

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018245.D
 Acq On : 18 Nov 2023 05:20
 Operator : MA/JU
 Sample : PB157215BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:45:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	48809	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	202697	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	144968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	331074	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	308191	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	321295	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	8893	6.427	ng/uL	0.00
4) Pyridine-d5	3.587	84	109003	30.215	ng/u1	0.00
7) Phenol-d5	6.946	99	139782	29.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	85861	31.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	113640	30.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	118080	30.580	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	54764	29.988	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	64926	31.382	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	116044	31.470	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	145016	28.677	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	430281	32.168	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	457026	31.370	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	55449	27.742	ng/u1	-0.01
60) Fluorene-d10	15.463	176	353891	32.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	77305	32.299	ng/u1	0.00
73) Anthracene-d10	17.339	188	566033	31.612	ng/u1	0.00
81) Pyrene-d10	19.598	212	695064	33.764	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	677145	36.245	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	19075	12.634	ng/uL	97
5) Pyridine	3.611	79	116317	31.240	ng/u1	98
6) Benzaldehyde	6.952	77	86039	33.903	ng/u1	98
8) Phenol	6.975	94	137434	29.565	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	107512	29.812	ng/u1	97
12) 2-Chlorophenol	7.334	128	114548	30.574	ng/u1	99
13) 2-Methylphenol	8.234	108	108556	30.908	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.287	45	86583	21.026	ng/u1	96
16) Acetophenone	8.640	105	192013	31.284	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	103645	30.930	ng/u1	96
18) 4-Methylphenol	8.569	108	116254	30.350	ng/u1	97
19) Hexachloroethane	8.822	117	59330	33.098	ng/u1	94
22) Nitrobenzene	9.028	77	155001	31.434	ng/u1	97
23) Isophorone	9.534	82	265996	29.562	ng/u1	97
25) 2-Nitrophenol	9.728	139	65372	30.749	ng/u1	94
26) 2,4-Dimethylphenol	9.775	107	110678	24.473	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	147983	30.160	ng/u1	98
29) 2,4-Dichlorophenol	10.252	162	107452	30.516	ng/u1	98
30) Naphthalene	10.646	128	378830	30.732	ng/u1	99
32) 4-Chloroaniline	10.799	127	132860	27.430	ng/u1	98
33) Hexachlorobutadiene	10.857	225	85651	33.134	ng/u1	97
34) Caprolactam	11.634	113	38465	32.883	ng/u1	97
35) 4-Chloro-3-methylphenol	11.916	107	142647	33.673	ng/u1	96
36) 2-Methylnaphthalene	12.263	142	278887	32.954	ng/u1	99

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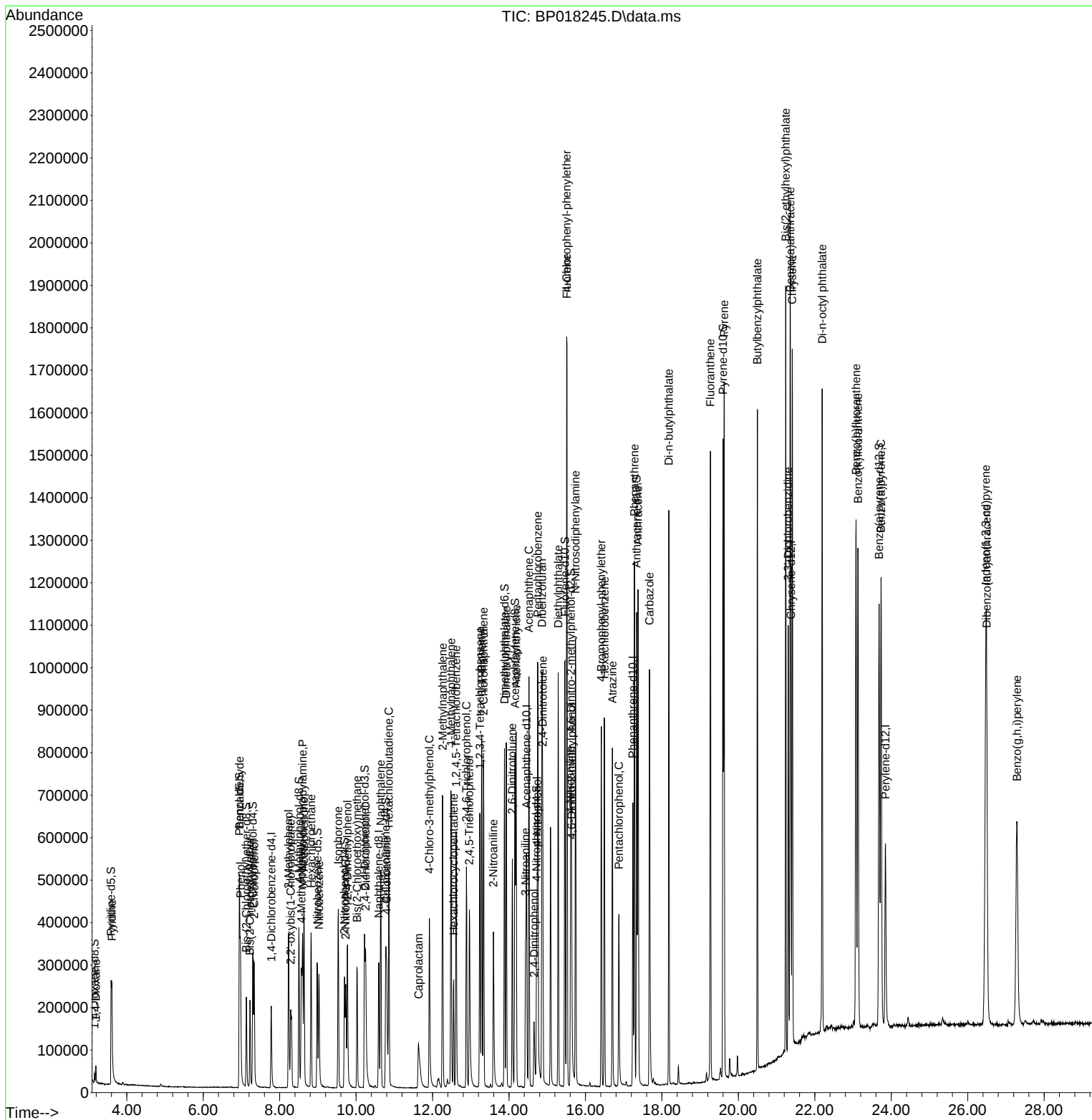
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 BNA_M
 ClientSampleId :

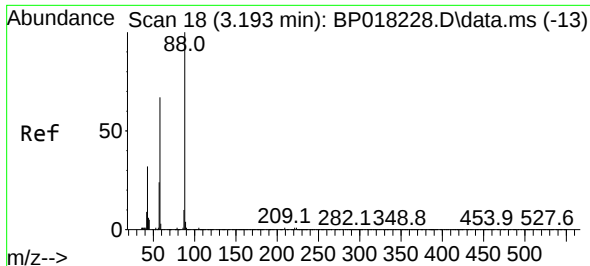
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 18:13:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	279556	32.146	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	162278	33.136	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	58798	24.873	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	104402	32.497	ng/ul	95
42) 2,4,5-Trichlorophenol	12.963	196	106460	31.487	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	390480	31.677	ng/ul	98
44) 2-Chloronaphthalene	13.334	162	310521	31.728	ng/ul	99
45) 2-Nitroaniline	13.593	65	104702	33.152	ng/ul	95
47) Dimethylphthalate	13.928	163	430351	32.799	ng/ul	99
48) 2,6-Dinitrotoluene	14.087	165	84066	32.234	ng/ul	97
50) Acenaphthylene	14.187	152	515399	31.334	ng/ul	99
51) 3-Nitroaniline	14.434	138	79610	32.896	ng/ul#	90
52) Acenaphthene	14.522	153	348364	31.940	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	36753	25.833	ng/ul	93
55) 4-Nitrophenol	14.734	109	88606	33.396	ng/ul	90
56) Dibenzofuran	14.863	168	484006	32.382	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	130321	33.446	ng/ul	99
59) Diethylphthalate	15.287	149	459915	33.550	ng/ul	99
61) Fluorene	15.516	166	416501	32.822	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	211453	34.004	ng/ul	100
63) 4-Nitroaniline	15.610	138	74393	32.576	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.639	198	78663	31.673	ng/ul	99
67) N-Nitrosodiphenylamine	15.739	169	345697	32.559	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	126869	34.000	ng/ul	91
69) Hexachlorobenzene	16.498	284	146526	35.191	ng/ul	93
70) Atrazine	16.704	200	131930	35.621	ng/ul	99
71) Pentachlorophenol	16.875	266	61364	24.279	ng/ul	99
72) Phenanthrene	17.281	178	671682	33.042	ng/ul	100
74) Anthracene	17.375	178	661994	31.912	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	165385	32.712	ng/uL	99
76) Pentachlorobenzene	14.751	250	168372	34.019	ng/uL	95
77) Carbazole	17.675	167	607714	33.735	ng/ul	99
78) Di-n-butylphthalate	18.181	149	816014	35.701	ng/ul	98
80) Fluoranthene	19.269	202	814232	33.868	ng/ul	98
82) Pyrene	19.628	202	860366	34.151	ng/ul	98
83) Butylbenzylphthalate	20.498	149	377201	35.603	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.304	252	252162	34.246	ng/ul	99
85) Benzo(a)anthracene	21.357	228	834467	33.532	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	532833	36.477	ng/ul	99
87) Chrysene	21.410	228	772239	33.169	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	932122	38.793	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	804402	35.179	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	794736	34.546	ng/ul	99
93) Benzo(a)pyrene	23.733	252	777414	36.002	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.474	276	879339	33.953	ng/ul	100
95) Dibenzo(a,h)anthracene	26.498	278	734561	34.446	ng/ul	98
96) Benzo(g,h,i)perylene	27.292	276	697683	33.680	ng/ul	96

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

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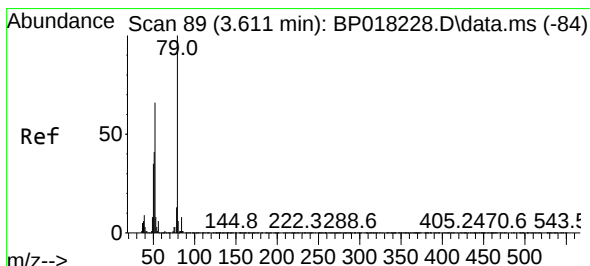
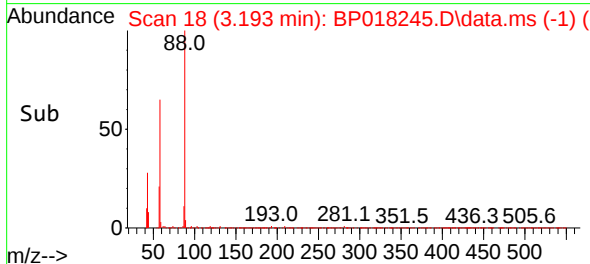
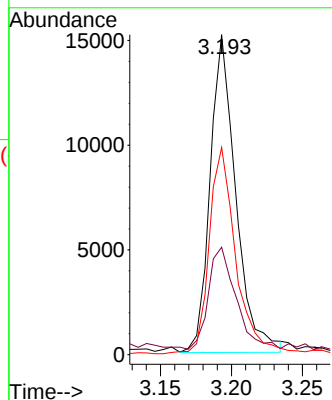
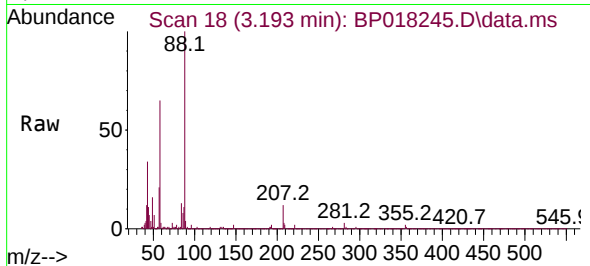




#2
 1,4-Dioxane
 Concen: 12.634 ng/uL
 RT: 3.193 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

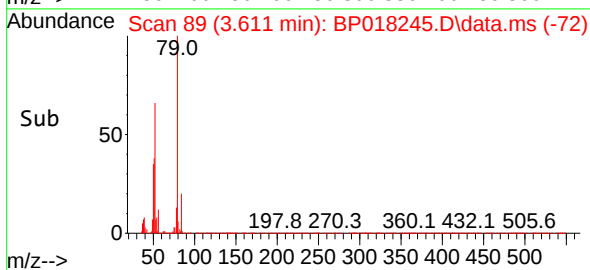
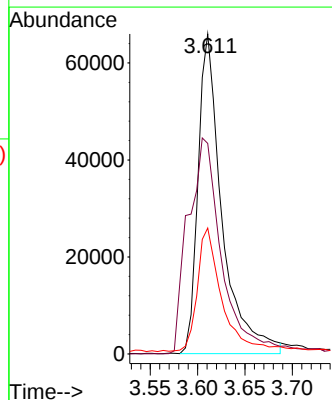
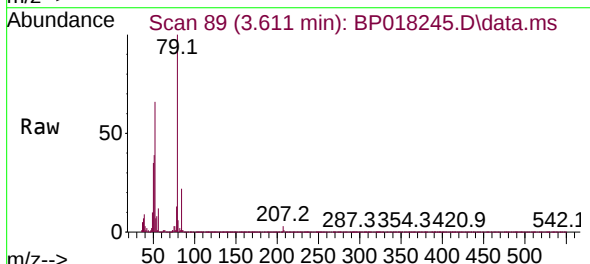
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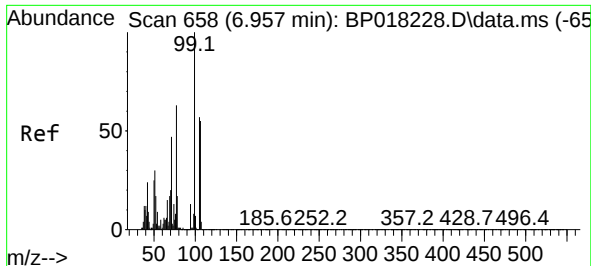
Tgt Ion: 88 Resp: 19075
 Ion Ratio Lower Upper
 88 100
 43 33.6 25.4 38.2
 58 64.7 53.3 79.9



#5
 Pyridine
 Concen: 31.240 ng/uL
 RT: 3.611 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

Tgt Ion: 79 Resp: 116317
 Ion Ratio Lower Upper
 79 100
 52 65.8 53.9 80.9
 51 39.3 32.2 48.2

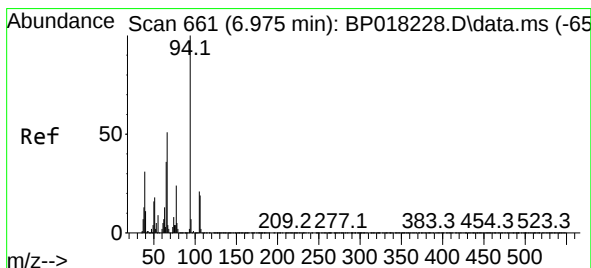
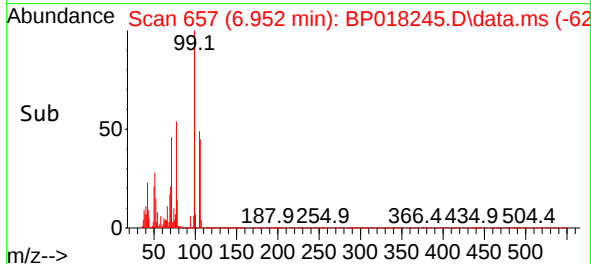
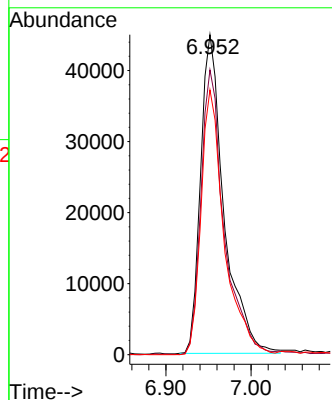
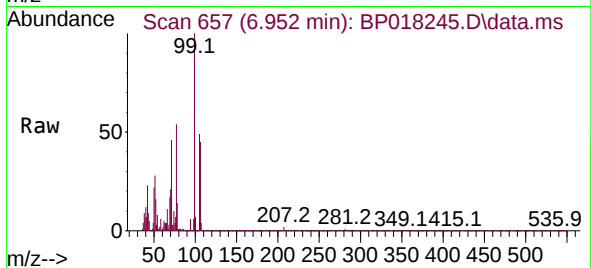




#6
Benzaldehyde
Concen: 33.903 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

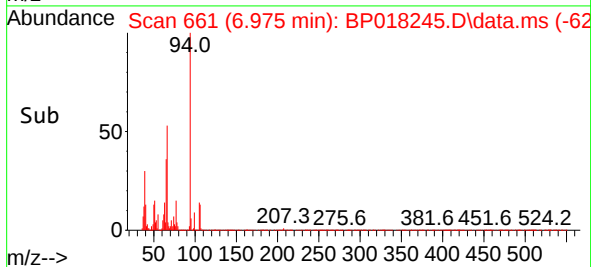
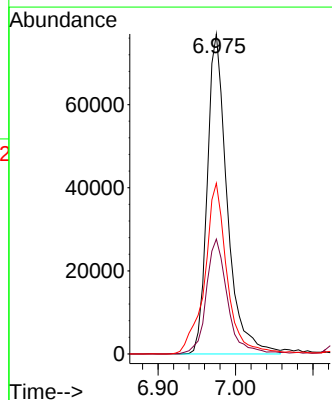
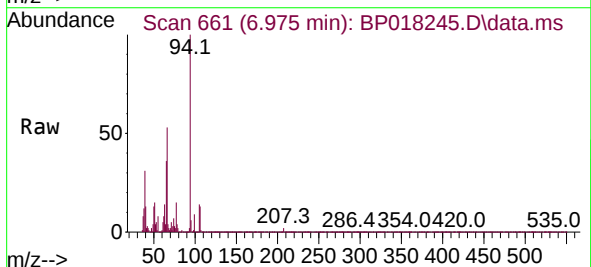
Instrument :
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ClientSampleId :

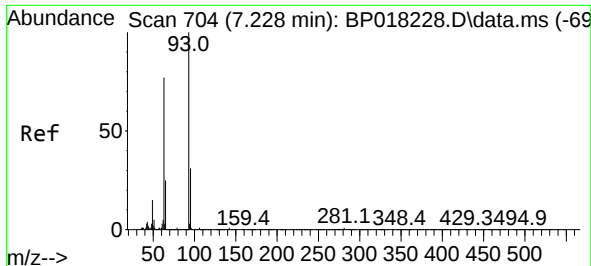
Tgt Ion: 77 Resp: 86039
Ion Ratio Lower Upper
77 100
105 89.0 72.7 109.1
106 82.8 67.5 101.3



#8
Phenol
Concen: 29.565 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

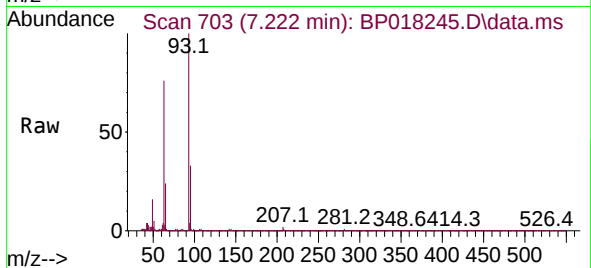
Tgt Ion: 94 Resp: 137434
Ion Ratio Lower Upper
94 100
65 35.9 28.2 42.2
66 53.4 40.3 60.5





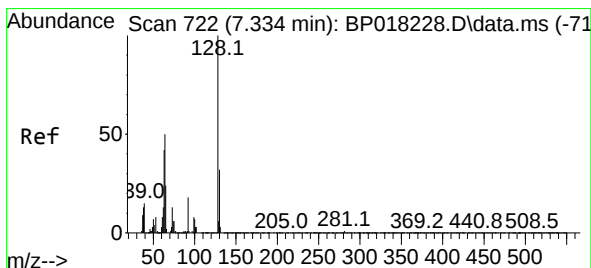
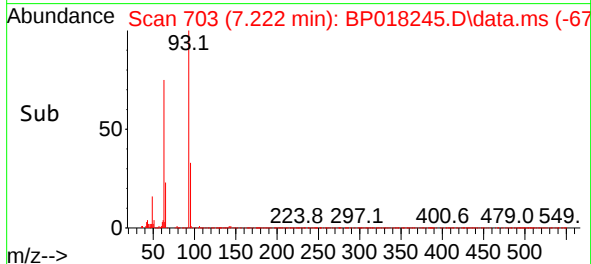
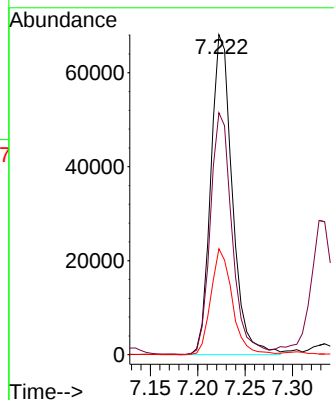
#10
 Bis(2-Chloroethyl)ether
 Concen: 29.812 ng/ul
 RT: 7.222 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 107512

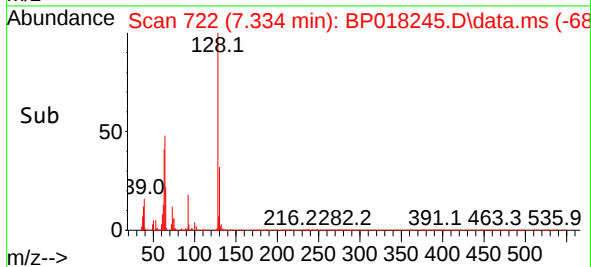
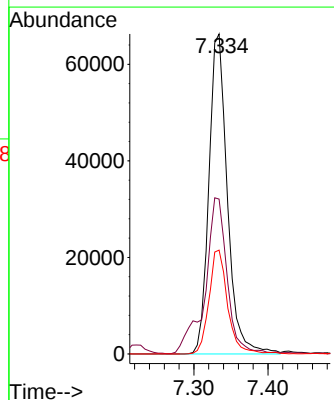
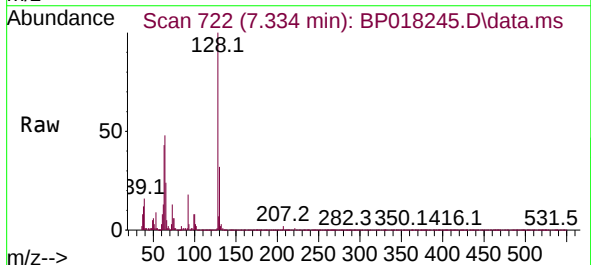
Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.8	86.6
95	33.1	25.5	38.3

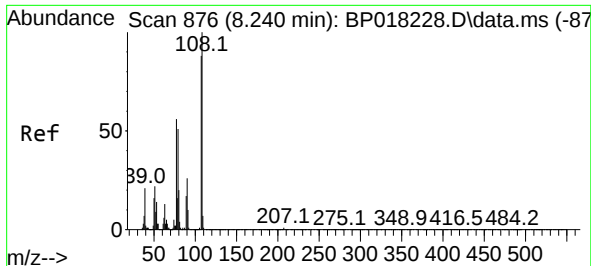


#12
 2-Chlorophenol
 Concen: 30.574 ng/ul
 RT: 7.334 min Scan# 722
 Delta R.T. -0.006 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

Tgt Ion: 128 Resp: 114548

Ion	Ratio	Lower	Upper
128	100		
64	48.4	39.2	58.8
130	32.5	26.6	40.0





#13

2-Methylphenol

Concen: 30.908 ng/ul

RT: 8.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

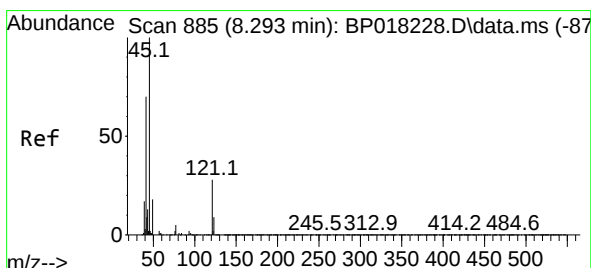
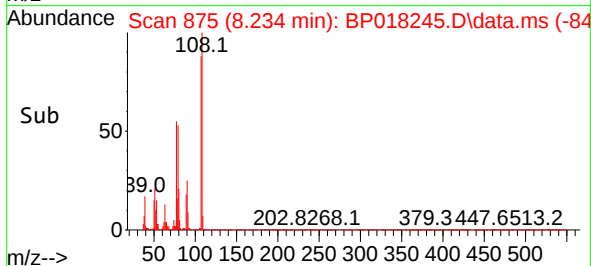
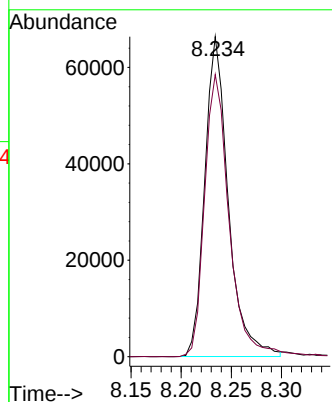
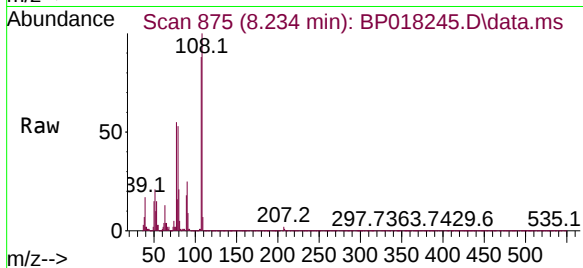
ClientSampleId :

Tgt Ion:108 Resp: 108556

Ion Ratio Lower Upper

108 100

107 88.2 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.026 ng/ul

RT: 8.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

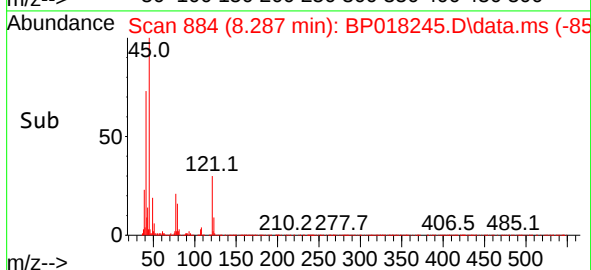
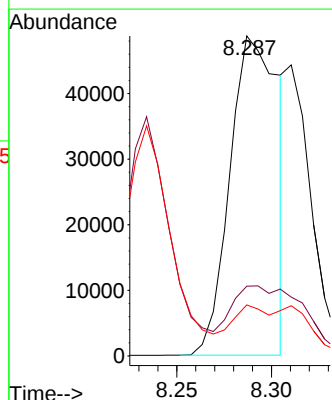
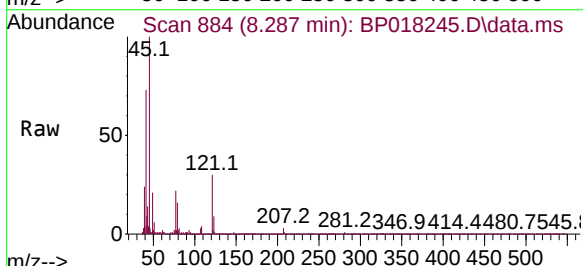
Tgt Ion: 45 Resp: 86583

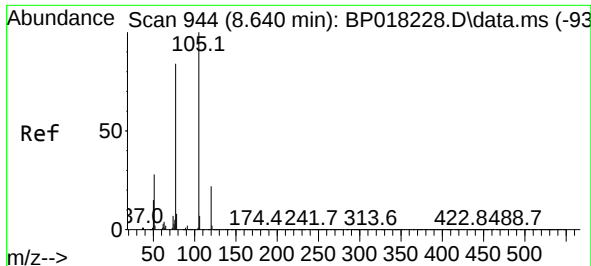
Ion Ratio Lower Upper

45 100

77 21.8 16.1 24.1

79 16.0 11.1 16.7

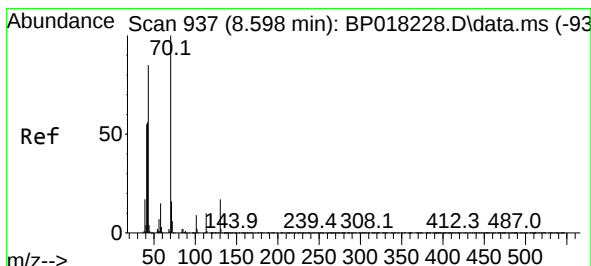
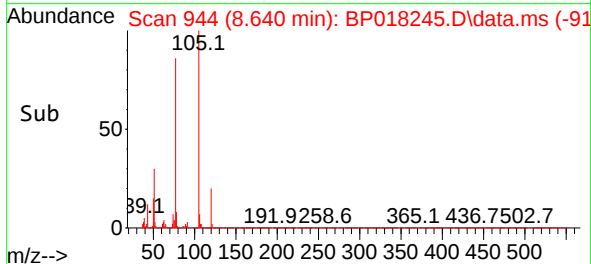
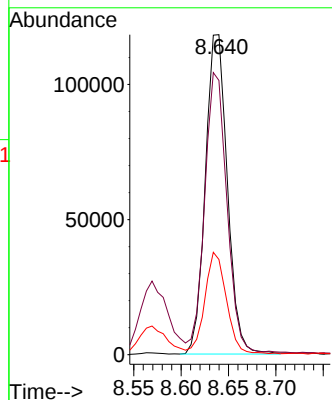
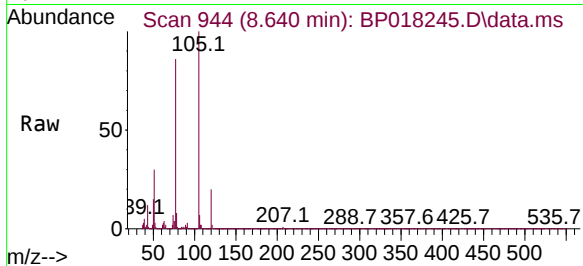




#16
Acetophenone
Concen: 31.284 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

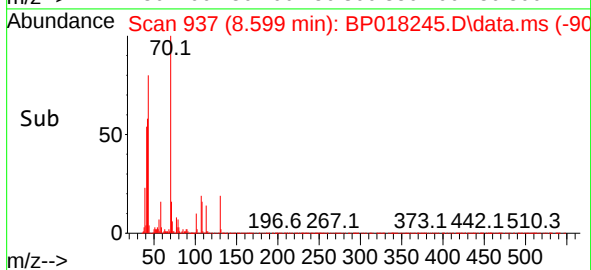
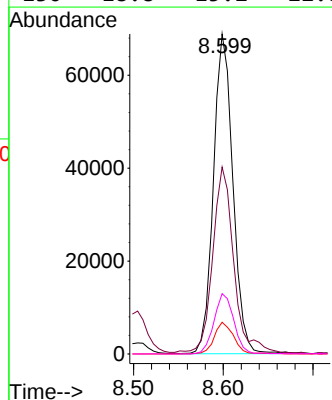
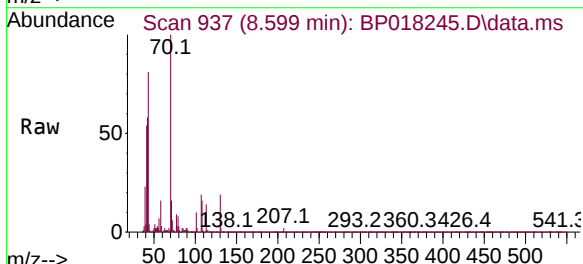
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BNA_M
ClientSampleId :

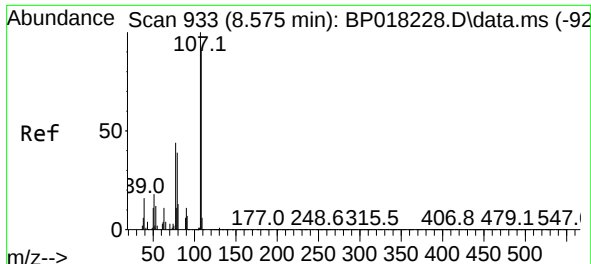
Tgt Ion:105 Resp: 192013
Ion Ratio Lower Upper
105 100
77 85.7 70.1 105.1
51 29.7 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 30.930 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

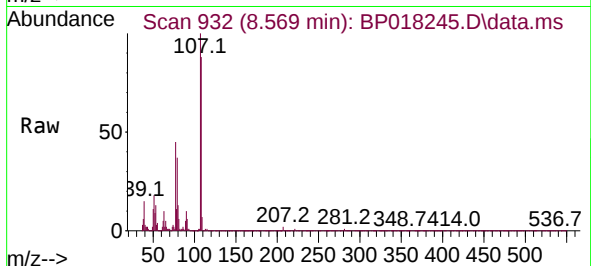
Tgt Ion: 70 Resp: 103645
Ion Ratio Lower Upper
70 100
42 58.4 43.7 65.5
101 9.9 8.2 12.4
130 18.8 15.2 22.8



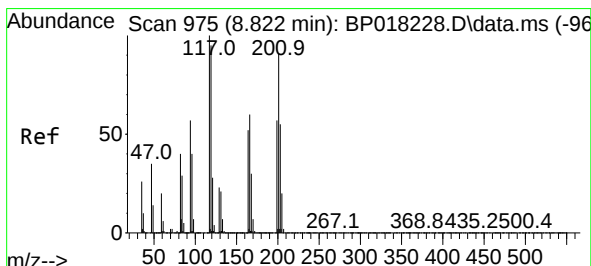
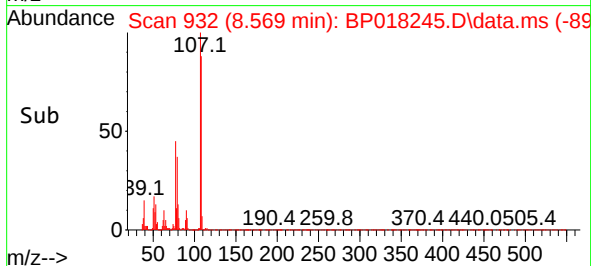
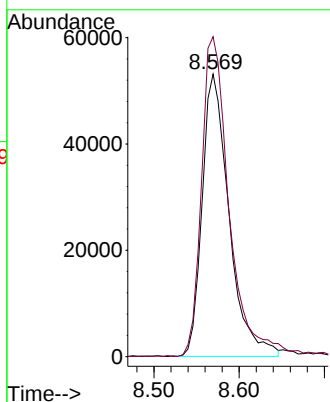


#18
4-Methylphenol
Concen: 30.350 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Instrument :
BNA_M
ClientSampleId :

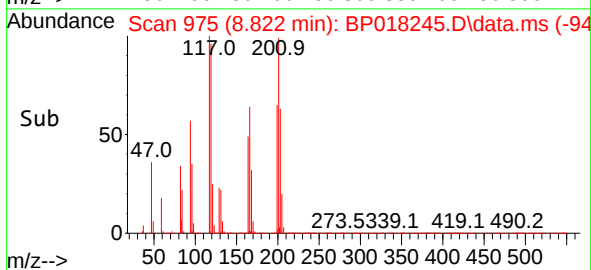
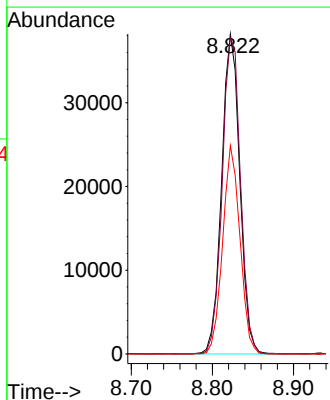
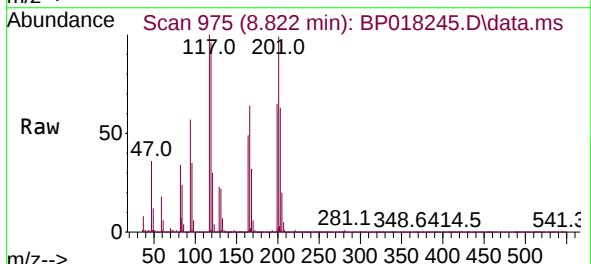


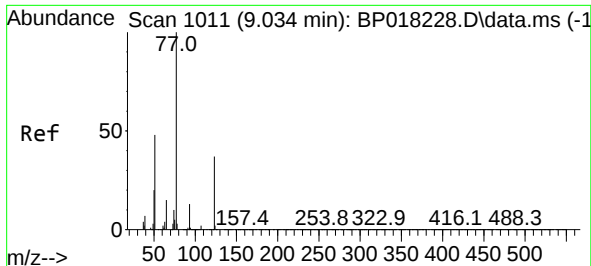
Tgt Ion:108 Resp: 116254
Ion Ratio Lower Upper
108 100
107 113.2 88.2 132.4



#19
Hexachloroethane
Concen: 33.098 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:117 Resp: 59330
Ion Ratio Lower Upper
117 100
201 99.0 84.8 127.2
199 65.1 49.0 73.4

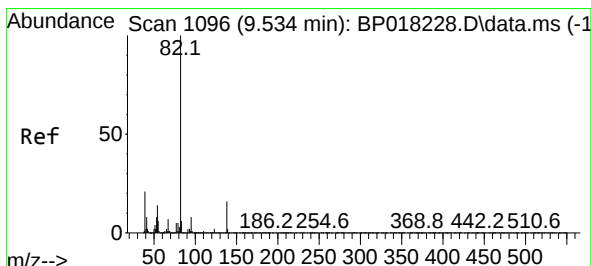
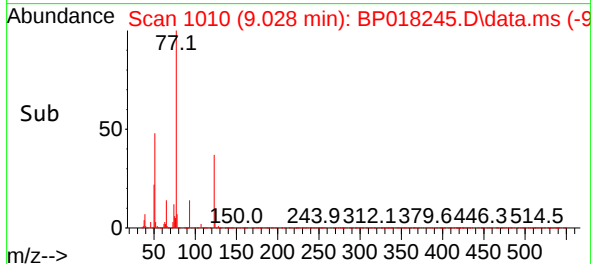
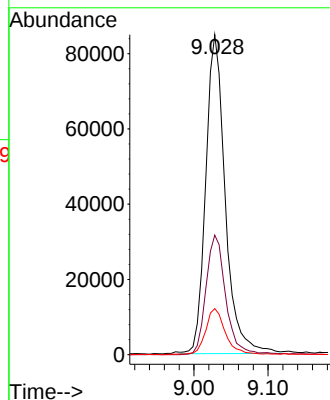
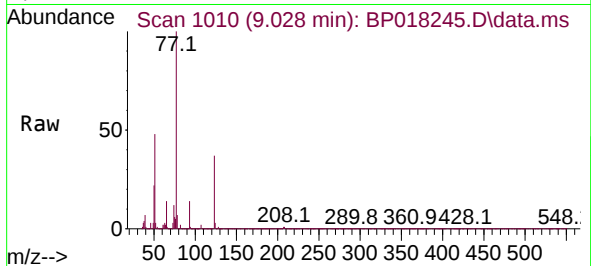




#22
Nitrobenzene
Concen: 31.434 ng/ul
RT: 9.028 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

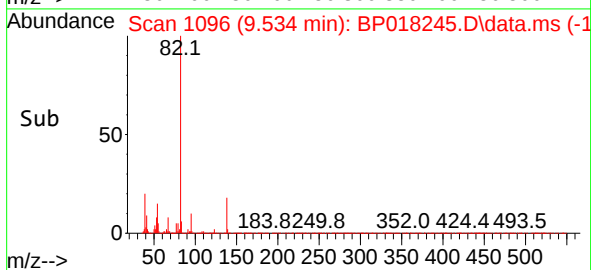
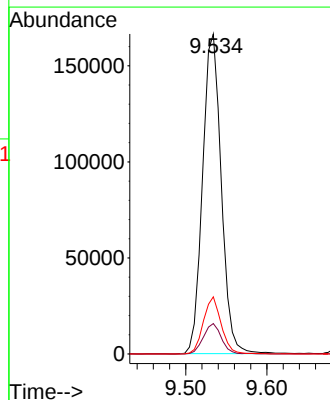
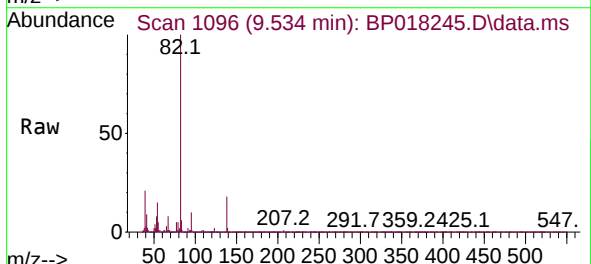
Instrument :
BNA_M
ClientSampleId :

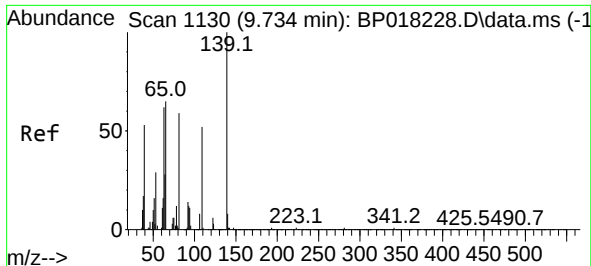
Tgt Ion: 77 Resp: 155001
Ion Ratio Lower Upper
77 100
123 37.3 27.8 41.8
65 14.4 11.5 17.3



#23
Isophorone
Concen: 29.562 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion: 82 Resp: 265996
Ion Ratio Lower Upper
82 100
95 9.5 6.6 9.8
138 17.8 13.1 19.7

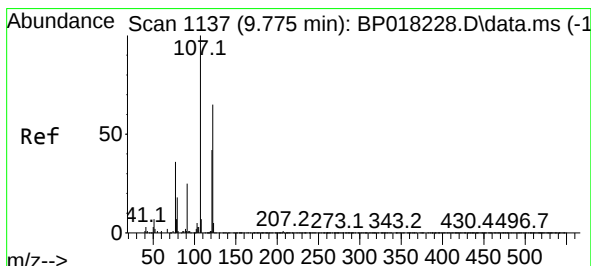
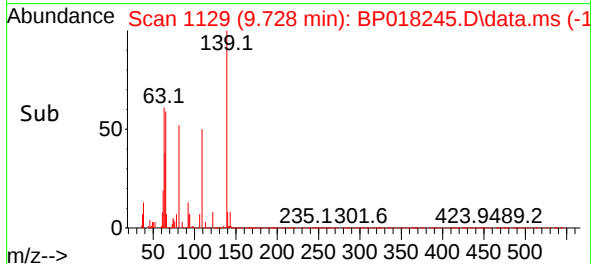
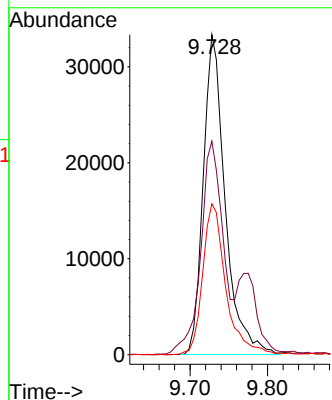
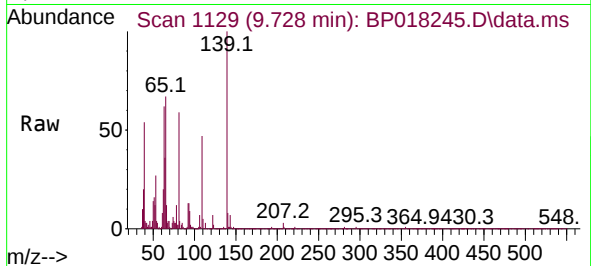




#25
2-Nitrophenol
Concen: 30.749 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

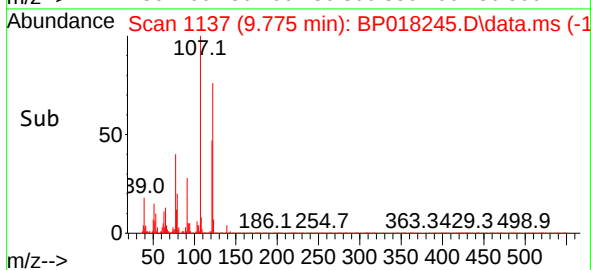
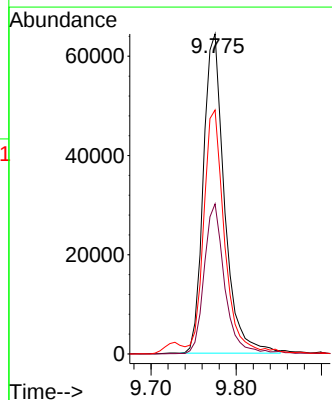
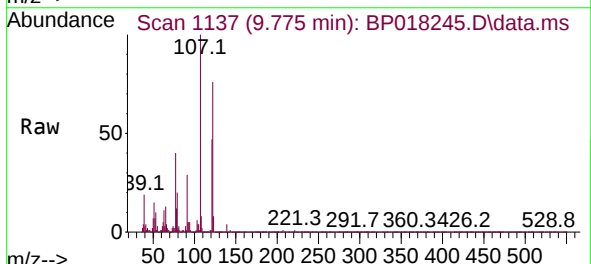
Instrument :
BNA_M
ClientSampleId :

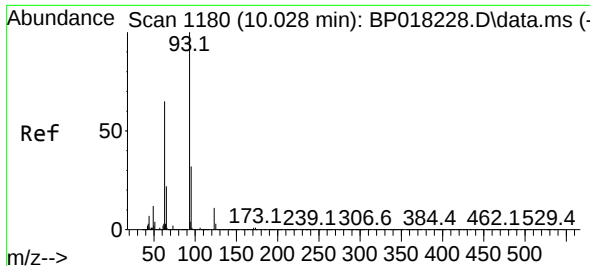
Tgt Ion:139 Resp: 65372
Ion Ratio Lower Upper
139 100
65 66.7 51.4 77.0
109 47.2 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 24.473 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:107 Resp: 110678
Ion Ratio Lower Upper
107 100
121 46.9 37.8 56.8
122 76.3 62.1 93.1

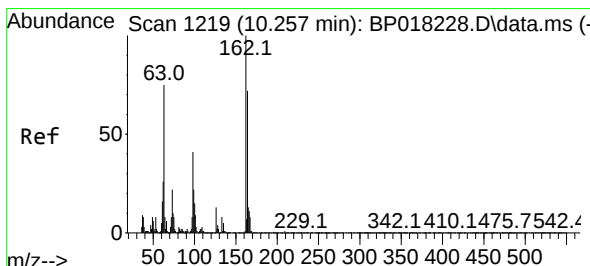
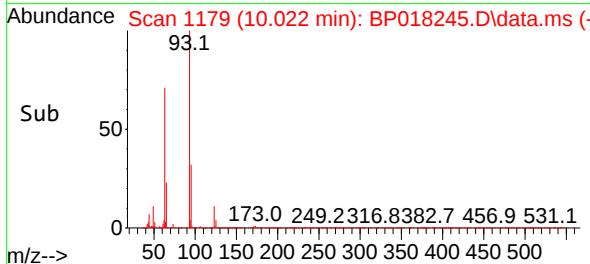
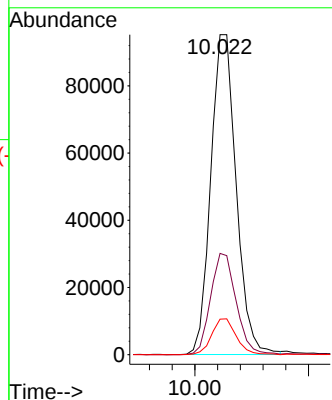
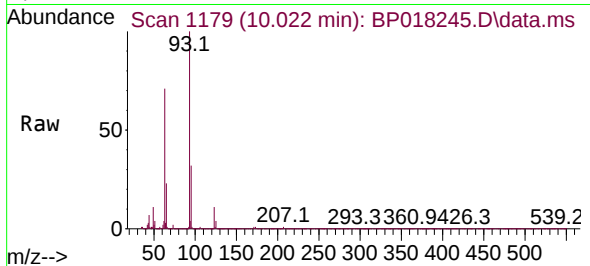




#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.160 ng/ul
 RT: 10.022 min Scan# 1180
 Delta R.T. -0.012 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

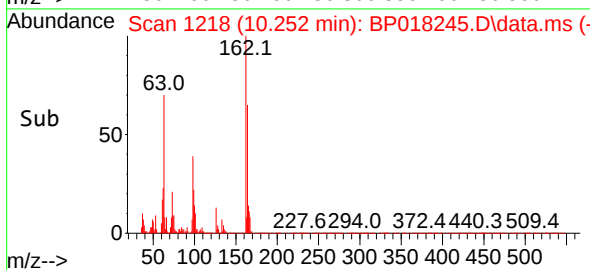
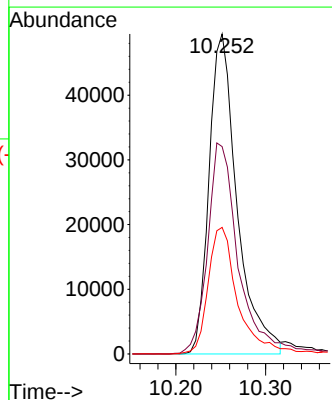
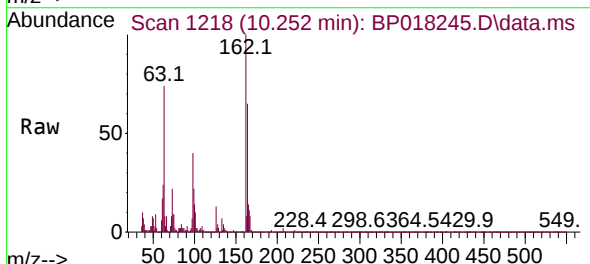
Instrument :
 BNA_M
 ClientSampleId :

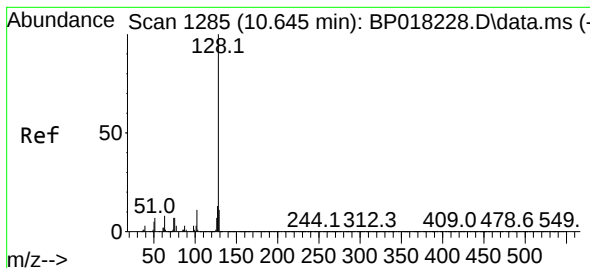
Tgt Ion: 93 Resp: 147983
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.2 39.2
 123 11.1 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 30.516 ng/ul
 RT: 10.252 min Scan# 1218
 Delta R.T. -0.006 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

Tgt Ion:162 Resp: 107452
 Ion Ratio Lower Upper
 162 100
 164 64.8 51.8 77.6
 98 39.6 28.7 43.1

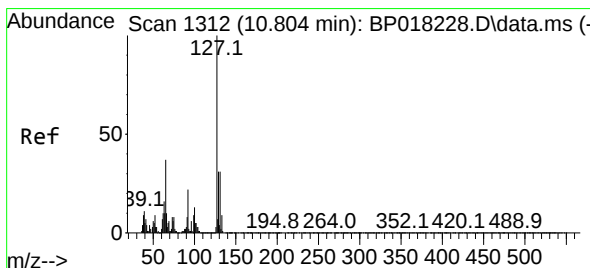
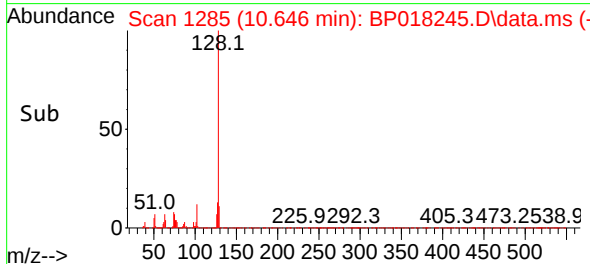
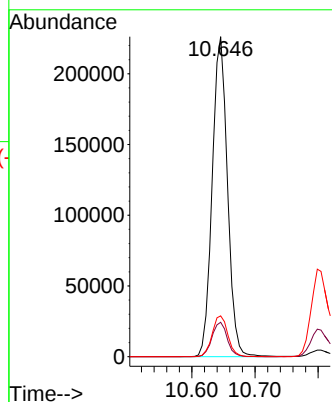
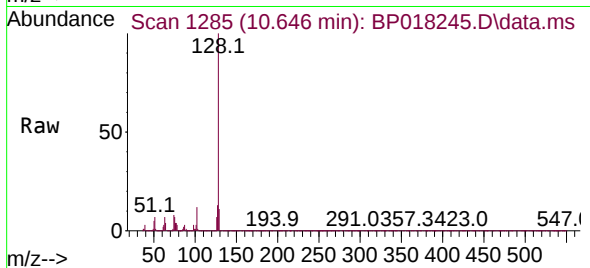




#30
Naphthalene
Concen: 30.732 ng/ul
RT: 10.646 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

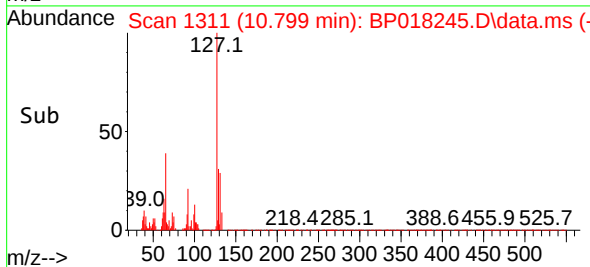
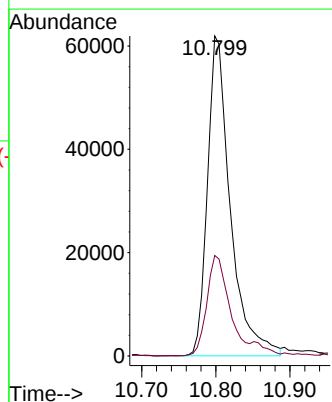
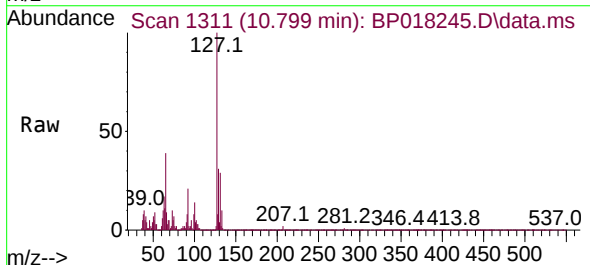
Instrument :
BNA_M
ClientSampleId :

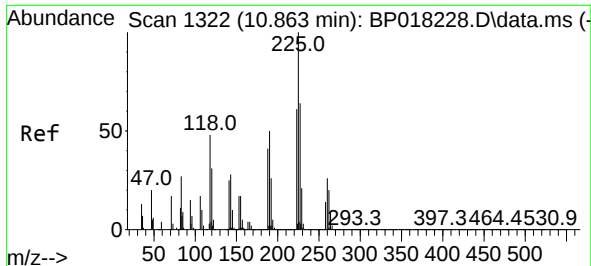
Tgt Ion:128 Resp: 378830
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 10.3 15.5



#32
4-Chloroaniline
Concen: 27.430 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:127 Resp: 132860
Ion Ratio Lower Upper
127 100
129 31.4 26.1 39.1

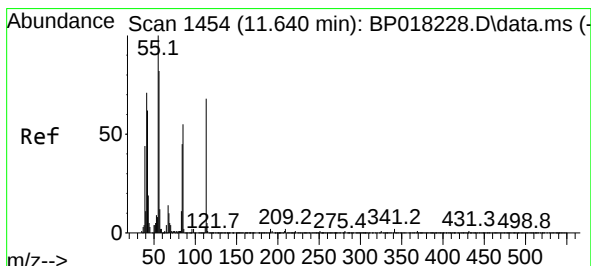
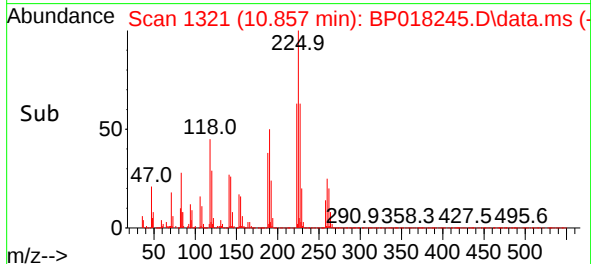
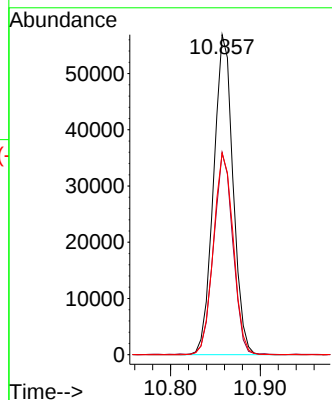
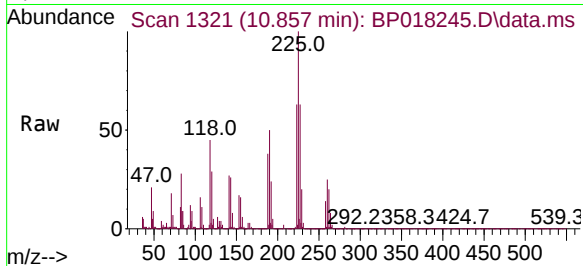




#33
Hexachlorobutadiene
Concen: 33.134 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

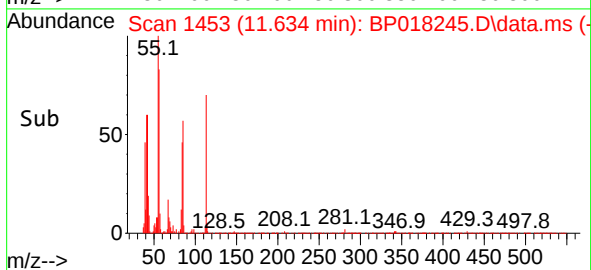
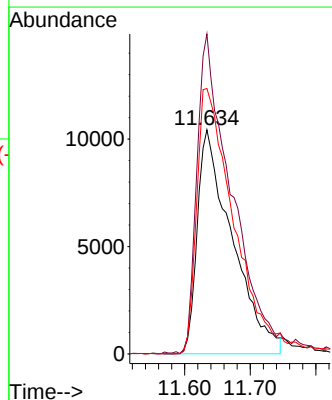
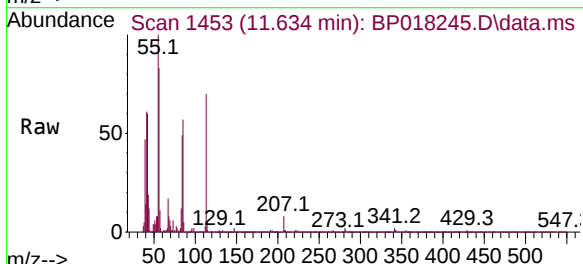
Instrument :
BNA_M
ClientSampleId :

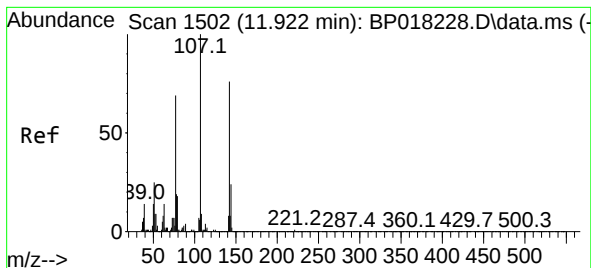
Tgt Ion:225 Resp: 85651
Ion Ratio Lower Upper
225 100
223 63.2 52.5 78.7
227 63.0 51.9 77.9



#34
Caprolactam
Concen: 32.883 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:113 Resp: 38465
Ion Ratio Lower Upper
113 100
55 142.8 118.3 177.5
56 118.4 95.6 143.4

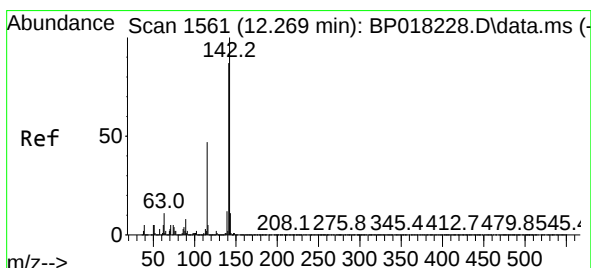
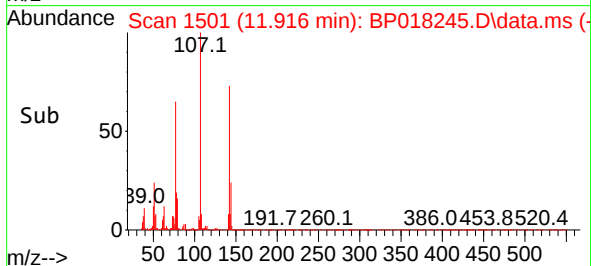
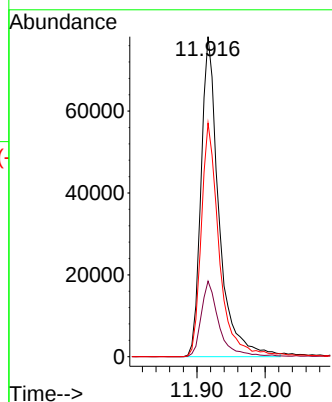
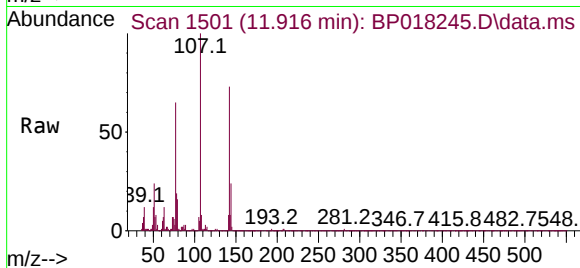




#35
4-Chloro-3-methylphenol
Concen: 33.673 ng/ul
RT: 11.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

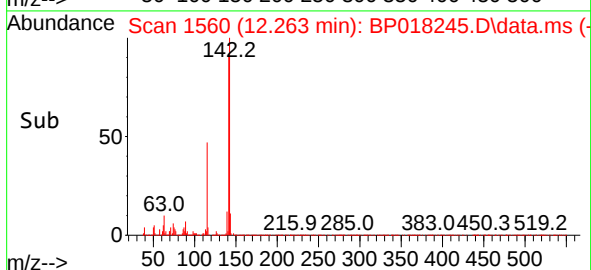
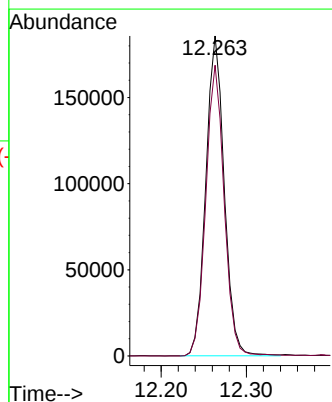
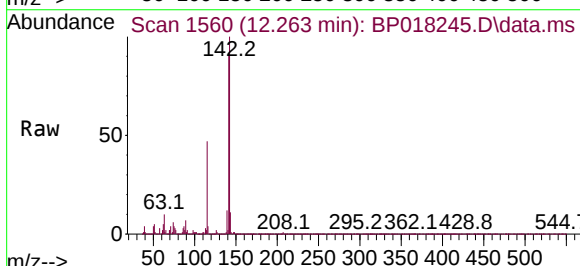
Instrument :
BNA_M
ClientSampleId :

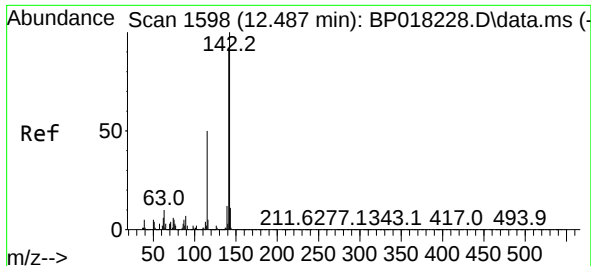
Tgt Ion:107 Resp: 142647
Ion Ratio Lower Upper
107 100
144 23.6 19.1 28.7
142 73.0 54.8 82.2



#36
2-Methylnaphthalene
Concen: 32.954 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:142 Resp: 278887
Ion Ratio Lower Upper
142 100
141 90.9 71.7 107.5

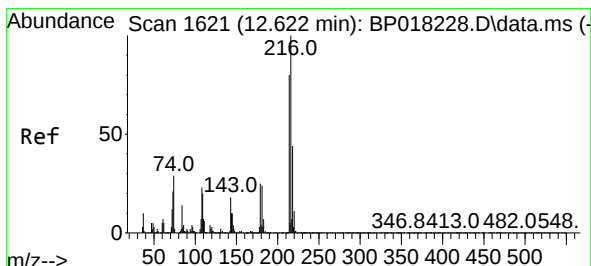
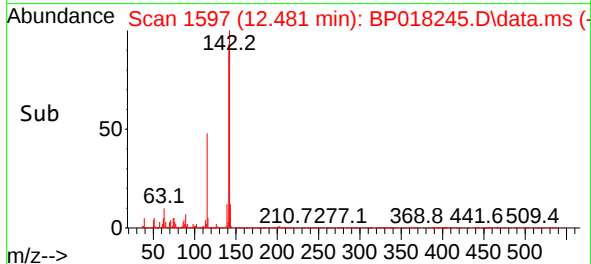
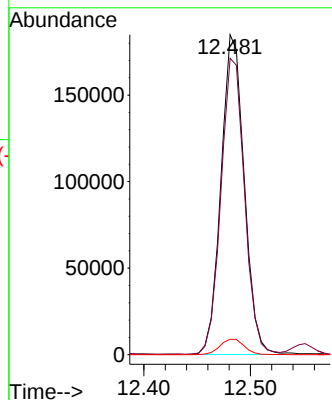
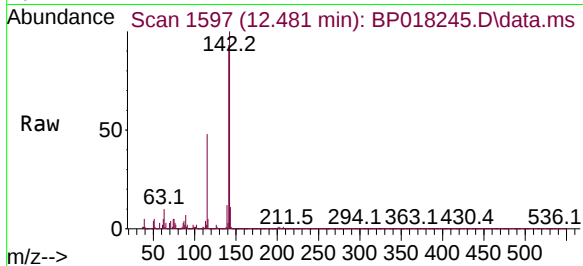




#37
1-Methylnaphthalene
Concen: 32.146 ng/ul
RT: 12.481 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

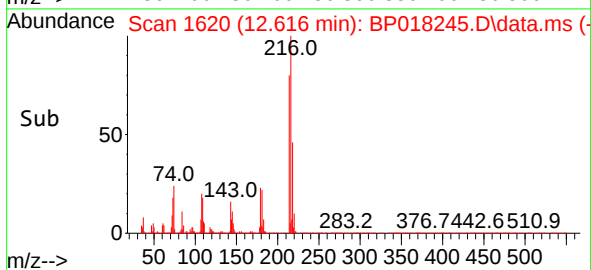
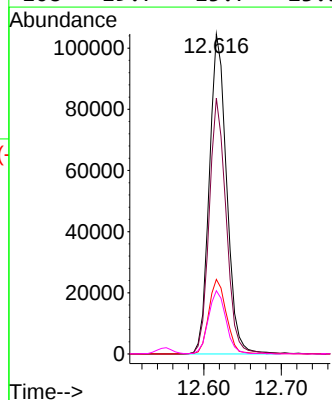
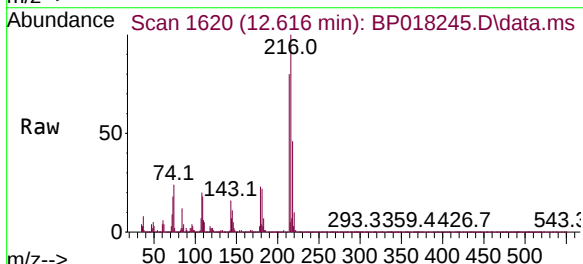
Instrument :
BNA_M
ClientSampleId :

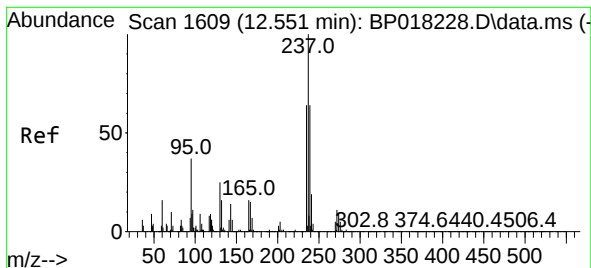
Tgt Ion:142 Resp: 279556
Ion Ratio Lower Upper
142 100
141 92.6 72.8 109.2
116 4.8 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.136 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:216 Resp: 162278
Ion Ratio Lower Upper
216 100
214 80.0 64.8 97.2
179 23.3 18.3 27.5
108 19.7 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 24.873 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BP018245.D

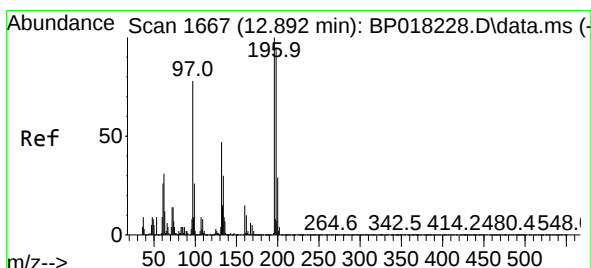
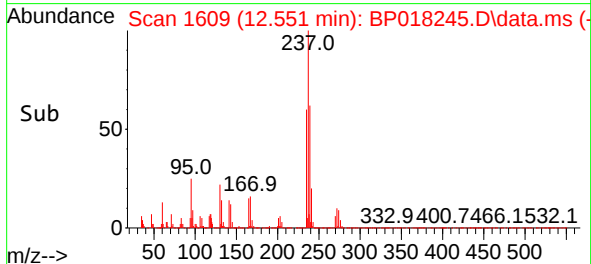
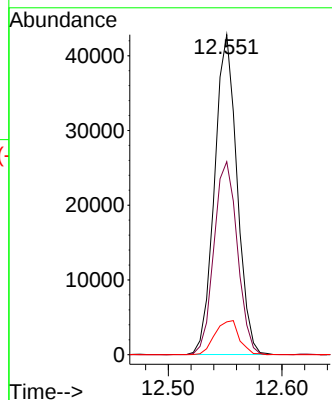
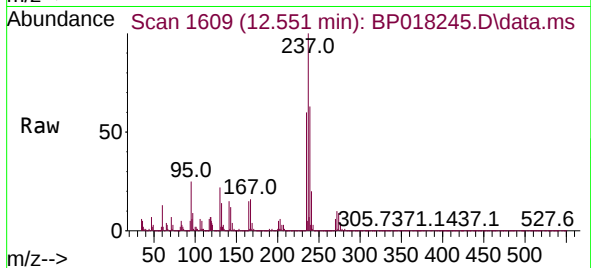
Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	58798
Ion Ratio	Lower	Upper
237	100	
235	60.3	49.9 74.9
272	10.3	8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 32.497 ng/ul

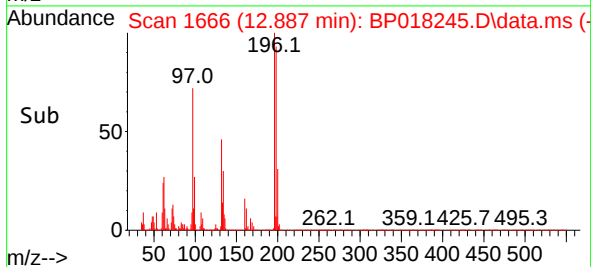
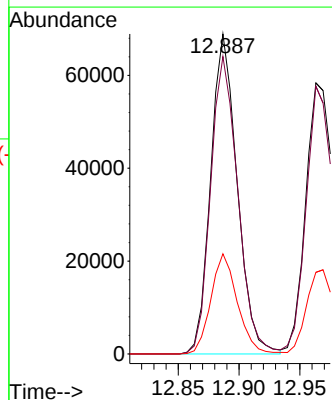
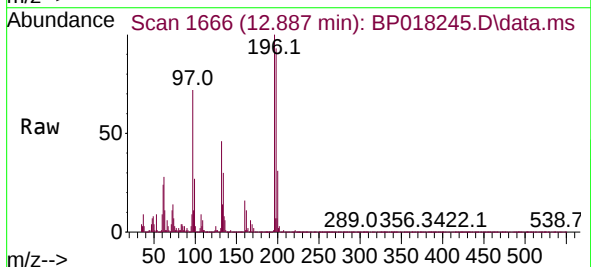
RT: 12.887 min Scan# 1666

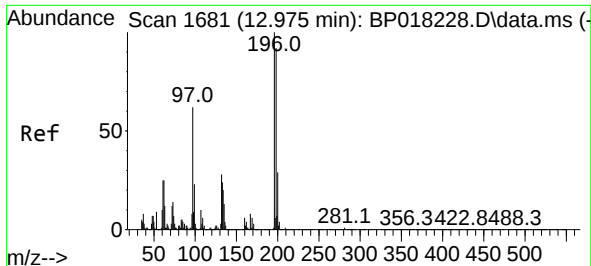
Delta R.T. -0.012 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Tgt Ion:196	Resp:	104402
Ion Ratio	Lower	Upper
196	100	
198	93.0	78.9 118.3
200	31.3	25.8 38.8

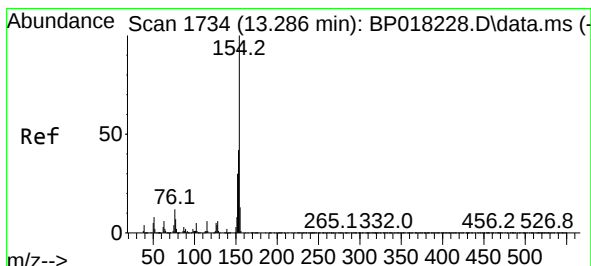
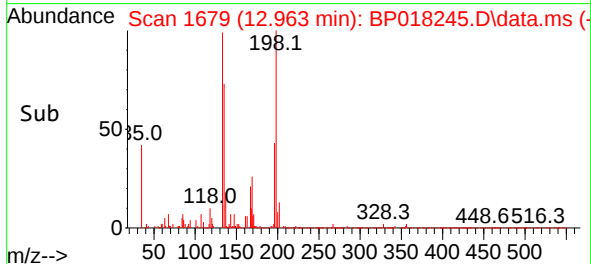
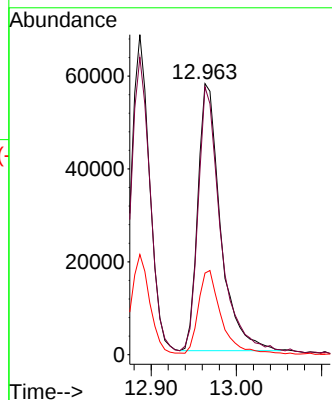
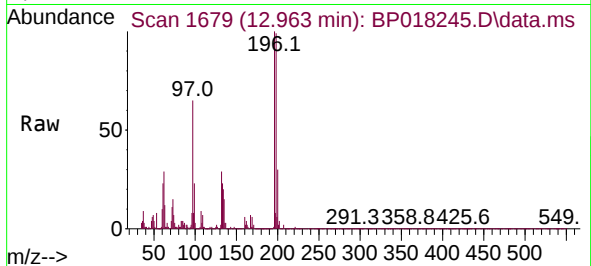




#42
2,4,5-Trichlorophenol
Concen: 31.487 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.018 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

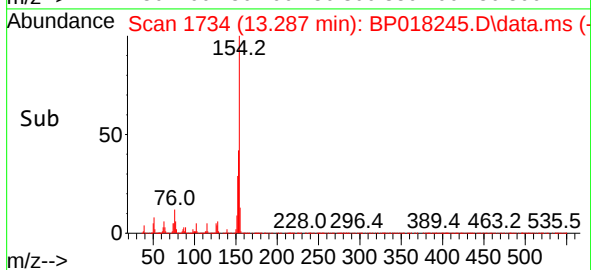
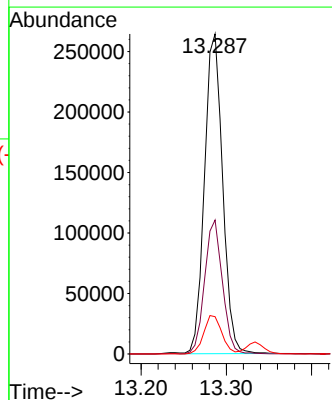
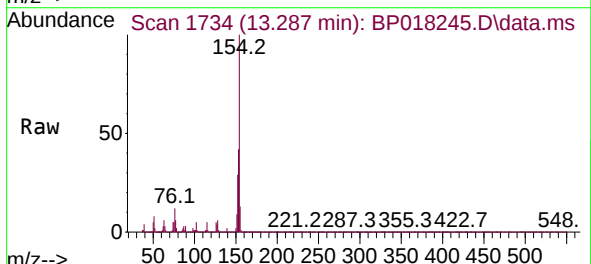
Instrument :
BNA_M
ClientSampleId :

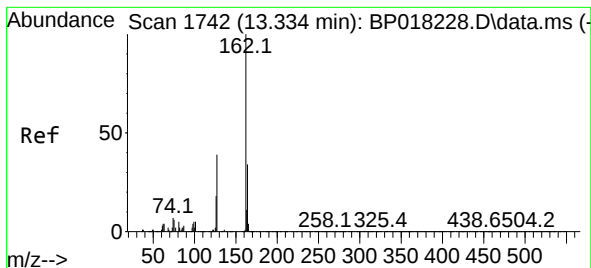
Tgt Ion:196 Resp: 106460
Ion Ratio Lower Upper
196 100
198 98.8 78.9 118.3
200 30.1 26.6 40.0



#43
1,1'-Biphenyl
Concen: 31.677 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:154 Resp: 390480
Ion Ratio Lower Upper
154 100
153 41.8 32.4 48.6
76 11.6 9.8 14.8





#44

2-Chloronaphthalene

Concen: 31.728 ng/ul

RT: 13.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

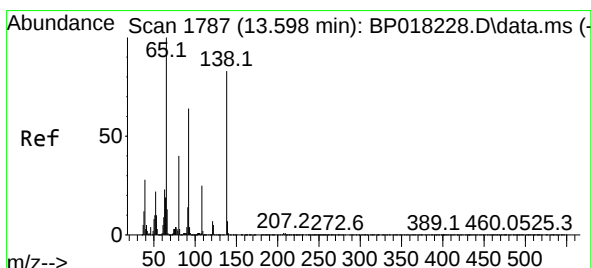
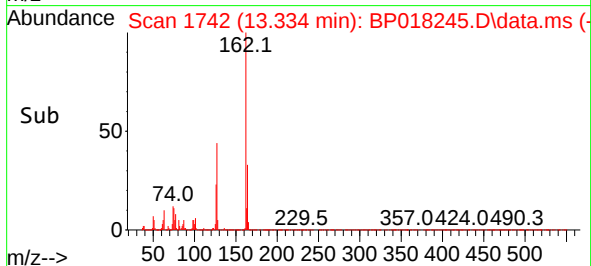
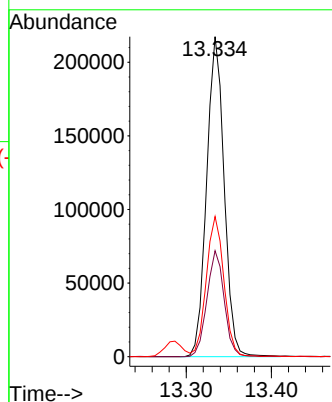
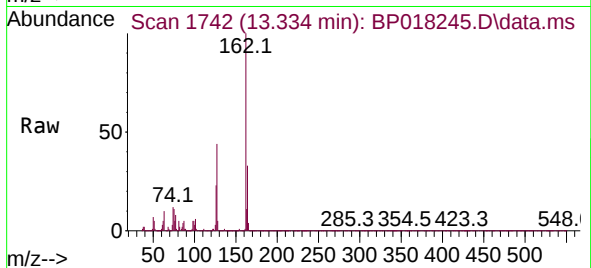
Tgt Ion:162 Resp: 310521

Ion Ratio Lower Upper

162 100

164 33.1 26.9 40.3

127 43.8 35.4 53.2



#45

2-Nitroaniline

Concen: 33.152 ng/ul

RT: 13.593 min Scan# 1786

Delta R.T. -0.012 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

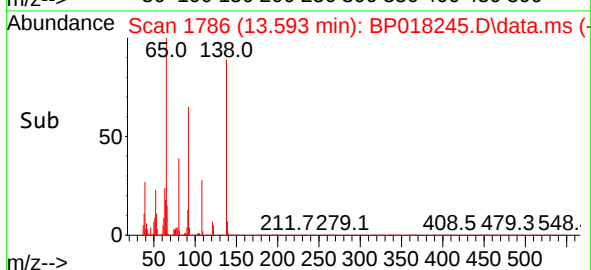
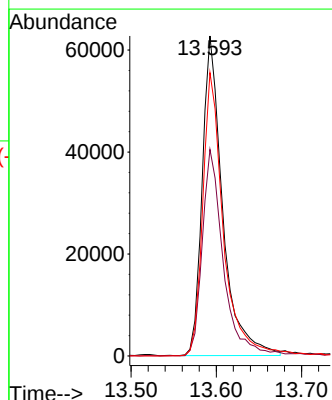
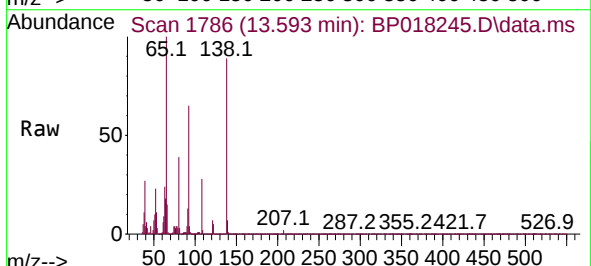
Tgt Ion: 65 Resp: 104702

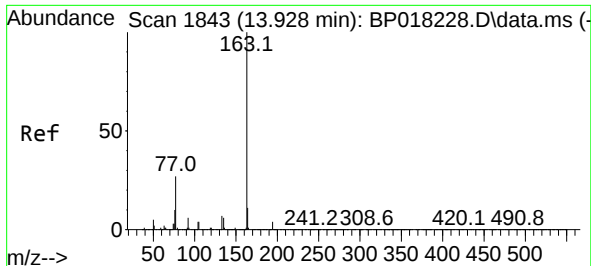
Ion Ratio Lower Upper

65 100

92 64.6 53.8 80.6

138 88.5 75.1 112.7

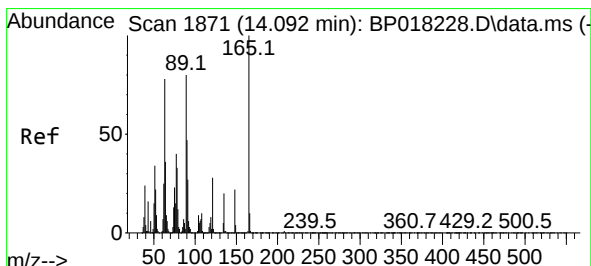
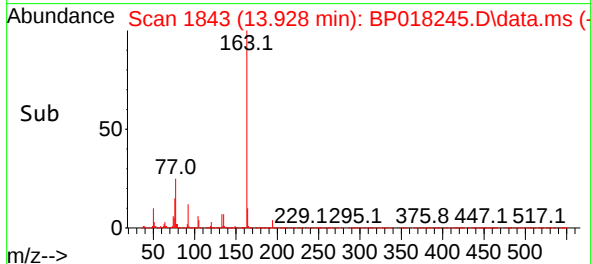
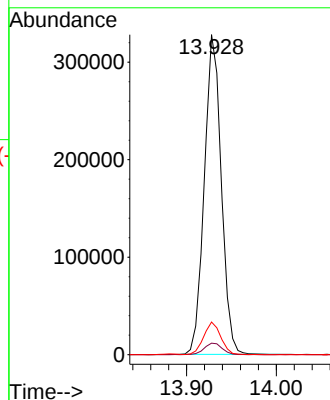
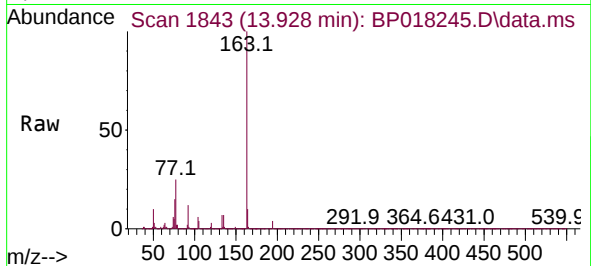




#47
Dimethylphthalate
Concen: 32.799 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

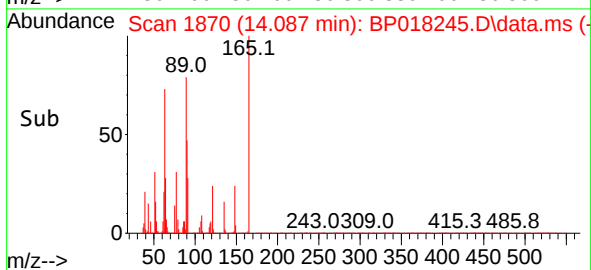
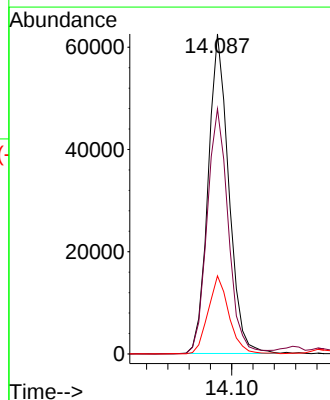
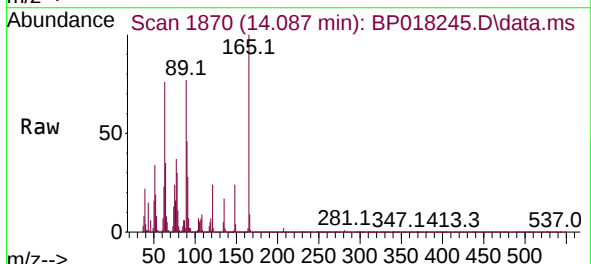
Instrument :
BNA_M
ClientSampleId :

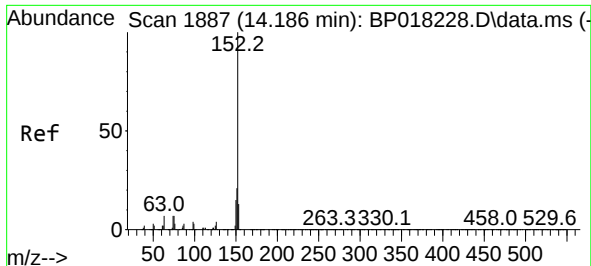
Tgt Ion:163 Resp: 430351
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 32.234 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:165 Resp: 84066
Ion Ratio Lower Upper
165 100
89 76.6 59.4 89.0
121 24.4 18.2 27.4

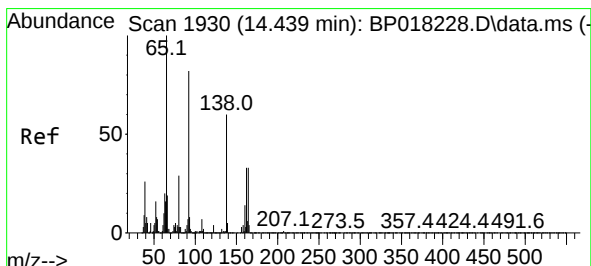
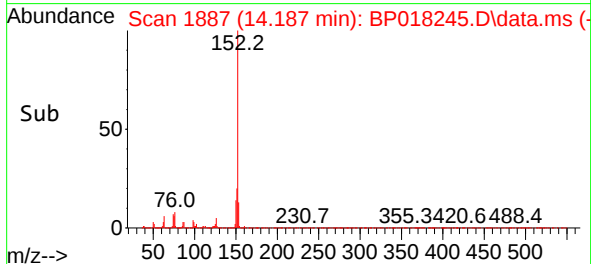
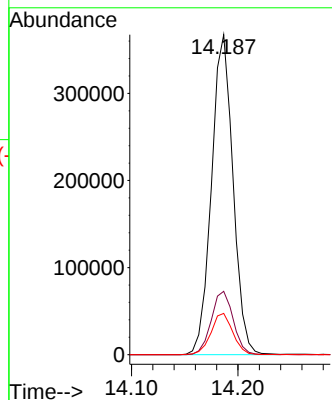
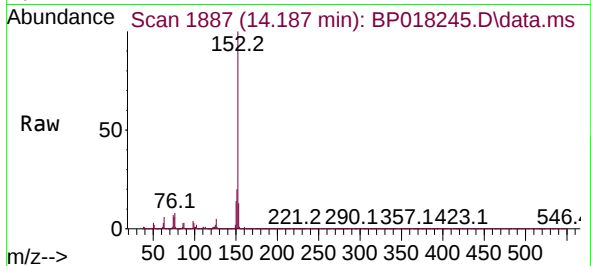




#50
Acenaphthylene
Concen: 31.334 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

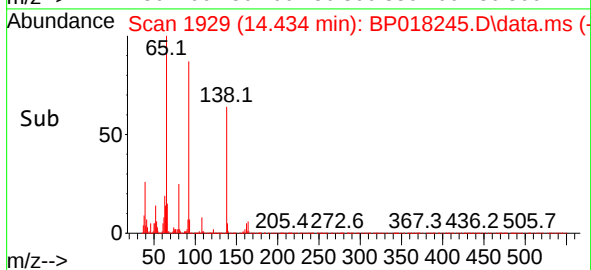
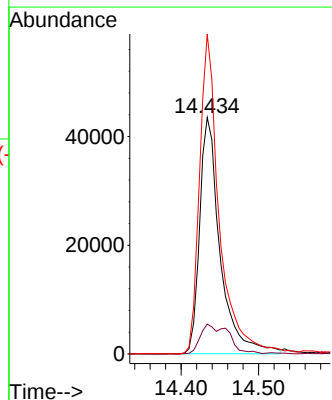
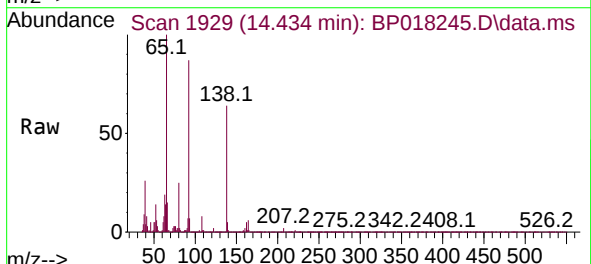
Instrument :
BNA_M
ClientSampleId :

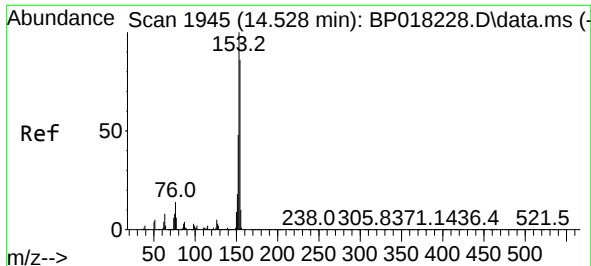
Tgt Ion:152 Resp: 515399
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 32.896 ng/ul
RT: 14.434 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

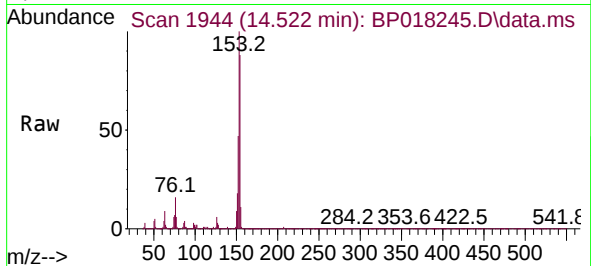
Tgt Ion:138 Resp: 79610
Ion Ratio Lower Upper
138 100
108 12.7 8.3 12.5#
92 135.4 99.0 148.4



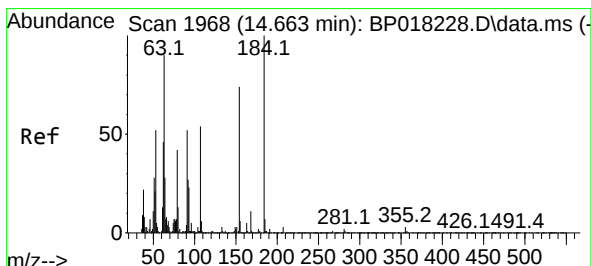
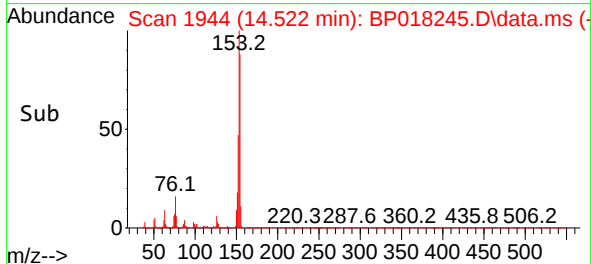
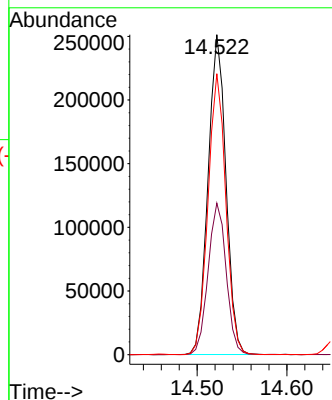


#52
Acenaphthene
Concen: 31.940 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Instrument :
BNA_M
ClientSampleId :

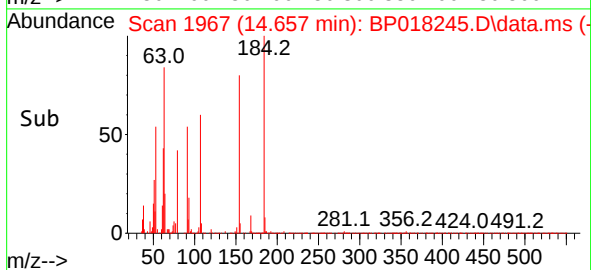
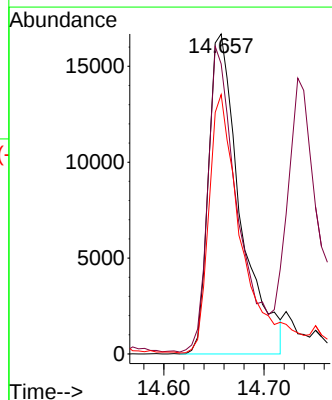
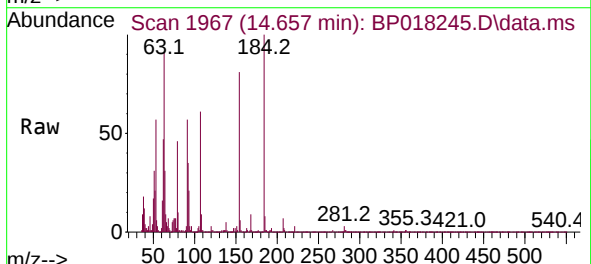


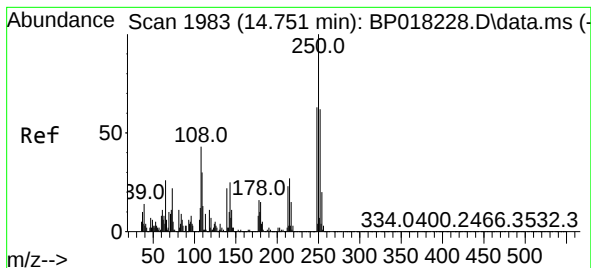
Tgt Ion:153 Resp: 348364
Ion Ratio Lower Upper
153 100
152 47.3 39.0 58.6
154 87.8 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 25.833 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.018 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:184 Resp: 36753
Ion Ratio Lower Upper
184 100
63 90.6 67.7 101.5
154 81.1 60.2 90.4

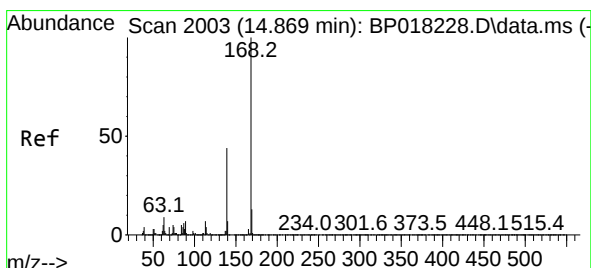
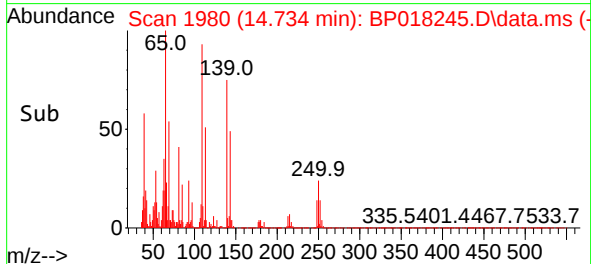
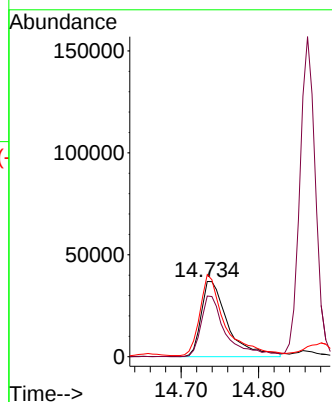
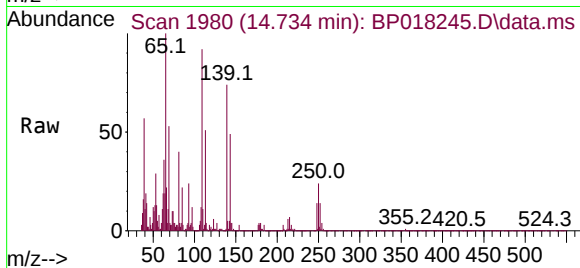




#55
4-Nitrophenol
Concen: 33.396 ng/ul
RT: 14.734 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

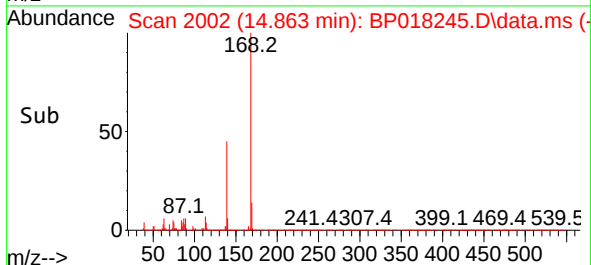
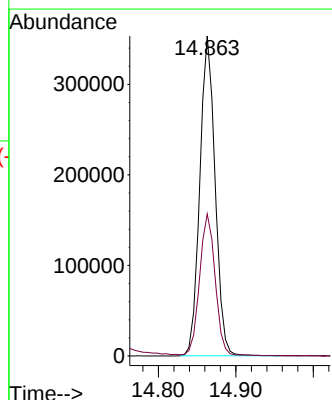
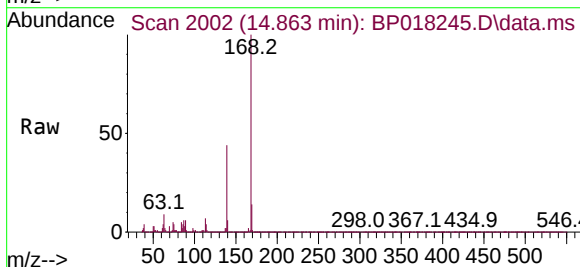
Instrument :
BNA_M
ClientSampleId :

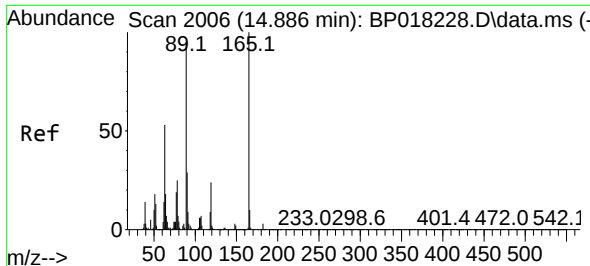
Tgt Ion:109 Resp: 88606
Ion Ratio Lower Upper
109 100
139 80.6 74.9 112.3
65 109.2 93.8 140.6



#56
Dibenzofuran
Concen: 32.382 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:168 Resp: 484006
Ion Ratio Lower Upper
168 100
139 44.4 34.0 51.0

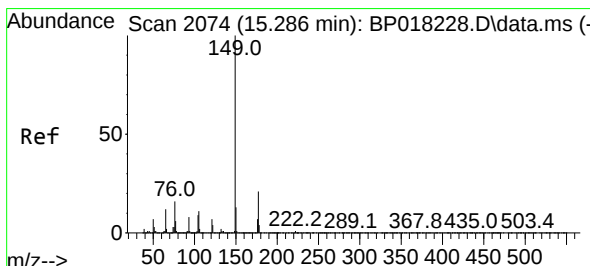
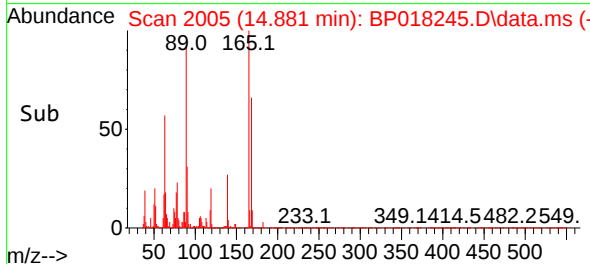
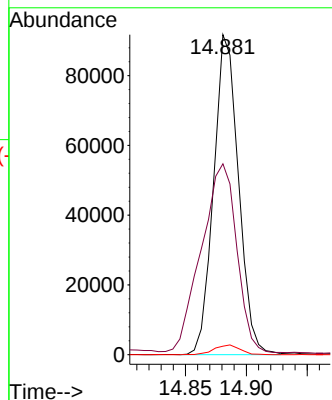
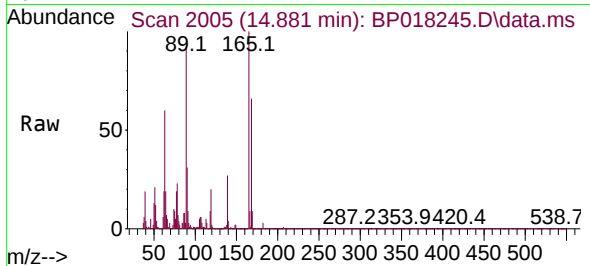




#57
2,4-Dinitrotoluene
Concen: 33.446 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

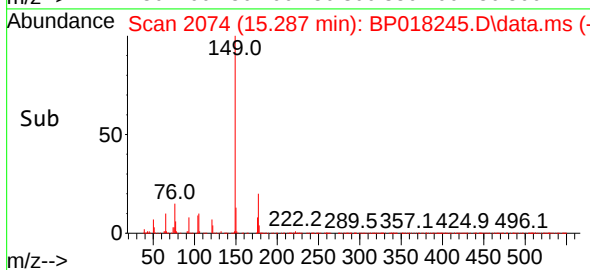
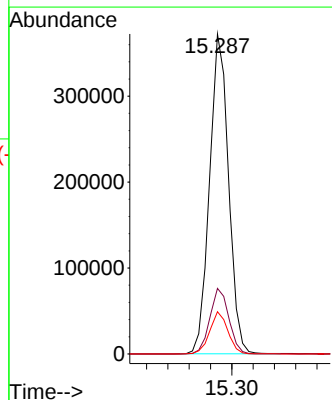
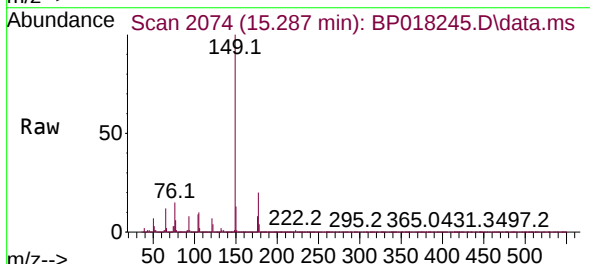
Instrument :
BNA_M
ClientSampleId :

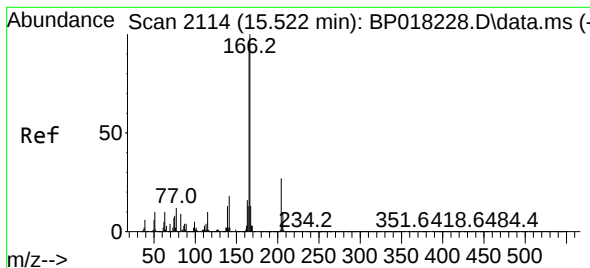
Tgt Ion:165 Resp: 130321
Ion Ratio Lower Upper
165 100
63 59.6 48.6 72.8
182 2.7 2.1 3.1



#59
Diethylphthalate
Concen: 33.550 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:149 Resp: 459915
Ion Ratio Lower Upper
149 100
177 20.5 16.3 24.5
150 13.2 10.0 15.0





#61

Fluorene

Concen: 32.822 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

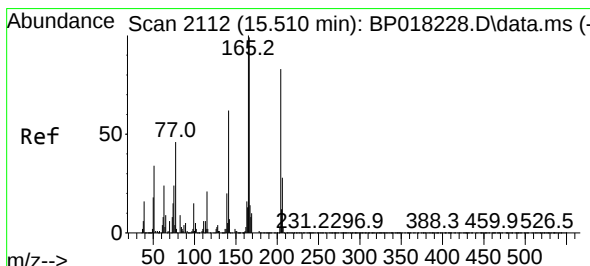
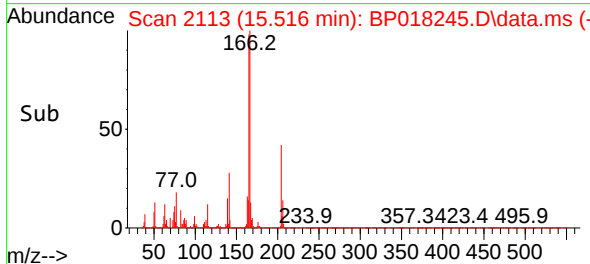
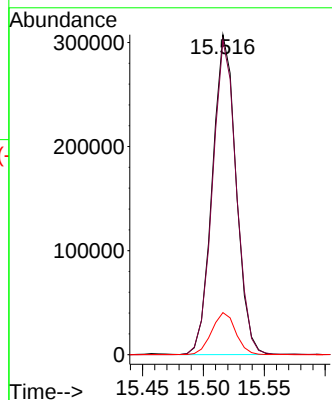
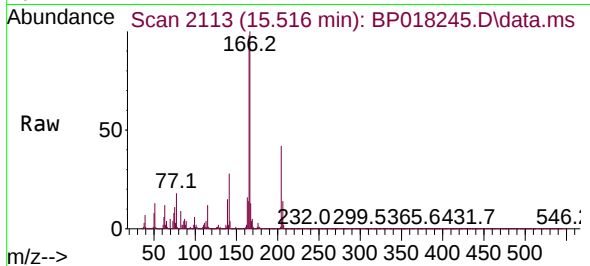
Tgt Ion:166 Resp: 416501

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

167 13.1 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 34.004 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

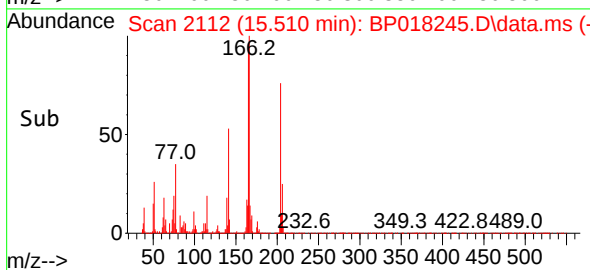
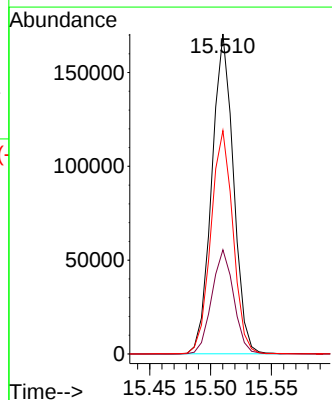
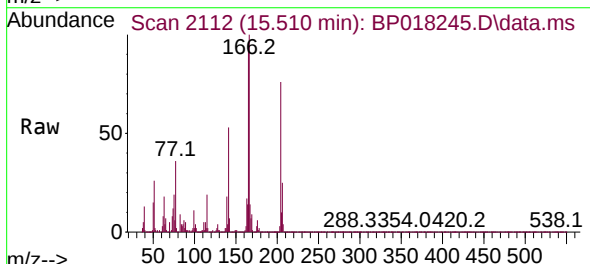
Tgt Ion:204 Resp: 211453

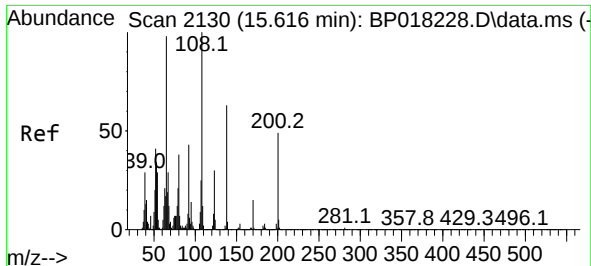
Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

141 69.8 56.0 84.0

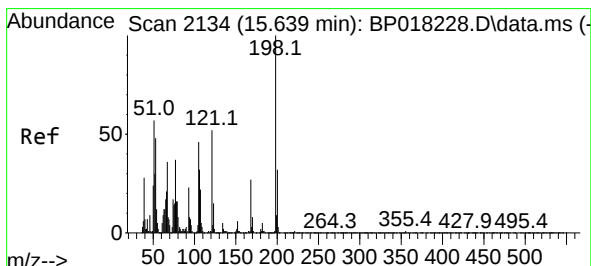
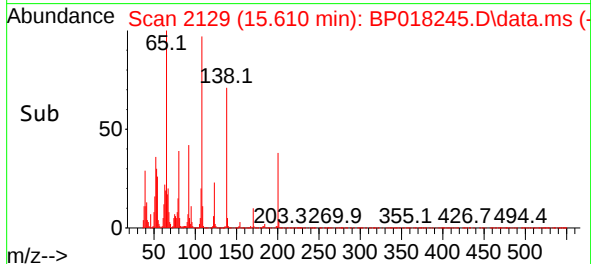
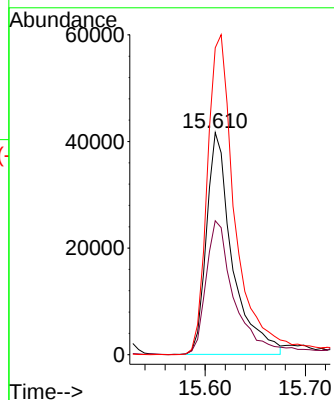
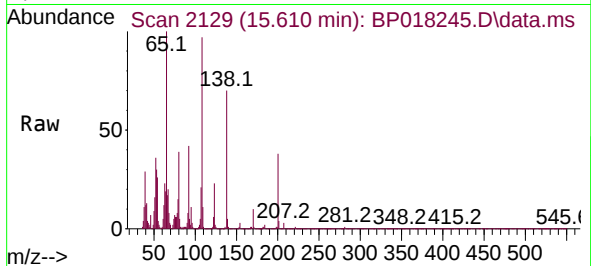




#63
4-Nitroaniline
Concen: 32.576 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

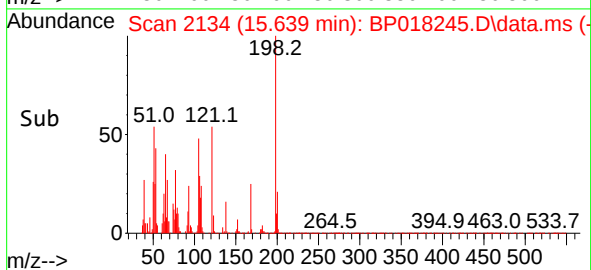
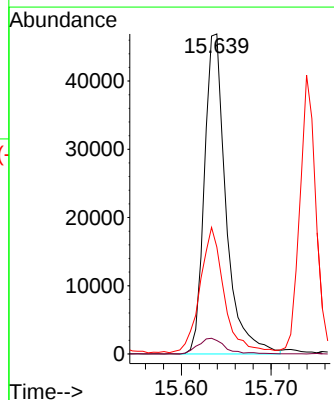
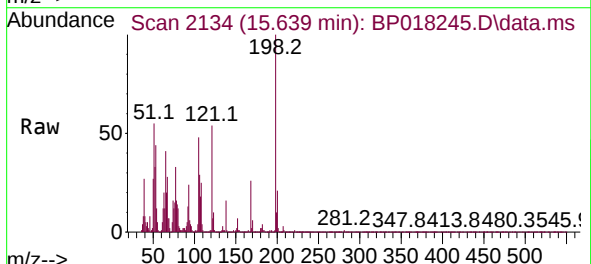
Instrument :
BNA_M
ClientSampleId :

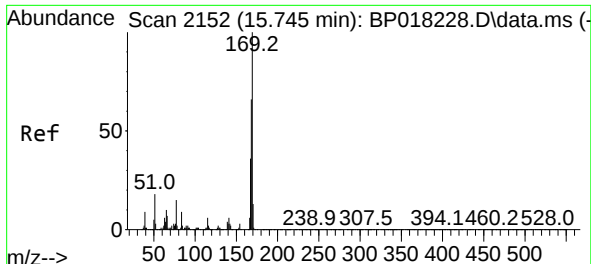
Tgt Ion:138 Resp: 74393
Ion Ratio Lower Upper
138 100
92 60.3 46.6 70.0
108 138.2 104.7 157.1



#66
4,6-Dinitro-2-methylphenol
Concen: 31.673 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:198 Resp: 78663
Ion Ratio Lower Upper
198 100
182 4.2 3.8 5.6
77 33.4 27.2 40.8





#67

N-Nitrosodiphenylamine

Concen: 32.559 ng/ul

RT: 15.739 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

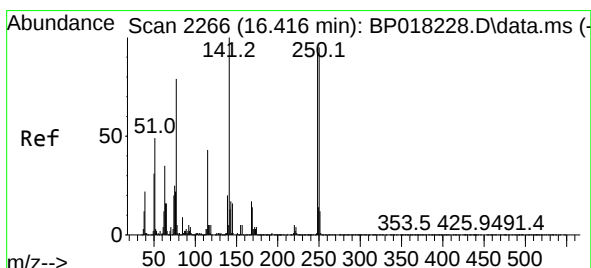
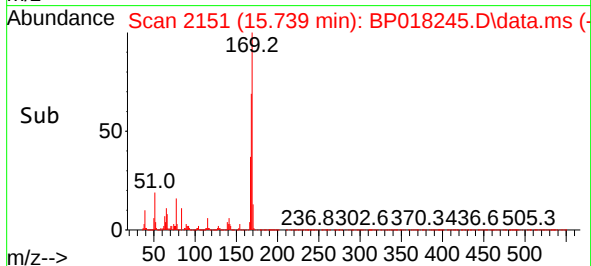
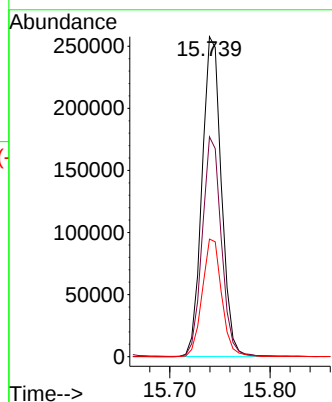
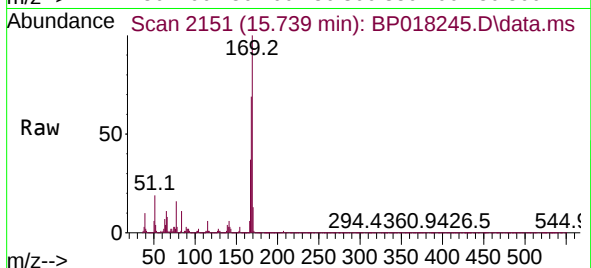
Tgt Ion:169 Resp: 345697

Ion Ratio Lower Upper

169 100

168 68.7 53.8 80.8

167 36.7 29.8 44.6



#68

4-Bromophenyl-phenylether

Concen: 34.000 ng/ul

RT: 16.416 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

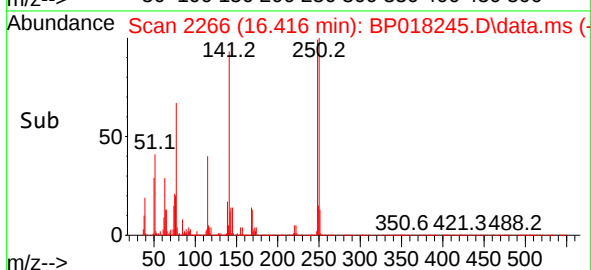
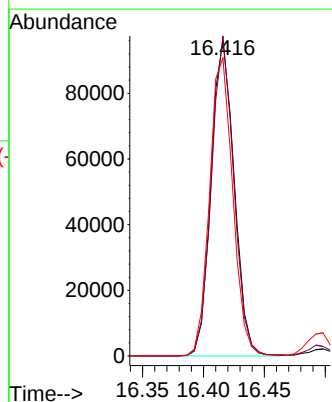
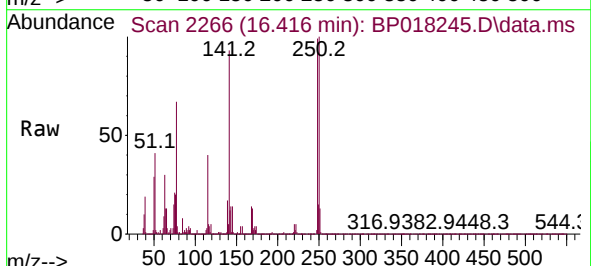
Tgt Ion:248 Resp: 126869

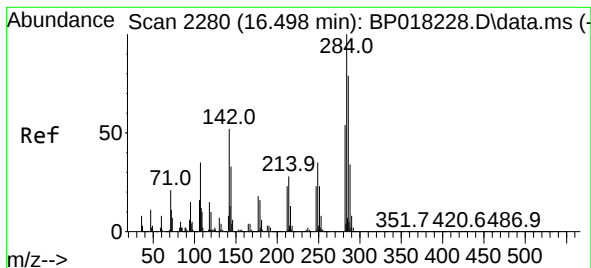
Ion Ratio Lower Upper

248 100

250 101.3 72.7 109.1

141 94.4 70.4 105.6





#69

Hexachlorobenzene

Concen: 35.191 ng/ul

RT: 16.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

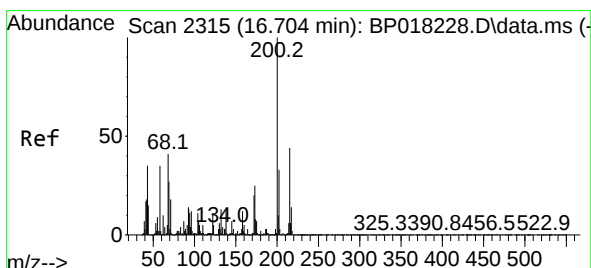
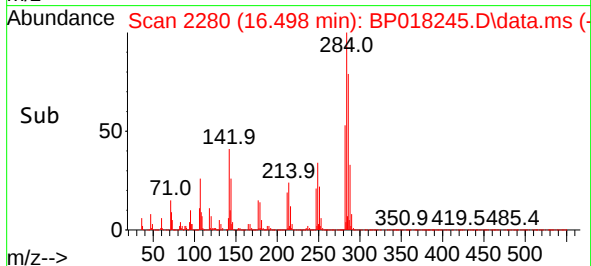
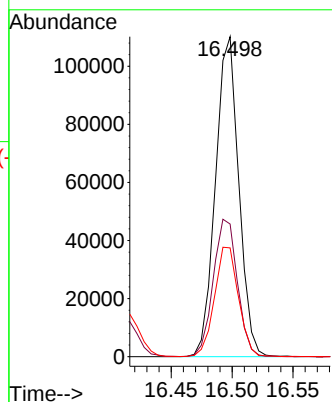
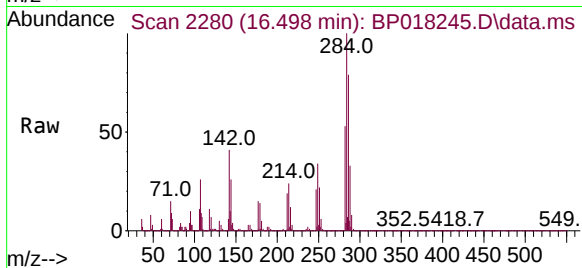
Tgt Ion:284 Resp: 146526

Ion Ratio Lower Upper

284 100

142 41.5 38.9 58.3

249 34.0 28.6 43.0



#70

Atrazine

Concen: 35.621 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

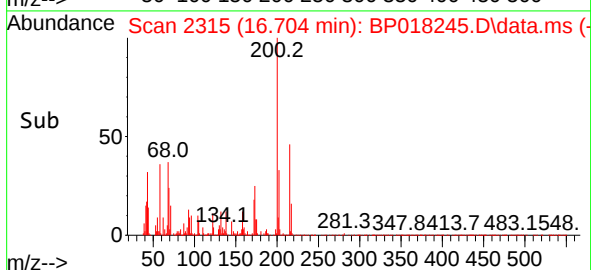
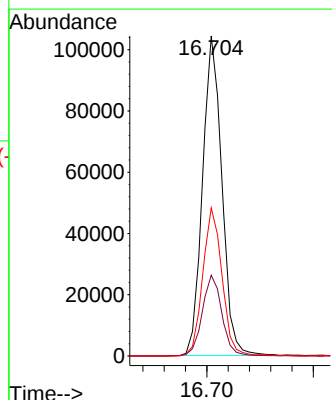
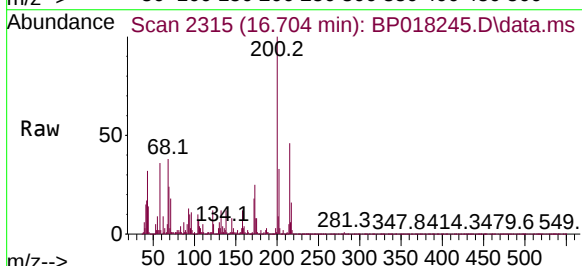
Tgt Ion:200 Resp: 131930

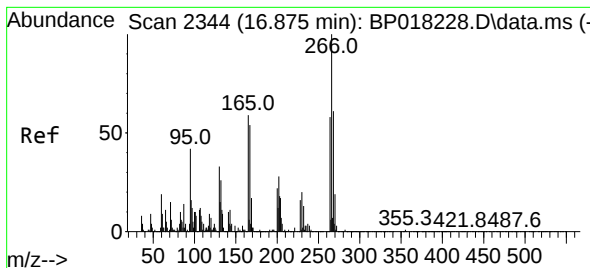
Ion Ratio Lower Upper

200 100

173 25.2 20.2 30.2

215 46.3 37.8 56.8





#71

Pentachlorophenol

Concen: 24.279 ng/ul

RT: 16.875 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

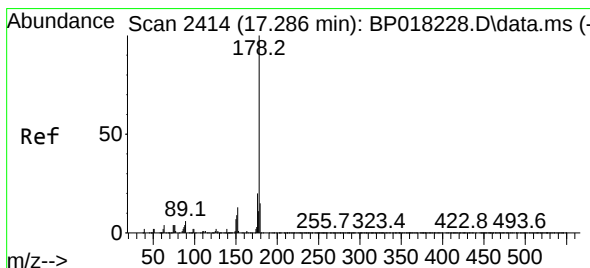
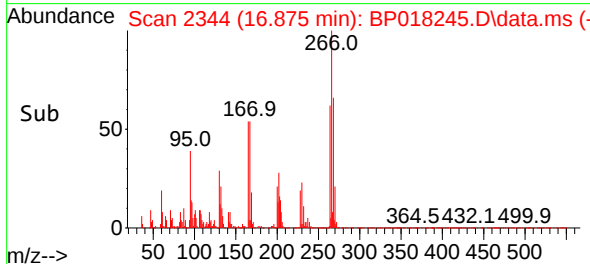
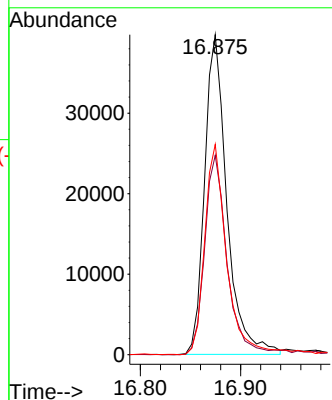
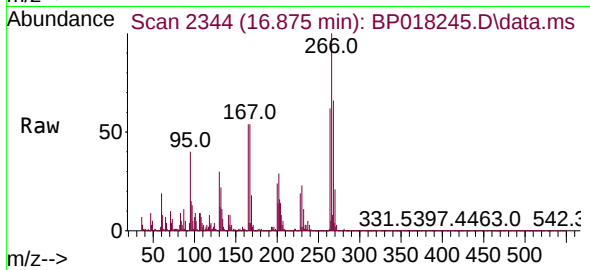
Tgt Ion:266 Resp: 61364

Ion Ratio Lower Upper

266 100

264 62.3 50.7 76.1

268 65.7 52.4 78.6



#72

Phenanthrene

Concen: 33.042 ng/ul

RT: 17.281 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

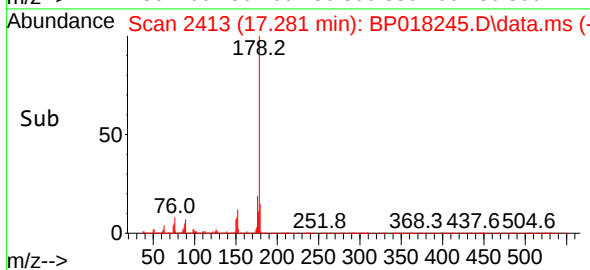
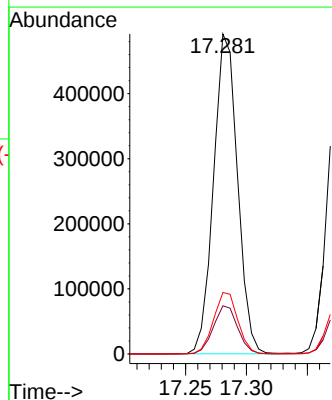
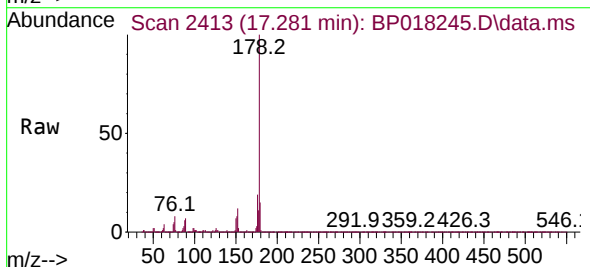
Tgt Ion:178 Resp: 671682

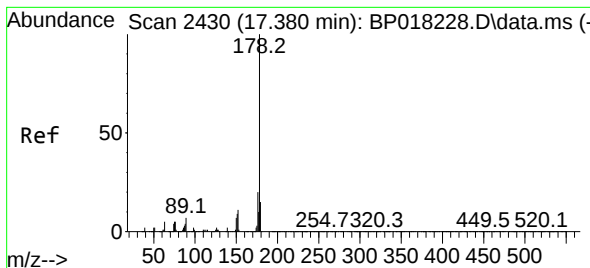
Ion Ratio Lower Upper

178 100

179 15.1 12.0 18.0

176 19.2 15.5 23.3





#74

Anthracene

Concen: 31.912 ng/uI

RT: 17.375 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

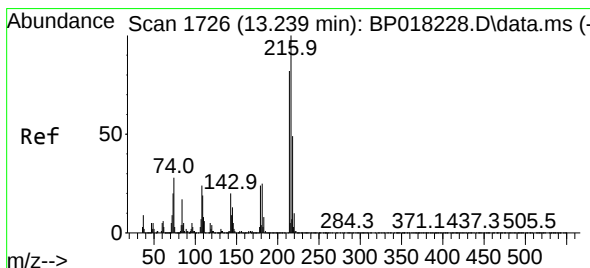
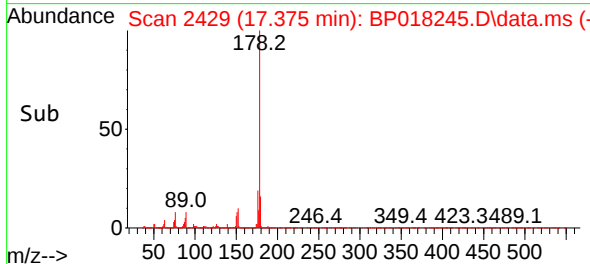
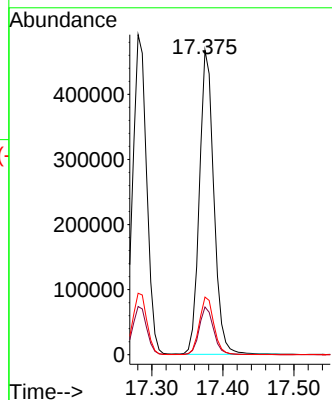
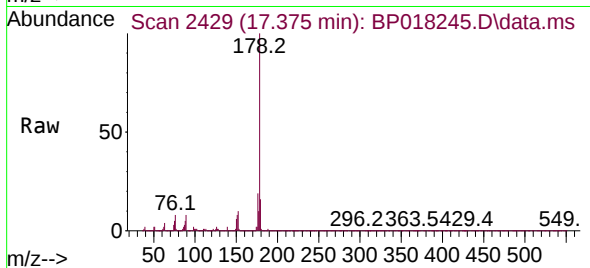
Tgt Ion:178 Resp: 661994

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

176 18.9 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.712 ng/uI

RT: 13.240 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

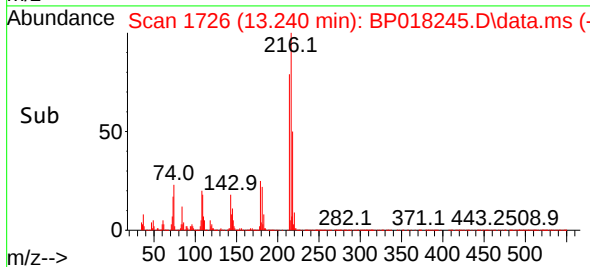
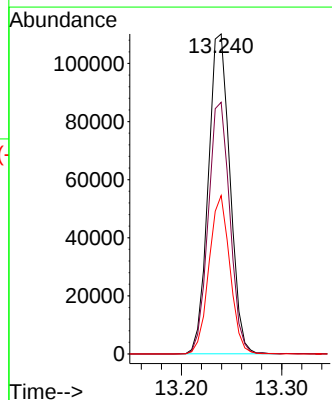
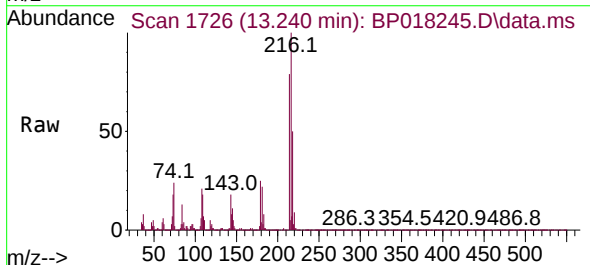
Tgt Ion:216 Resp: 165385

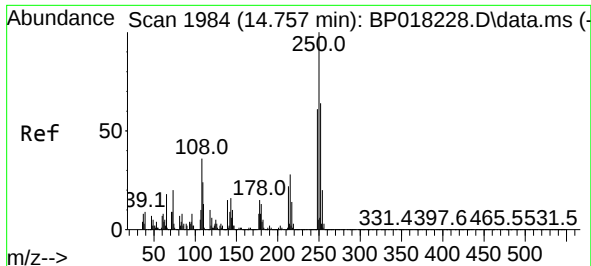
Ion Ratio Lower Upper

216 100

214 78.6 64.0 96.0

218 49.5 39.0 58.4

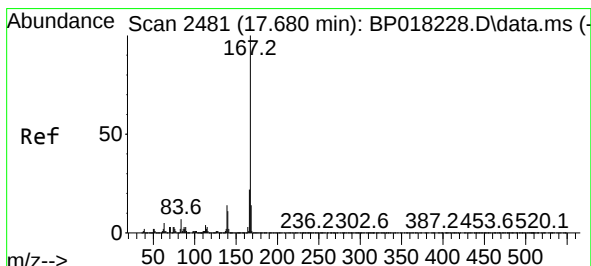
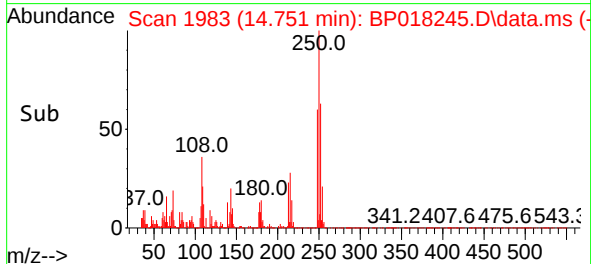
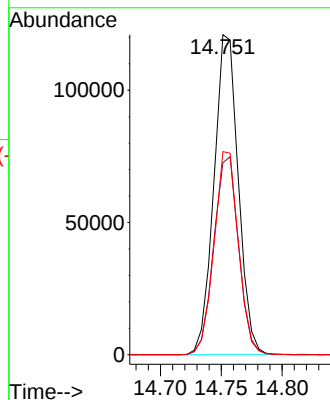
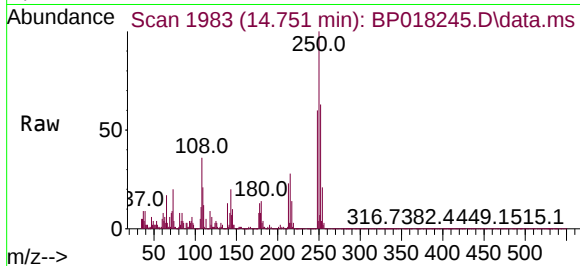




#76
 Pentachlorobenzene
 Concen: 34.019 ng/uL
 RT: 14.751 min Scan# 1983
 Delta R.T. -0.012 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

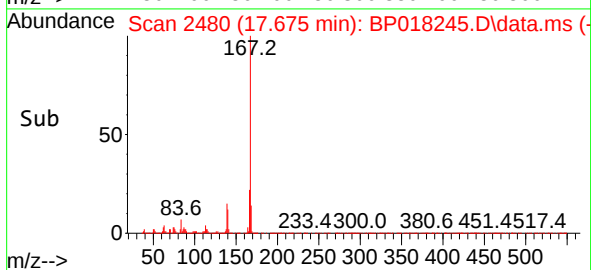
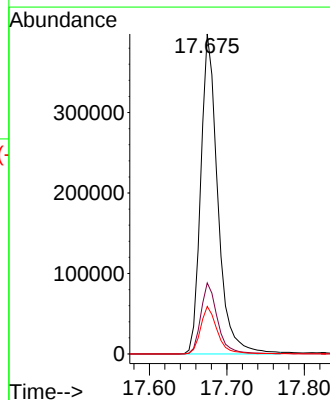
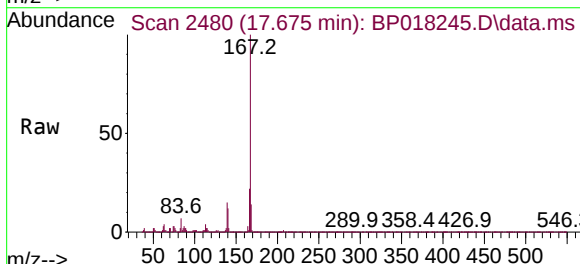
Instrument :
 BNA_M
 ClientSampleId :

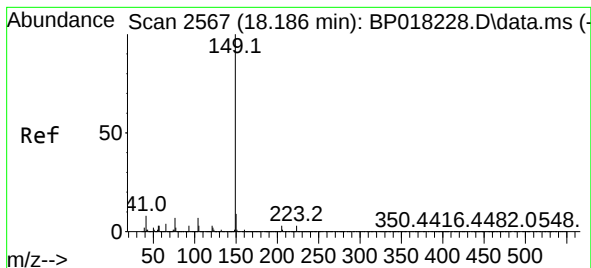
Tgt Ion:250 Resp: 168372
 Ion Ratio Lower Upper
 250 100
 248 60.0 52.7 79.1
 252 63.4 52.3 78.5



#77
 Carbazole
 Concen: 33.735 ng/uL
 RT: 17.675 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP018245.D
 Acq: 18 Nov 2023 05:20

Tgt Ion:167 Resp: 607714
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.8 11.4 17.0





#78

Di-n-butylphthalate

Concen: 35.701 ng/ul

RT: 18.181 min Scan# 2566

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

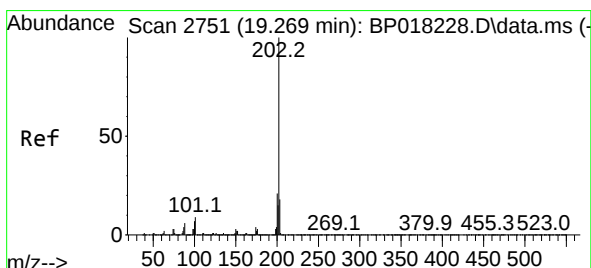
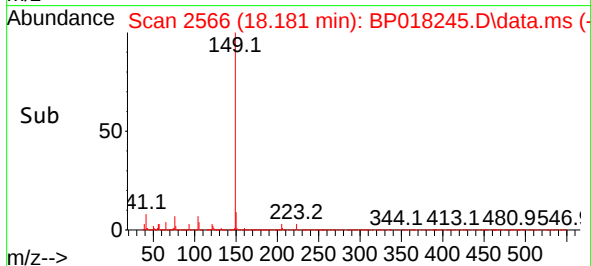
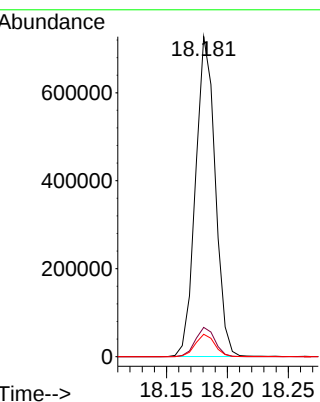
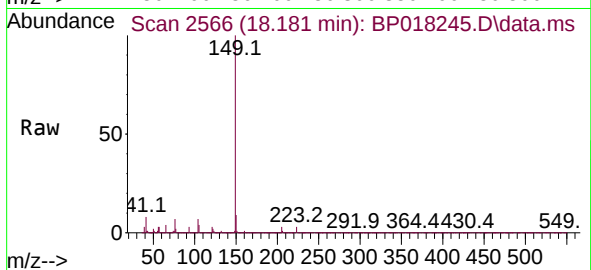
Tgt Ion:149 Resp: 816014

Ion Ratio Lower Upper

149 100

150 9.2 6.7 10.1

104 7.0 5.1 7.7



#80

Fluoranthene

Concen: 33.868 ng/ul

RT: 19.269 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

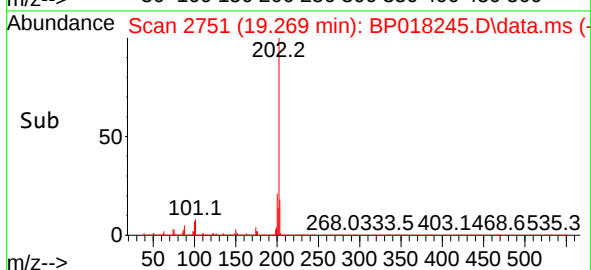
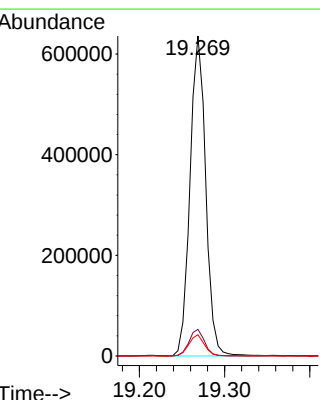
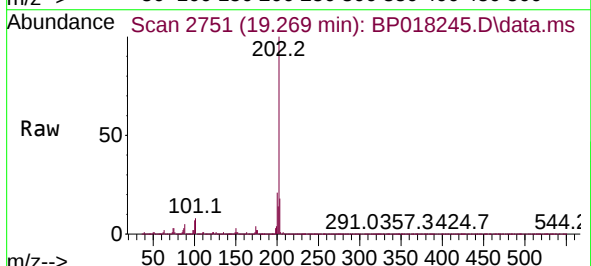
Tgt Ion:202 Resp: 814232

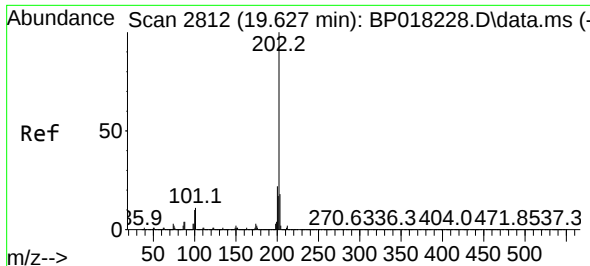
Ion Ratio Lower Upper

202 100

101 8.3 7.2 10.8

100 6.6 5.8 8.6

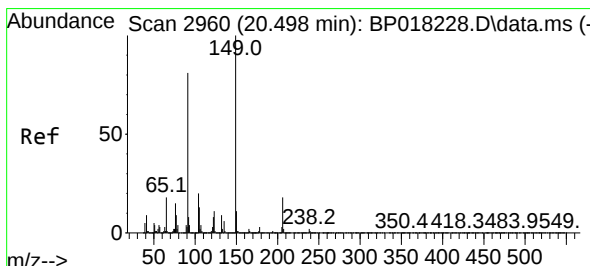
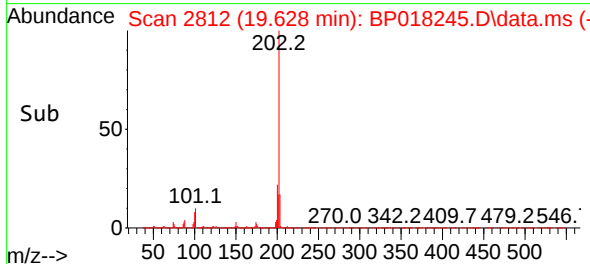
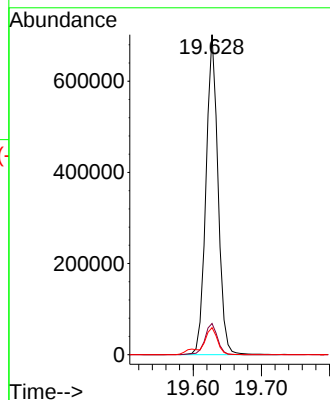
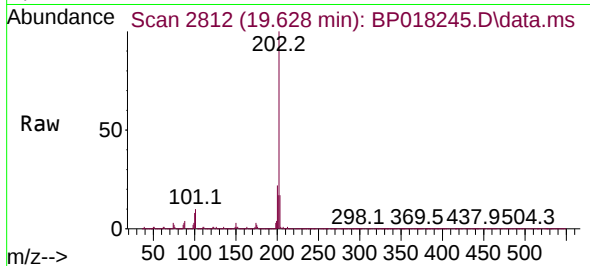




#82
Pyrene
Concen: 34.151 ng/ul
RT: 19.628 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

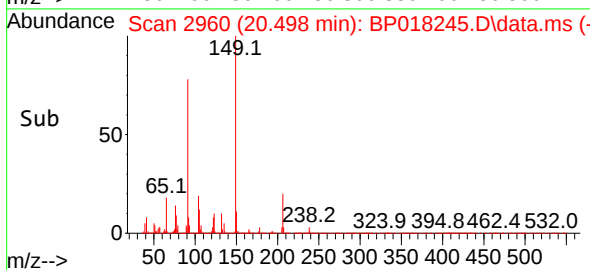
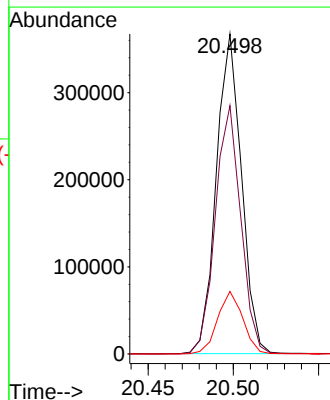
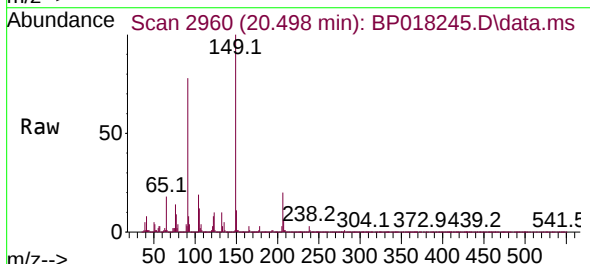
Instrument :
BNA_M
ClientSampleId :

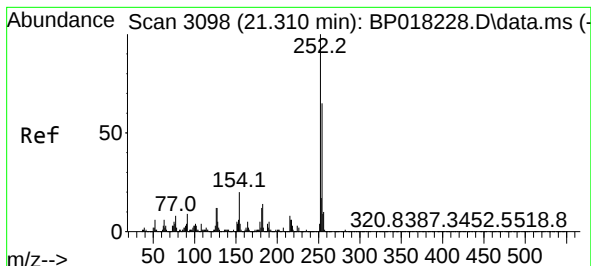
Tgt Ion:202 Resp: 860366
Ion Ratio Lower Upper
202 100
101 9.8 8.3 12.5
100 8.5 7.4 11.2



#83
Butylbenzylphthalate
Concen: 35.603 ng/ul
RT: 20.498 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:149 Resp: 377201
Ion Ratio Lower Upper
149 100
91 77.6 59.6 89.4
206 19.5 14.3 21.5





#84

3,3'-Dichlorobenzidine

Concen: 34.246 ng/ul

RT: 21.304 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

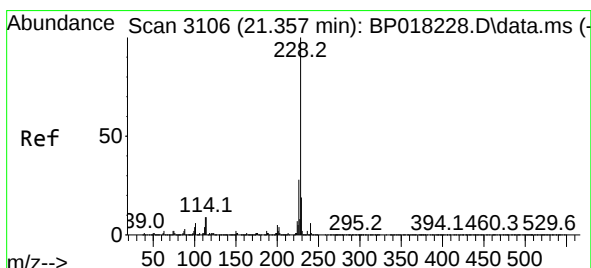
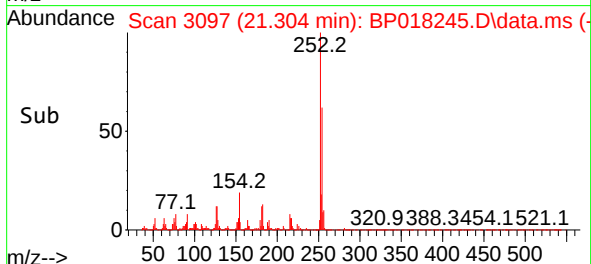
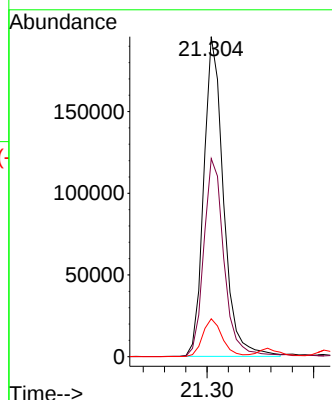
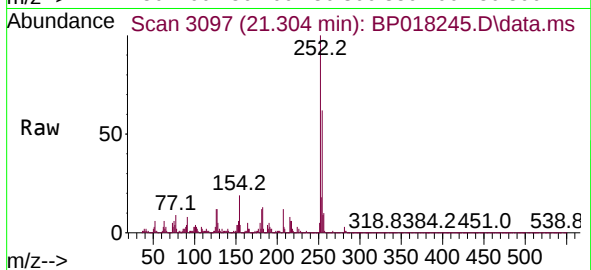
Tgt Ion:252 Resp: 252162

Ion Ratio Lower Upper

252 100

254 61.9 48.9 73.3

126 11.9 9.4 14.0



#85

Benzo(a)anthracene

Concen: 33.532 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

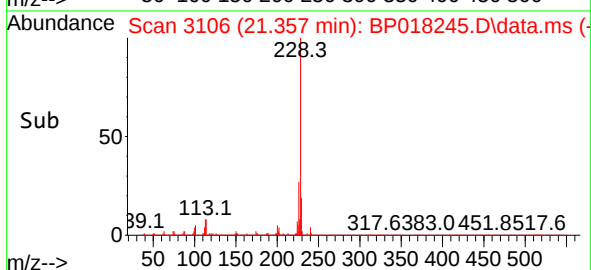
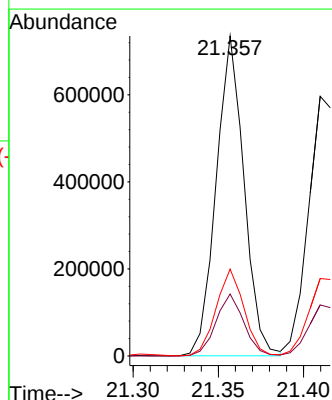
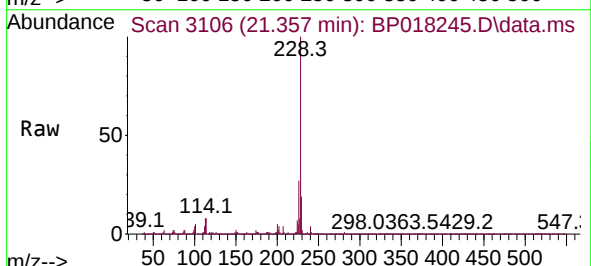
Tgt Ion:228 Resp: 834467

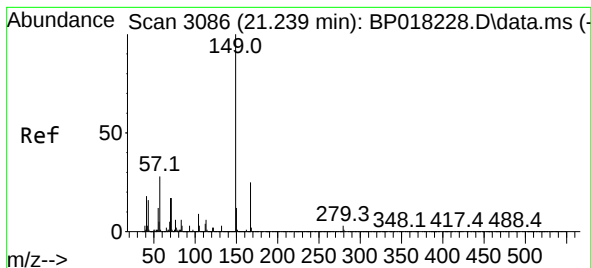
Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

226 27.2 21.4 32.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 36.477 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

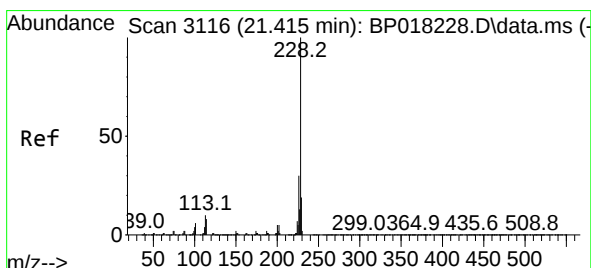
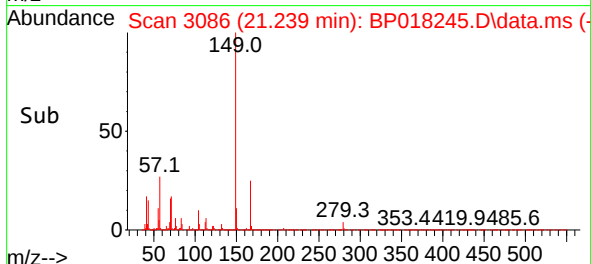
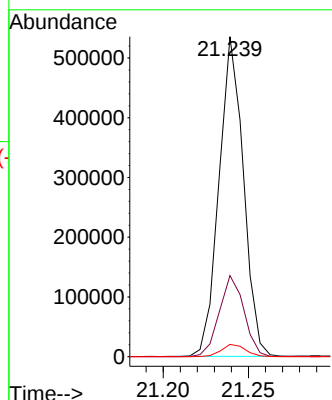
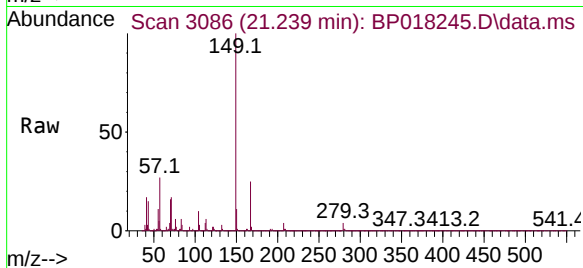
Tgt Ion:149 Resp: 532833

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

279 3.9 3.2 4.8



#87

Chrysene

Concen: 33.169 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

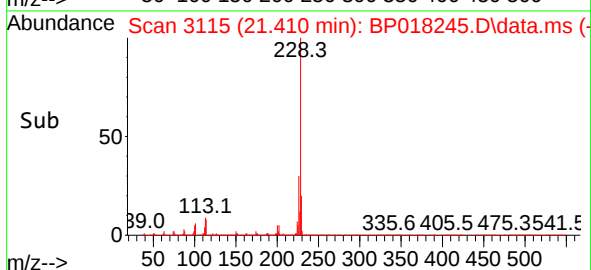
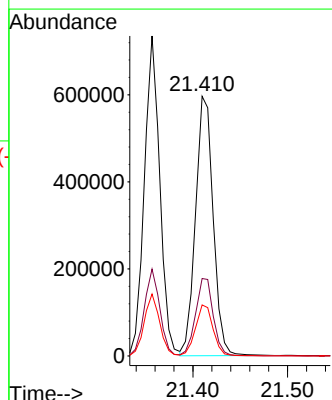
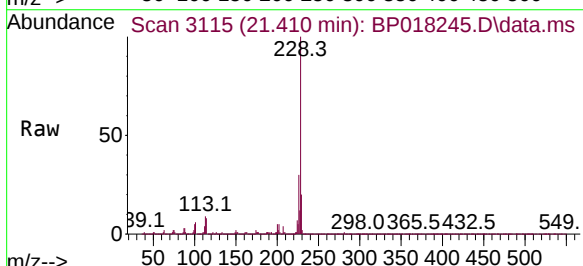
Tgt Ion:228 Resp: 772239

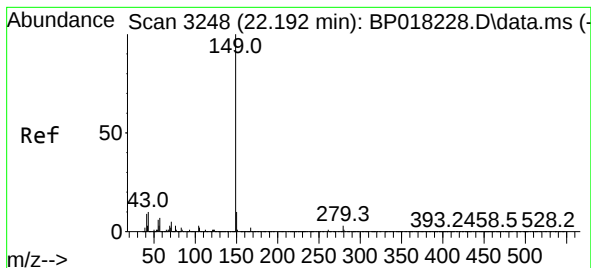
Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

229 19.7 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 38.793 ng/ul

RT: 22.192 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP018245.D

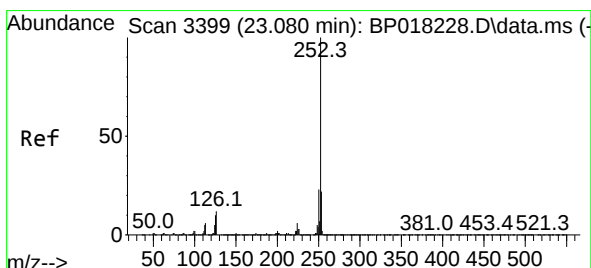
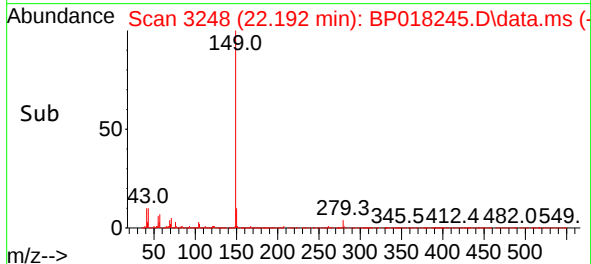
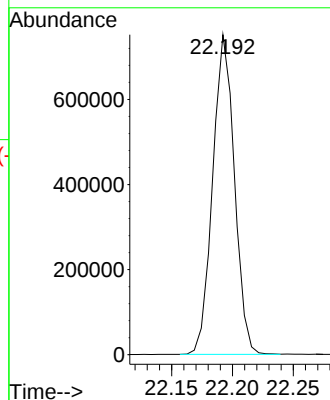
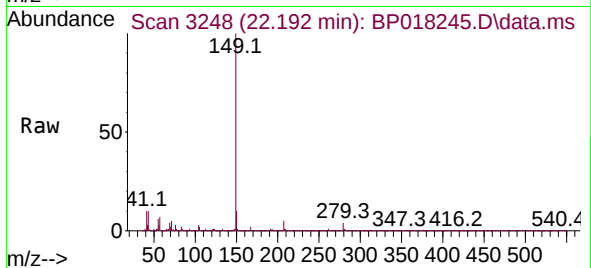
Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 932122



#90

Benzo(b)fluoranthene

Concen: 35.179 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

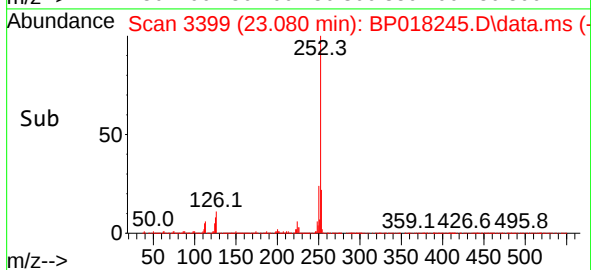
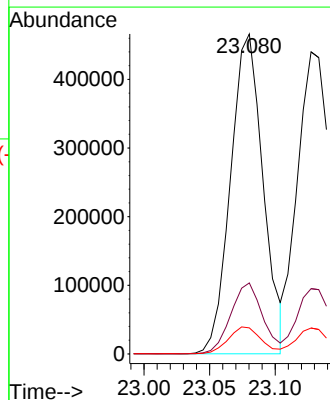
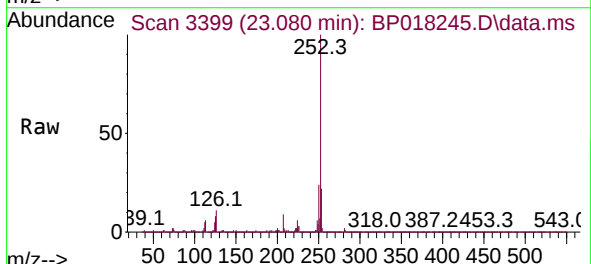
Tgt Ion:252 Resp: 804402

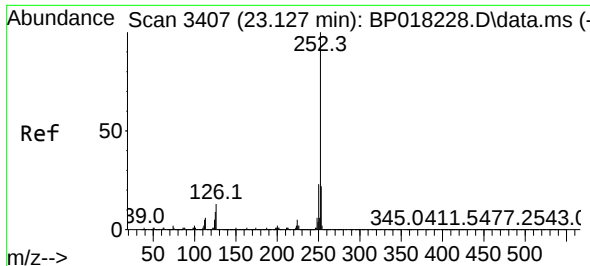
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 8.2 7.0 10.6

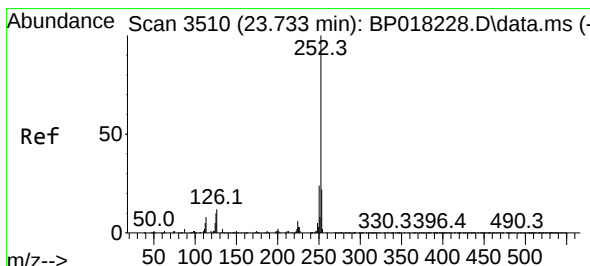
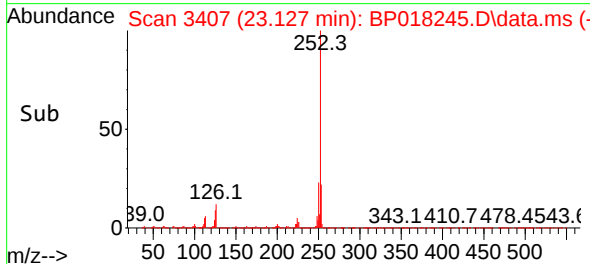
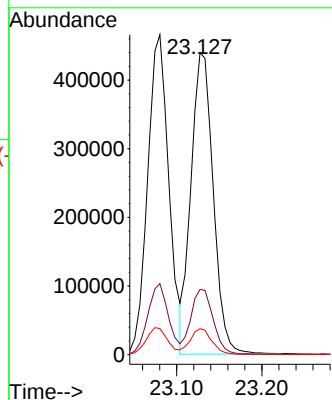
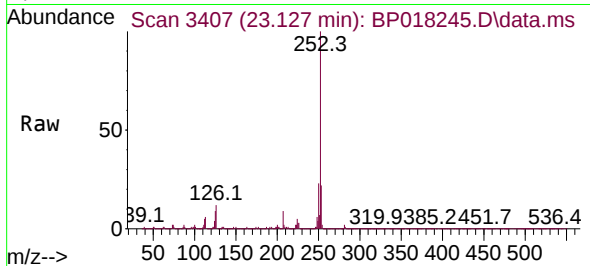




#91
Benzo(k)fluoranthene
Concen: 34.546 ng/ul
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

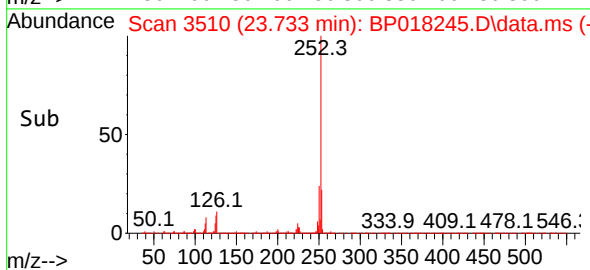
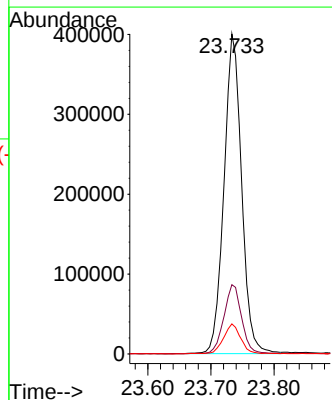
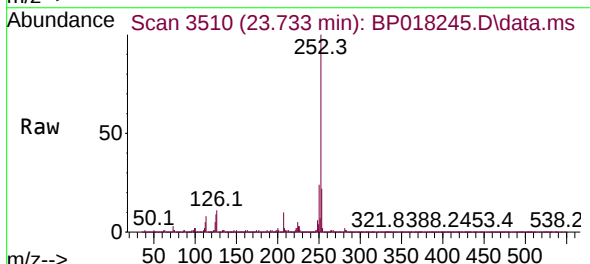
Instrument :
BNA_M
ClientSampleId :

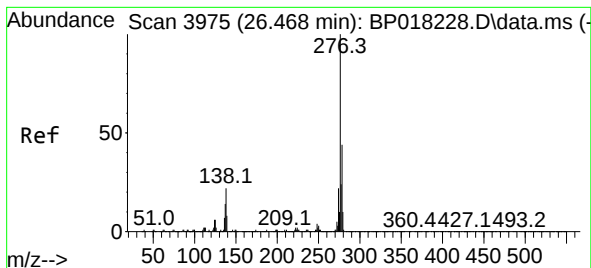
Tgt Ion:252 Resp: 794736
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.6 6.8 10.2



#93
Benzo(a)pyrene
Concen: 36.002 ng/ul
RT: 23.733 min Scan# 3510
Delta R.T. 0.000 min
Lab File: BP018245.D
Acq: 18 Nov 2023 05:20

Tgt Ion:252 Resp: 777414
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.4 7.3 10.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 33.953 ng/ul

RT: 26.474 min Scan# 3975

Delta R.T. 0.012 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :

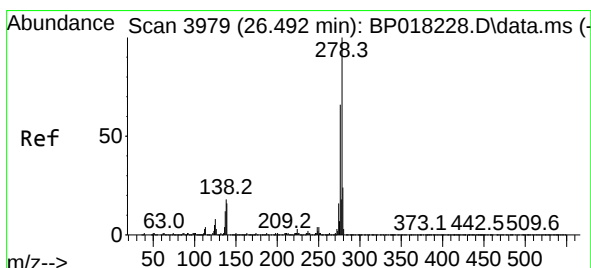
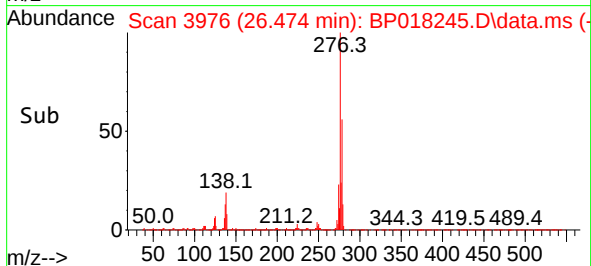
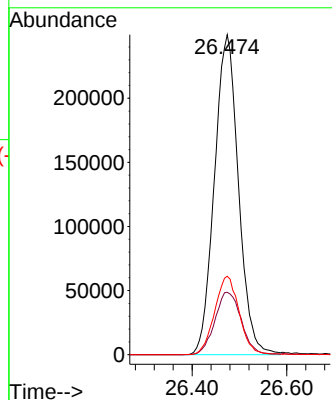
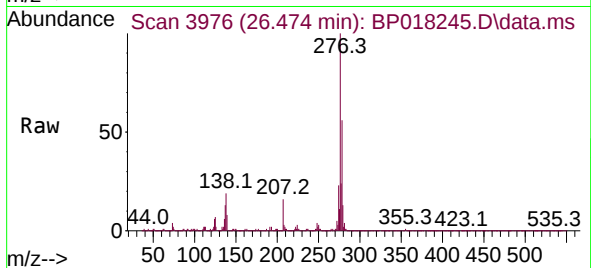
Tgt Ion:276 Resp: 879339

Ion Ratio Lower Upper

276 100

138 19.5 15.6 23.4

277 24.5 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 34.446 ng/ul

RT: 26.498 min Scan# 3980

Delta R.T. 0.006 min

Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

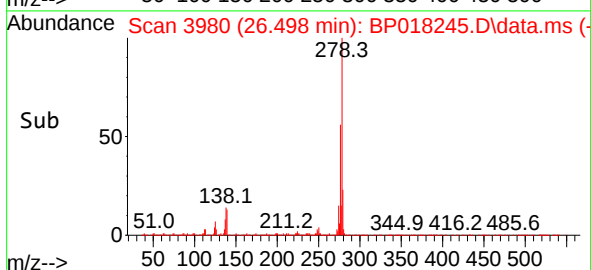
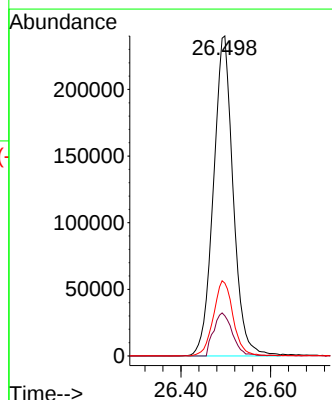
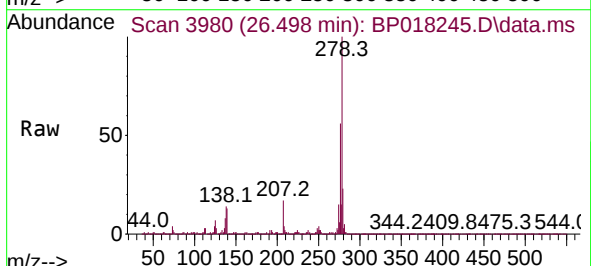
Tgt Ion:278 Resp: 734561

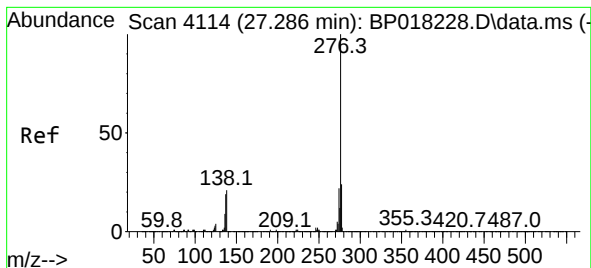
Ion Ratio Lower Upper

278 100

139 12.6 11.1 16.7

279 22.8 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 33.680 ng/ul

RT: 27.292 min Scan# 4115

Delta R.T. 0.012 min

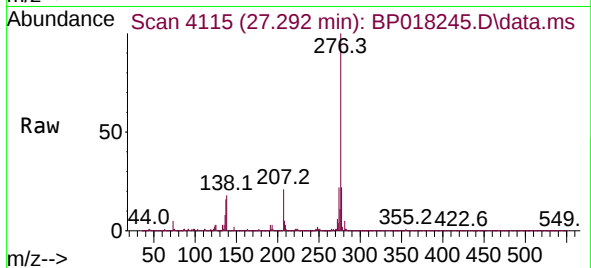
Lab File: BP018245.D

Acq: 18 Nov 2023 05:20

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 697683

Ion Ratio Lower Upper

276 100

138 18.0 13.8 20.6

277 22.4 20.2 30.2

