

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017889.D
 Acq On : 02 Nov 2023 16:39
 Operator : MA/JU
 Sample : 04996-20MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4937MSD

Quant Time: Nov 02 23:37:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	120037	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.704	136	454928	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.575	164	267979	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.363	188	556679	20.000	ng/u1	-0.01
79) Chrysene-d12	21.516	240	473760	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	486412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	12140	3.762	ng/uL	0.01
4) Pyridine-d5	3.699	84	85007	10.062	ng/u1	0.00
7) Phenol-d5	7.040	99	61803	6.187	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	188307	30.525	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	190569	23.391	ng/u1	-0.01
15) 4-Methylphenol-d8	8.599	113	114773	14.632	ng/u1	-0.01
21) Nitrobenzene-d5	9.081	128	123997	33.637	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.799	143	138136	33.915	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	227752	28.506	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.881	131	298966	28.593	ng/u1	-0.01
46) Dimethylphthalate-d6	13.993	166	762208	33.882	ng/u1	-0.01
49) Acenaphthylene-d8	14.269	160	839112	33.447	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.834	143	15437	4.816	ng/u1	0.00
60) Fluorene-d10	15.581	176	630793	32.438	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	128157	34.951	ng/u1	0.00
73) Anthracene-d10	17.469	188	976353	34.321	ng/u1	0.00
81) Pyrene-d10	19.728	212	1127369	37.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	954906	35.247	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	20054	5.859	ng/uL#	92
5) Pyridine	3.723	79	103233	11.927	ng/u1	97
6) Benzaldehyde	7.040	77	205742	38.288	ng/u1	98
8) Phenol	7.069	94	77930	7.913	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.316	93	299752	36.480	ng/u1	98
12) 2-Chlorophenol	7.428	128	235522	28.783	ng/u1	98
13) 2-Methylphenol	8.328	108	162728	21.893	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	201439	19.917	ng/u1	98
16) Acetophenone	8.734	105	477573	38.725	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.699	70	225350	38.525	ng/u1	98
18) 4-Methylphenol	8.663	108	147383	18.672	ng/u1	94
19) Hexachloroethane	8.934	117	150510	40.032	ng/u1	87
22) Nitrobenzene	9.128	77	388504	42.327	ng/u1	99
23) Isophorone	9.634	82	704904	42.947	ng/u1	98
25) 2-Nitrophenol	9.828	139	169663	39.025	ng/u1#	86
26) 2,4-Dimethylphenol	9.875	107	223264	26.165	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.128	93	401000	39.501	ng/u1	96
29) 2,4-Dichlorophenol	10.352	162	270571	35.415	ng/u1	94
30) Naphthalene	10.757	128	993129	37.934	ng/u1	100
32) 4-Chloroaniline	10.904	127	327040	32.663	ng/u1	99
33) Hexachlorobutadiene	10.975	225	223616	36.047	ng/u1	98
34) Caprolactam	11.751	113	11874	6.036	ng/u1	98
35) 4-Chloro-3-methylphenol	12.016	107	259640	36.097	ng/u1	89
36) 2-Methylnaphthalene	12.375	142	678978	38.394	ng/u1	98

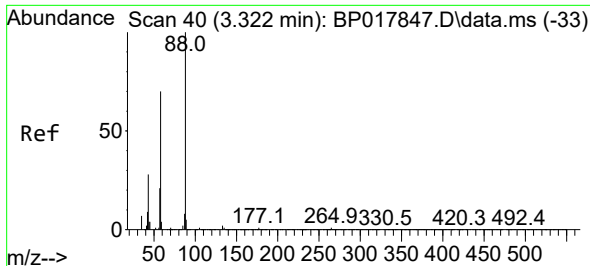
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.599	142	668354	36.955	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	377645	38.084	ng/ul	97
40) Hexachlorocyclopentadiene	12.669	237	164150	28.813	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	239214	40.197	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	244628	39.760	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	885139	40.092	ng/ul	100
44) 2-Chloronaphthalene	13.446	162	711996	39.894	ng/ul	96
45) 2-Nitroaniline	13.698	65	228726	56.397	ng/ul	92
47) Dimethylphthalate	14.040	163	923123	41.636	ng/ul	100
48) 2,6-Dinitrotoluene	14.193	165	195200	47.833	ng/ul	92
50) Acenaphthylene	14.298	152	1154293	41.075	ng/ul	100
51) 3-Nitroaniline	14.540	138	175021	45.094	ng/ul	99
52) Acenaphthene	14.640	153	762349	40.129	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	90482	39.498	ng/ul#	85
56) Dibenzoofuran	14.981	168	1053199	39.487	ng/ul	92
57) 2,4-Dinitrotoluene	14.987	165	285338	47.376	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	219298	40.165	ng/ul#	87
59) Diethylphthalate	15.404	149	965952	45.124	ng/ul	99
61) Fluorene	15.640	166	896267	40.908	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.628	204	456256	39.180	ng/ul#	90
63) 4-Nitroaniline	15.716	138	169595	48.446	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.745	198	161934	41.232	ng/ul#	94
67) N-Nitrosodiphenylamine	15.863	169	744076	44.120	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	270382	41.511	ng/ul#	91
69) Hexachlorobenzene	16.622	284	302696	40.480	ng/ul	95
70) Atrazine	16.828	200	244688	39.476	ng/ul	98
71) Pentachlorophenol	16.992	266	175659	39.073	ng/ul	98
72) Phenanthrene	17.410	178	1391927	42.684	ng/ul	99
74) Anthracene	17.504	178	1390511	42.100	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	365200	39.098	ng/uL	98
76) Pentachlorobenzene	14.869	250	339994	37.558	ng/uL	99
77) Carbazole	17.798	167	1244009	44.565	ng/ul	97
78) Di-n-butylphthalate	18.310	149	1641866	50.663	ng/ul	99
80) Fluoranthene	19.398	202	1611028	47.208	ng/ul	99
82) Pyrene	19.757	202	1664091	46.026	ng/ul	99
83) Butylbenzylphthalate	20.627	149	729550	58.668	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	369954	34.563	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1591538	44.190	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	1058171	60.958	ng/ul	99
87) Chrysene	21.551	228	1471957	43.218	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	1751031	56.832	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1455674	43.973	ng/ul	100
91) Benzo(k)fluoranthene	23.327	252	1472138	43.878	ng/ul	100
93) Benzo(a)pyrene	23.957	252	1369815	44.077	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.792	276	1569143	42.364	ng/ul	99
95) Dibenzo(a,h)anthracene	26.815	278	1294992	41.903	ng/ul	99
96) Benzo(g,h,i)perylene	27.633	276	1247445	41.801	ng/ul	98

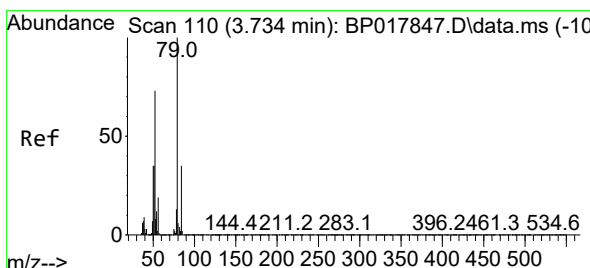
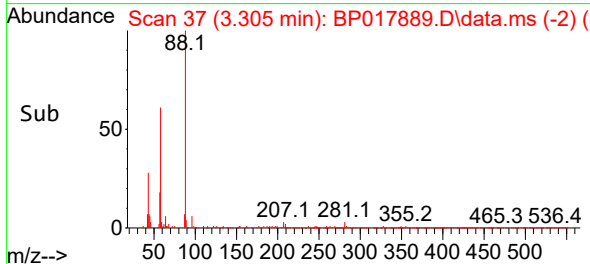
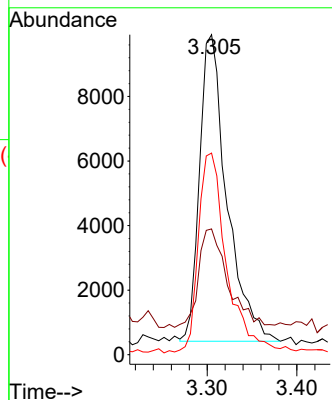
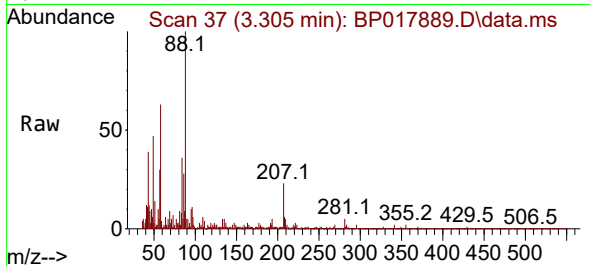
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#2
1,4-Dioxane
Concen: 5.859 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.006 min
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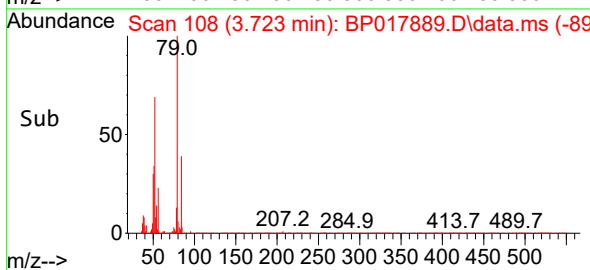
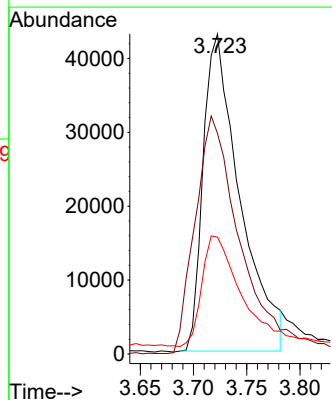
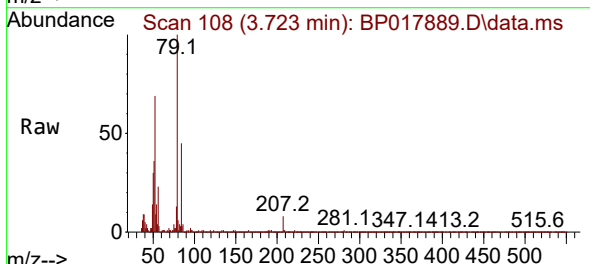
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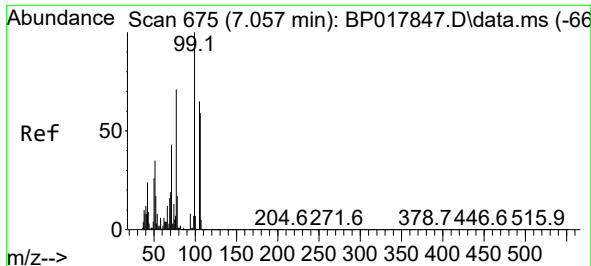
Tgt Ion: 88 Resp: 20054
Ion Ratio Lower Upper
88 100
43 39.3 24.4 36.6#
58 63.0 53.0 79.6



#5
Pyridine
Concen: 11.927 ng/uL
RT: 3.723 min Scan# 108
Delta R.T. 0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion: 79 Resp: 103233
Ion Ratio Lower Upper
79 100
52 68.9 57.2 85.8
51 36.5 28.6 42.8

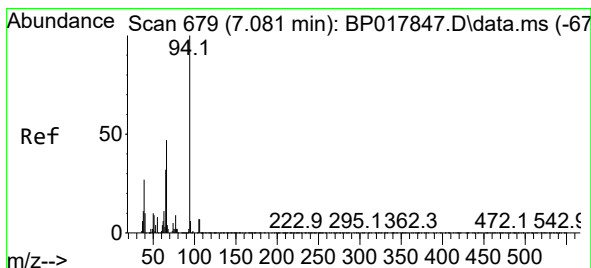
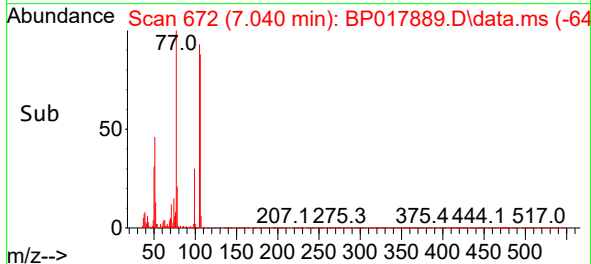
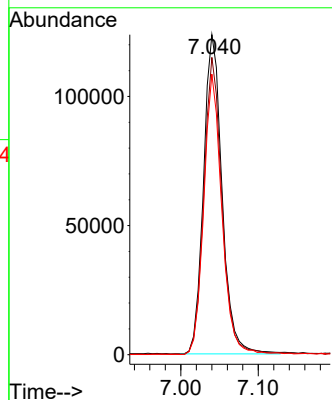
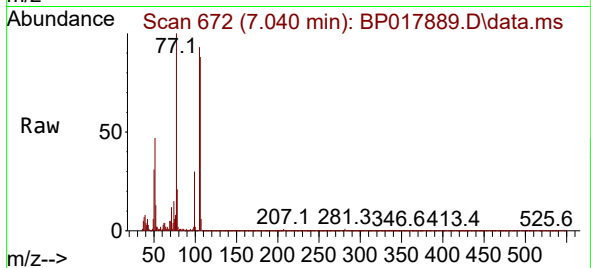




#6
Benzaldehyde
Concen: 38.288 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

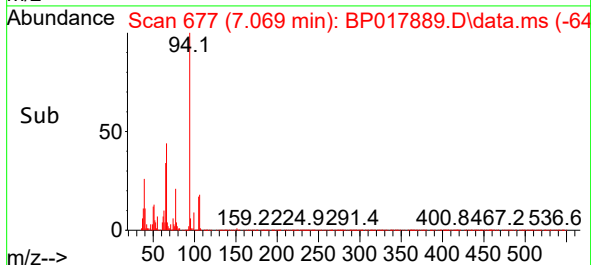
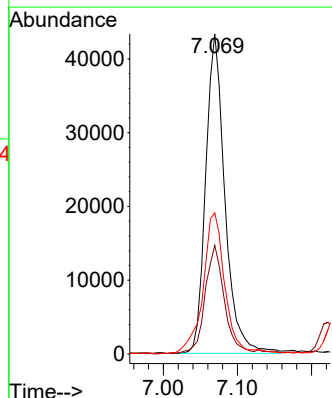
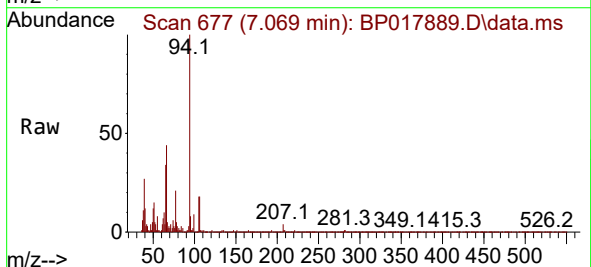
Instrument :
BNA_P
ClientSampleId :
A4937MSD

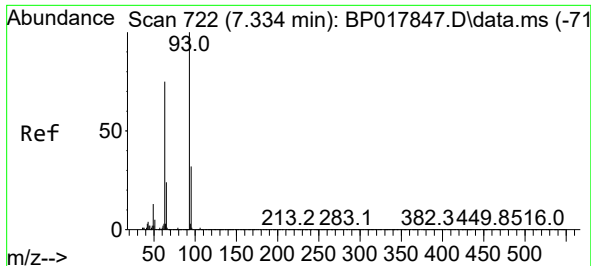
Tgt Ion: 77 Resp: 205742
Ion Ratio Lower Upper
77 100
105 92.9 75.4 113.2
106 87.7 72.3 108.5



#8
Phenol
Concen: 7.913 ng/ul
RT: 7.069 min Scan# 677
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion: 94 Resp: 77930
Ion Ratio Lower Upper
94 100
65 34.0 25.0 37.4
66 44.1 33.0 49.6

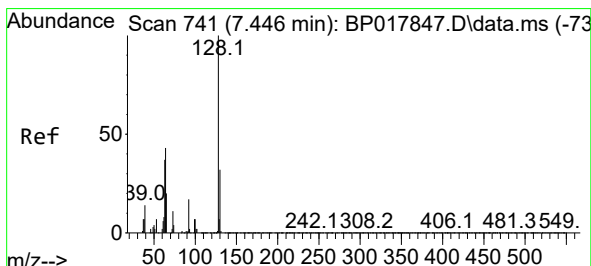
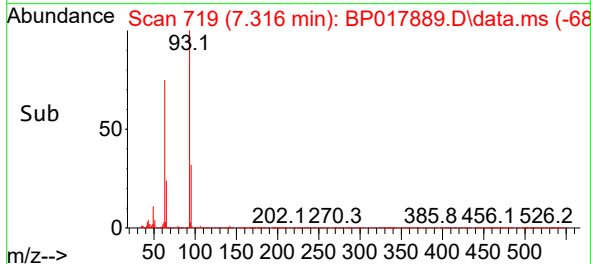
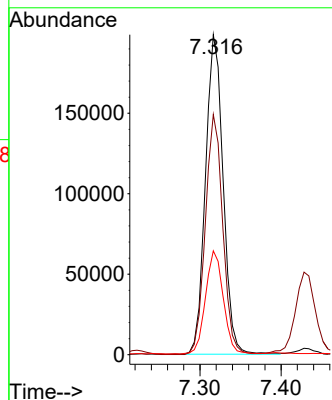
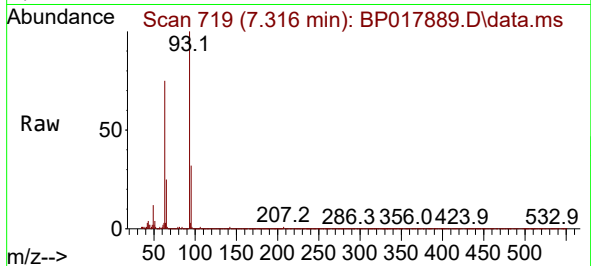




#10
Bis(2-Chloroethyl)ether
Concen: 36.480 ng/ul
RT: 7.316 min Scan# 719
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

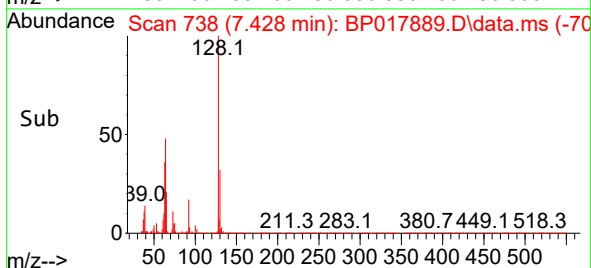
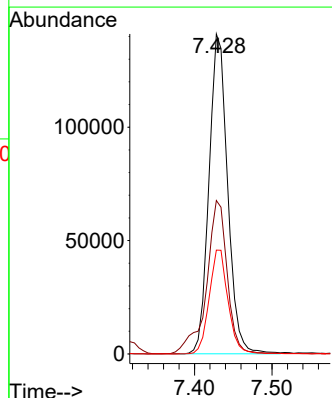
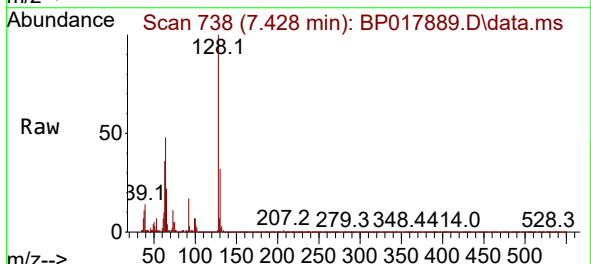
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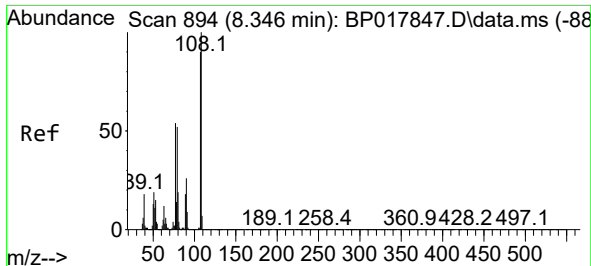
Tgt Ion: 93 Resp: 299752
Ion Ratio Lower Upper
93 100
63 75.1 60.7 91.1
95 32.4 27.8 41.6



#12
2-Chlorophenol
Concen: 28.783 ng/ul
RT: 7.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:128 Resp: 235522
Ion Ratio Lower Upper
128 100
64 47.9 36.7 55.1
130 32.5 26.2 39.2





#13

2-Methylphenol

Concen: 21.893 ng/ul

RT: 8.328 min Scan# 894

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

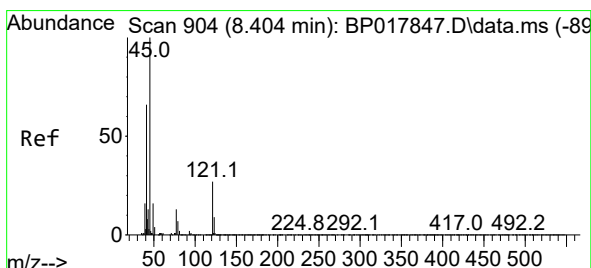
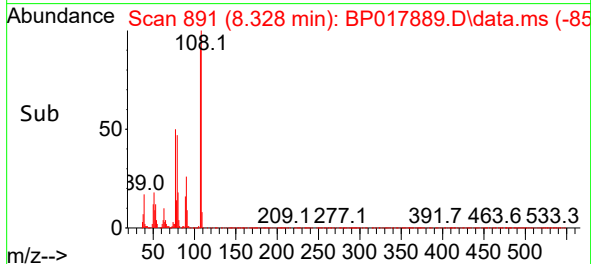
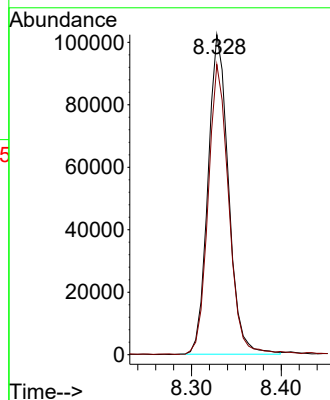
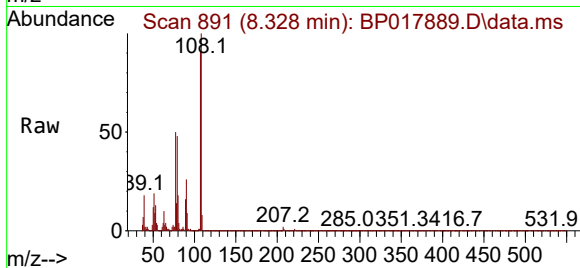
A4937MSD

Tgt Ion:108 Resp: 162728

Ion Ratio Lower Upper

108 100

107 90.7 73.4 110.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.917 ng/ul

RT: 8.387 min Scan# 901

Delta R.T. -0.018 min

Lab File: BP017889.D

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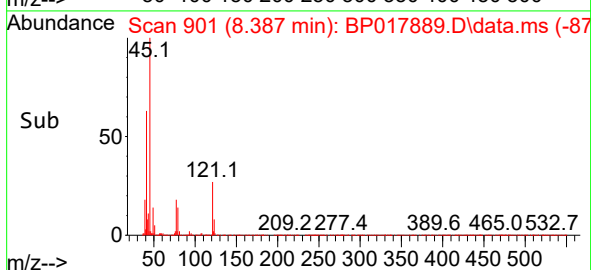
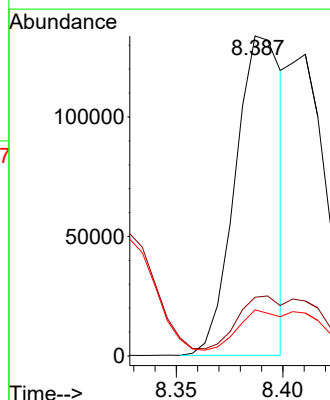
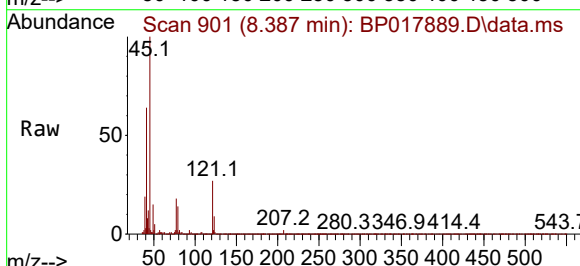
Tgt Ion: 45 Resp: 201439

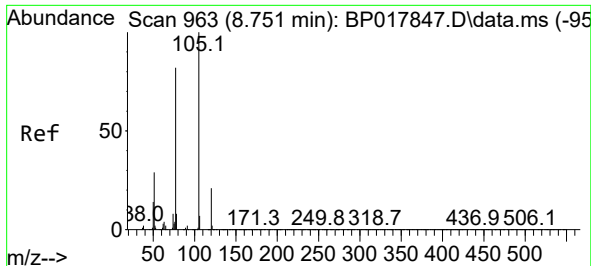
Ion Ratio Lower Upper

45 100

77 18.3 14.2 21.4

79 14.4 10.3 15.5

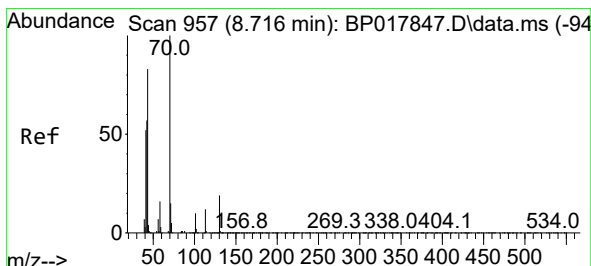
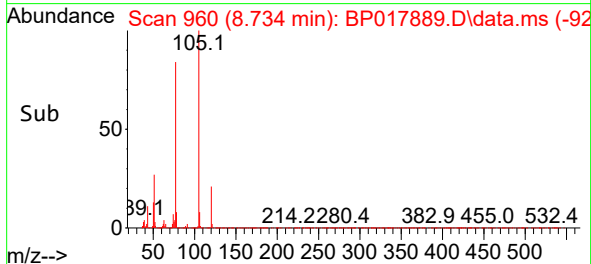
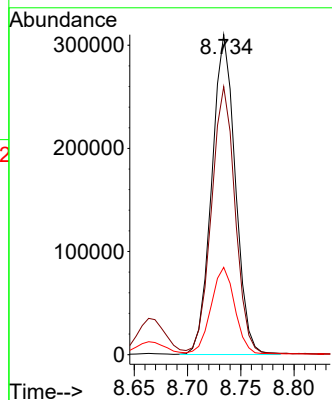
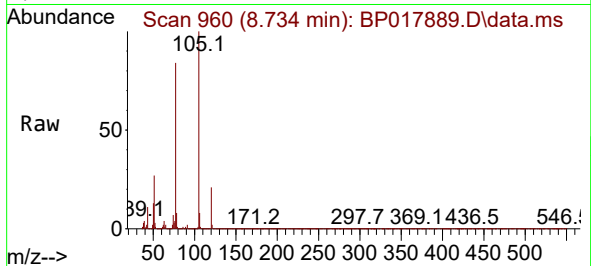




#16
Acetophenone
Concen: 38.725 ng/ul
RT: 8.734 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP017889.D
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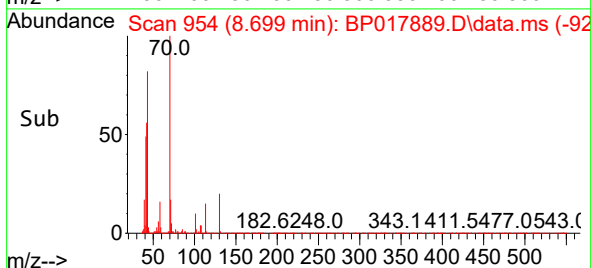
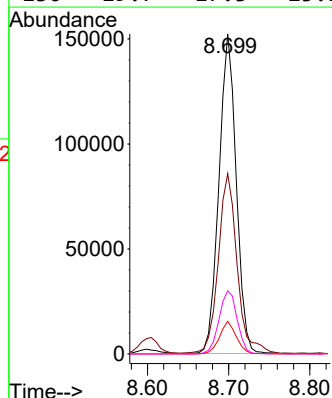
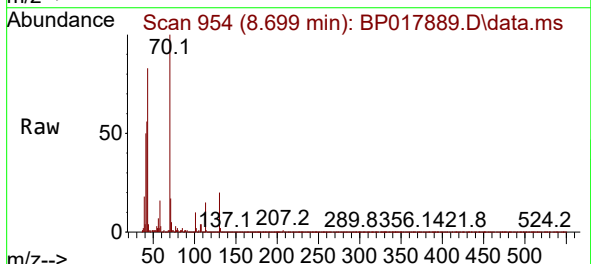
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A4937MSD

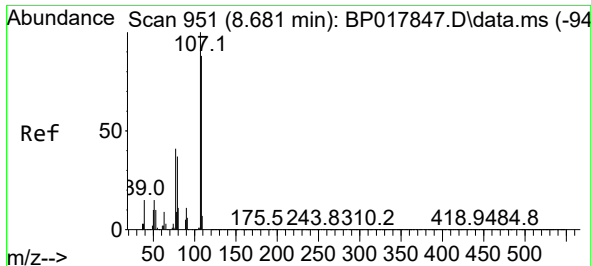
Tgt Ion:105 Resp: 477573
Ion Ratio Lower Upper
105 100
77 83.8 64.4 96.6
51 27.3 21.2 31.8



#17
N-Nitroso-di-n-propylamine
Concen: 38.525 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion: 70 Resp: 225350
Ion Ratio Lower Upper
70 100
42 56.4 44.6 66.8
101 10.2 7.5 11.3
130 19.7 17.3 25.9

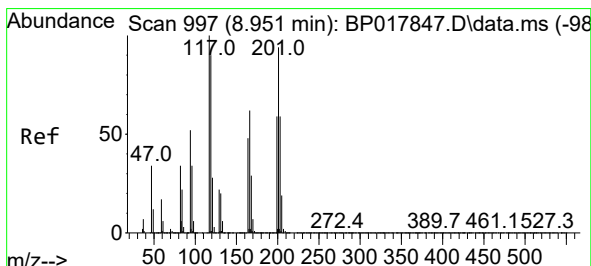
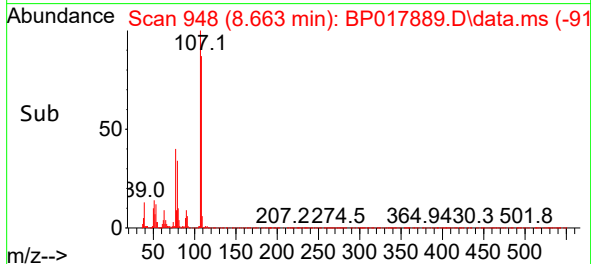
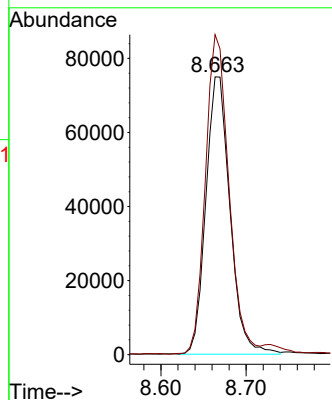
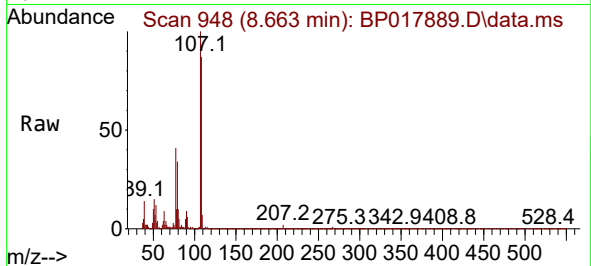




#18
4-Methylphenol
Concen: 18.672 ng/ul
RT: 8.663 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

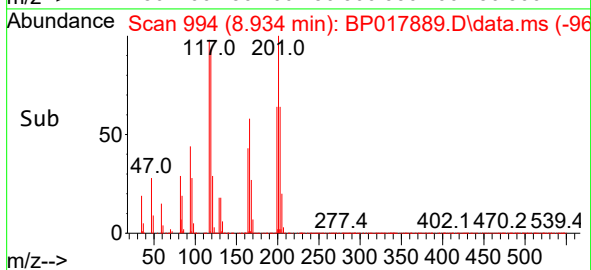
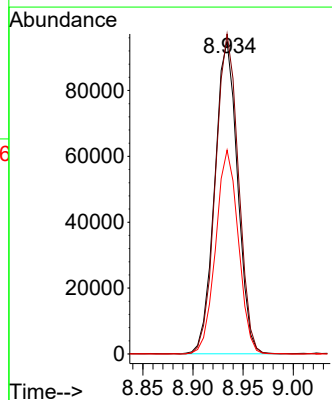
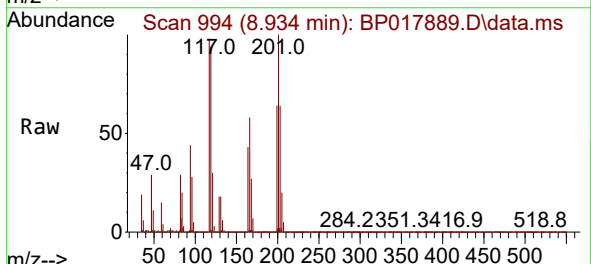
Instrument :
BNA_P
ClientSampleId :
A4937MSD

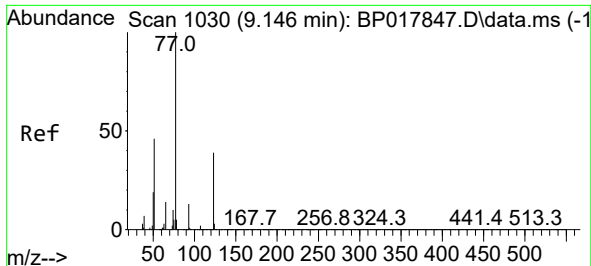
Tgt Ion:108 Resp: 147383
Ion Ratio Lower Upper
108 100
107 115.2 87.5 131.3



#19
Hexachloroethane
Concen: 40.032 ng/ul
RT: 8.934 min Scan# 994
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:117 Resp: 150510
Ion Ratio Lower Upper
117 100
201 102.4 96.3 144.5
199 65.2 57.7 86.5

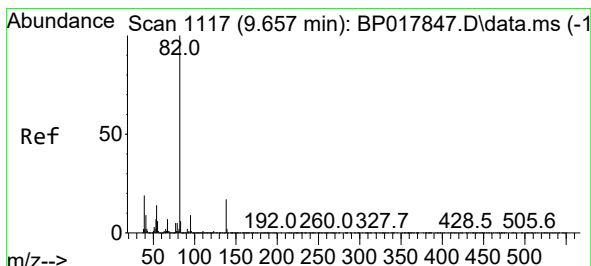
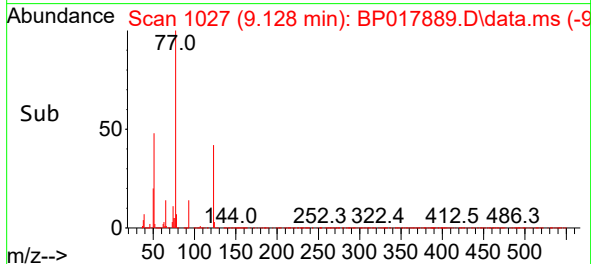
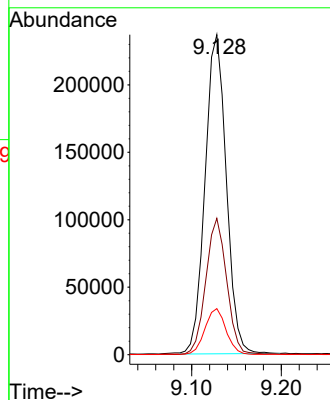
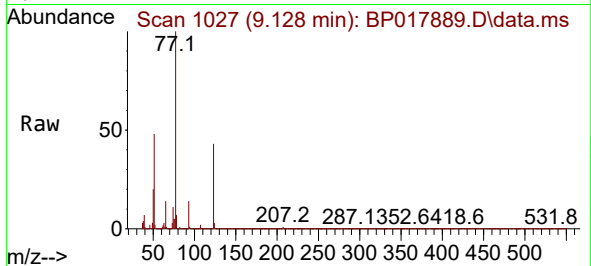




#22
Nitrobenzene
Concen: 42.327 ng/ul
RT: 9.128 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

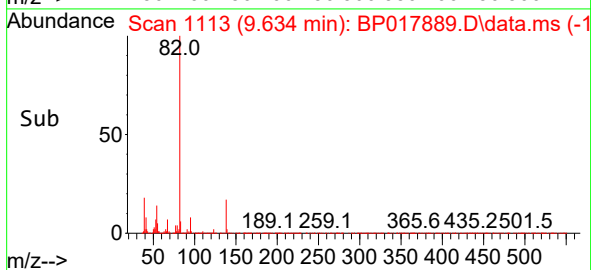
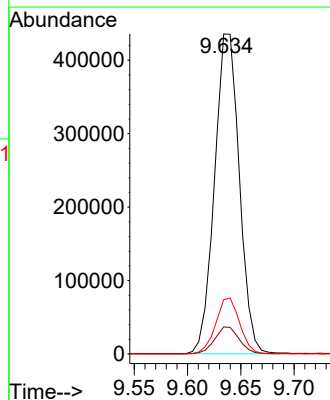
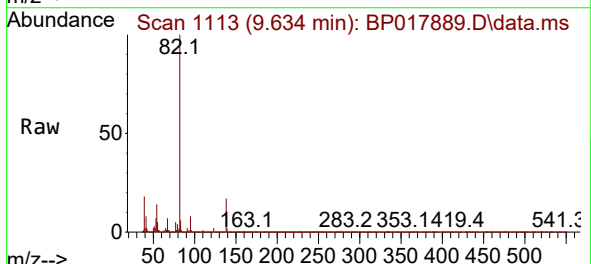
Instrument :
BNA_P
ClientSampleId :
A4937MSD

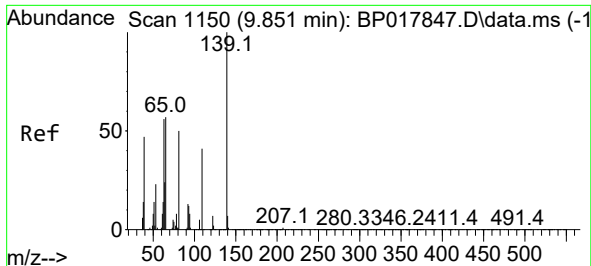
Tgt Ion: 77 Resp: 388504
Ion Ratio Lower Upper
77 100
123 42.6 33.5 50.3
65 14.4 10.8 16.2



#23
Isophorone
Concen: 42.947 ng/ul
RT: 9.634 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion: 82 Resp: 704904
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 17.0 14.4 21.6

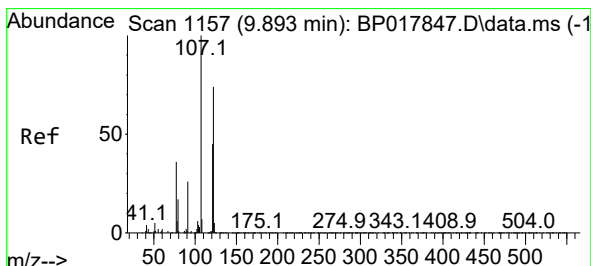
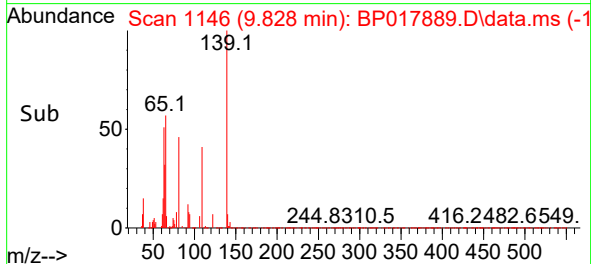
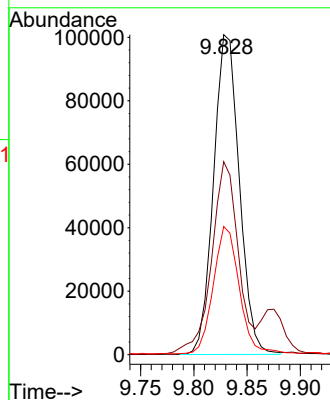
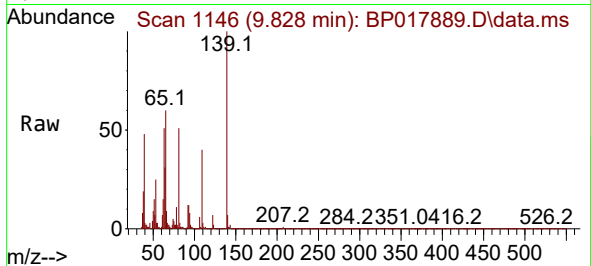




#25
2-Nitrophenol
Concen: 39.025 ng/ul
RT: 9.828 min Scan# 1146
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

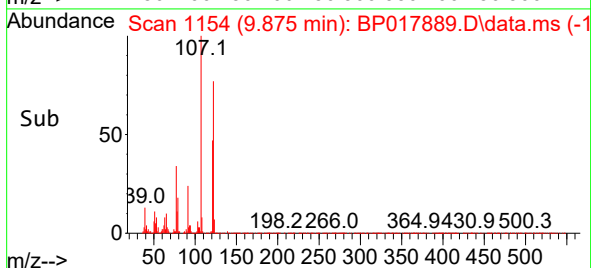
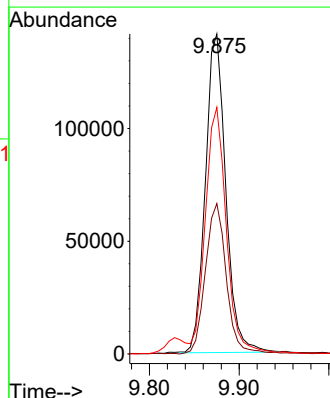
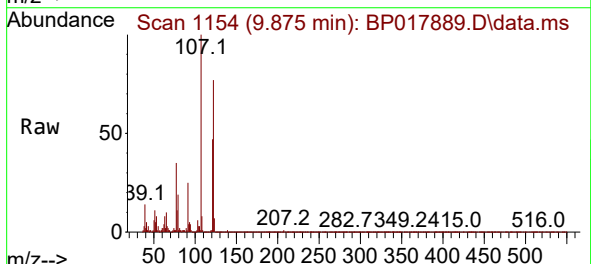
Instrument :
BNA_P
ClientSampleId :
A4937MSD

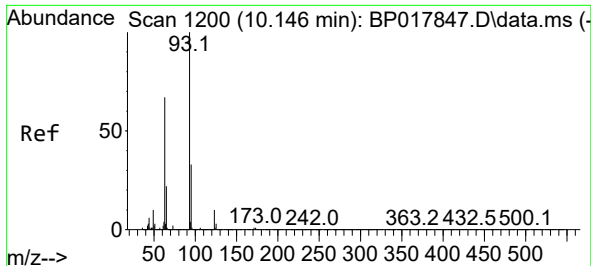
Tgt Ion:139 Resp: 169663
Ion Ratio Lower Upper
139 100
65 60.3 40.4 60.6
109 40.1 25.4 38.2#



#26
2,4-Dimethylphenol
Concen: 26.165 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:107 Resp: 223264
Ion Ratio Lower Upper
107 100
121 47.0 40.6 61.0
122 77.1 66.9 100.3

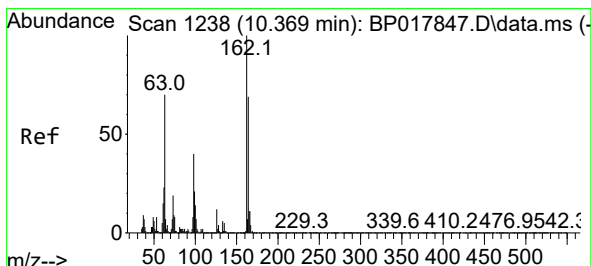
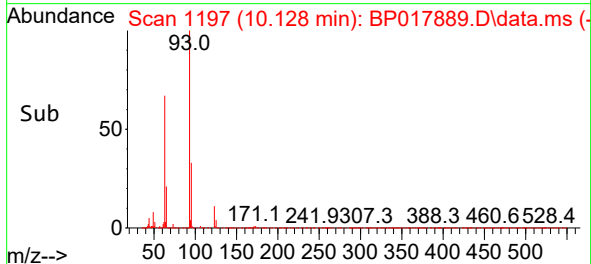
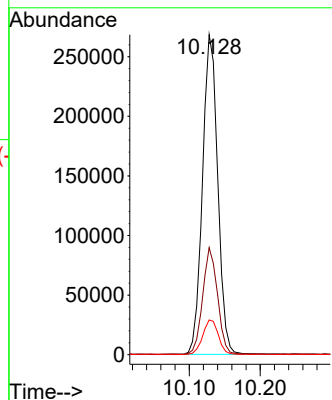
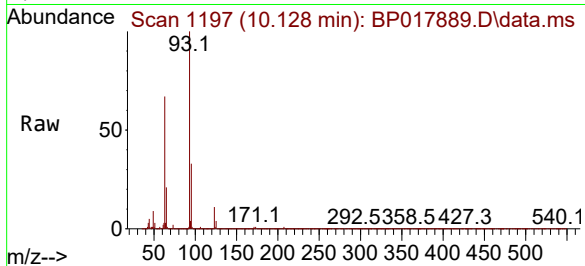




#27
 Bis(2-Chloroethoxy)methane
 Concen: 39.501 ng/ul
 RT: 10.128 min Scan# 1197
 Delta R.T. -0.018 min
 Lab File: BP017889.D
 Acq: 02 Nov 2023 16:39

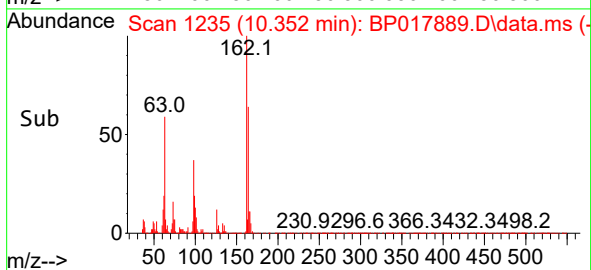
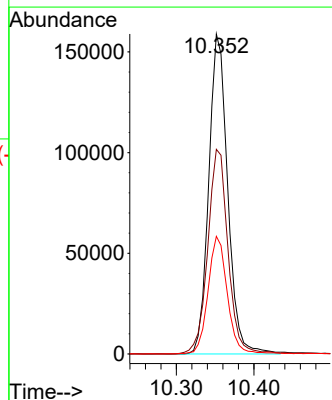
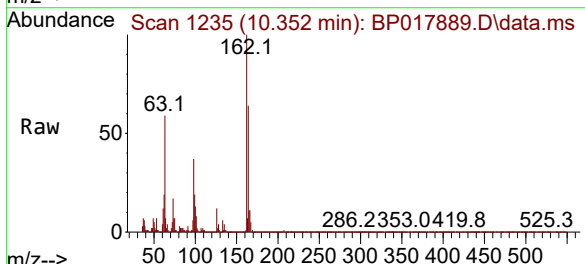
Instrument :
 BNA_P
 ClientSampleId :
 A4937MSD

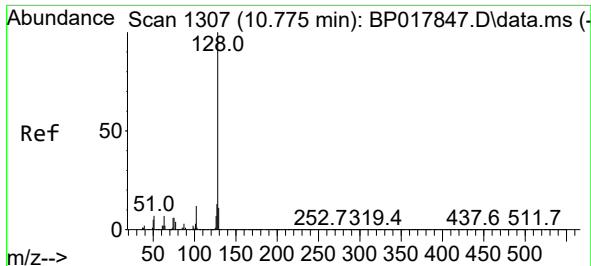
Tgt Ion: 93 Resp: 401000
 Ion Ratio Lower Upper
 93 100
 95 33.5 24.7 37.1
 123 10.8 8.9 13.3



#29
 2,4-Dichlorophenol
 Concen: 35.415 ng/ul
 RT: 10.352 min Scan# 1235
 Delta R.T. -0.018 min
 Lab File: BP017889.D
 Acq: 02 Nov 2023 16:39

Tgt Ion: 162 Resp: 270571
 Ion Ratio Lower Upper
 162 100
 164 63.9 53.8 80.8
 98 36.7 25.5 38.3

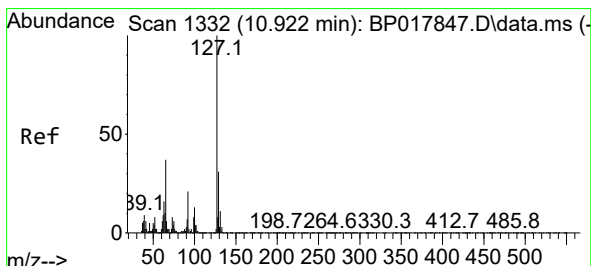
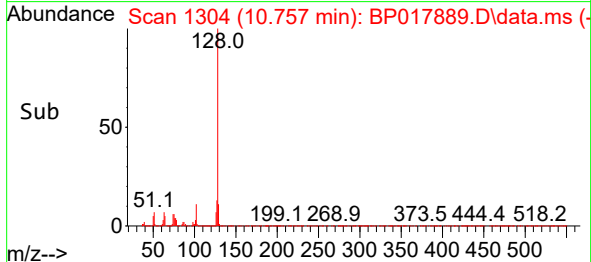
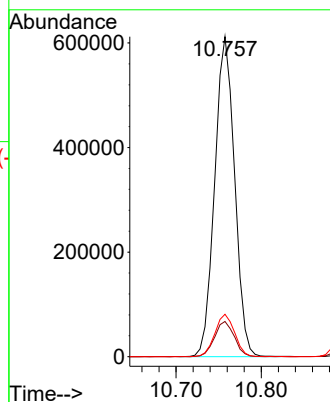
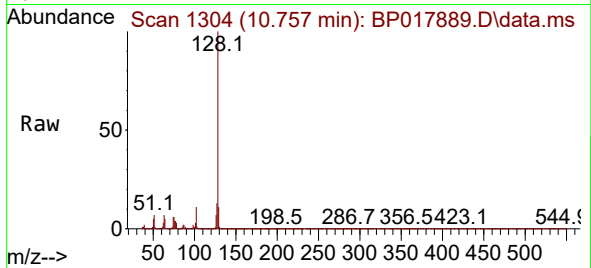




#30
Naphthalene
Concen: 37.934 ng/ul
RT: 10.757 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

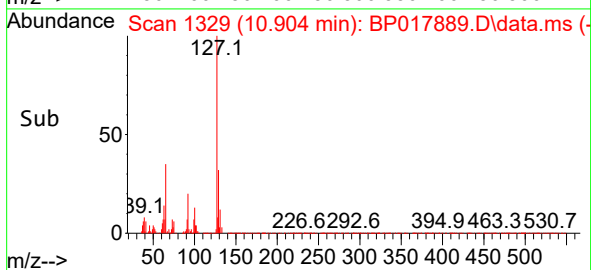
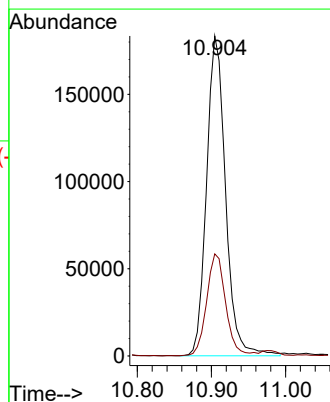
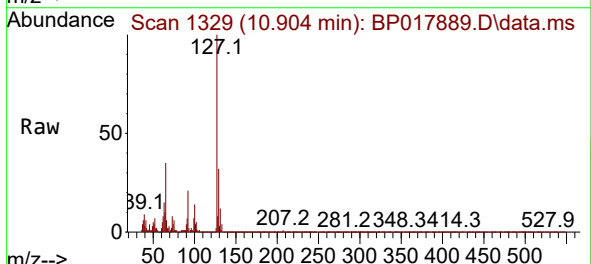
Instrument :
BNA_P
ClientSampleId :
A4937MSD

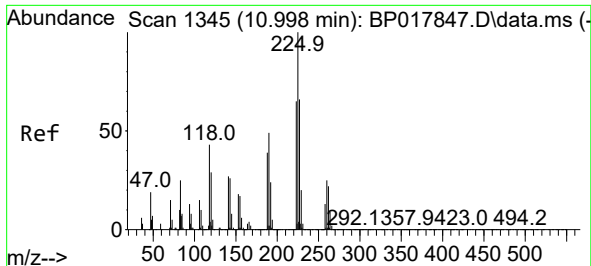
Tgt Ion:128 Resp: 993129
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.5 15.7



#32
4-Chloroaniline
Concen: 32.663 ng/ul
RT: 10.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:127 Resp: 327040
Ion Ratio Lower Upper
127 100
129 31.9 25.1 37.7

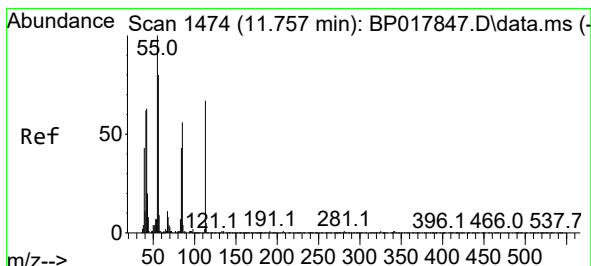
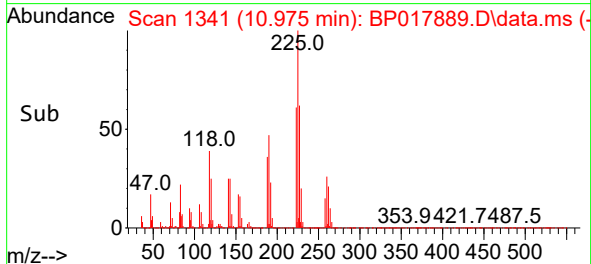
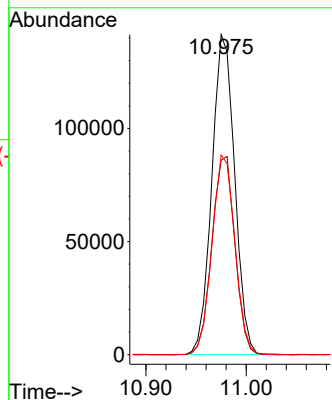
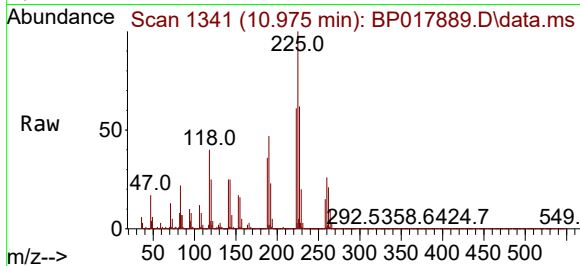




#33
Hexachlorobutadiene
Concen: 36.047 ng/ul
RT: 10.975 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

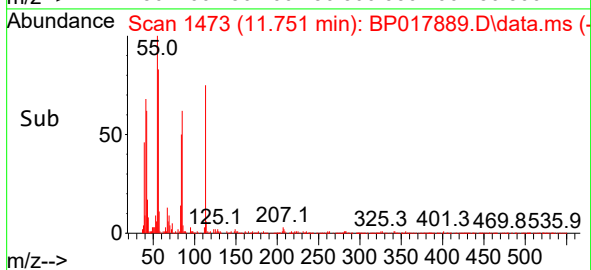
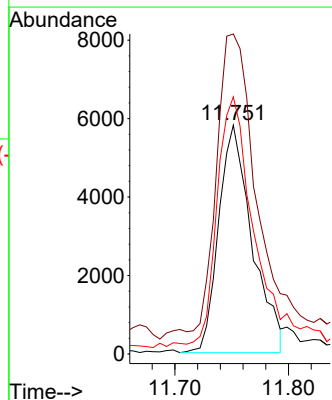
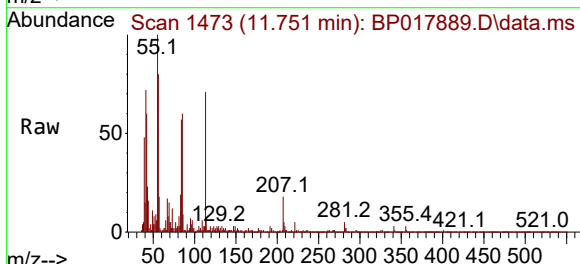
Instrument :
BNA_P
ClientSampleId :
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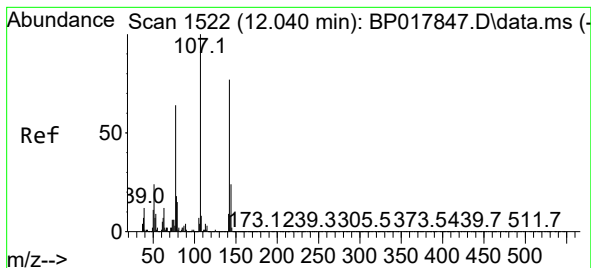
Tgt Ion:225 Resp: 223616
Ion Ratio Lower Upper
225 100
223 60.8 50.6 75.8
227 62.4 50.1 75.1



#34
Caprolactam
Concen: 6.036 ng/ul
RT: 11.751 min Scan# 1473
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:113 Resp: 11874
Ion Ratio Lower Upper
113 100
55 139.9 112.1 168.1
56 112.4 87.0 130.6

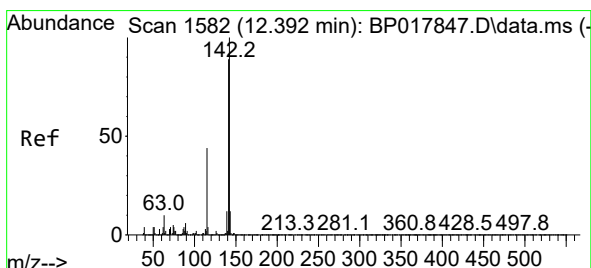
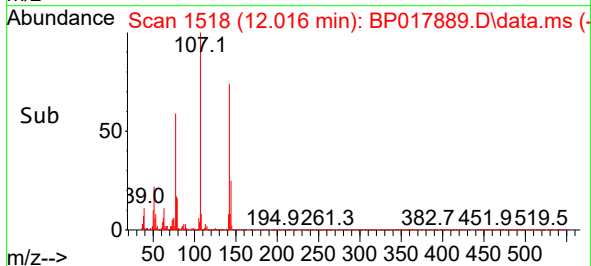
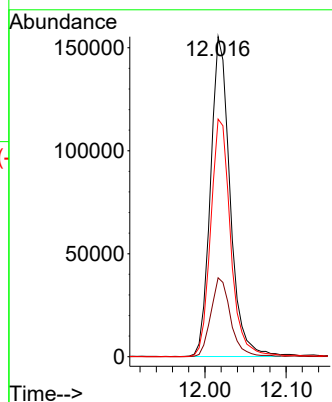
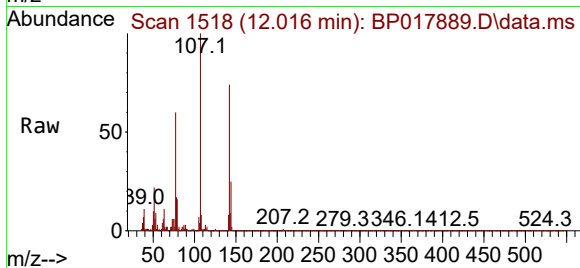




#35
4-Chloro-3-methylphenol
Concen: 36.097 ng/ul
RT: 12.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

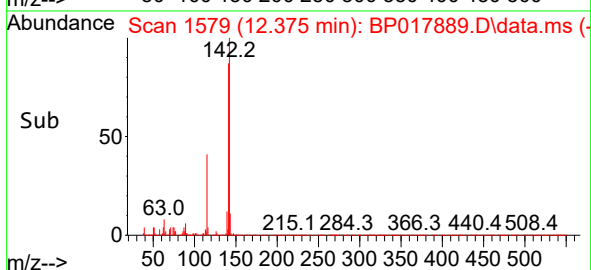
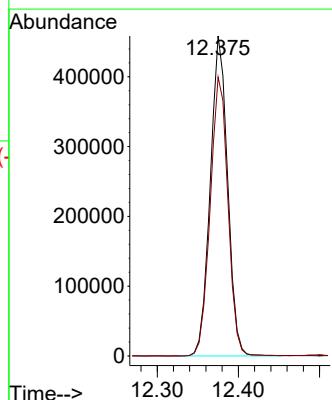
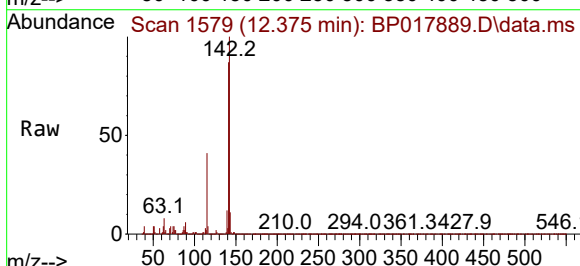
Instrument :
BNA_P
ClientSampleId :
A4937MSD

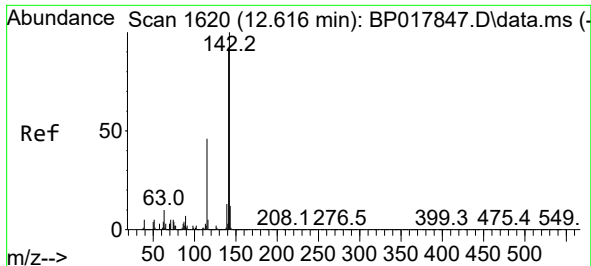
Tgt Ion:107 Resp: 259640
Ion Ratio Lower Upper
107 100
144 24.7 22.9 34.3
142 74.3 68.1 102.1



#36
2-Methylnaphthalene
Concen: 38.394 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:142 Resp: 678978
Ion Ratio Lower Upper
142 100
141 87.2 71.5 107.3





#37

1-Methylnaphthalene

Concen: 36.955 ng/ul

RT: 12.599 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

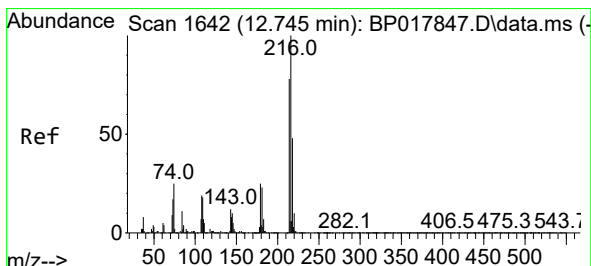
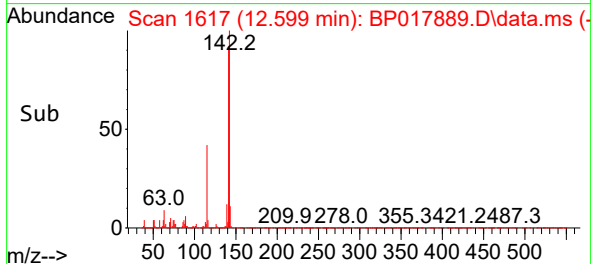
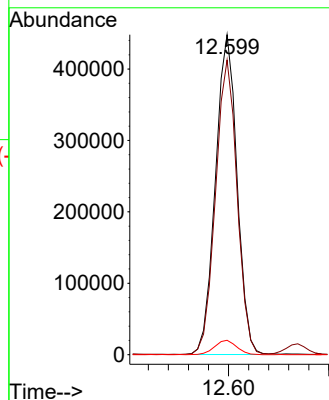
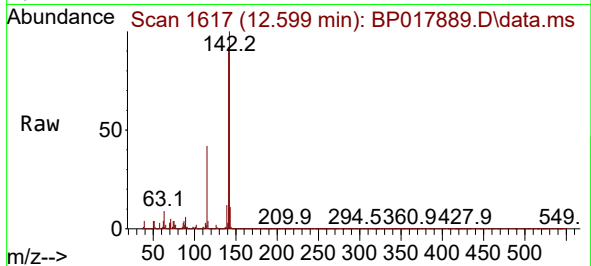
Tgt Ion:142 Resp: 668354

Ion Ratio Lower Upper

142 100

141 92.1 72.5 108.7

116 4.5 3.4 5.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.084 ng/ul

RT: 12.728 min Scan# 1639

Delta R.T. -0.018 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Tgt Ion:216 Resp: 377645

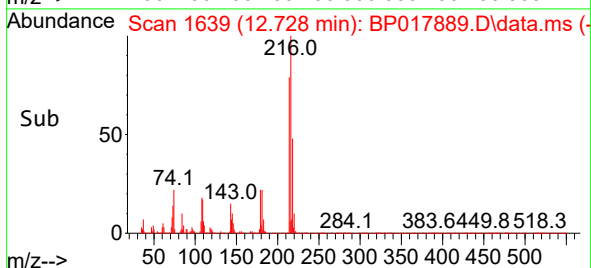
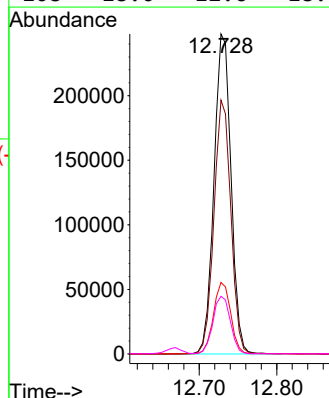
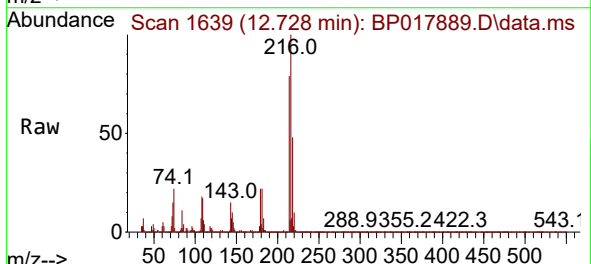
Ion Ratio Lower Upper

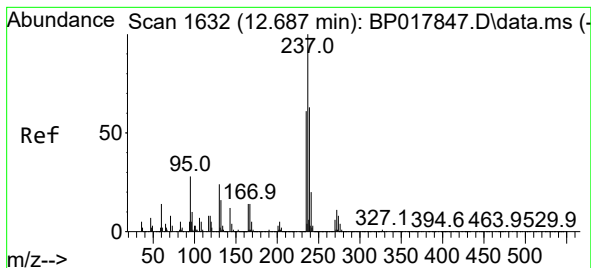
216 100

214 79.3 62.2 93.2

179 22.4 15.8 23.8

108 18.0 12.6 18.8





#40

Hexachlorocyclopentadiene

Concen: 28.813 ng/ul

RT: 12.669 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

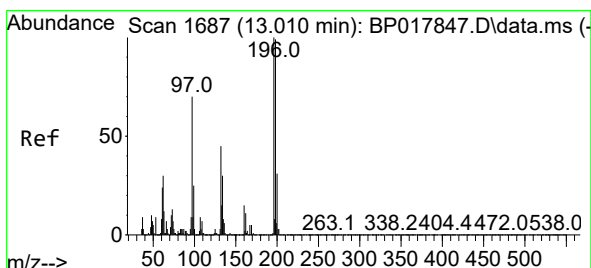
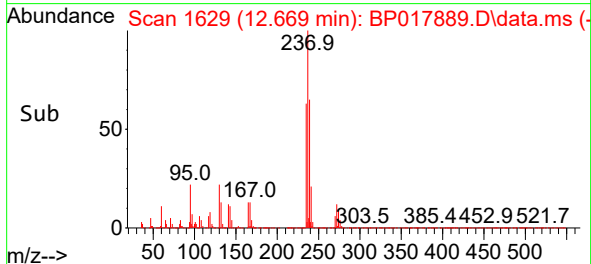
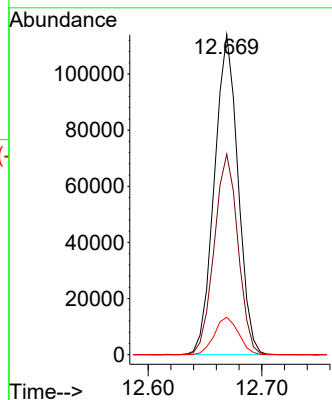
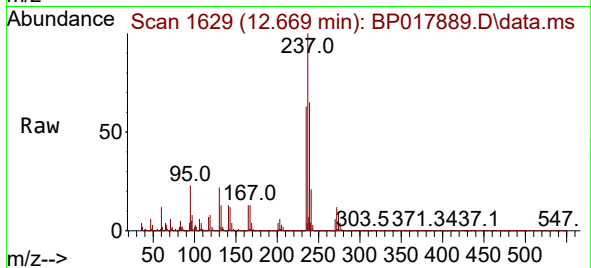
Tgt Ion:237 Resp: 164150

Ion Ratio Lower Upper

237 100

235 62.7 50.3 75.5

272 11.7 11.1 16.7



#41

2,4,6-Trichlorophenol

Concen: 40.197 ng/ul

RT: 12.993 min Scan# 1684

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

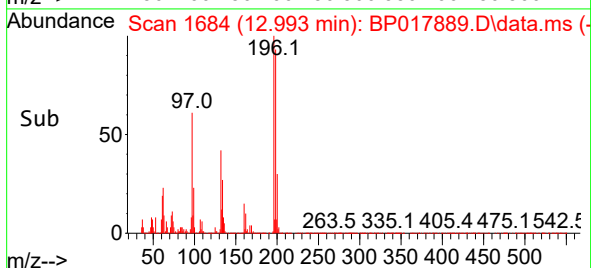
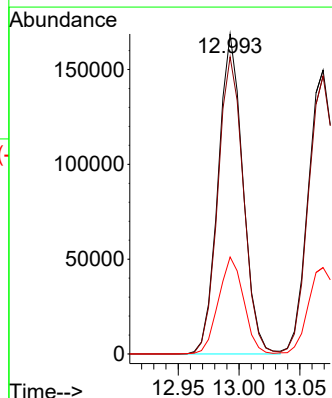
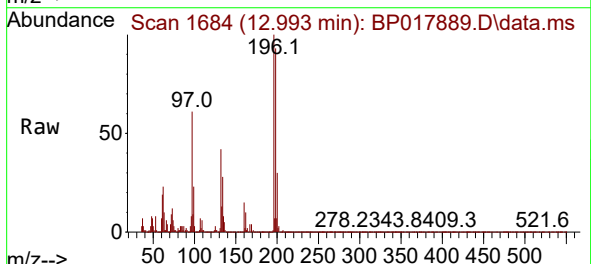
Tgt Ion:196 Resp: 239214

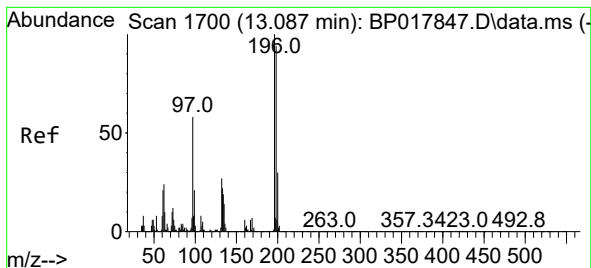
Ion Ratio Lower Upper

196 100

198 92.9 74.7 112.1

200 30.3 23.7 35.5





#42

2,4,5-Trichlorophenol

Concen: 39.760 ng/ul

RT: 13.069 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

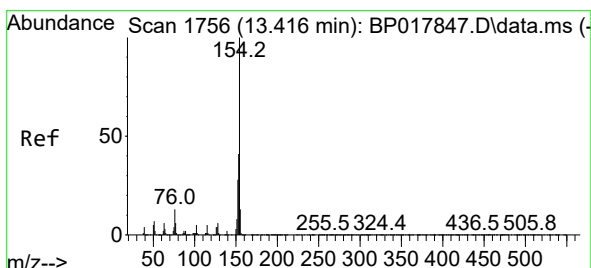
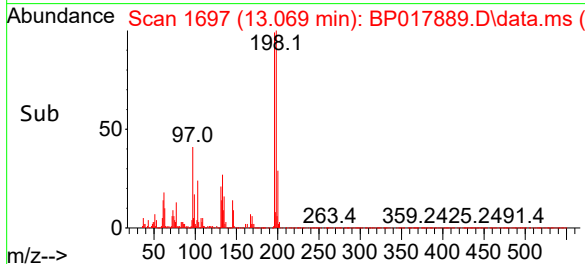
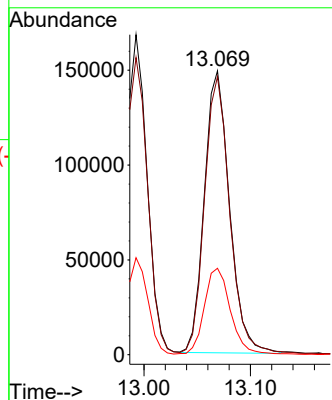
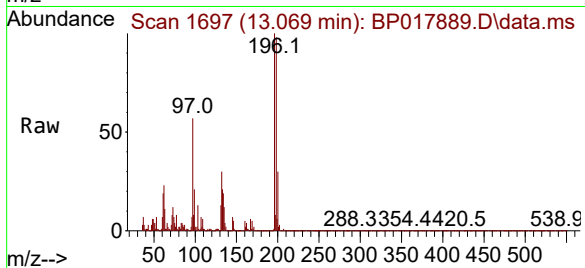
Tgt Ion:196 Resp: 244628

Ion Ratio Lower Upper

196 100

198 97.9 76.0 114.0

200 30.4 24.3 36.5



#43

1,1'-Biphenyl

Concen: 40.092 ng/ul

RT: 13.398 min Scan# 1753

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

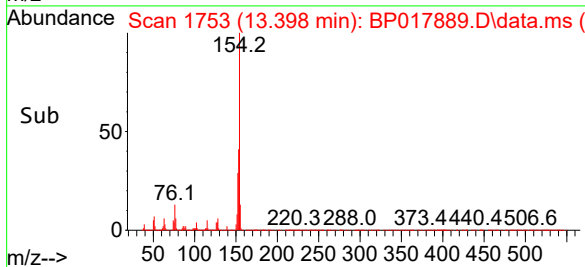
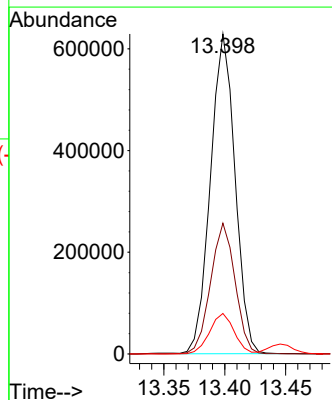
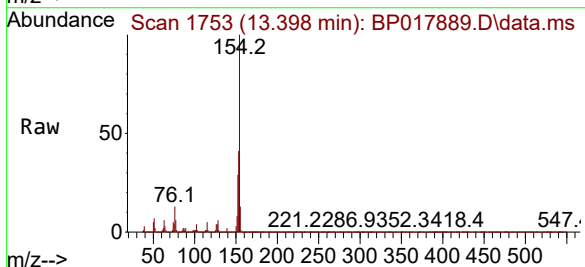
Tgt Ion:154 Resp: 885139

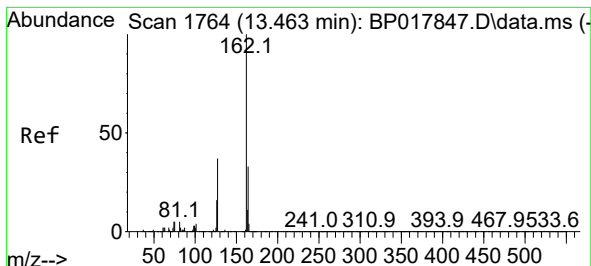
Ion Ratio Lower Upper

154 100

153 40.8 32.6 49.0

76 12.7 9.8 14.8





#44

2-Chloronaphthalene

Concen: 39.894 ng/ul

RT: 13.446 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

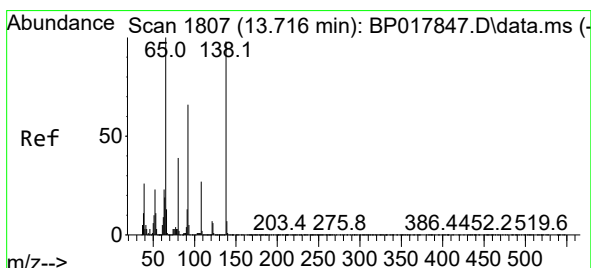
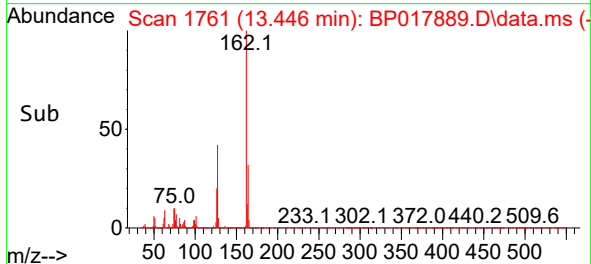
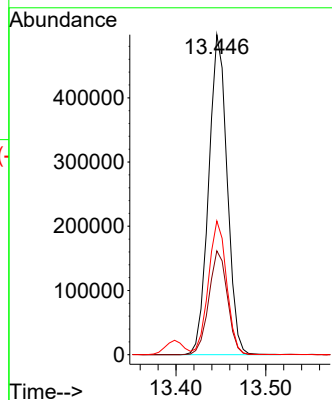
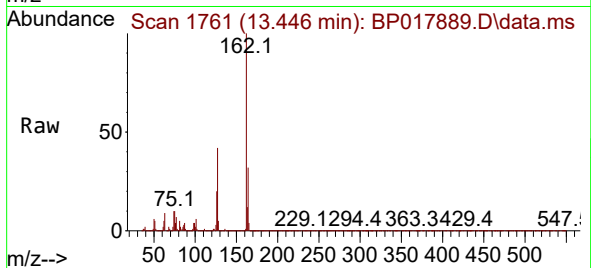
Tgt Ion:162 Resp: 711996

Ion Ratio Lower Upper

162 100

164 32.5 25.9 38.9

127 41.8 29.9 44.9



#45

2-Nitroaniline

Concen: 56.397 ng/ul

RT: 13.698 min Scan# 1804

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

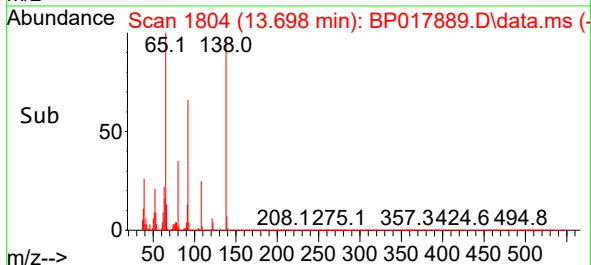
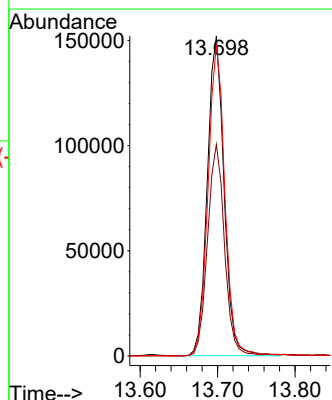
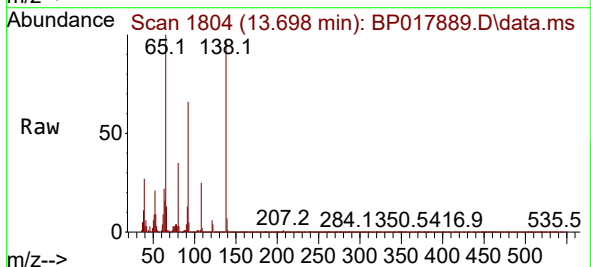
Tgt Ion: 65 Resp: 228726

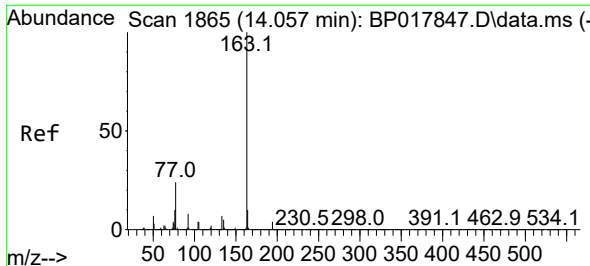
Ion Ratio Lower Upper

65 100

92 66.1 56.2 84.4

138 97.3 85.9 128.9

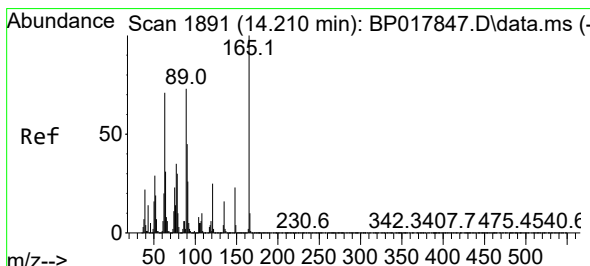
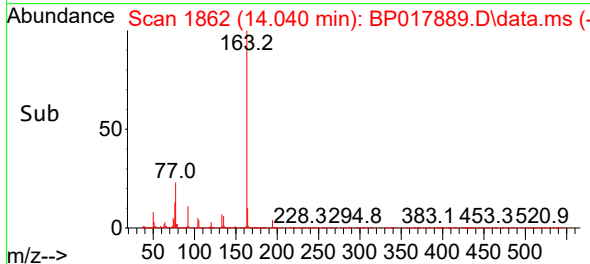
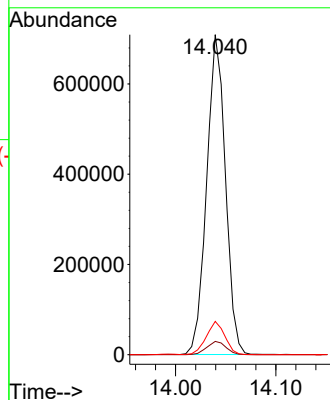
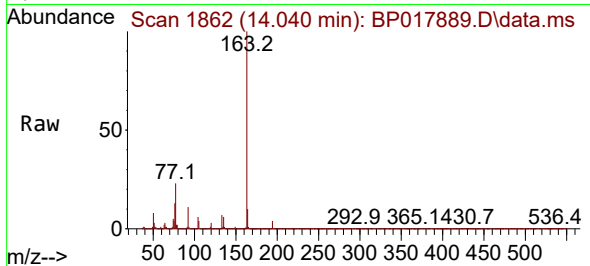




#47
Dimethylphthalate
Concen: 41.636 ng/ul
RT: 14.040 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

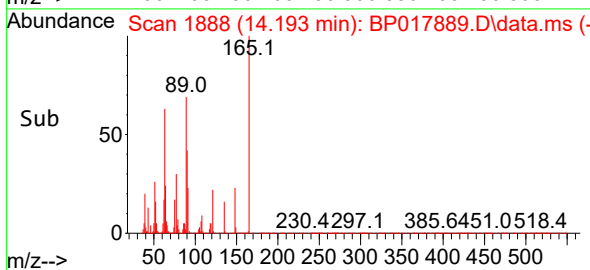
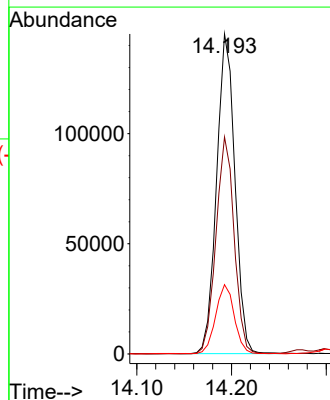
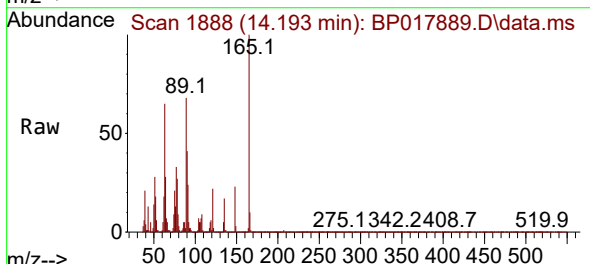
Instrument :
BNA_P
ClientSampleId :
A4937MSD

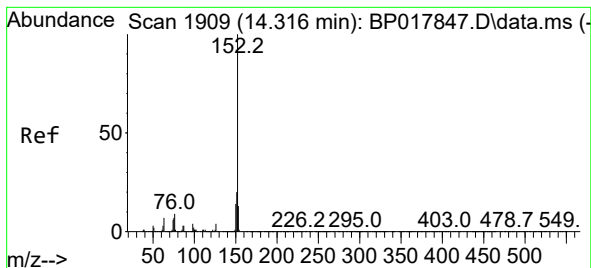
Tgt Ion:163 Resp: 923123
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 47.833 ng/ul
RT: 14.193 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:165 Resp: 195200
Ion Ratio Lower Upper
165 100
89 67.8 48.0 72.0
121 21.6 16.6 24.8





#50

Acenaphthylene

Concen: 41.075 ng/ul

RT: 14.298 min Scan# 1906

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

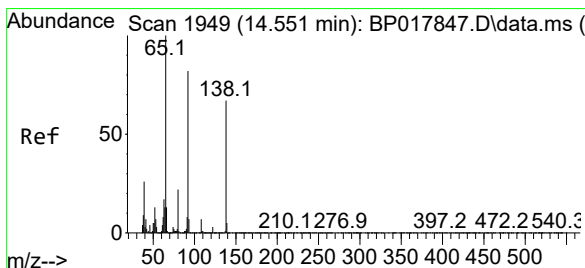
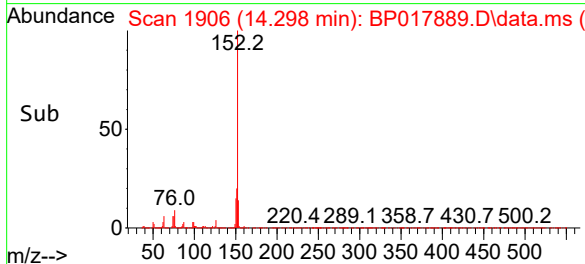
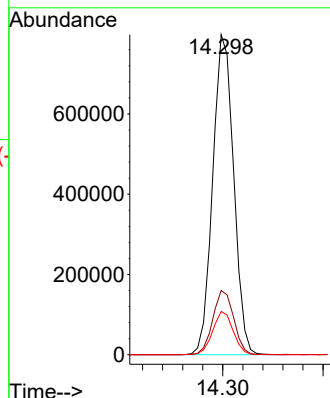
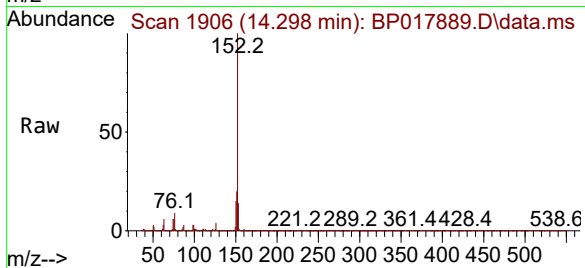
Tgt Ion:152 Resp: 1154293

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.5 10.8 16.2



#51

3-Nitroaniline

Concen: 45.094 ng/ul

RT: 14.540 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

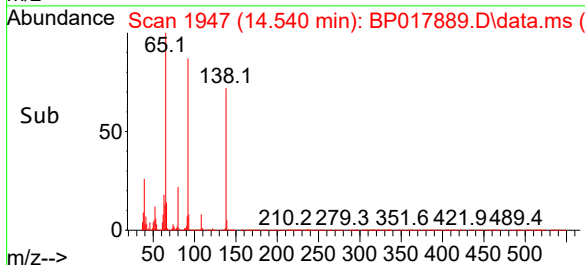
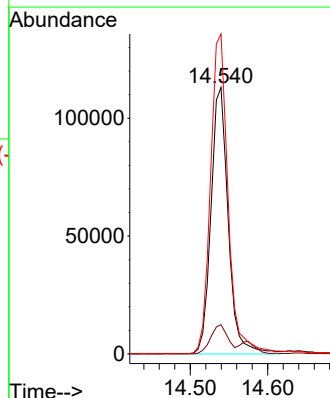
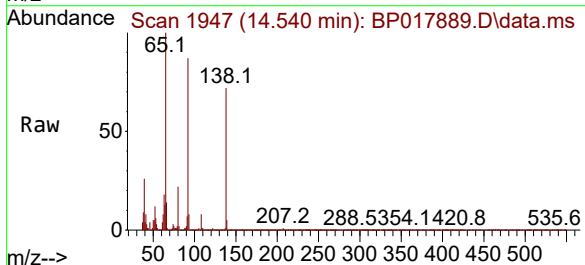
Tgt Ion:138 Resp: 175021

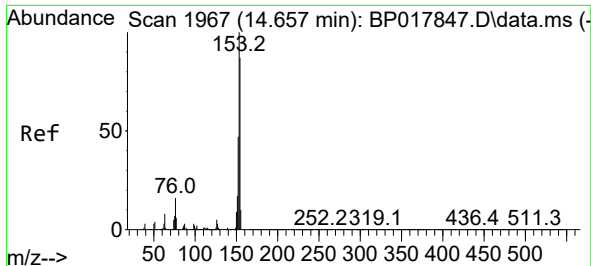
Ion Ratio Lower Upper

138 100

108 11.0 9.3 13.9

92 120.2 95.2 142.8

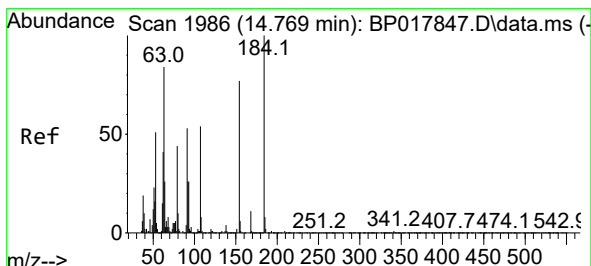
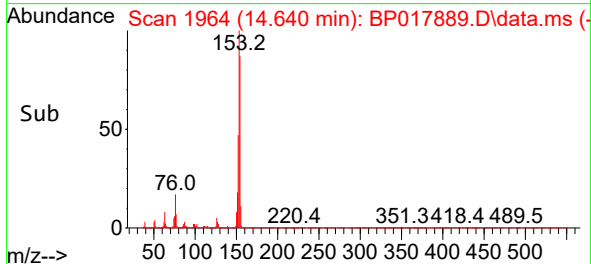
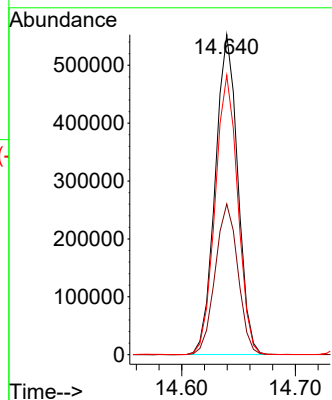
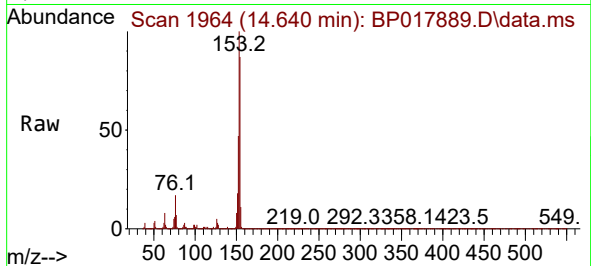




#52
Acenaphthene
Concen: 40.129 ng/ul
RT: 14.640 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

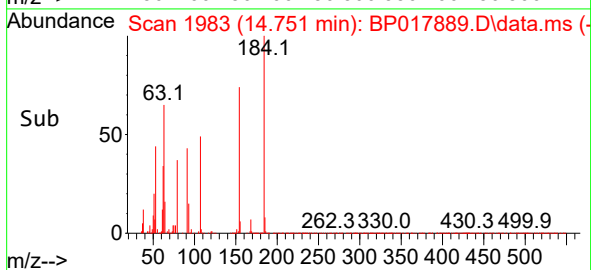
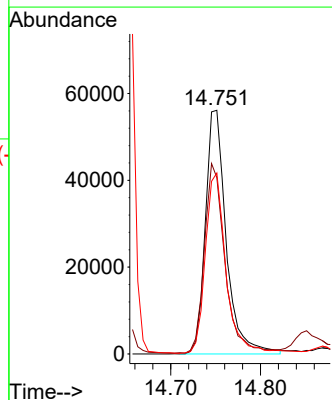
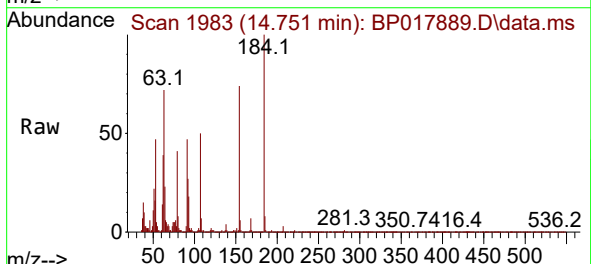
Instrument :
BNA_P
ClientSampleId :
A4937MSD

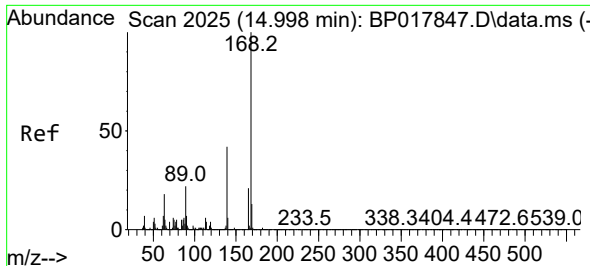
Tgt Ion:153 Resp: 762349
Ion Ratio Lower Upper
153 100
152 47.1 37.6 56.4
154 87.3 70.0 105.0



#53
2,4-Dinitrophenol
Concen: 39.498 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:184 Resp: 90482
Ion Ratio Lower Upper
184 100
63 72.3 50.6 76.0
154 74.3 47.9 71.9#

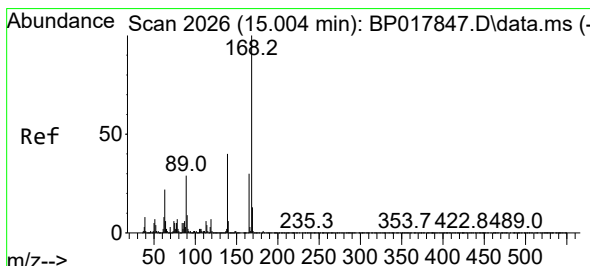
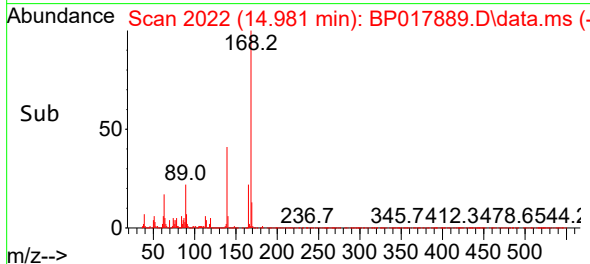
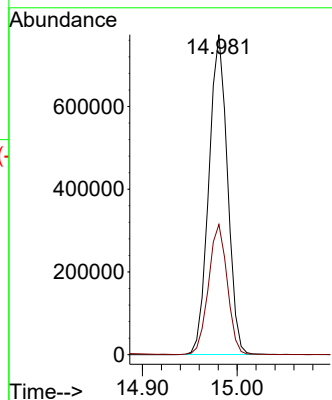
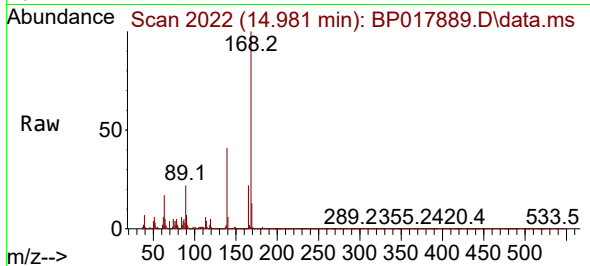




#56
 Dibenzofuran
 Concen: 39.487 ng/ul
 RT: 14.981 min Scan# 2023
 Delta R.T. -0.012 min
 Lab File: BP017889.D
 Acq: 02 Nov 2023 16:39

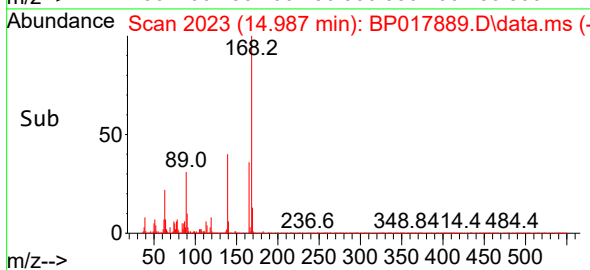
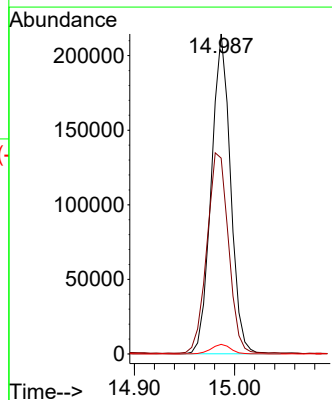
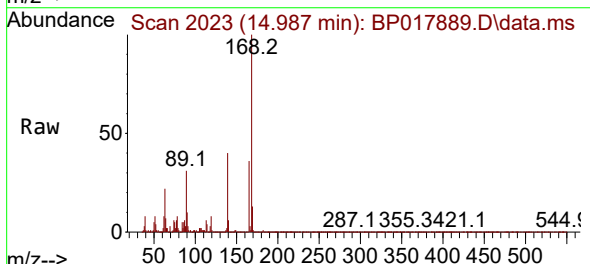
Instrument :
 BNA_P
 ClientSampleId :
 A4937MSD

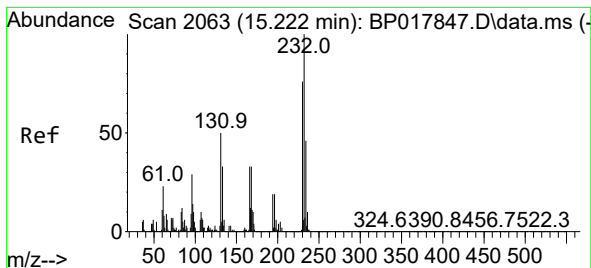
Tgt Ion:168 Resp: 1053199
 Ion Ratio Lower Upper
 168 100
 139 40.7 28.6 43.0



#57
 2,4-Dinitrotoluene
 Concen: 47.376 ng/ul
 RT: 14.987 min Scan# 2023
 Delta R.T. -0.006 min
 Lab File: BP017889.D
 Acq: 02 Nov 2023 16:39

Tgt Ion:165 Resp: 285338
 Ion Ratio Lower Upper
 165 100
 63 61.2 51.1 76.7
 182 3.0 2.7 4.1

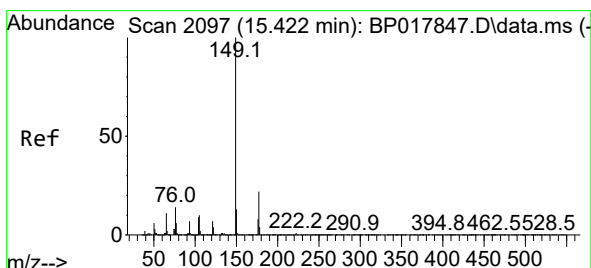
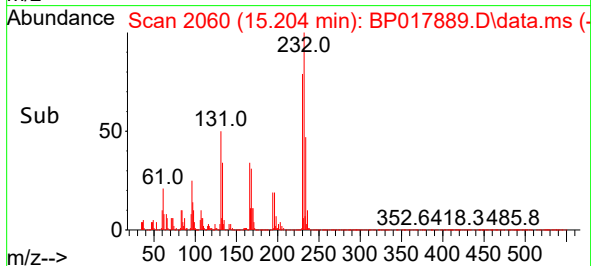
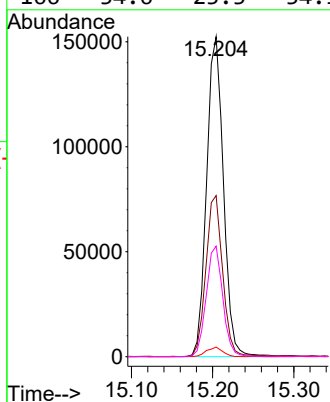
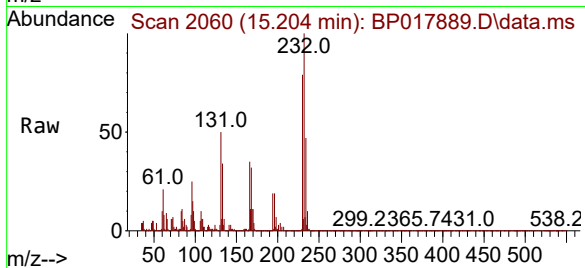




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.165 ng/ul
RT: 15.204 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

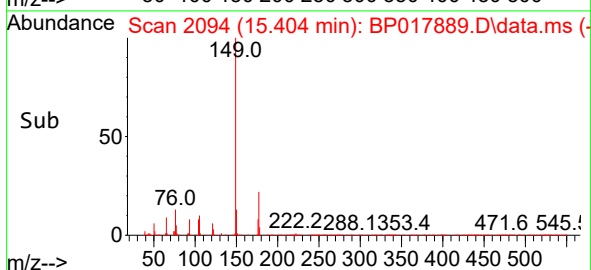
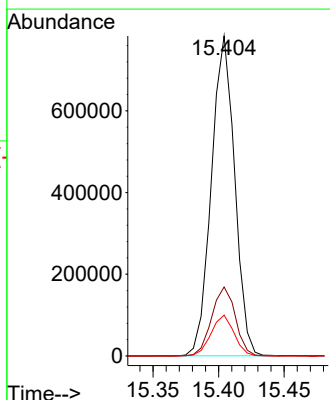
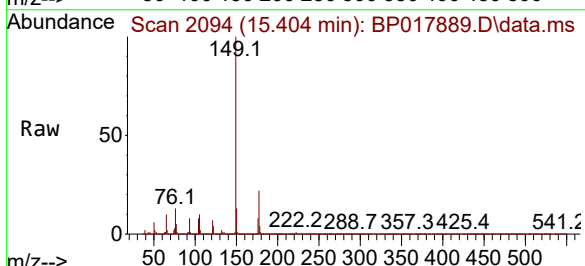
Instrument :
BNA_P
ClientSampleId :
A4937MSD

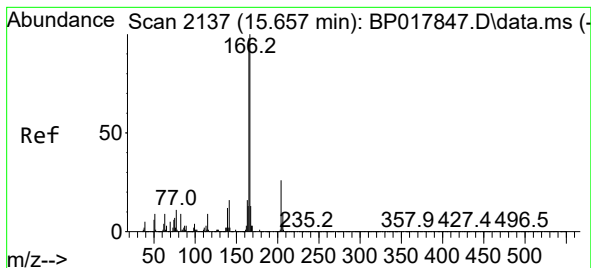
Tgt Ion:232 Resp: 219298
Ion Ratio Lower Upper
232 100
131 50.3 32.9 49.3#
130 3.0 1.8 2.8#
166 34.6 23.3 34.9



#59
Diethylphthalate
Concen: 45.124 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:149 Resp: 965952
Ion Ratio Lower Upper
149 100
177 21.6 18.0 27.0
150 12.7 10.2 15.4





#61

Fluorene

Concen: 40.908 ng/ul

RT: 15.640 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

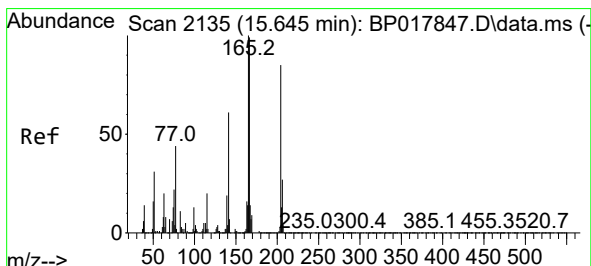
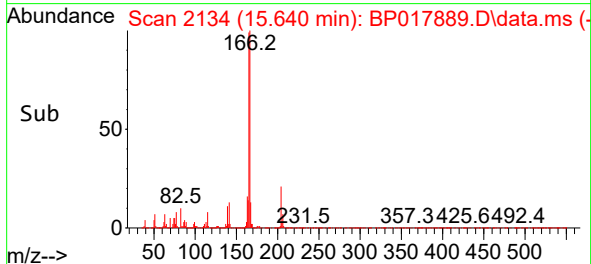
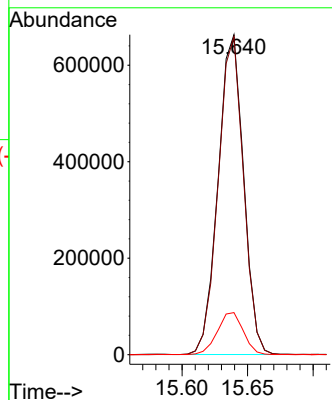
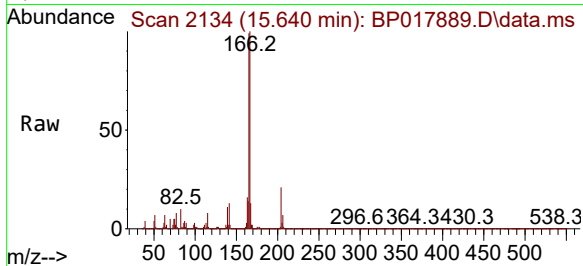
Tgt Ion:166 Resp: 896267

Ion Ratio Lower Upper

166 100

165 99.3 77.4 116.0

167 13.2 10.9 16.3



#62

4-Chlorophenyl-phenylether

Concen: 39.180 ng/ul

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

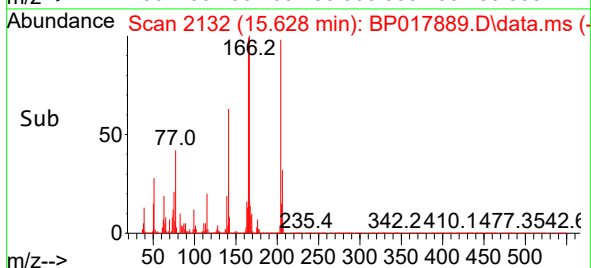
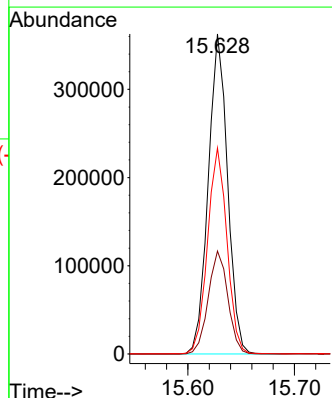
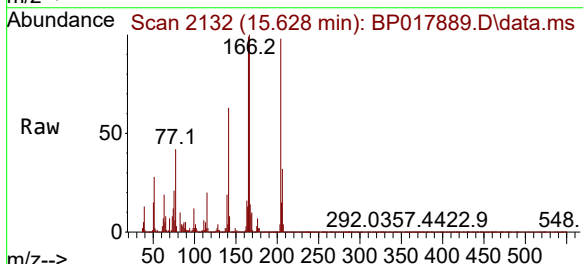
Tgt Ion:204 Resp: 456256

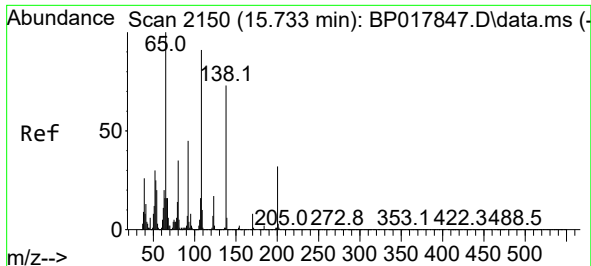
Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.4

141 64.3 42.9 64.3#

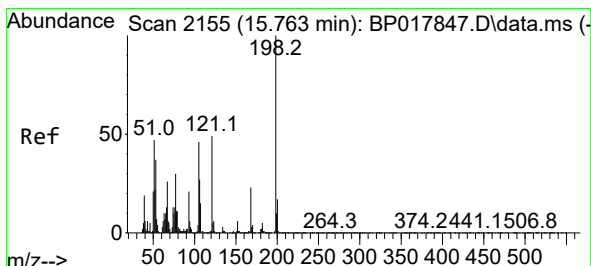
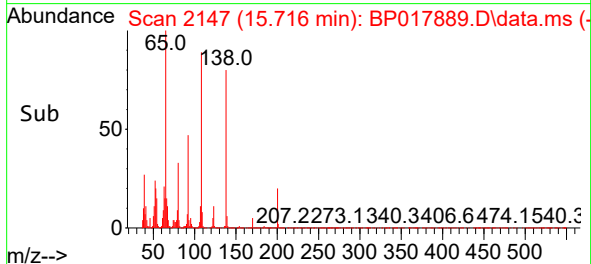
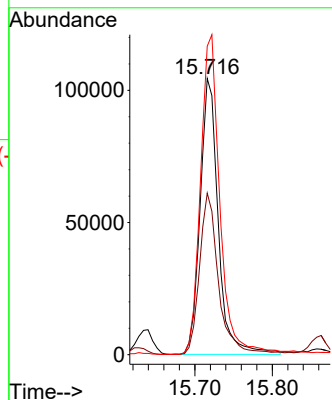
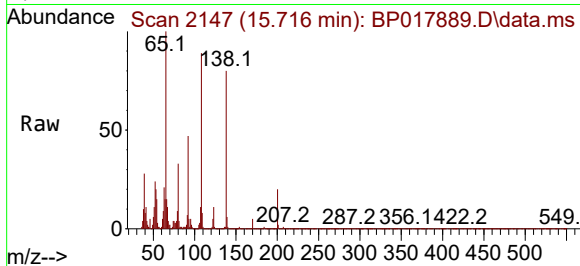




#63
4-Nitroaniline
Concen: 48.446 ng/ul
RT: 15.716 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

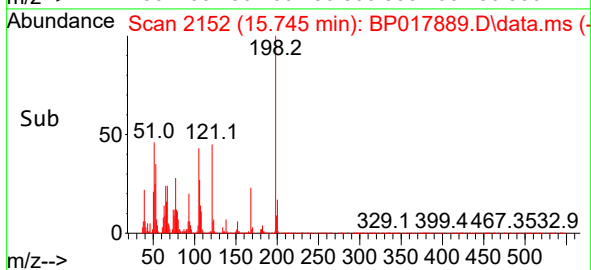
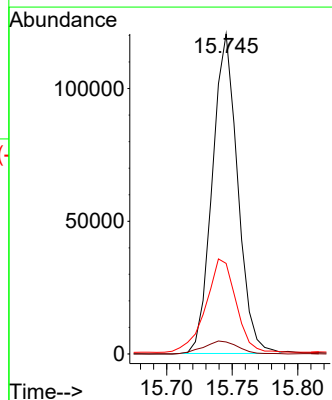
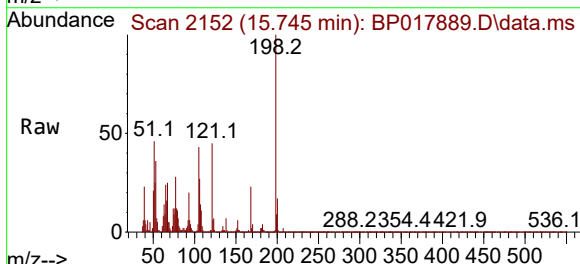
Instrument :
BNA_P
ClientSampleId :
A4937MSD

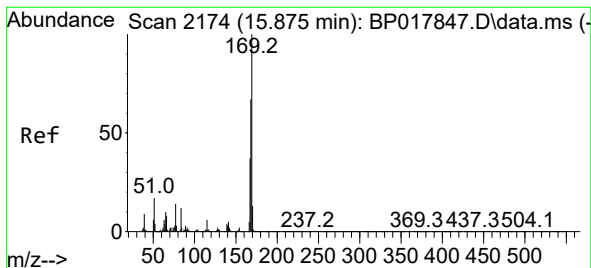
Tgt Ion:138 Resp: 169595
Ion Ratio Lower Upper
138 100
92 58.5 43.0 64.6
108 111.7 82.7 124.1



#66
4,6-Dinitro-2-methylphenol
Concen: 41.232 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:198 Resp: 161934
Ion Ratio Lower Upper
198 100
182 3.7 3.9 5.9#
77 28.3 19.8 29.8





#67

N-Nitrosodiphenylamine

Concen: 44.120 ng/ul

RT: 15.863 min Scan# 2174

Delta R.T. -0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

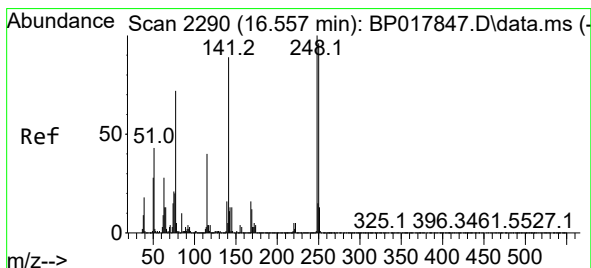
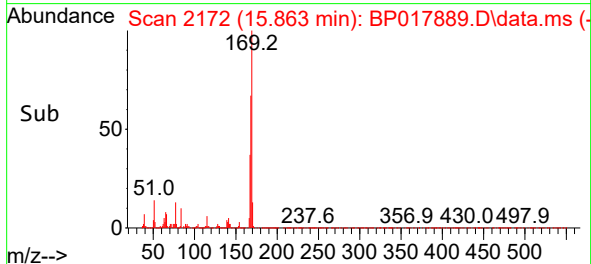
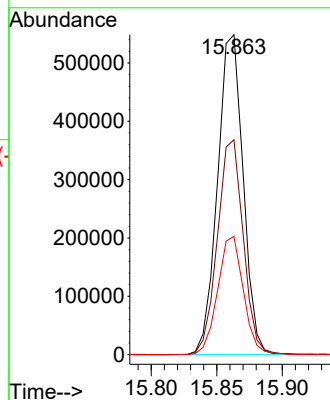
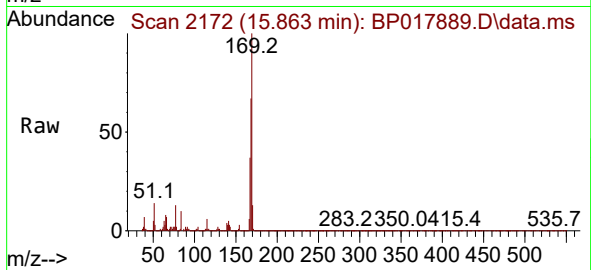
Tgt Ion:169 Resp: 744076

Ion Ratio Lower Upper

169 100

168 67.1 53.7 80.5

167 37.0 29.4 44.0



#68

4-Bromophenyl-phenylether

Concen: 41.511 ng/ul

RT: 16.539 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

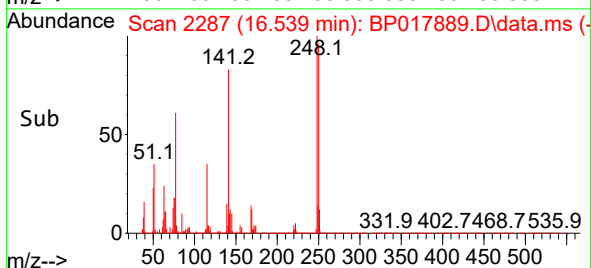
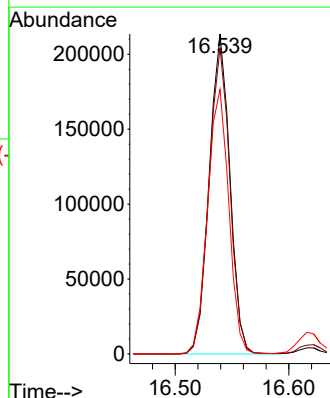
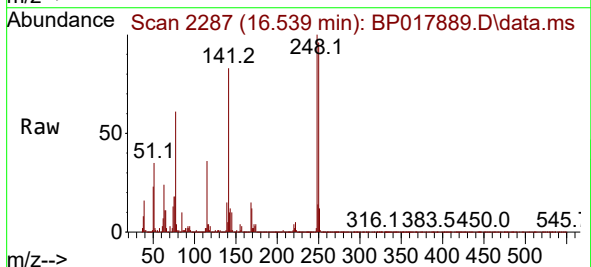
Tgt Ion:248 Resp: 270382

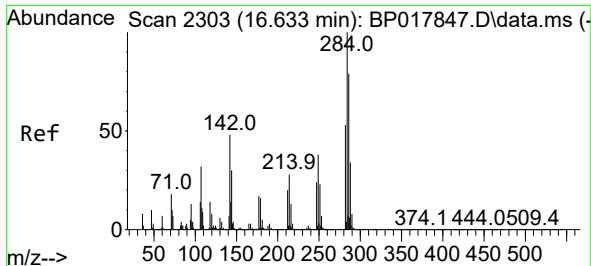
Ion Ratio Lower Upper

248 100

250 95.6 76.8 115.2

141 82.7 52.4 78.6#

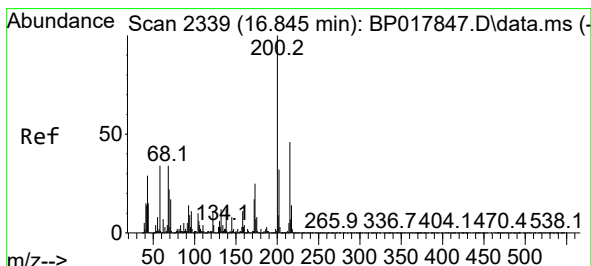
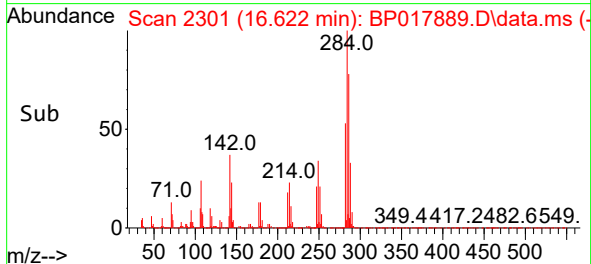
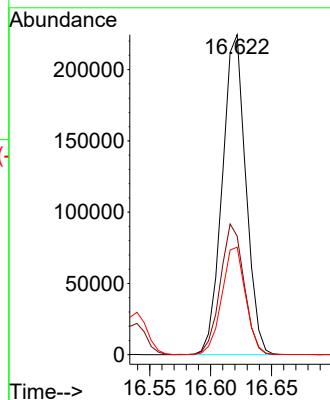
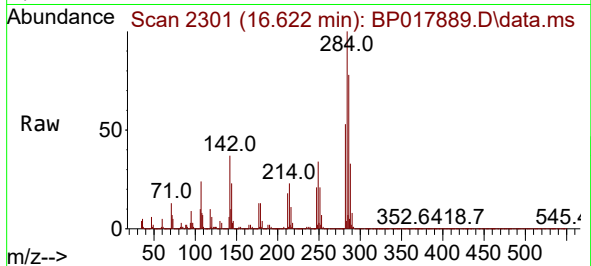




#69
Hexachlorobenzene
Concen: 40.480 ng/ul
RT: 16.622 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

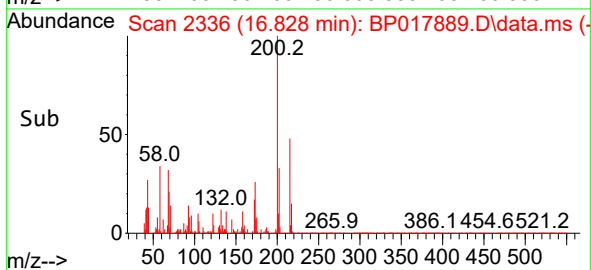
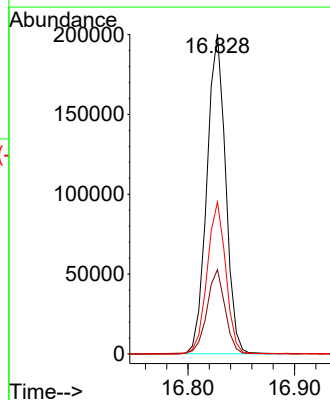
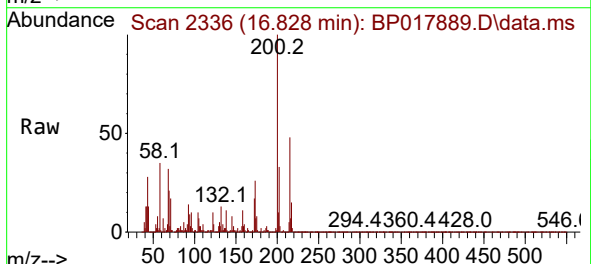
Instrument :
BNA_P
ClientSampleId :
A4937MSD

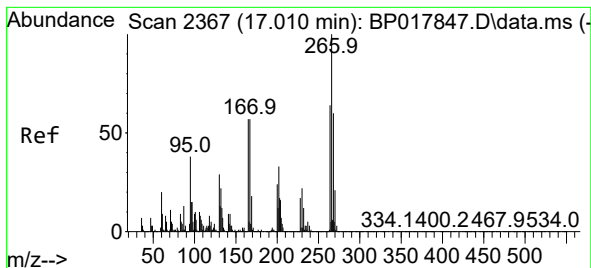
Tgt Ion:284 Resp: 302696
Ion Ratio Lower Upper
284 100
142 37.1 27.6 41.4
249 33.6 24.5 36.7



#70
Atrazine
Concen: 39.476 ng/ul
RT: 16.828 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:200 Resp: 244688
Ion Ratio Lower Upper
200 100
173 26.4 19.8 29.6
215 47.5 38.5 57.7





#71

Pentachlorophenol

Concen: 39.073 ng/ul

RT: 16.992 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

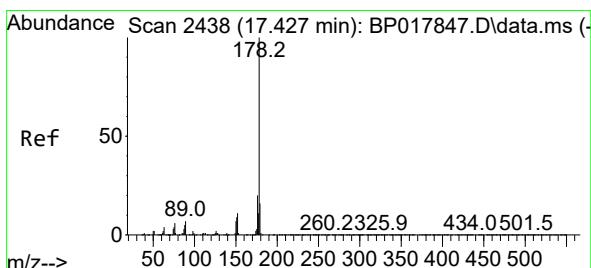
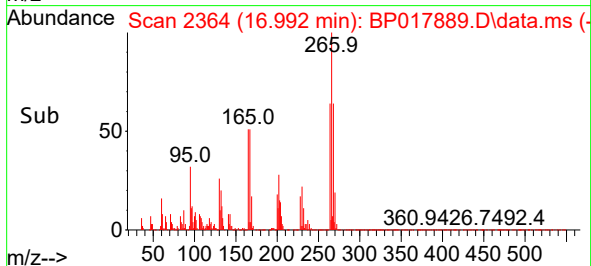
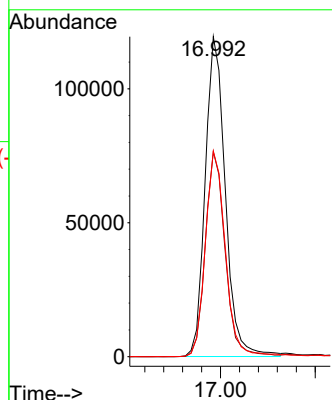
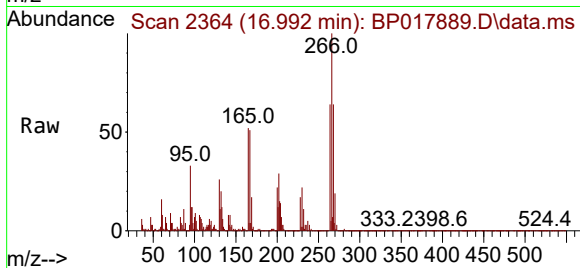
Tgt Ion:266 Resp: 175659

Ion Ratio Lower Upper

266 100

264 64.1 49.4 74.2

268 64.3 50.3 75.5



#72

Phenanthrene

Concen: 42.684 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

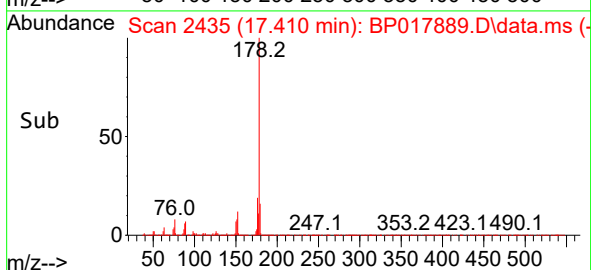
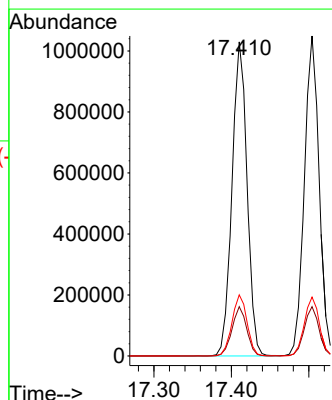
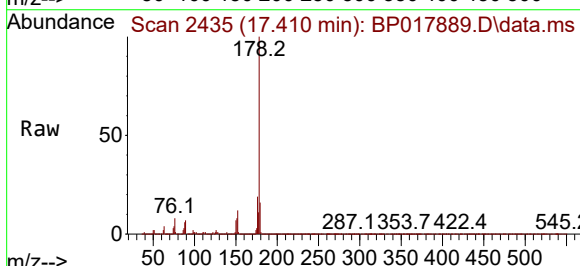
Tgt Ion:178 Resp: 1391927

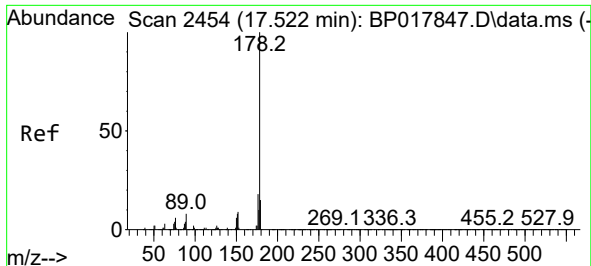
Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

176 19.4 15.3 22.9

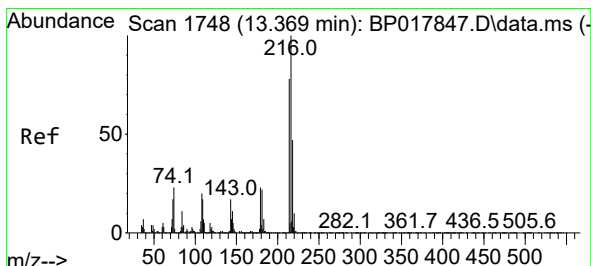
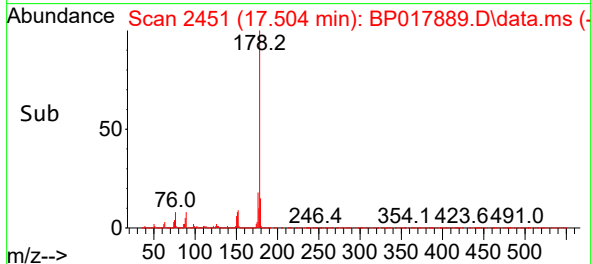
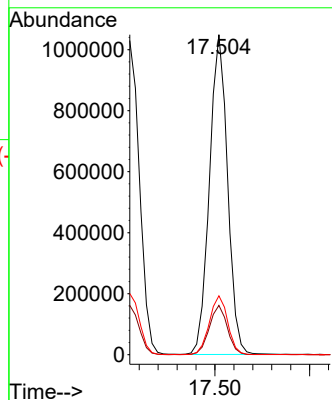
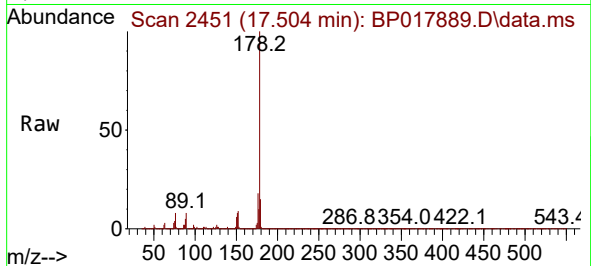




#74
 Anthracene
 Concen: 42.100 ng/uI
 RT: 17.504 min Scan# 2454
 Delta R.T. -0.006 min
 Lab File: BP017889.D
 Acq: 02 Nov 2023 16:39

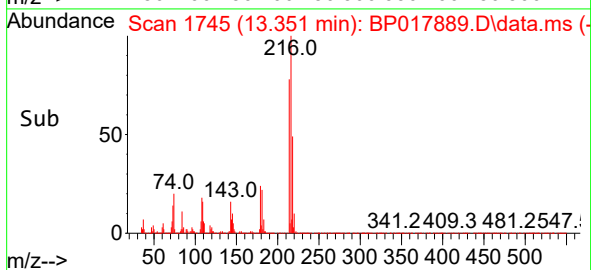
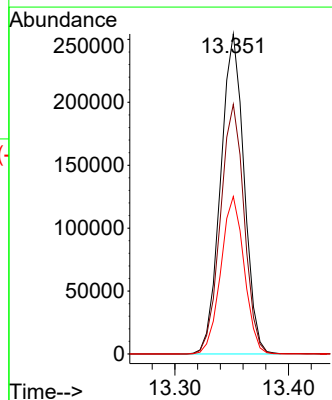
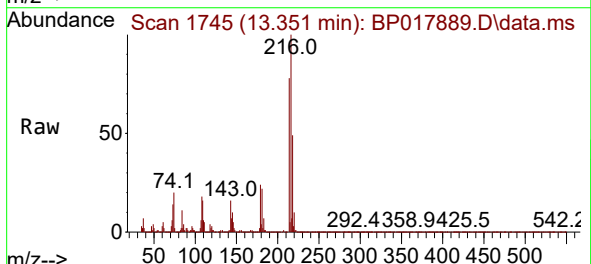
Instrument :
 BNA_P
 ClientSampleId :
 A4937MSD

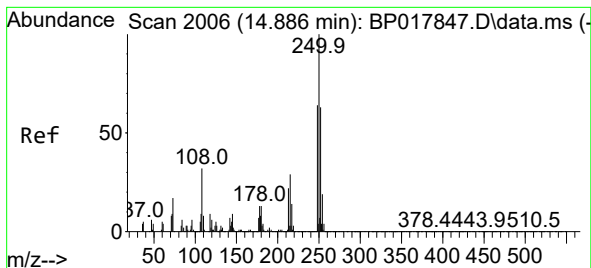
Tgt Ion:178 Resp: 1390511
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.0 18.0
 176 18.4 14.8 22.2



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 39.098 ng/uL
 RT: 13.351 min Scan# 1745
 Delta R.T. -0.012 min
 Lab File: BP017889.D
 Acq: 02 Nov 2023 16:39

Tgt Ion:216 Resp: 365200
 Ion Ratio Lower Upper
 216 100
 214 78.0 60.7 91.1
 218 49.2 38.2 57.4





#76

Pentachlorobenzene

Concen: 37.558 ng/uL

RT: 14.869 min Scan# 2006

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

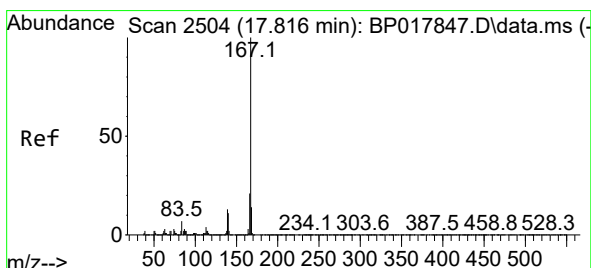
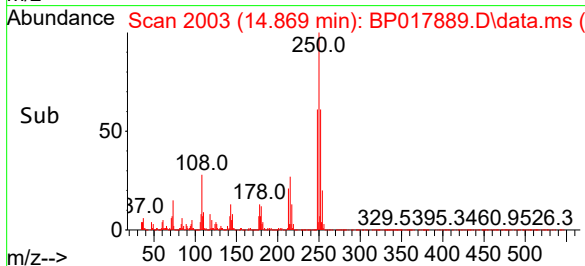
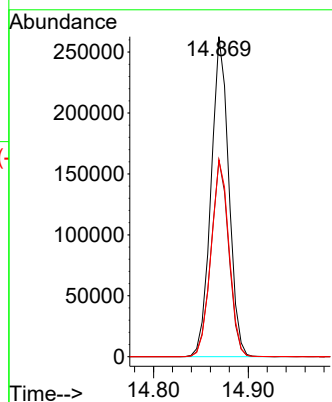
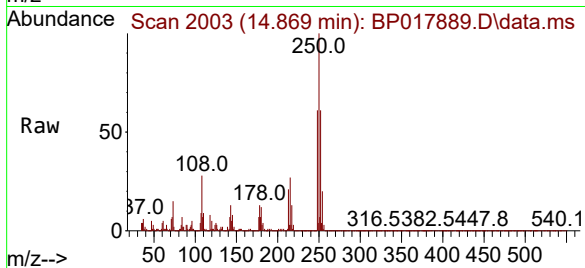
Tgt Ion:250 Resp: 339994

Ion Ratio Lower Upper

250 100

248 61.5 50.2 75.4

252 61.5 49.6 74.4



#77

Carbazole

Concen: 44.565 ng/uL

RT: 17.798 min Scan# 2501

Delta R.T. -0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

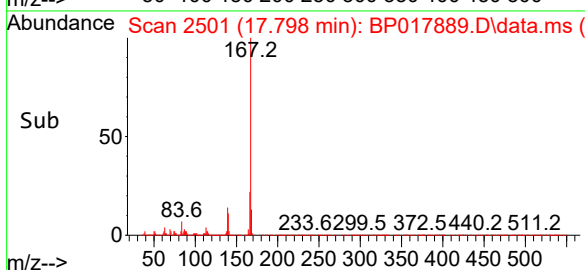
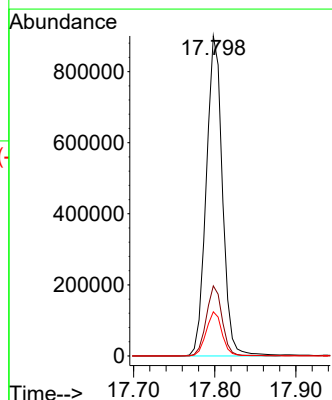
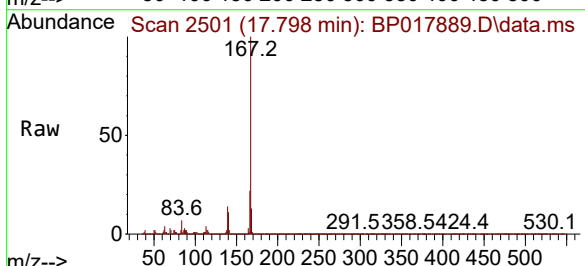
Tgt Ion:167 Resp: 1244009

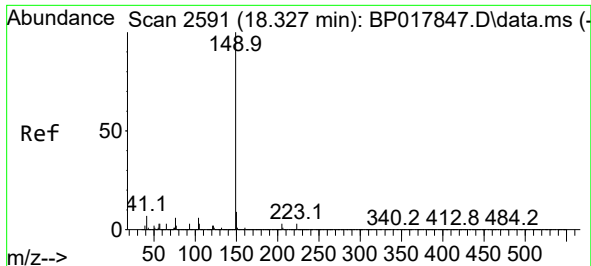
Ion Ratio Lower Upper

167 100

166 21.9 16.7 25.1

139 13.8 9.8 14.6

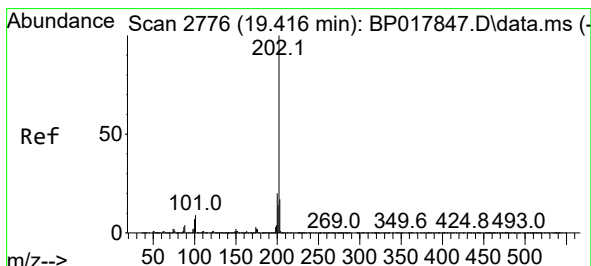
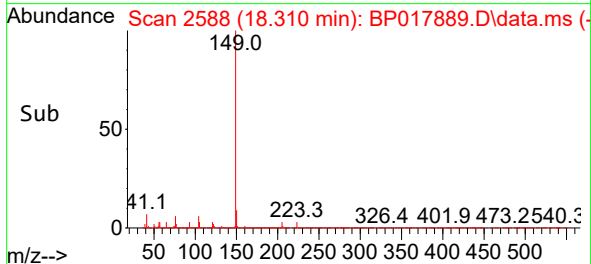
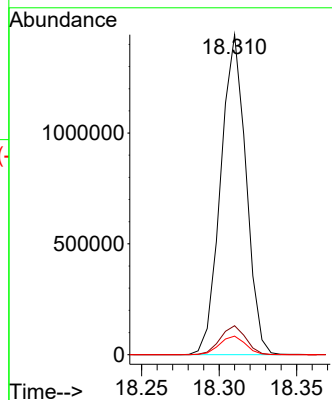
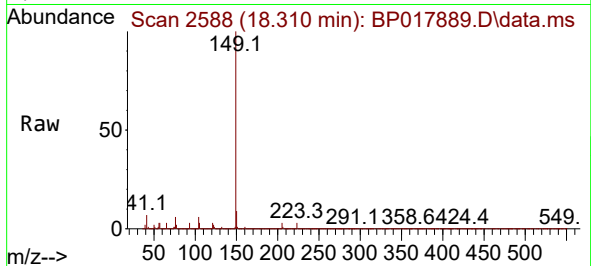




#78
Di-n-butylphthalate
Concen: 50.663 ng/ul
RT: 18.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

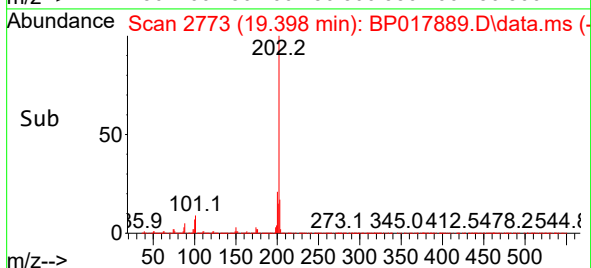
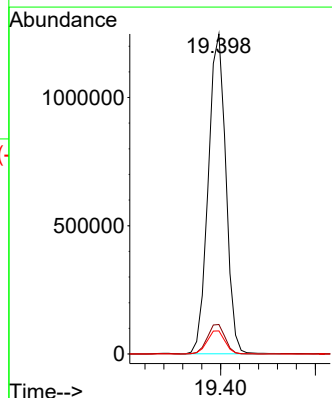
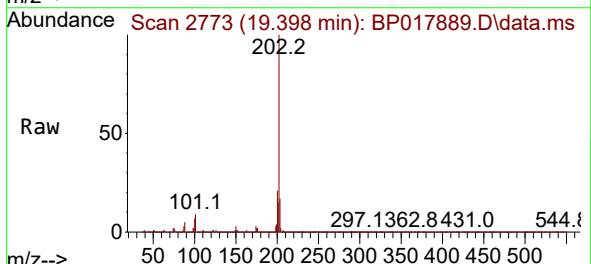
Instrument :
BNA_P
ClientSampleId :
A4937MSD

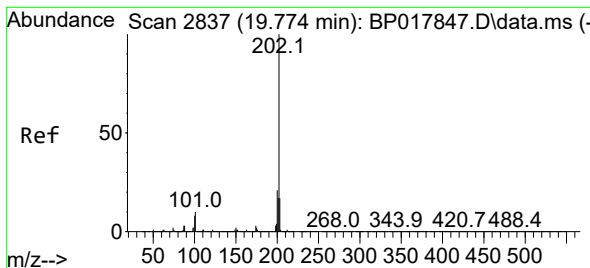
Tgt Ion:149 Resp: 1641866
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 5.8 4.3 6.5



#80
Fluoranthene
Concen: 47.208 ng/ul
RT: 19.398 min Scan# 2773
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:202 Resp: 1611028
Ion Ratio Lower Upper
202 100
101 9.2 7.1 10.7
100 7.2 5.7 8.5





#82

Pyrene

Concen: 46.026 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

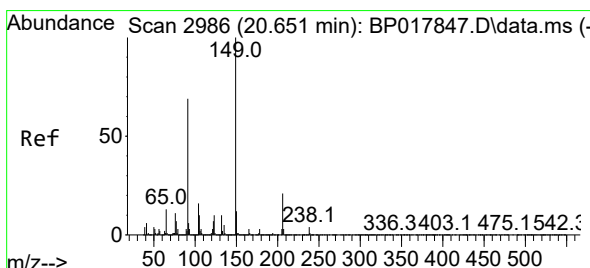
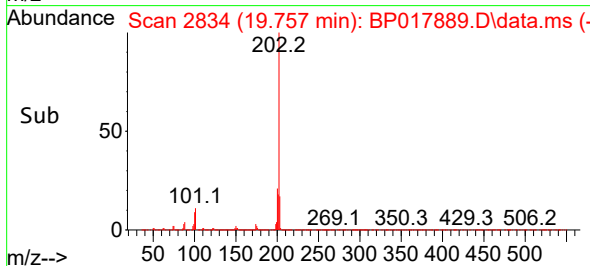
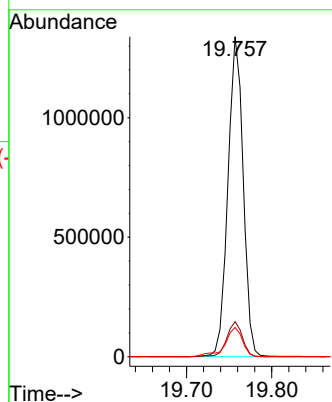
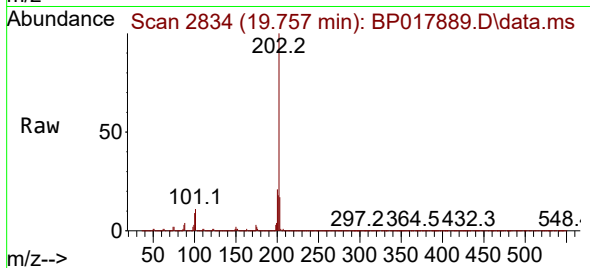
Tgt Ion:202 Resp: 1664091

Ion Ratio Lower Upper

202 100

101 11.0 8.3 12.5

100 9.1 7.4 11.0



#83

Butylbenzylphthalate

Concen: 58.668 ng/ul

RT: 20.627 min Scan# 2982

Delta R.T. -0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

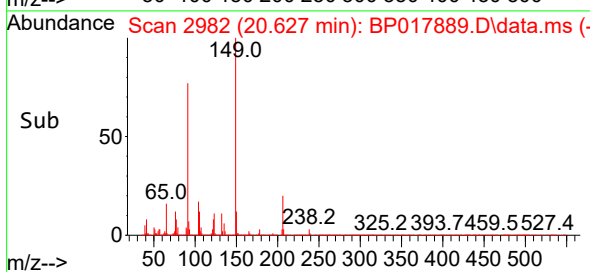
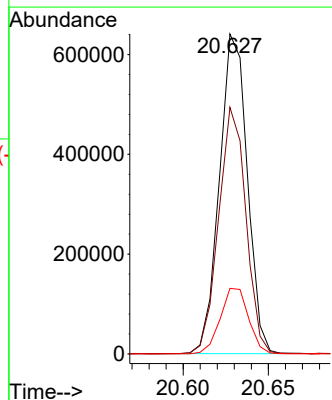
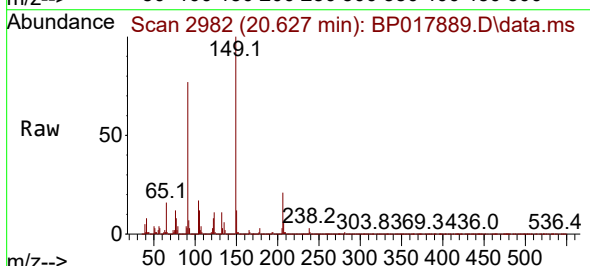
Tgt Ion:149 Resp: 729550

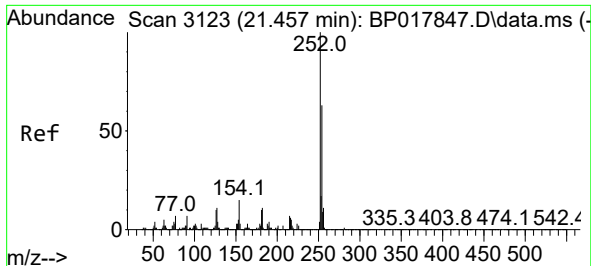
Ion Ratio Lower Upper

149 100

91 77.1 58.8 88.2

206 20.5 17.5 26.3

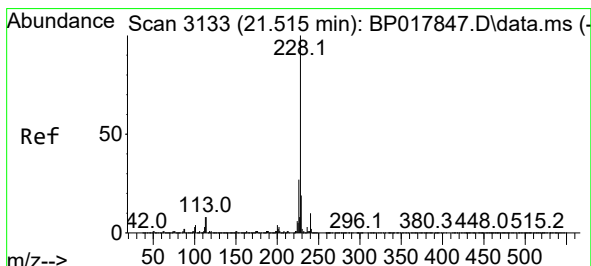
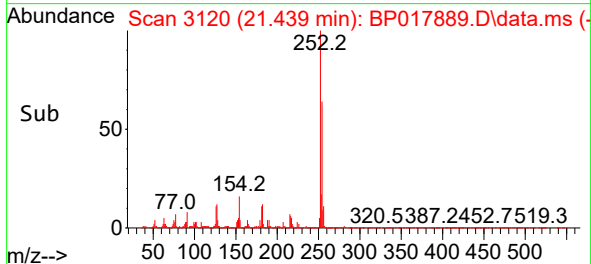
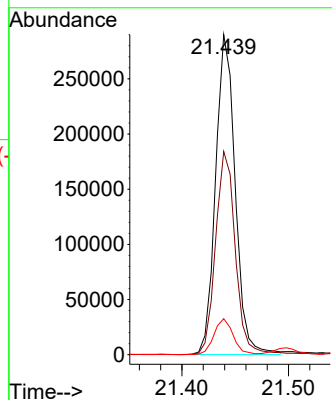
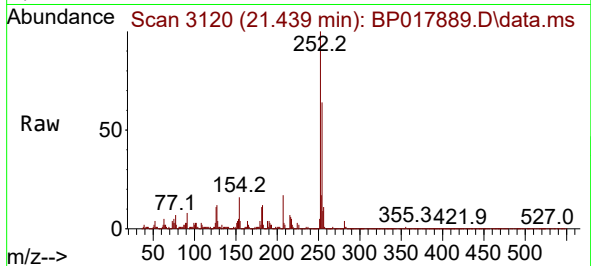




#84
3,3'-Dichlorobenzidine
Concen: 34.563 ng/ul
RT: 21.439 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

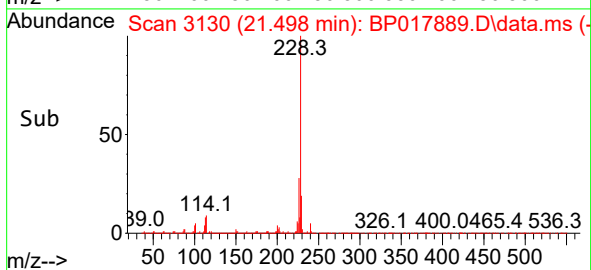
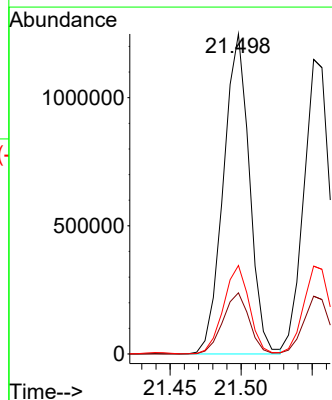
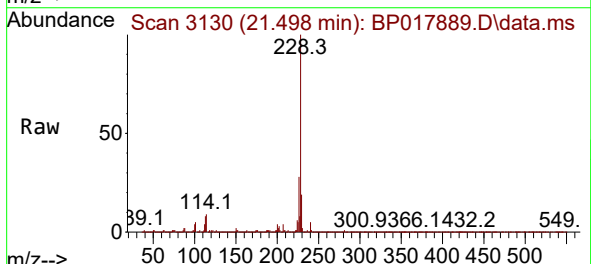
Instrument :
BNA_P
ClientSampleId :
A4937MSD

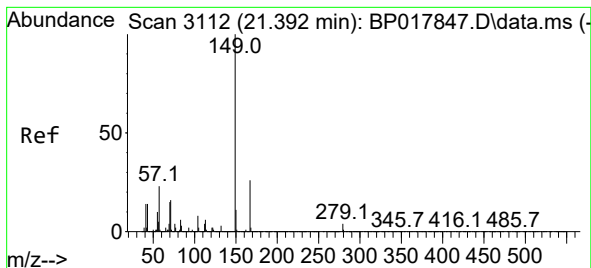
Tgt Ion:252 Resp: 369954
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.8
126 11.3 7.8 11.6



#85
Benzo(a)anthracene
Concen: 44.190 ng/ul
RT: 21.498 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:228 Resp: 1591538
Ion Ratio Lower Upper
228 100
229 19.1 15.6 23.4
226 27.6 21.1 31.7

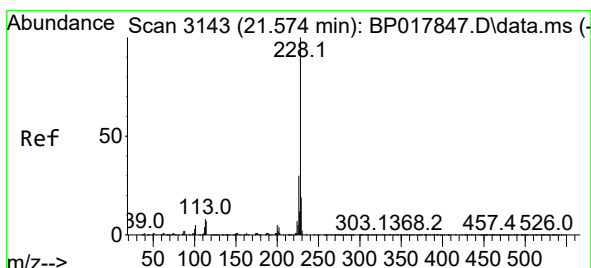
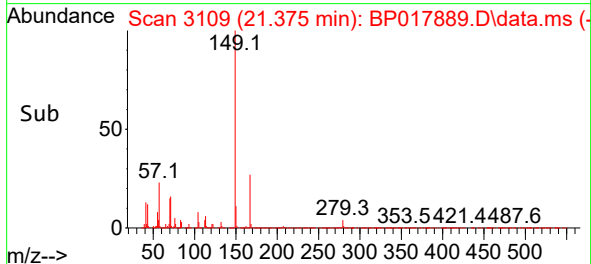
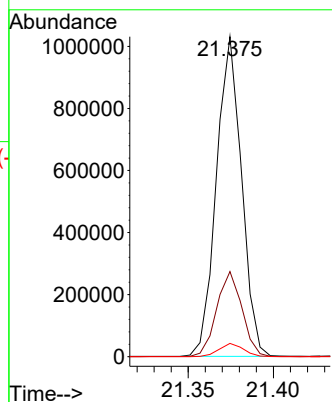
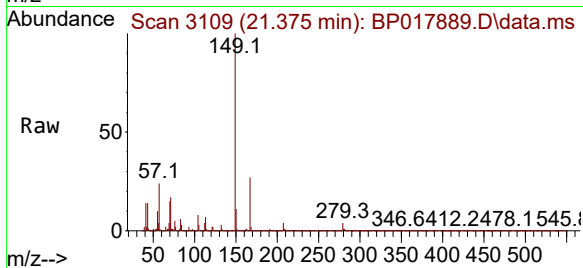




#86
Bis(2-ethylhexyl)phthalate
Concen: 60.958 ng/ul
RT: 21.375 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

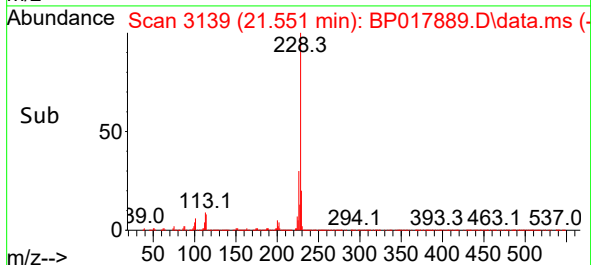
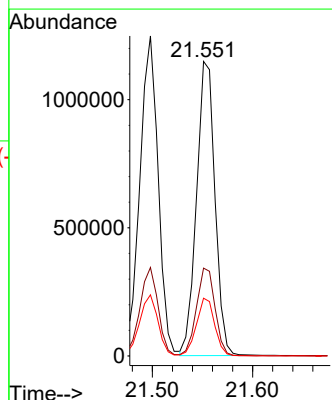
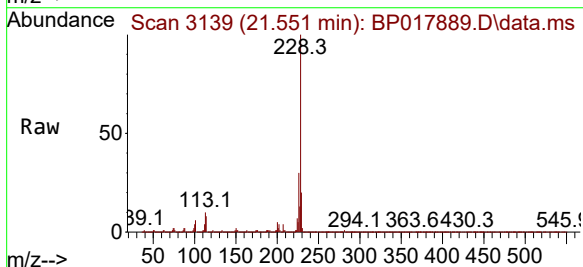
Instrument :
BNA_P
ClientSampleId :
A4937MSD

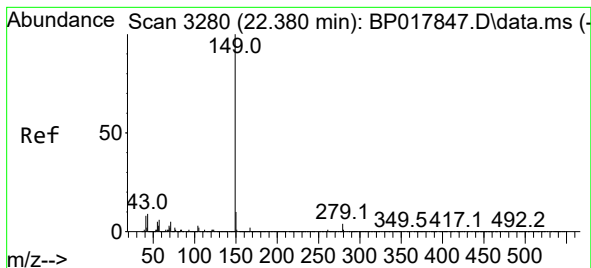
Tgt Ion:149 Resp: 1058171
Ion Ratio Lower Upper
149 100
167 26.6 21.6 32.4
279 4.1 3.6 5.4



#87
Chrysene
Concen: 43.218 ng/ul
RT: 21.551 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BP017889.D
Acq: 02 Nov 2023 16:39

Tgt Ion:228 Resp: 1471957
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.6 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 56.832 ng/ul

RT: 22.357 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

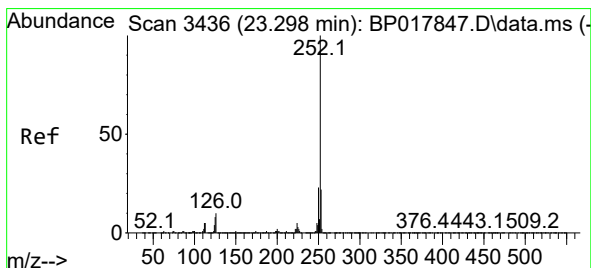
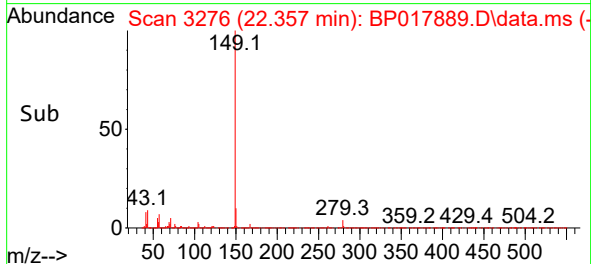
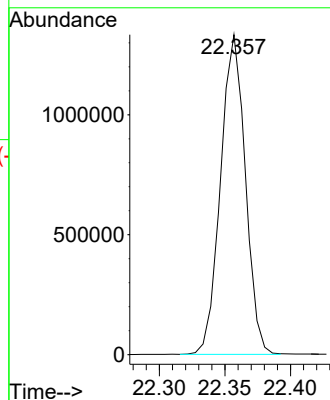
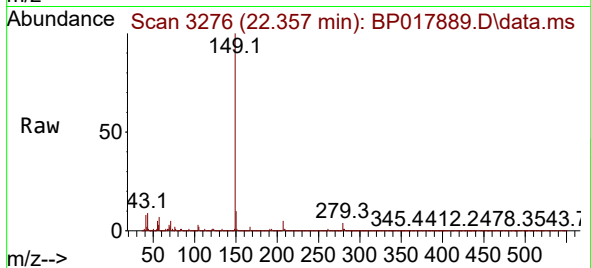
Instrument :

BNA_P

ClientSampleId :

A4937MSD

Tgt Ion:149 Resp: 1751031



#90

Benzo(b)fluoranthene

Concen: 43.973 ng/ul

RT: 23.274 min Scan# 3432

Delta R.T. -0.000 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

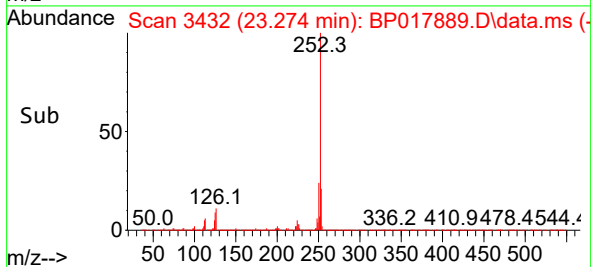
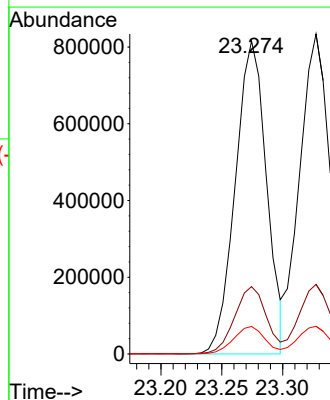
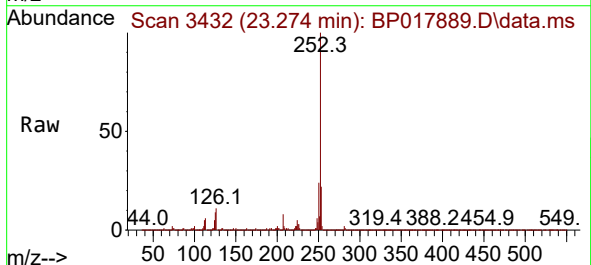
Tgt Ion:252 Resp: 1455674

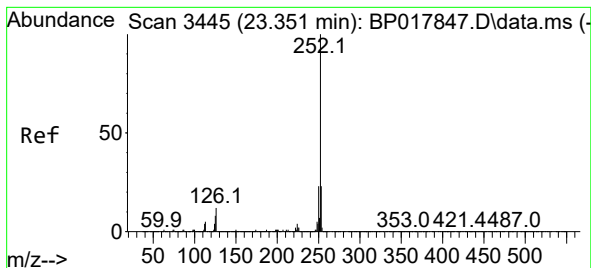
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 8.8 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 43.878 ng/ul

RT: 23.327 min Scan# 3445

Delta R.T. 0.000 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

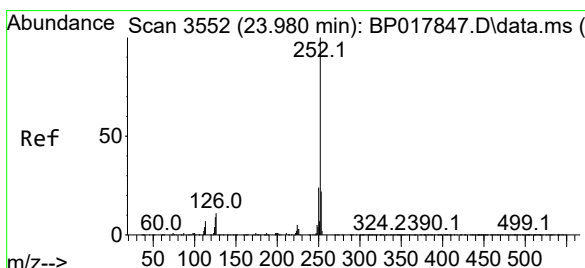
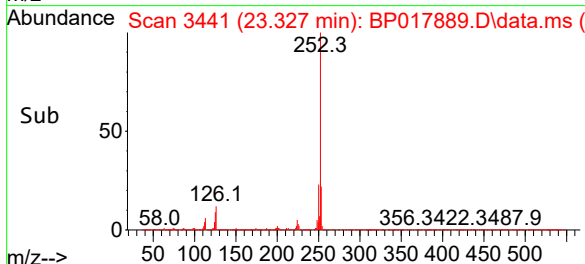
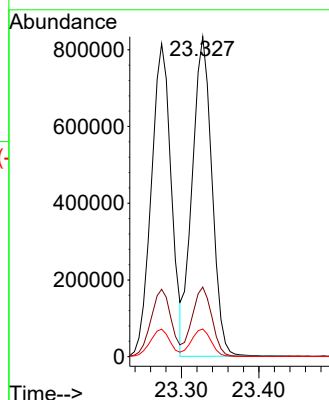
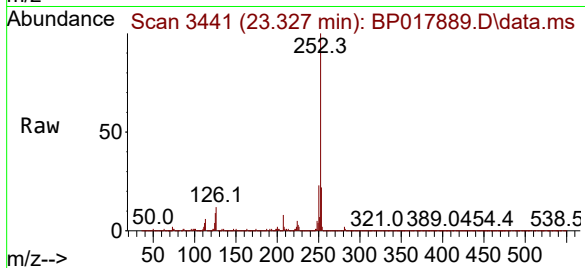
Tgt Ion:252 Resp: 1472138

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 7.0 10.6



#93

Benzo(a)pyrene

Concen: 44.077 ng/ul

RT: 23.957 min Scan# 3548

Delta R.T. -0.000 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

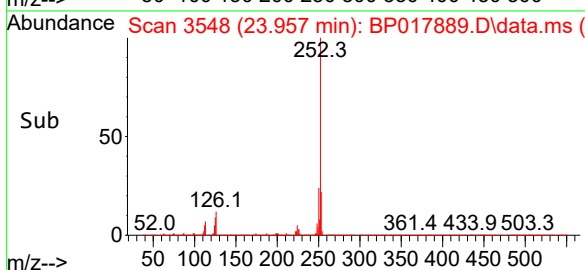
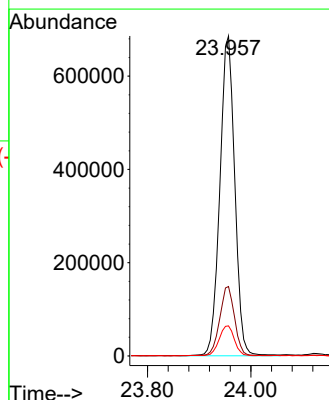
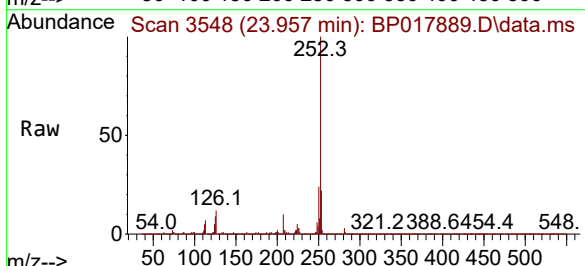
Tgt Ion:252 Resp: 1369815

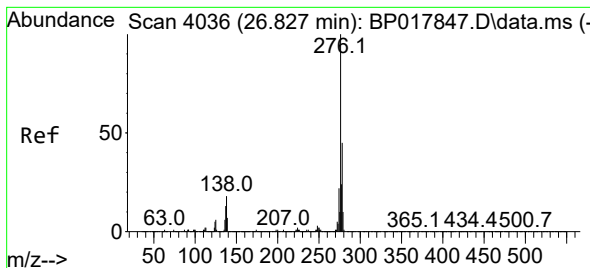
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 9.4 7.8 11.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 42.364 ng/ul

RT: 26.792 min Scan# 4030

Delta R.T. 0.012 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD

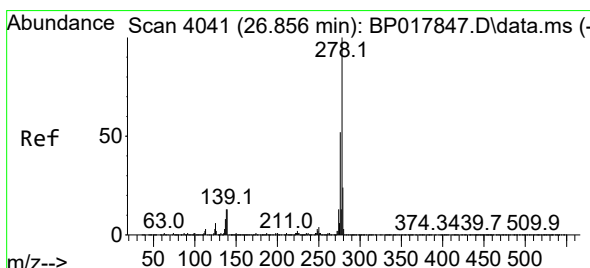
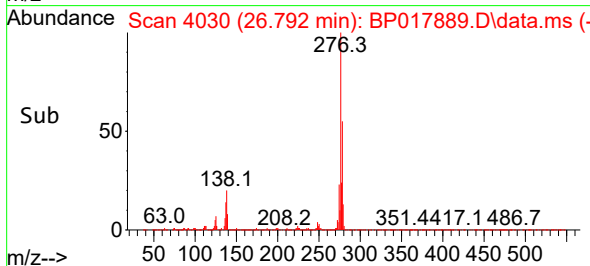
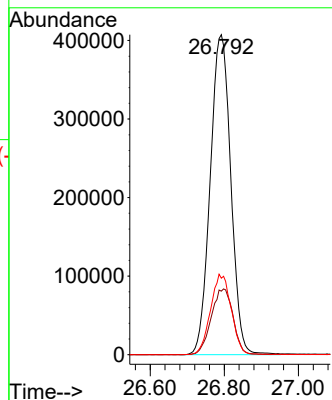
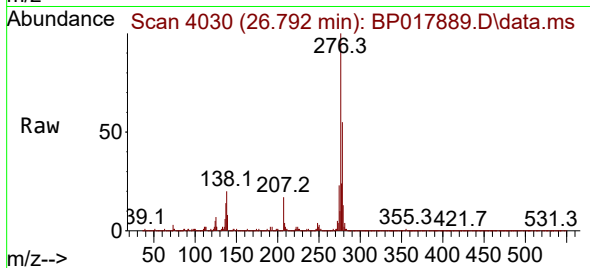
Tgt Ion:276 Resp: 1569143

Ion Ratio Lower Upper

276 100

138 19.8 15.6 23.4

277 23.9 19.4 29.2



#95

Dibenzo(a,h)anthracene

Concen: 41.903 ng/ul

RT: 26.815 min Scan# 4034

Delta R.T. 0.006 min

Lab File: BP017889.D

Acq: 02 Nov 2023 16:39

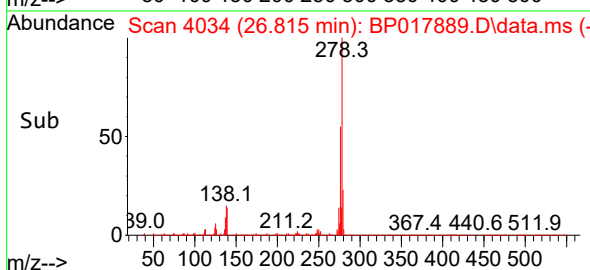
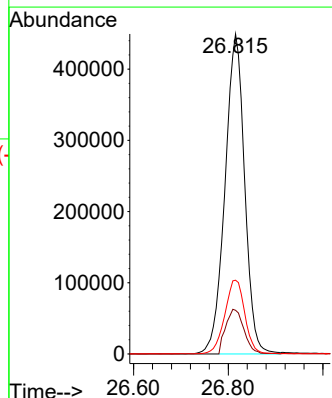
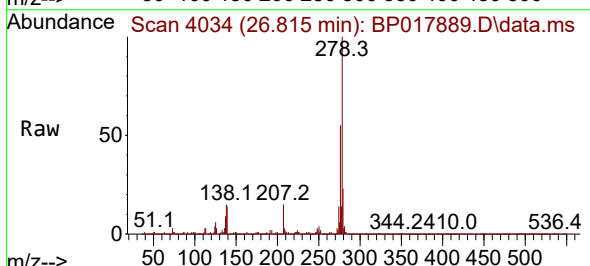
Tgt Ion:278 Resp: 1294992

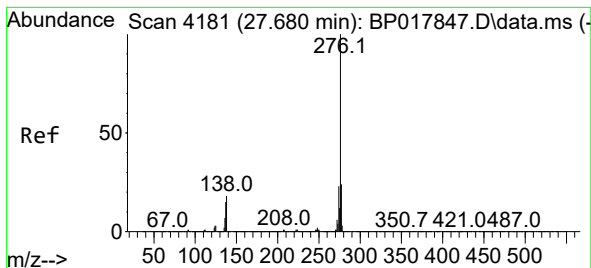
Ion Ratio Lower Upper

278 100

139 13.7 11.4 17.2

279 23.0 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 41.801 ng/ul

RT: 27.633 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP017889.D

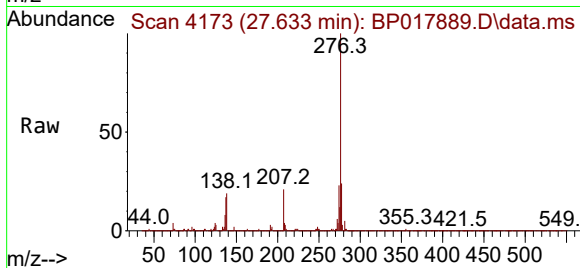
Acq: 02 Nov 2023 16:39

Instrument :

BNA_P

ClientSampleId :

A4937MSD



Tgt Ion:276 Resp: 1247445

Ion Ratio Lower Upper

276 100

138 19.4 15.0 22.6

277 24.3 18.5 27.7

