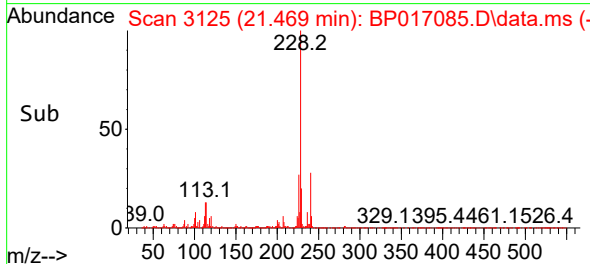
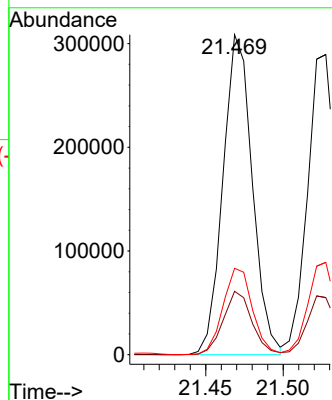
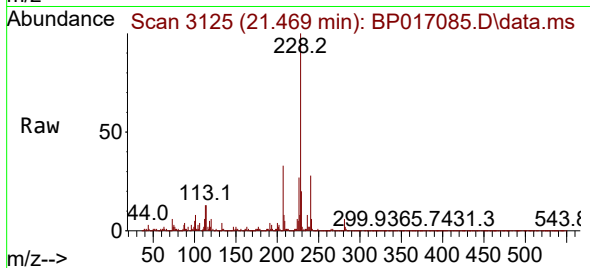
Tgt Ion:228 Resp: 406150

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

226 27.0 22.9 34.3



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.339 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

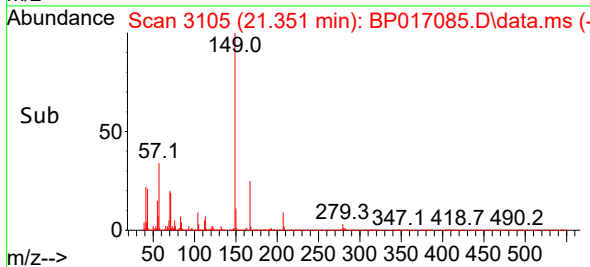
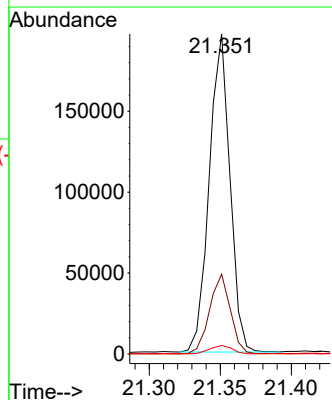
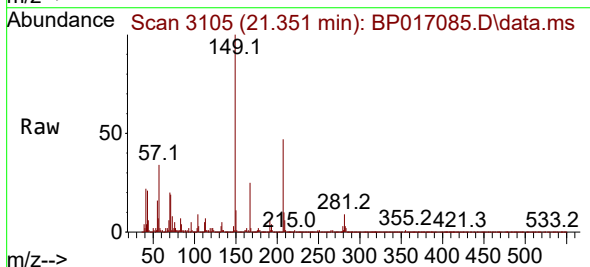
Tgt Ion:149 Resp: 198503

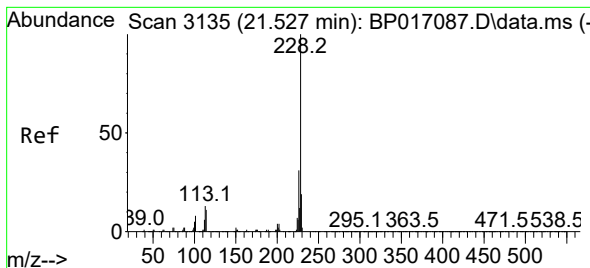
Ion Ratio Lower Upper

149 100

167 25.0 20.8 31.2

279 2.7 2.6 3.8





#87

Chrysene

Concen: 4.399 ng/ul

RT: 21.527 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

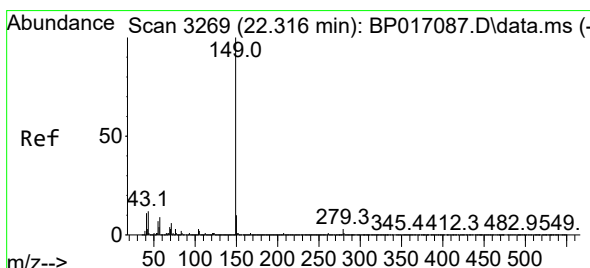
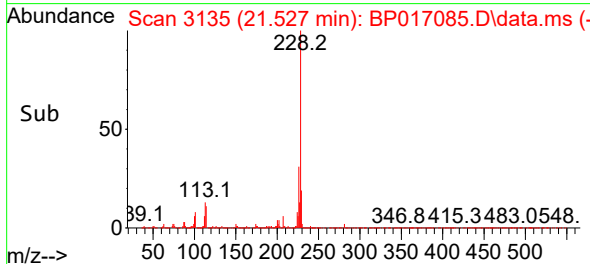
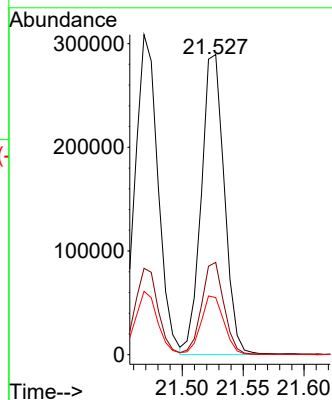
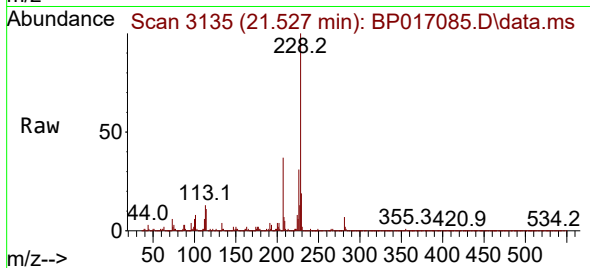
Tgt Ion:228 Resp: 381979

Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 19.0 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 2.900 ng/ul

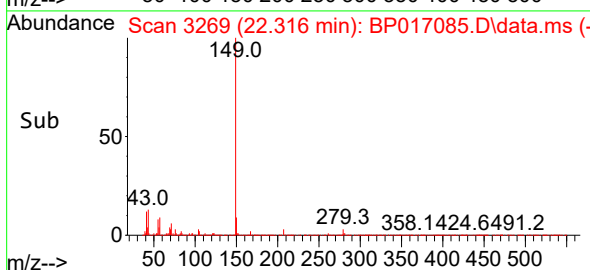
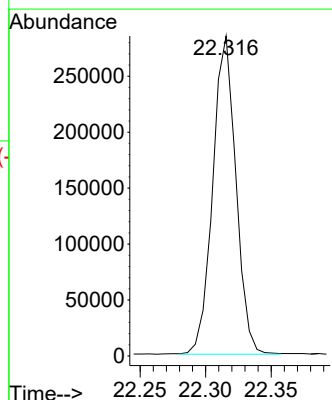
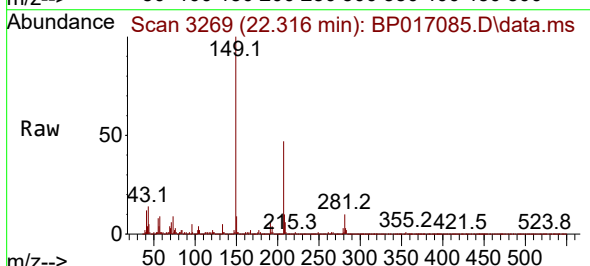
RT: 22.316 min Scan# 3269

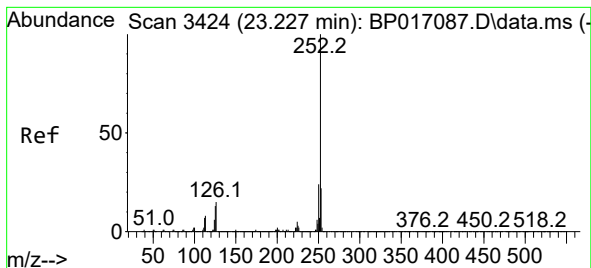
Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Tgt Ion:149 Resp: 349119





#90

Benzo(b)fluoranthene

Concen: 3.753 ng/ul

RT: 23.227 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

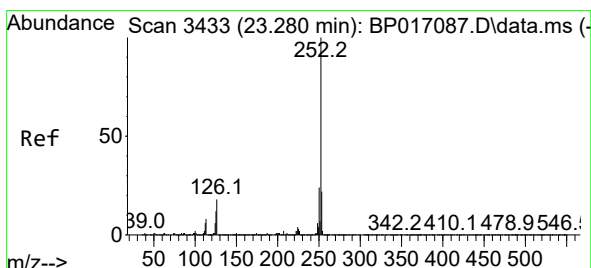
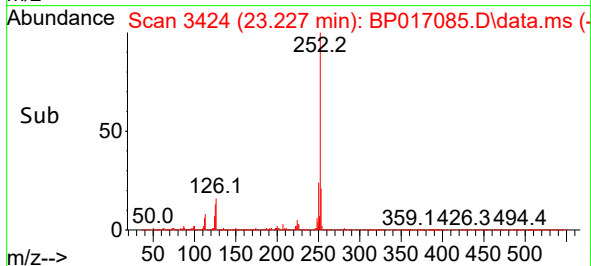
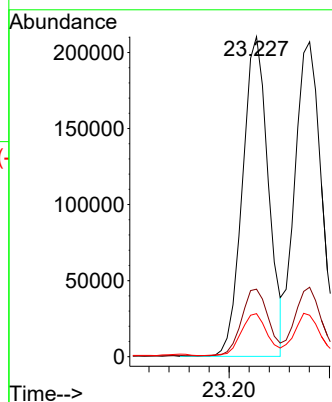
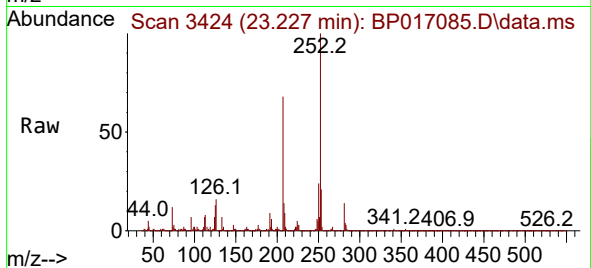
Tgt Ion:252 Resp: 376591

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

125 13.5 10.3 15.5



#91

Benzo(k)fluoranthene

Concen: 3.902 ng/ul

RT: 23.280 min Scan# 3433

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

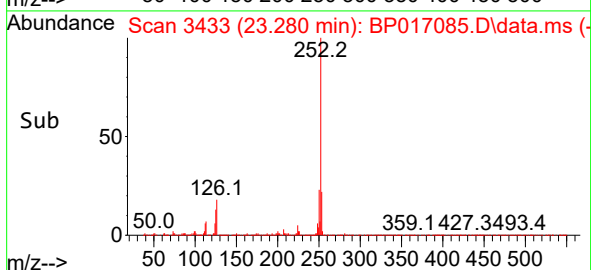
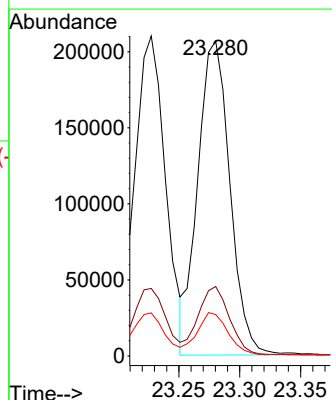
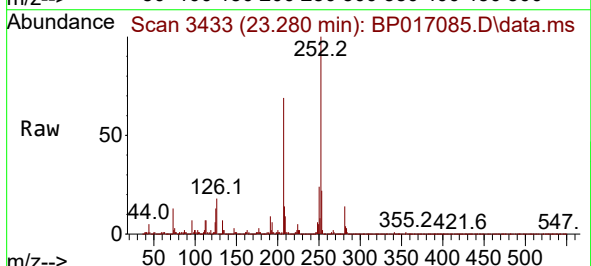
Tgt Ion:252 Resp: 379078

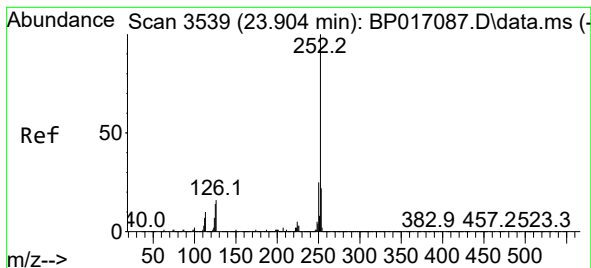
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.2 10.0 15.0





#93

Benzo(a)pyrene

Concen: 4.219 ng/ul

RT: 23.898 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

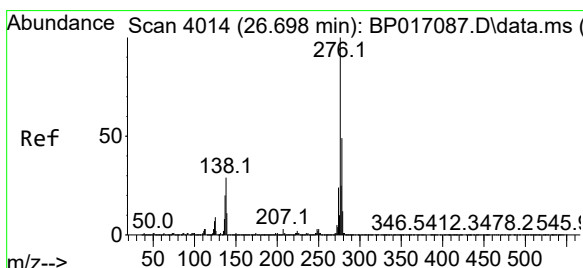
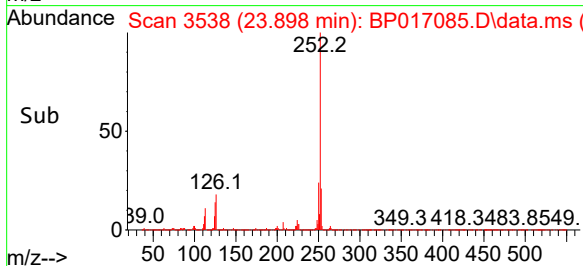
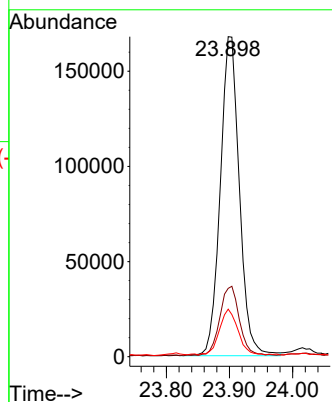
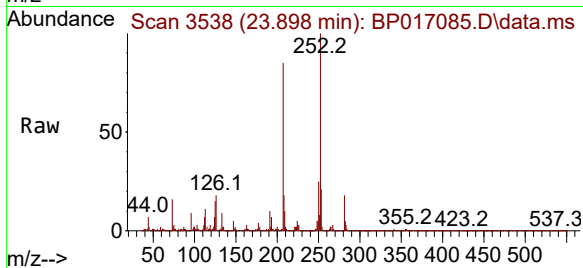
Tgt Ion:252 Resp: 353104

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 14.8 11.3 16.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.554 ng/ul

RT: 26.692 min Scan# 4013

Delta R.T. -0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

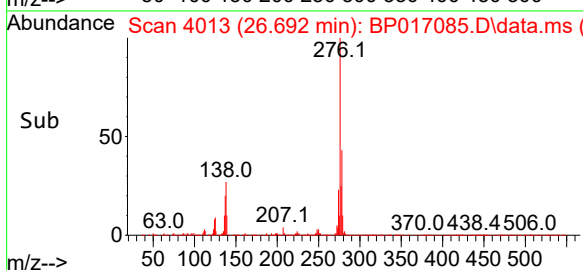
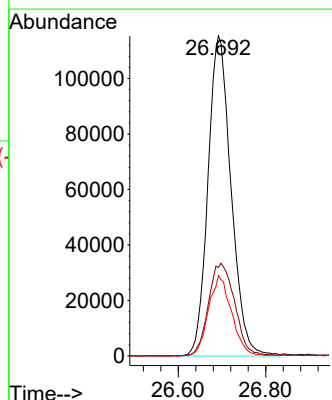
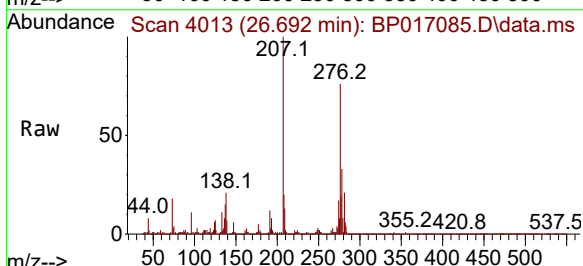
Tgt Ion:276 Resp: 423063

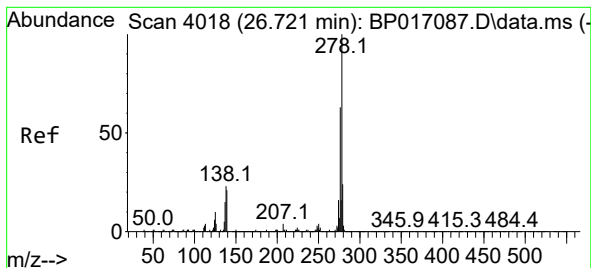
Ion Ratio Lower Upper

276 100

138 27.7 23.4 35.2

277 25.2 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 4.580 ng/ul

RT: 26.721 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Instrument :

BNA_P

ClientSampleId :

SSTD005603

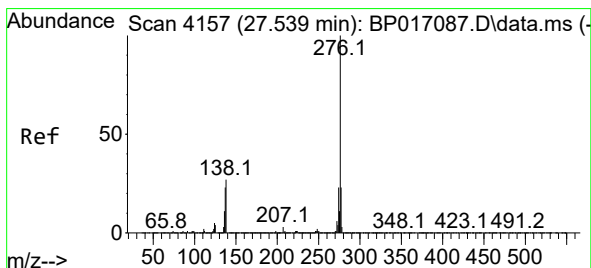
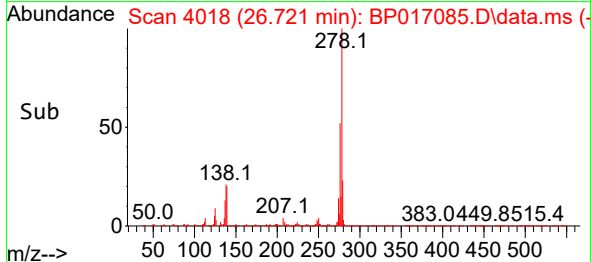
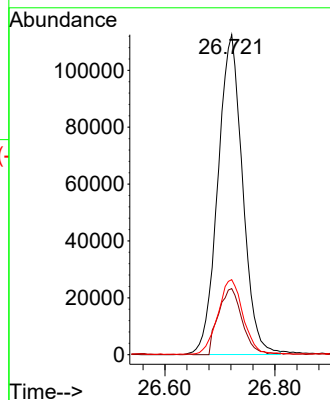
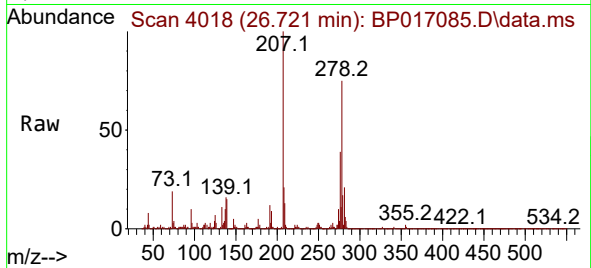
Tgt Ion:278 Resp: 351163

Ion Ratio Lower Upper

278 100

139 20.6 16.5 24.7

279 23.4 19.2 28.8



#96

Benzo(g,h,i)perylene

Concen: 4.551 ng/ul

RT: 27.533 min Scan# 4156

Delta R.T. -0.006 min

Lab File: BP017085.D

Acq: 11 Sep 2023 02:31

Tgt Ion:276 Resp: 333165

Ion Ratio Lower Upper

276 100

138 26.7 22.0 33.0

277 25.3 18.7 28.1

