

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018246.D
 Acq On : 18 Nov 2023 05:54
 Operator : MA/JU
 Sample : PB157219BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:46:38 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	7.775	152	59100	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.593	136	234918	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	149510	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	348876	20.000	ng/u1	0.00
79) Chrysene-d12	21.375	240	341562	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	349120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	9900	5.909	ng/uL	0.00
4) Pyridine-d5	3.587	84	123726	28.324	ng/u1	0.00
7) Phenol-d5	6.946	99	167099	29.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	101909	30.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	137678	30.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	133783	28.614	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	65317	30.861	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.693	143	73247	30.548	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	135840	31.786	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	169829	28.978	ng/u1	-0.01
46) Dimethylphthalate-d6	13.881	166	435087	31.540	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	459391	30.575	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	59910	29.063	ng/u1	-0.01
60) Fluorene-d10	15.463	176	368822	32.383	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	79898	31.679	ng/u1	0.00
73) Anthracene-d10	17.339	188	594489	31.507	ng/u1	0.00
81) Pyrene-d10	19.598	212	735212	32.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	696331	34.302	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	24366	13.328	ng/uL	97
5) Pyridine	3.611	79	134187	29.764	ng/u1	97
6) Benzaldehyde	6.952	77	104420	33.982	ng/u1	97
8) Phenol	6.975	94	183390	32.582	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.222	93	145691	33.364	ng/u1	96
12) 2-Chlorophenol	7.334	128	154979	34.162	ng/u1	96
13) 2-Methylphenol	8.234	108	139350	32.766	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.287	45	95888	19.231	ng/u1	98
16) Acetophenone	8.634	105	249356	33.552	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.599	70	131612	32.437	ng/u1	95
18) 4-Methylphenol	8.569	108	151658	32.699	ng/u1	94
19) Hexachloroethane	8.822	117	74475	34.312	ng/u1	92
22) Nitrobenzene	9.028	77	209133	36.595	ng/u1	97
23) Isophorone	9.534	82	350073	33.570	ng/u1	99
25) 2-Nitrophenol	9.728	139	87762	35.618	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	146507	27.952	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	202144	35.547	ng/u1	100
29) 2,4-Dichlorophenol	10.246	162	147366	36.111	ng/u1	96
30) Naphthalene	10.646	128	494391	34.606	ng/u1	99
32) 4-Chloroaniline	10.799	127	167173	29.780	ng/u1	100
33) Hexachlorobutadiene	10.857	225	109355	36.502	ng/u1	98
34) Caprolactam	11.634	113	46875	34.577	ng/u1	98
35) 4-Chloro-3-methylphenol	11.916	107	174472	35.536	ng/u1	97
36) 2-Methylnaphthalene	12.263	142	340967	34.764	ng/u1	98

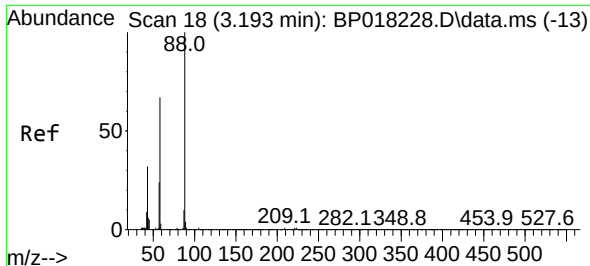
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	341564	33.889	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	188346	37.291	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	70305	28.838	ng/ul	99
41) 2,4,6-Trichlorophenol	12.887	196	120519	36.375	ng/ul	97
42) 2,4,5-Trichlorophenol	12.963	196	123991	35.558	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	445483	35.041	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	350294	34.705	ng/ul	100
45) 2-Nitroaniline	13.593	65	125919	38.659	ng/ul	94
47) Dimethylphthalate	13.928	163	493150	36.443	ng/ul	100
48) 2,6-Dinitrotoluene	14.087	165	97306	36.177	ng/ul	97
50) Acenaphthylene	14.187	152	591312	34.858	ng/ul	99
51) 3-Nitroaniline	14.434	138	89442	35.836	ng/ul	92
52) Acenaphthene	14.522	153	393720	35.002	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	44378	30.244	ng/ul	96
55) 4-Nitrophenol	14.740	109	107727	39.370	ng/ul	88
56) Dibenzofuran	14.863	168	557050	36.137	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	155522	38.701	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	108732	35.053	ng/ul	98
59) Diethylphthalate	15.287	149	540959	38.264	ng/ul	100
61) Fluorene	15.516	166	489924	37.435	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	246195	38.388	ng/ul	97
63) 4-Nitroaniline	15.610	138	92693	39.356	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.634	198	93825	35.851	ng/ul	91
67) N-Nitrosodiphenylamine	15.740	169	409248	36.577	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	146614	37.287	ng/ul	91
69) Hexachlorobenzene	16.498	284	164050	37.389	ng/ul	96
70) Atrazine	16.704	200	126384	32.382	ng/ul	97
71) Pentachlorophenol	16.875	266	70942	26.636	ng/ul	98
72) Phenanthrene	17.287	178	794564	37.093	ng/ul	100
74) Anthracene	17.375	178	797545	36.484	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	189052	35.485	ng/ul	99
76) Pentachlorobenzene	14.751	250	180808	34.668	ng/ul	96
77) Carbazole	17.675	167	737579	38.855	ng/ul	99
78) Di-n-butylphthalate	18.181	149	1001785	41.592	ng/ul	98
80) Fluoranthene	19.269	202	1011521	37.963	ng/ul	99
82) Pyrene	19.628	202	1004309	35.970	ng/ul	99
83) Butylbenzylphthalate	20.498	149	478087	40.717	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.304	252	301926	36.999	ng/ul	95
85) Benzo(a)anthracene	21.357	228	1047850	37.993	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	684805	42.301	ng/ul	98
87) Chrysene	21.416	228	961763	37.274	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1170589	44.834	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	989062	39.808	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	988606	39.548	ng/ul	99
93) Benzo(a)pyrene	23.733	252	926401	39.482	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	1084497	38.537	ng/ul	99
95) Dibenzo(a,h)anthracene	26.498	278	908496	39.207	ng/ul	99
96) Benzo(g,h,i)perylene	27.292	276	866505	38.496	ng/ul	97

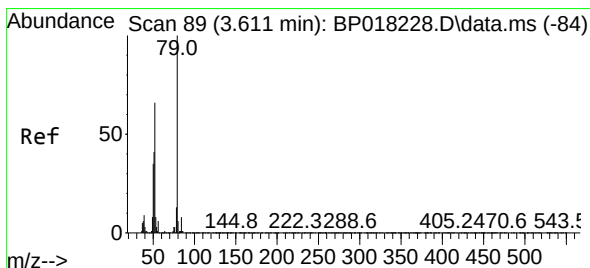
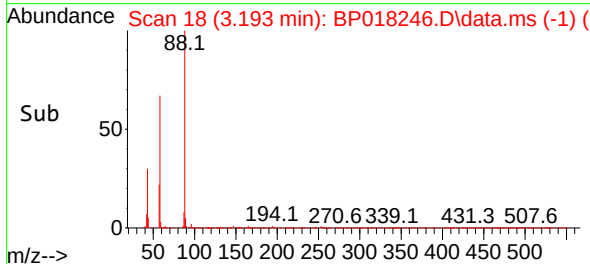
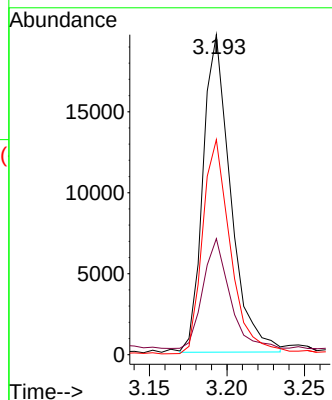
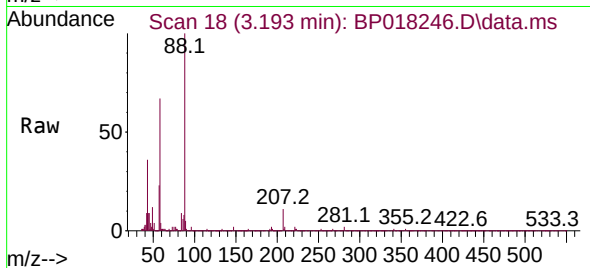
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#2
1,4-Dioxane
Concen: 13.328 ng/uL
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP018246.D
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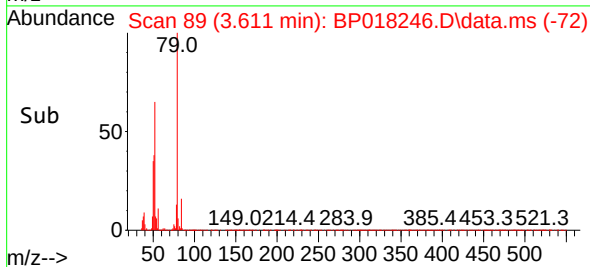
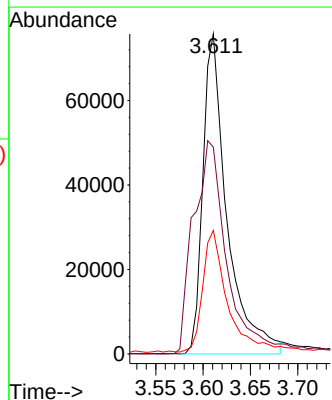
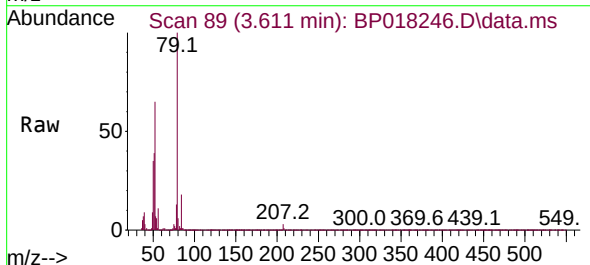
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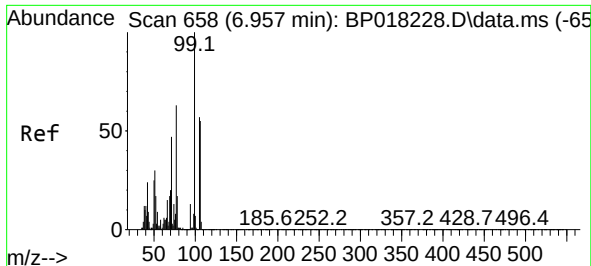
Tgt Ion: 88 Resp: 24366
Ion Ratio Lower Upper
88 100
43 36.3 25.4 38.2
58 67.2 53.3 79.9



#5
Pyridine
Concen: 29.764 ng/uL
RT: 3.611 min Scan# 89
Delta R.T. 0.000 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion: 79 Resp: 134187
Ion Ratio Lower Upper
79 100
52 64.7 53.9 80.9
51 38.6 32.2 48.2

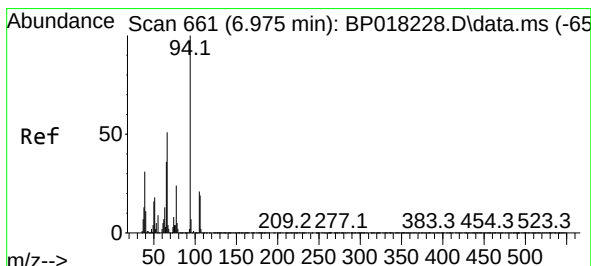
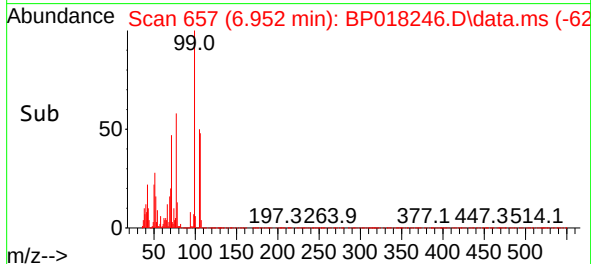
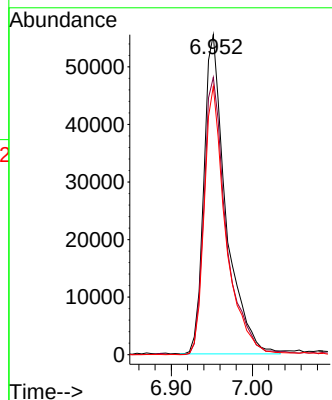
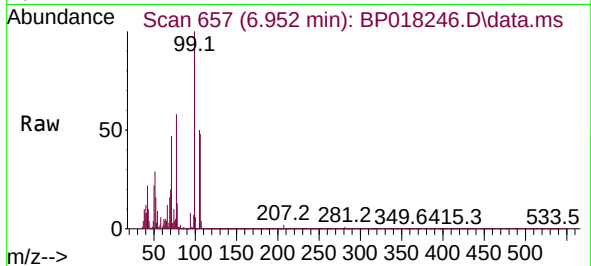




#6
Benzaldehyde
Concen: 33.982 ng/ul
RT: 6.952 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

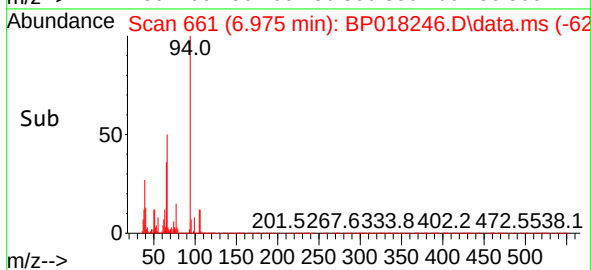
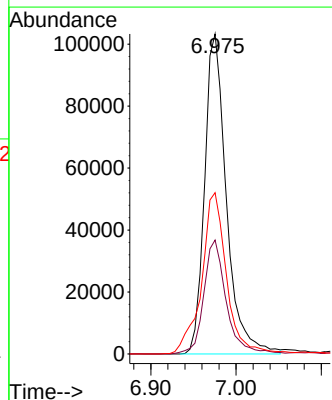
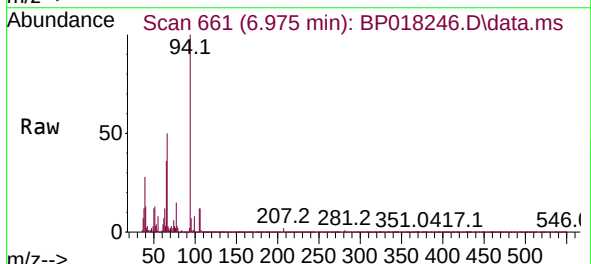
Instrument :
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ClientSampleId :

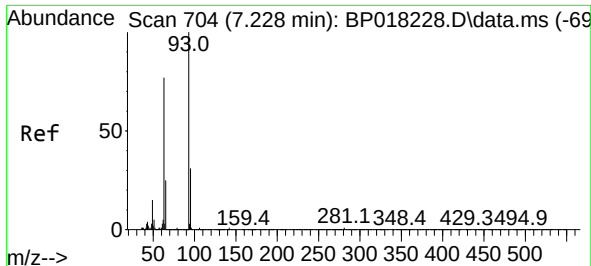
Tgt Ion: 77 Resp: 104420
Ion Ratio Lower Upper
77 100
105 86.7 72.7 109.1
106 83.8 67.5 101.3



#8
Phenol
Concen: 32.582 ng/ul
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

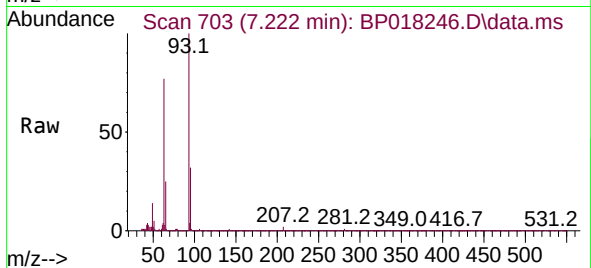
Tgt Ion: 94 Resp: 183390
Ion Ratio Lower Upper
94 100
65 35.6 28.2 42.2
66 50.4 40.3 60.5



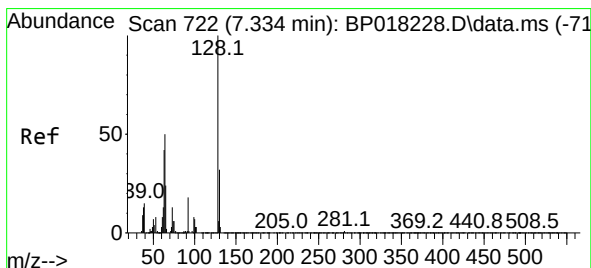
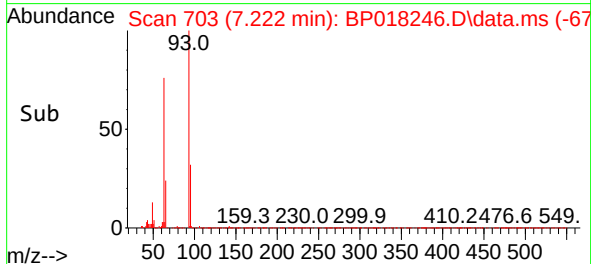
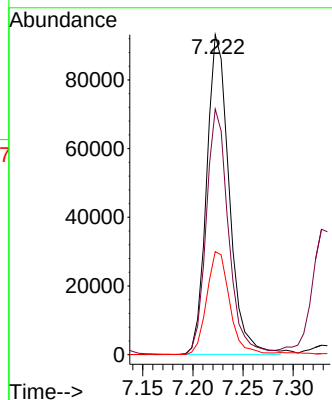


#10
Bis(2-Chloroethyl)ether
Concen: 33.364 ng/ul
RT: 7.222 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Instrument :
BNA_M
ClientSampleId :

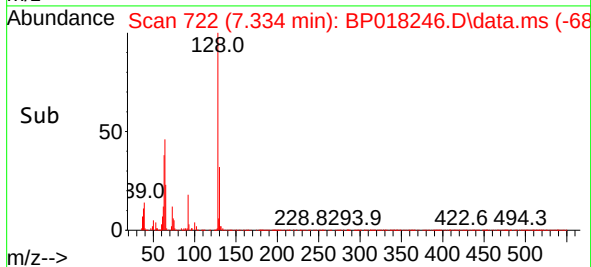
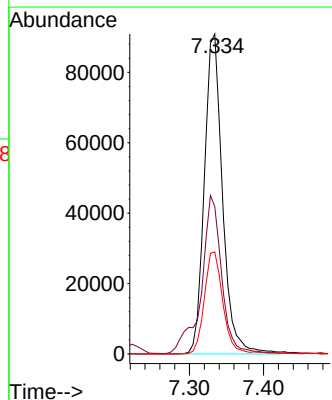
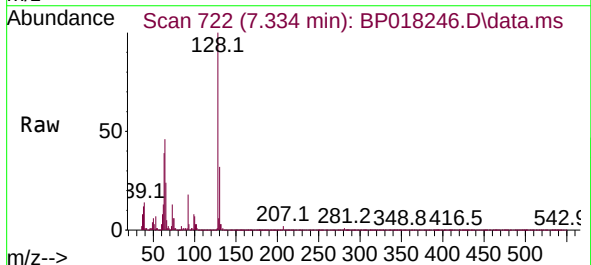


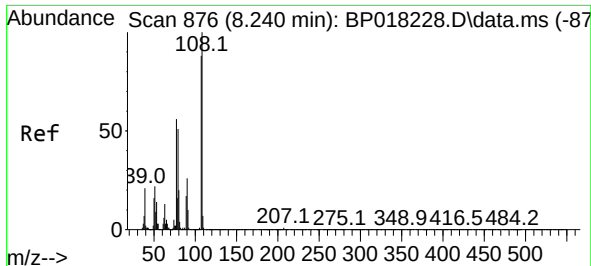
Tgt Ion: 93 Resp: 145691
Ion Ratio Lower Upper
93 100
63 76.7 57.8 86.6
95 32.2 25.5 38.3



#12
2-Chlorophenol
Concen: 34.162 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:128 Resp: 154979
Ion Ratio Lower Upper
128 100
64 46.1 39.2 58.8
130 31.9 26.6 40.0

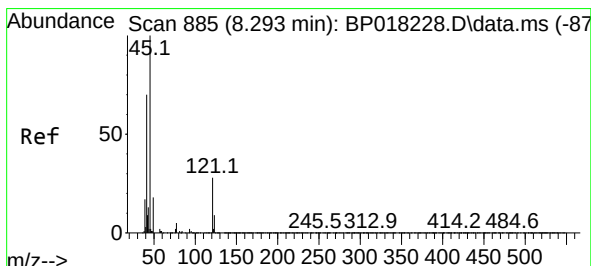
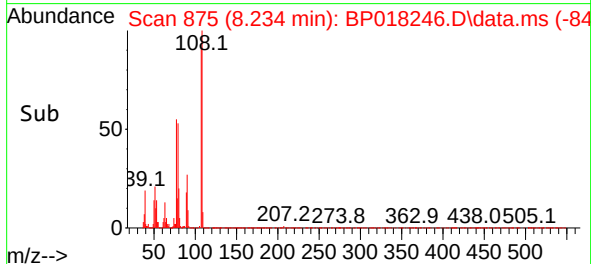
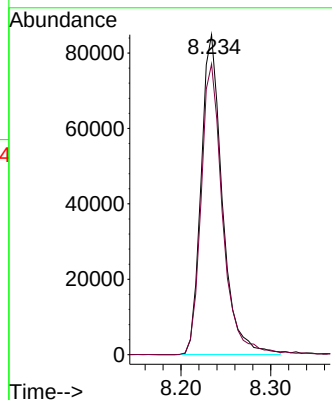
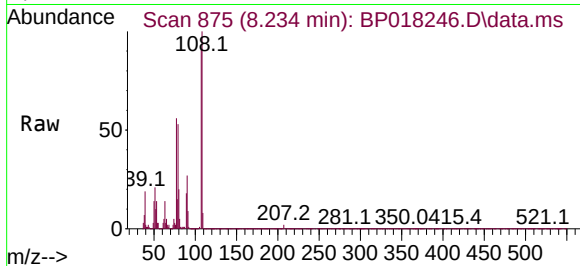




#13
2-Methylphenol
Concen: 32.766 ng/ul
RT: 8.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

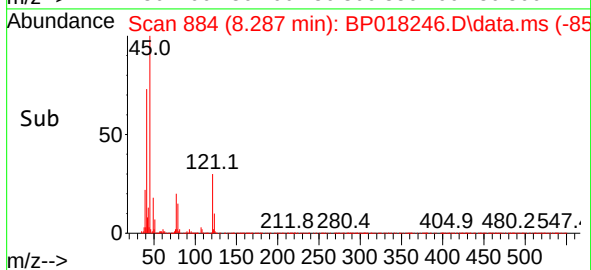
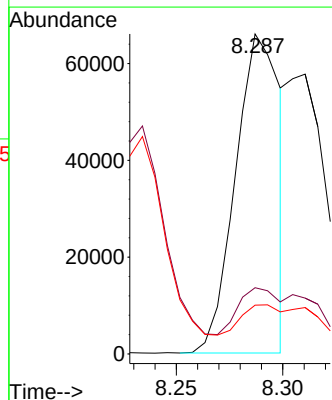
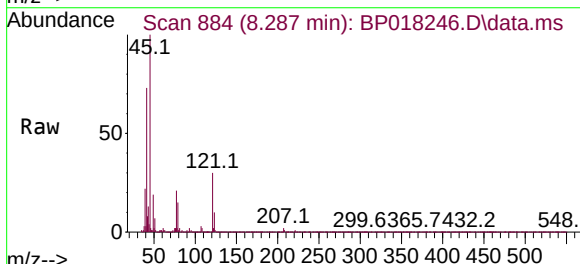
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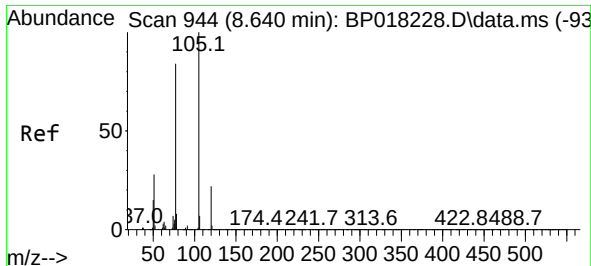
Tgt Ion:108 Resp: 139350
Ion Ratio Lower Upper
108 100
107 90.8 75.2 112.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.231 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion: 45 Resp: 95888
Ion Ratio Lower Upper
45 100
77 20.7 16.1 24.1
79 15.3 11.1 16.7

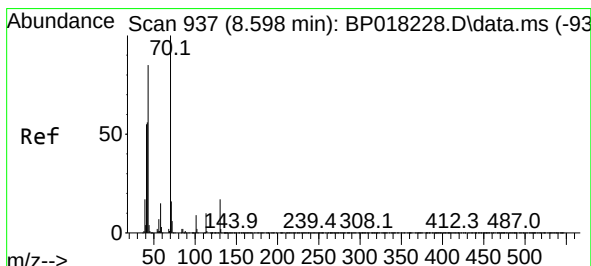
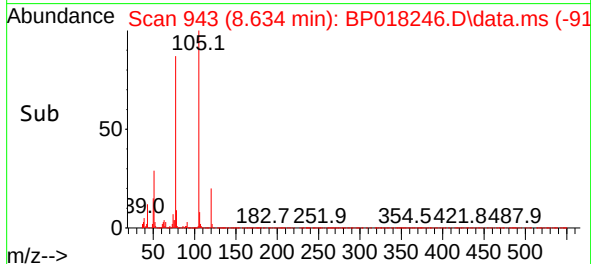
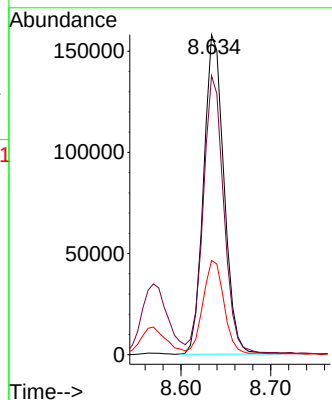
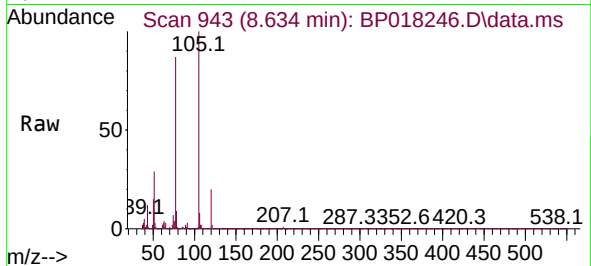




#16
Acetophenone
Concen: 33.552 ng/ul
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

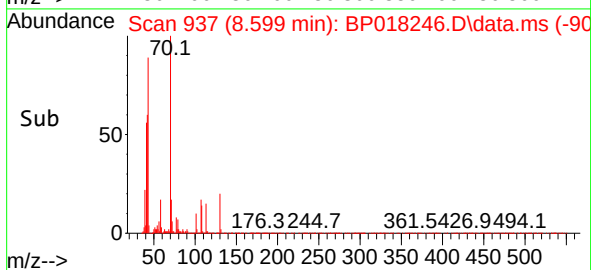
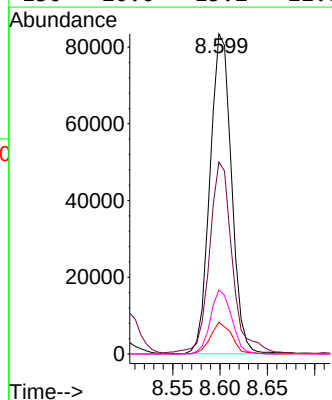
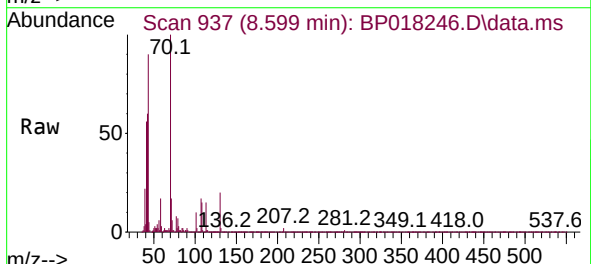
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ClientSampleId :

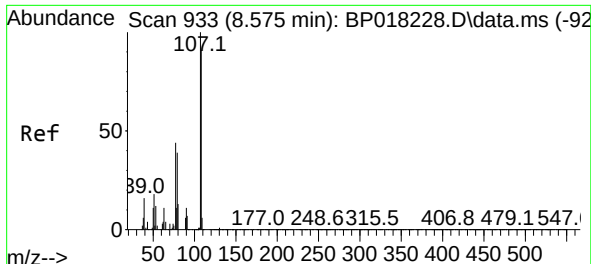
Tgt Ion:105 Resp: 249356
Ion Ratio Lower Upper
105 100
77 87.2 70.1 105.1
51 29.4 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 32.437 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

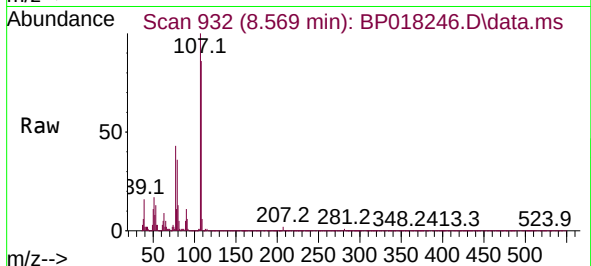
Tgt Ion: 70 Resp: 131612
Ion Ratio Lower Upper
70 100
42 60.0 43.7 65.5
101 10.0 8.2 12.4
130 20.0 15.2 22.8



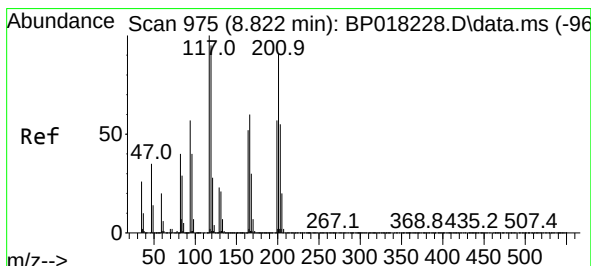
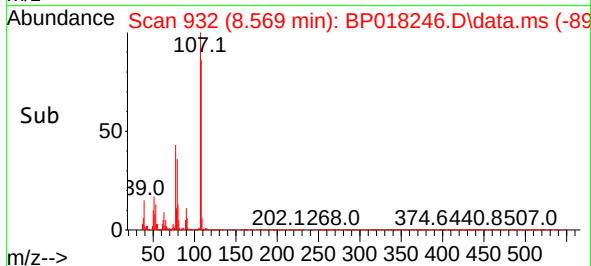
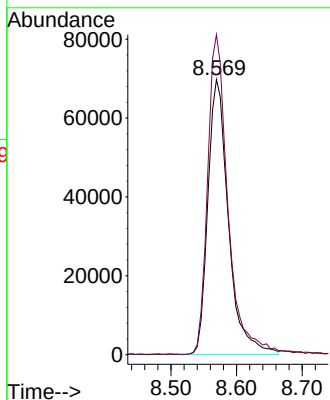


#18
4-Methylphenol
Concen: 32.699 ng/ul
RT: 8.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Instrument :
BNA_M
ClientSampleId :

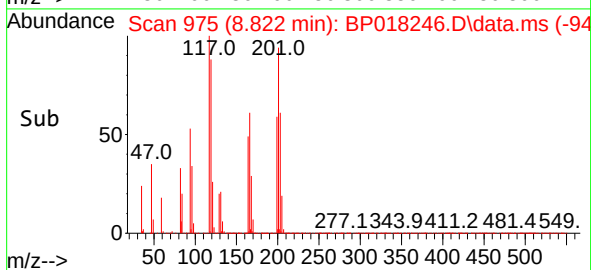
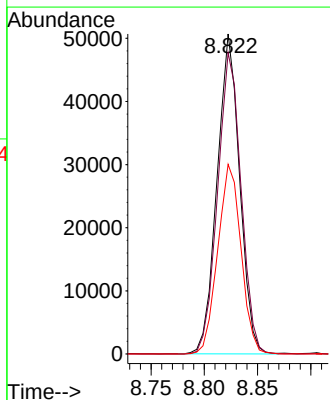
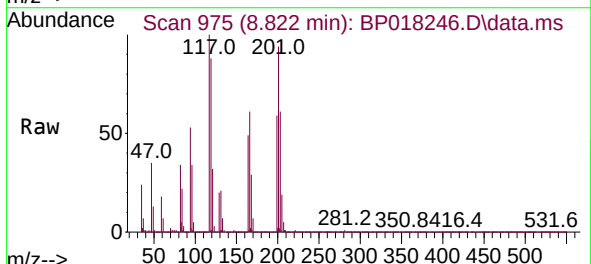


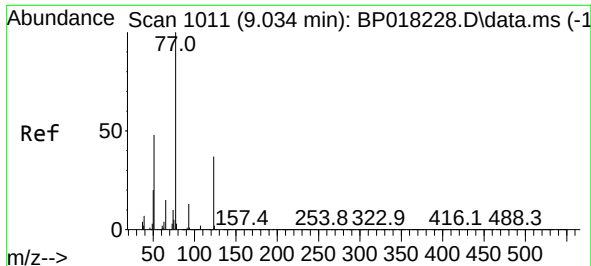
Tgt Ion:108 Resp: 151658
Ion Ratio Lower Upper
108 100
107 116.3 88.2 132.4



#19
Hexachloroethane
Concen: 34.312 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:117 Resp: 74475
Ion Ratio Lower Upper
117 100
201 94.1 84.8 127.2
199 59.3 49.0 73.4





#22

Nitrobenzene

Concen: 36.595 ng/ul

RT: 9.028 min Scan# 1010

Delta R.T. -0.006 min

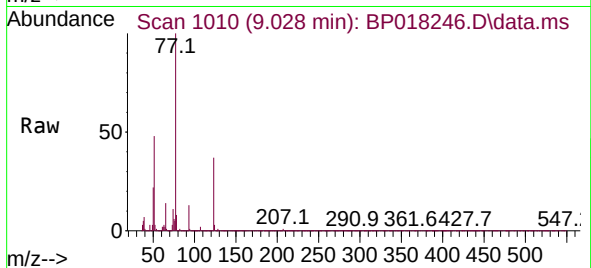
Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

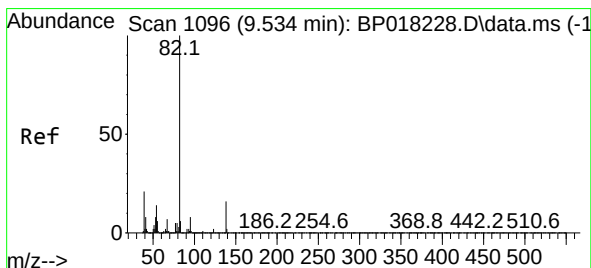
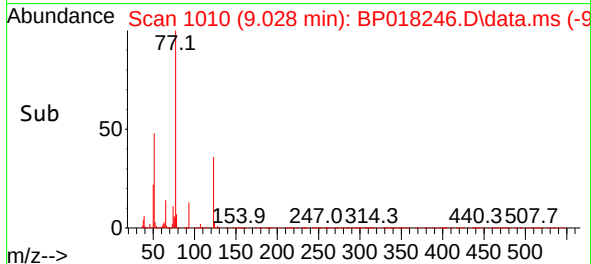
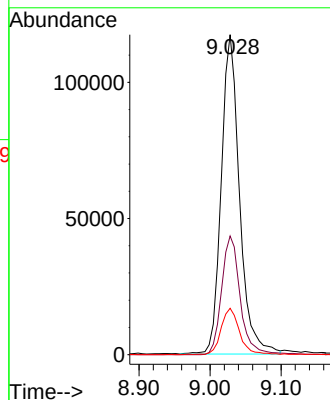
BNA_M

ClientSampleId :



Tgt Ion: 77 Resp: 209133

Ion	Ratio	Lower	Upper
77	100		
123	37.1	27.8	41.8
65	14.5	11.5	17.3



#23

Isophorone

Concen: 33.570 ng/ul

RT: 9.534 min Scan# 1096

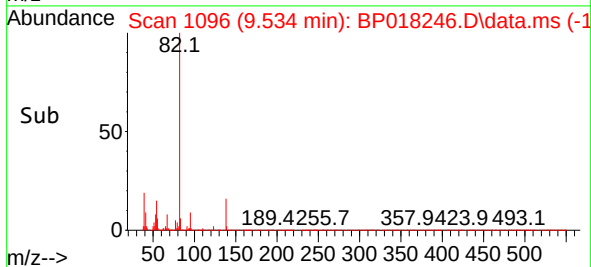
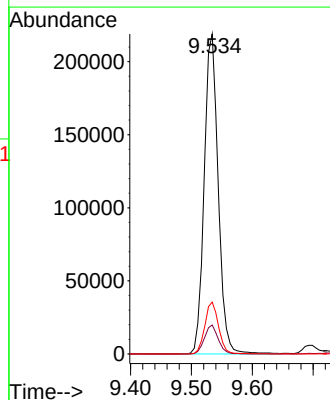
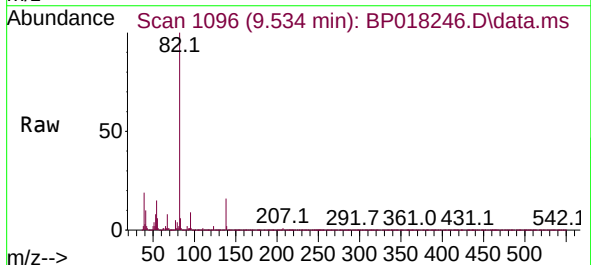
Delta R.T. 0.000 min

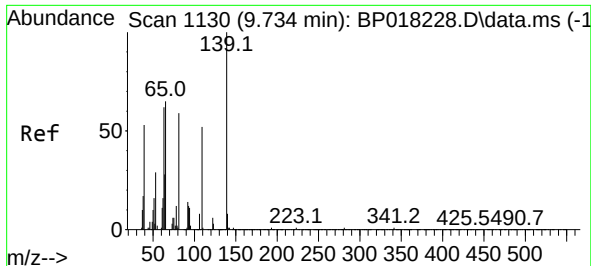
Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Tgt Ion: 82 Resp: 350073

Ion	Ratio	Lower	Upper
82	100		
95	9.0	6.6	9.8
138	16.2	13.1	19.7

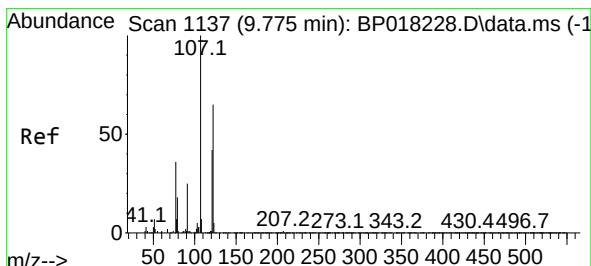
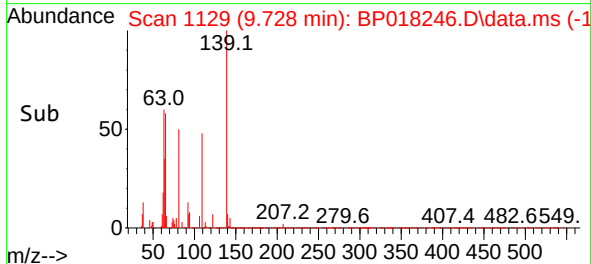
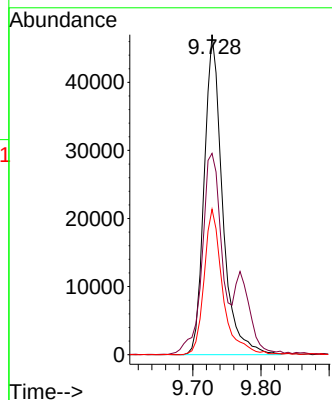
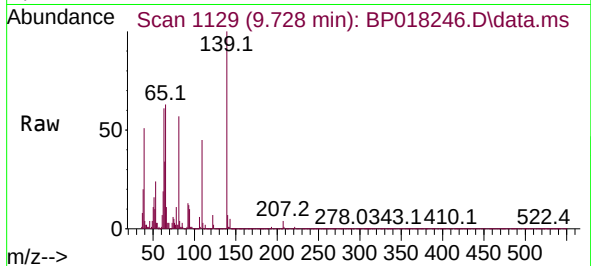




#25
2-Nitrophenol
Concen: 35.618 ng/ul
RT: 9.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

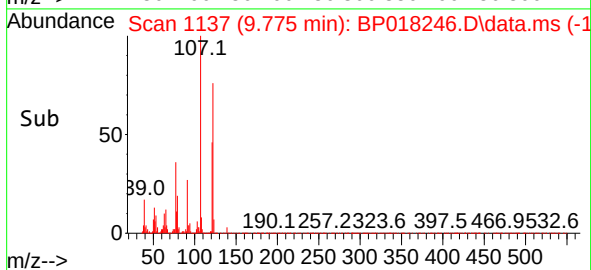
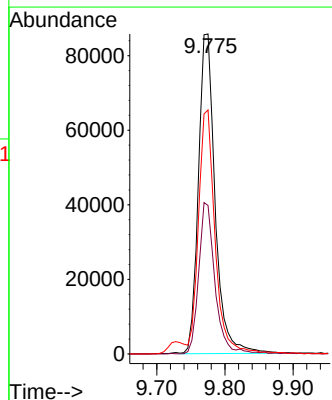
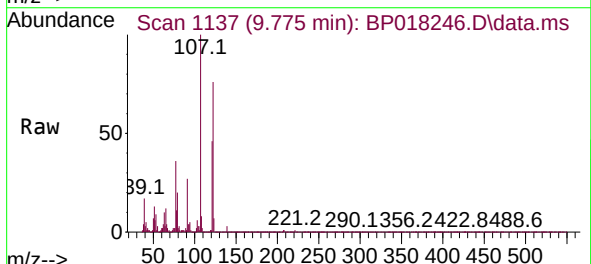
Instrument :
BNA_M
ClientSampleId :

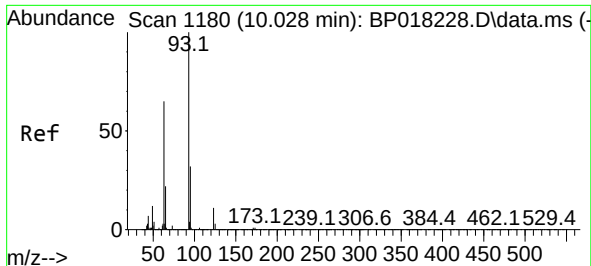
Tgt Ion:139 Resp: 87762
Ion Ratio Lower Upper
139 100
65 62.9 51.4 77.0
109 45.4 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 27.952 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:107 Resp: 146507
Ion Ratio Lower Upper
107 100
121 46.4 37.8 56.8
122 76.3 62.1 93.1





#27

Bis(2-Chloroethoxy)methane

Concen: 35.547 ng/ul

RT: 10.022 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

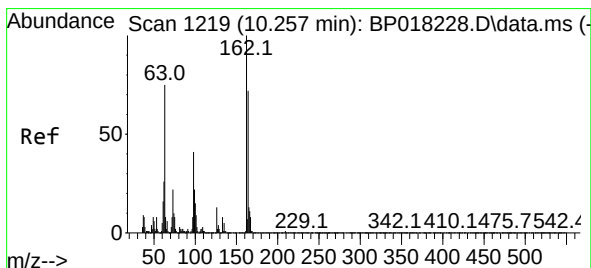
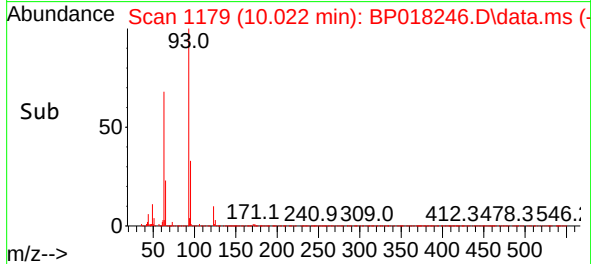
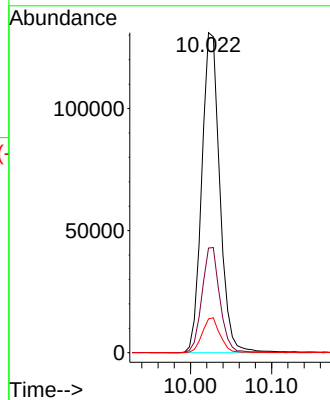
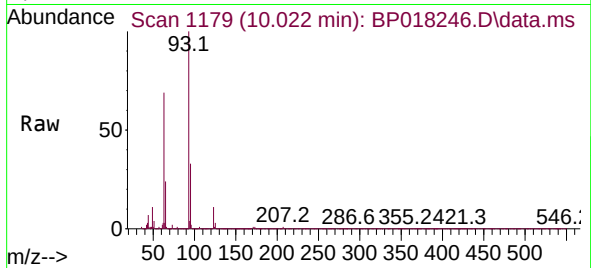
Tgt Ion: 93 Resp: 202144

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 10.6 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 36.111 ng/ul

RT: 10.246 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

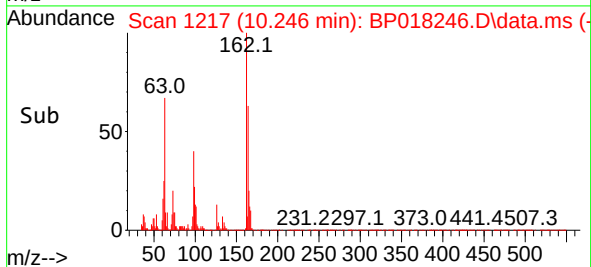
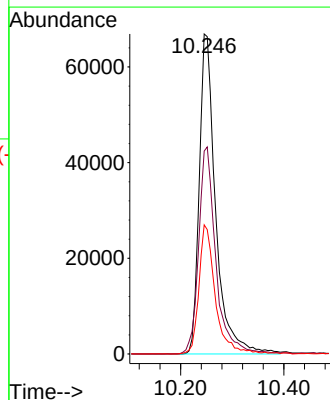
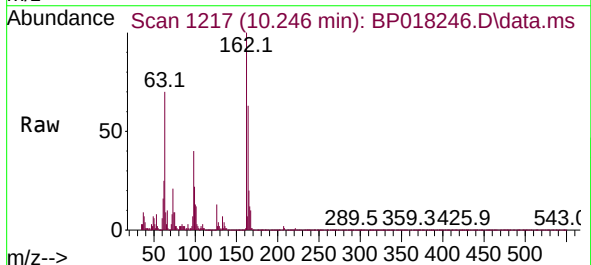
Tgt Ion:162 Resp: 147366

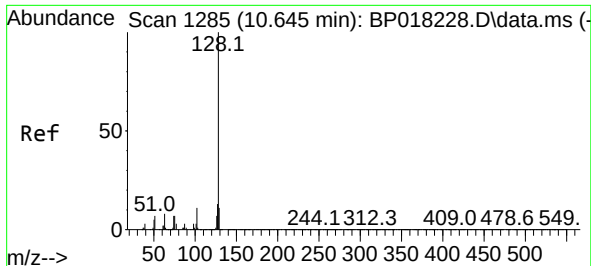
Ion Ratio Lower Upper

162 100

164 63.4 51.8 77.6

98 40.4 28.7 43.1

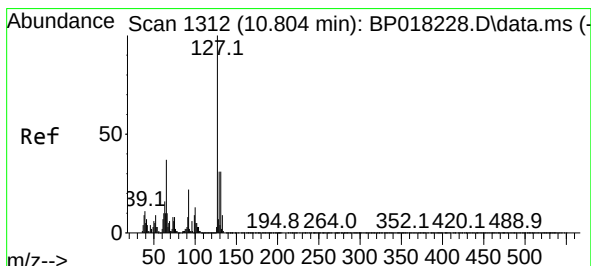
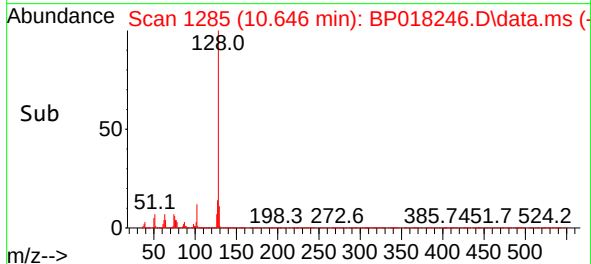
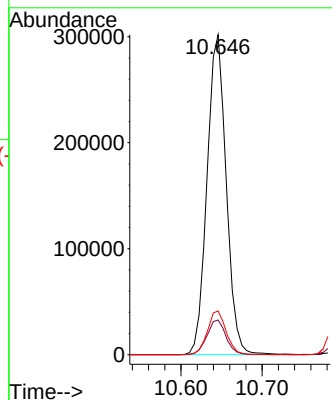
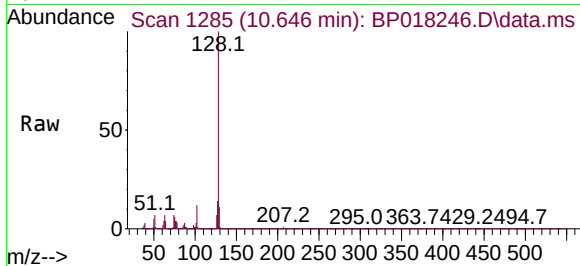




#30
Naphthalene
Concen: 34.606 ng/ul
RT: 10.646 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

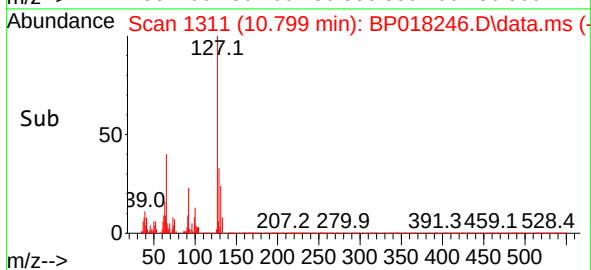
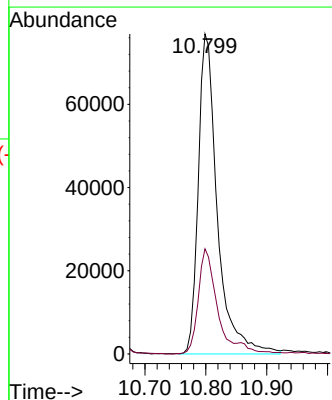
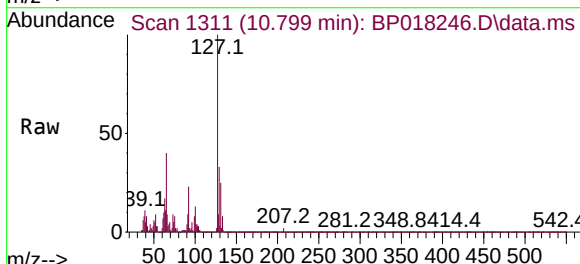
Instrument :
BNA_M
ClientSampleId :

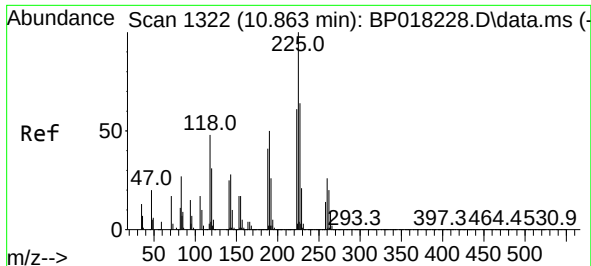
Tgt Ion:	128	Resp:	494391
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.6	10.3	15.5



#32
4-Chloroaniline
Concen: 29.780 ng/ul
RT: 10.799 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

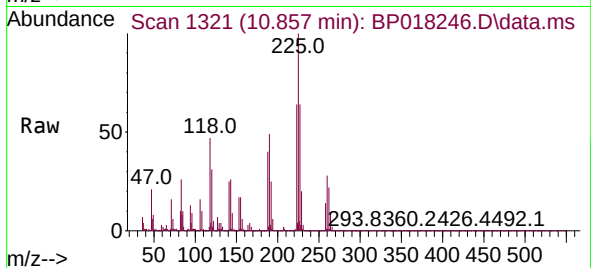
Tgt Ion:	127	Resp:	167173
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1



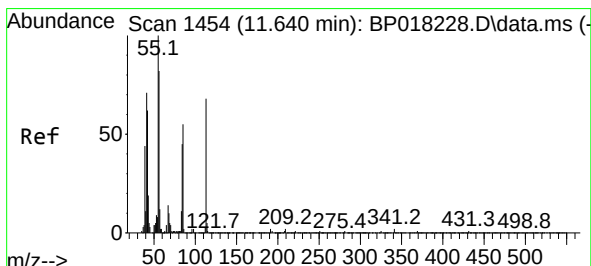
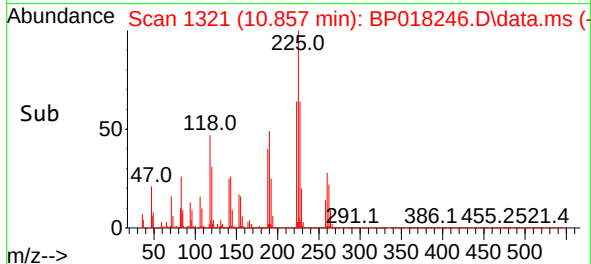
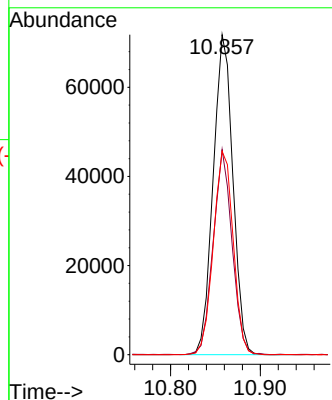


#33
Hexachlorobutadiene
Concen: 36.502 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Instrument :
BNA_M
ClientSampleId :

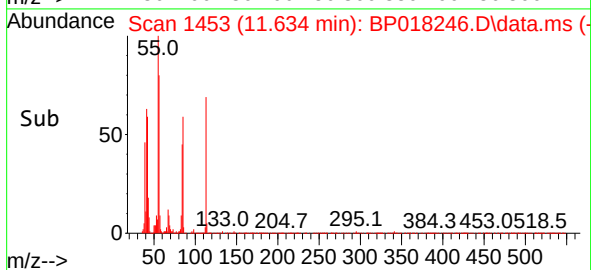
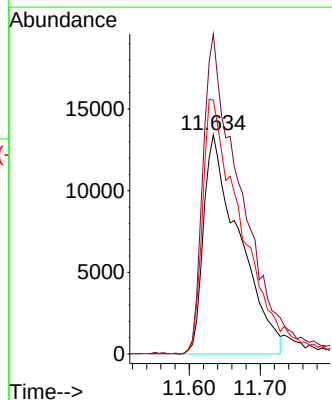
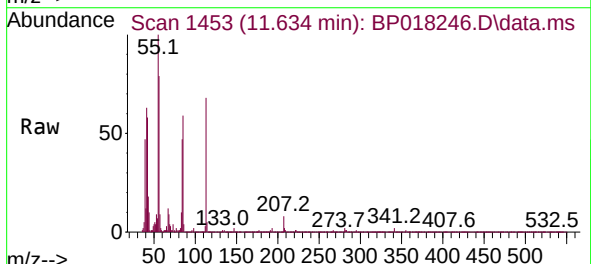


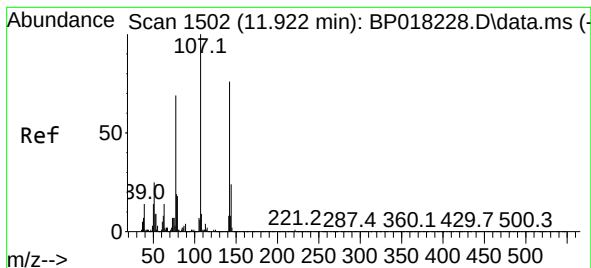
Tgt Ion:225 Resp: 109355
Ion Ratio Lower Upper
225 100
223 64.1 52.5 78.7
227 63.6 51.9 77.9



#34
Caprolactam
Concen: 34.577 ng/ul
RT: 11.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:113 Resp: 46875
Ion Ratio Lower Upper
113 100
55 146.1 118.3 177.5
56 115.9 95.6 143.4

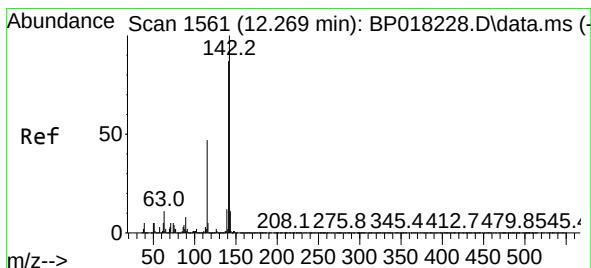
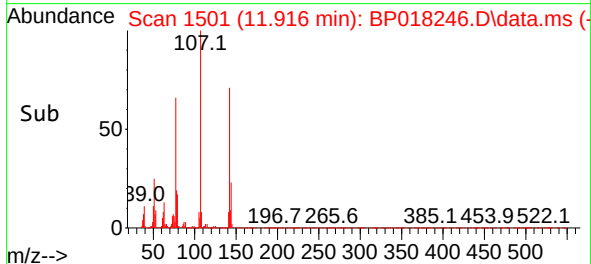
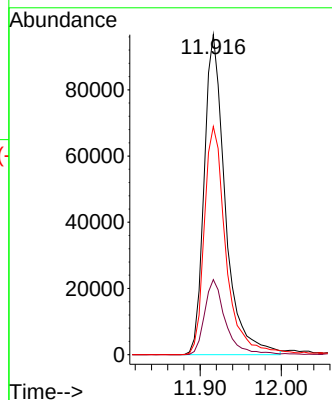
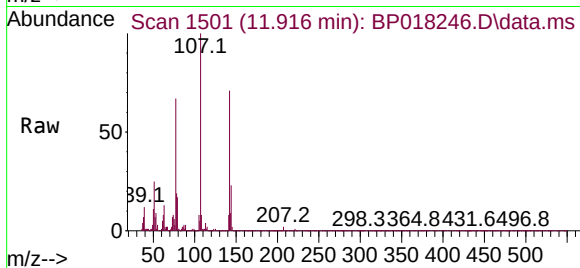




#35
4-Chloro-3-methylphenol
Concen: 35.536 ng/ul
RT: 11.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

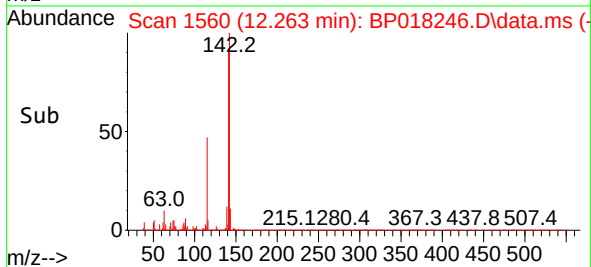
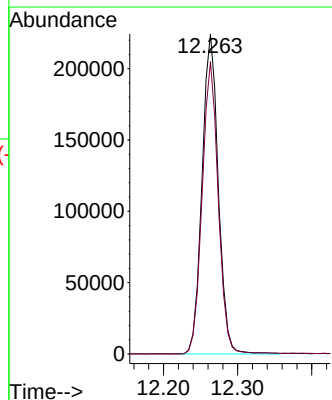
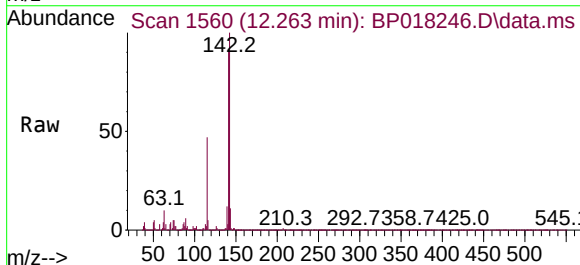
Instrument :
BNA_M
ClientSampleId :

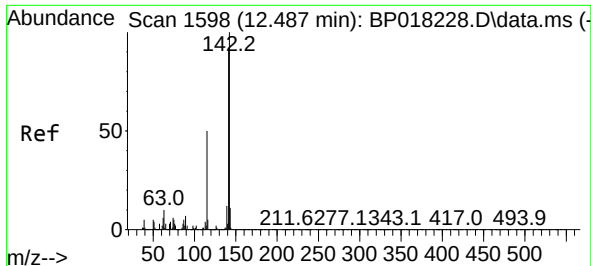
Tgt Ion:107 Resp: 174472
Ion Ratio Lower Upper
107 100
144 23.4 19.1 28.7
142 71.3 54.8 82.2



#36
2-Methylnaphthalene
Concen: 34.764 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:142 Resp: 340967
Ion Ratio Lower Upper
142 100
141 91.4 71.7 107.5

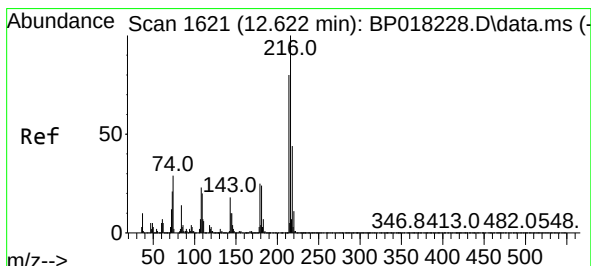
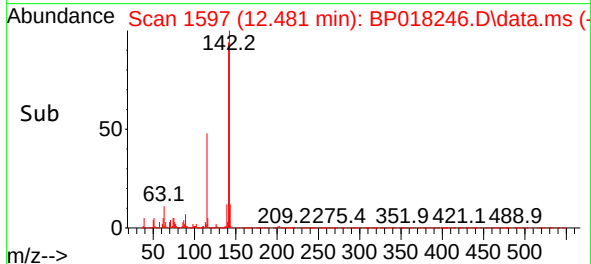
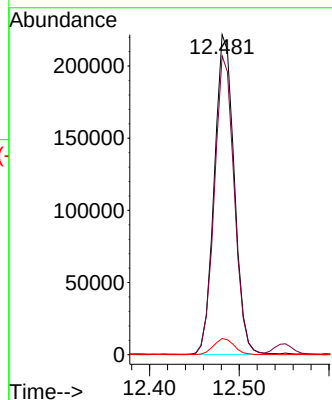
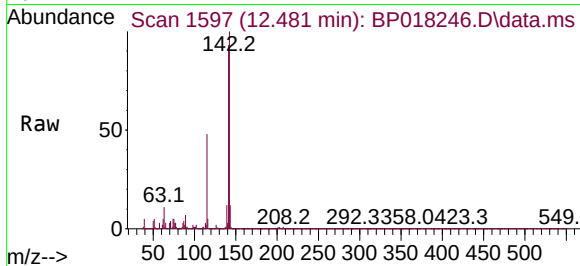




#37
1-Methylnaphthalene
Concen: 33.889 ng/ul
RT: 12.481 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

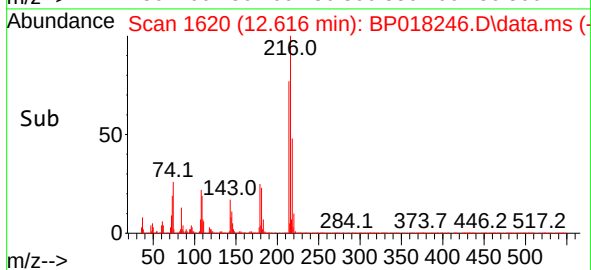
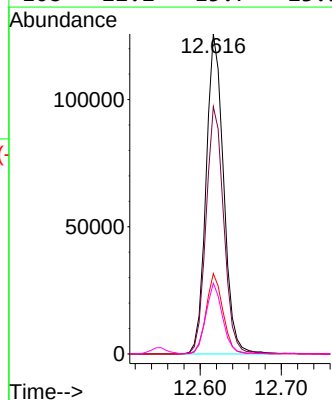
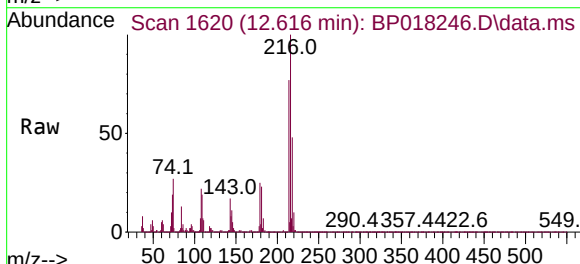
Instrument :
BNA_M
ClientSampleId :

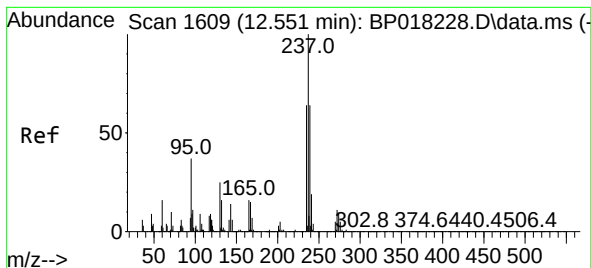
Tgt Ion:142 Resp: 341564
Ion Ratio Lower Upper
142 100
141 93.4 72.8 109.2
116 5.1 4.0 6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.291 ng/ul
RT: 12.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:216 Resp: 188346
Ion Ratio Lower Upper
216 100
214 77.3 64.8 97.2
179 25.1 18.3 27.5
108 22.2 15.7 23.5





#40

Hexachlorocyclopentadiene

Concen: 28.838 ng/ul

RT: 12.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BP018246.D

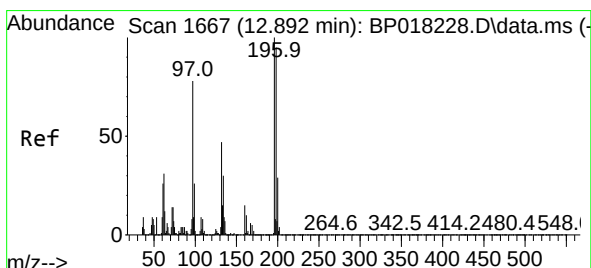
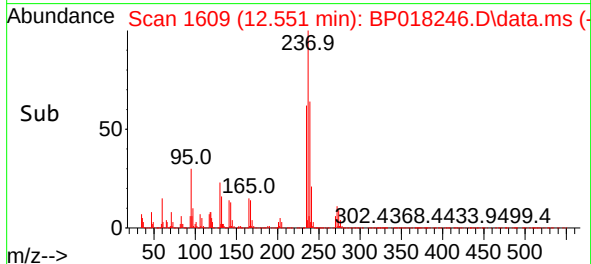
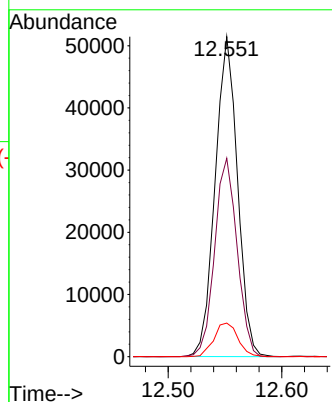
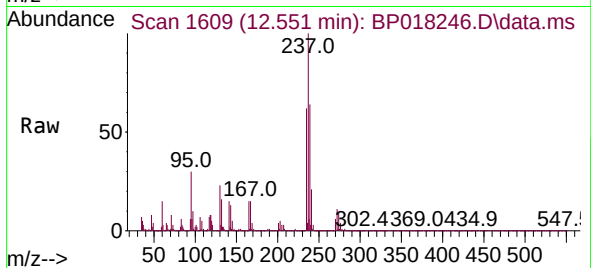
Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:237	Resp:	70305
Ion Ratio	Lower	Upper
237	100	
235	62.0	49.9 74.9
272	10.5	8.9 13.3



#41

2,4,6-Trichlorophenol

Concen: 36.375 ng/ul

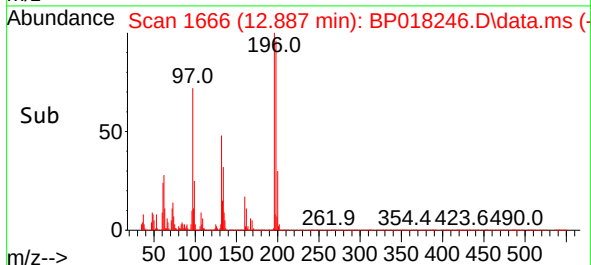
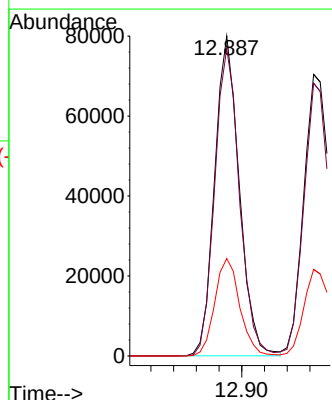
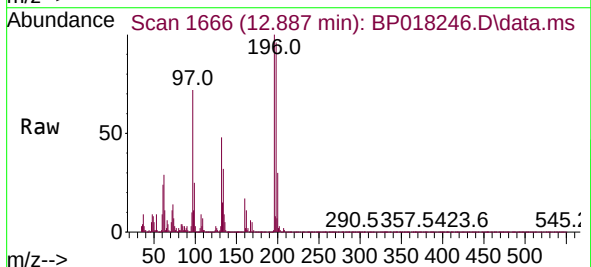
RT: 12.887 min Scan# 1666

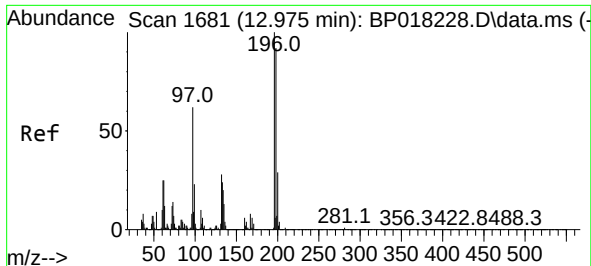
Delta R.T. -0.012 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Tgt Ion:196	Resp:	120519
Ion Ratio	Lower	Upper
196	100	
198	96.0	78.9 118.3
200	30.5	25.8 38.8

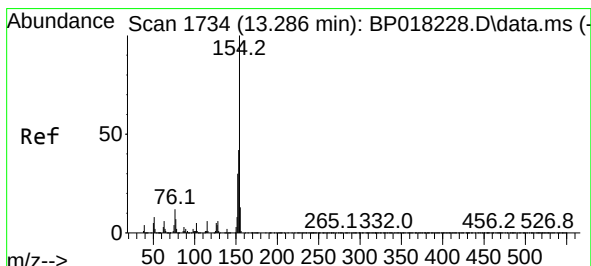
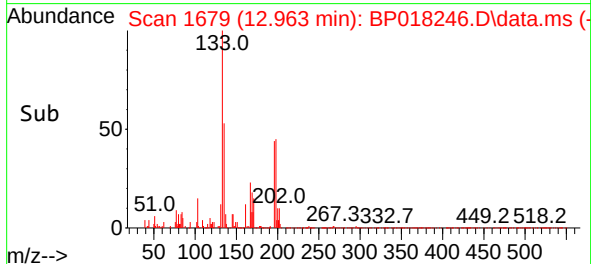
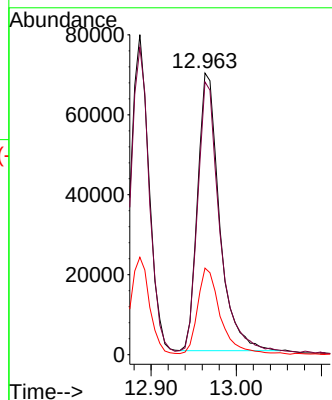
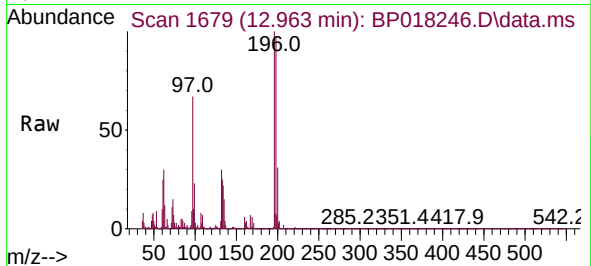




#42
2,4,5-Trichlorophenol
Concen: 35.558 ng/ul
RT: 12.963 min Scan# 1679
Delta R.T. -0.018 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

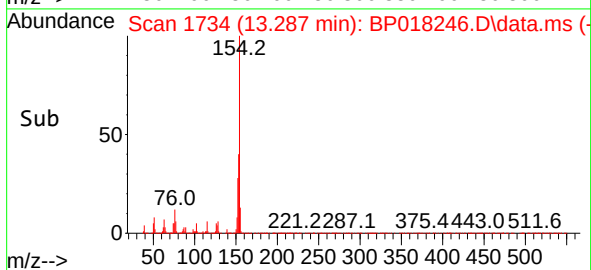
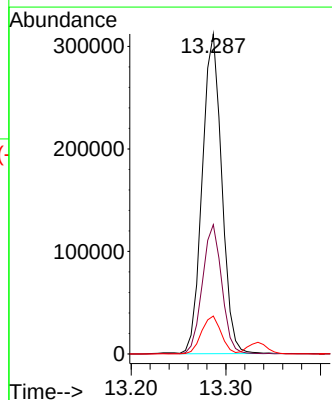
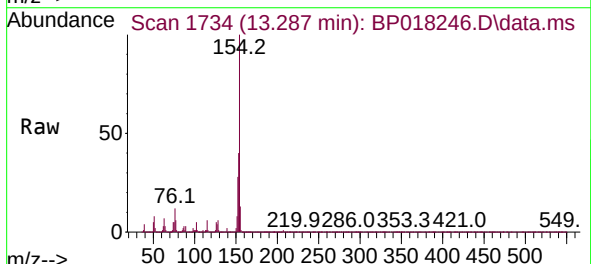
Instrument :
BNA_M
ClientSampleId :

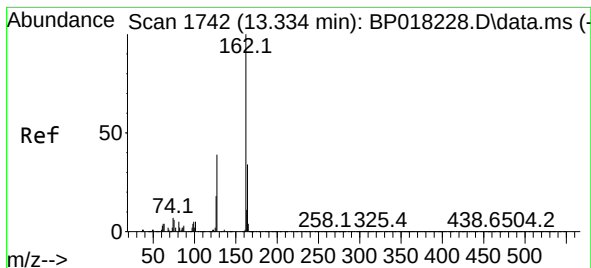
Tgt Ion:196 Resp: 123991
Ion Ratio Lower Upper
196 100
198 96.9 78.9 118.3
200 30.7 26.6 40.0



#43
1,1'-Biphenyl
Concen: 35.041 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:154 Resp: 445483
Ion Ratio Lower Upper
154 100
153 40.4 32.4 48.6
76 11.9 9.8 14.8

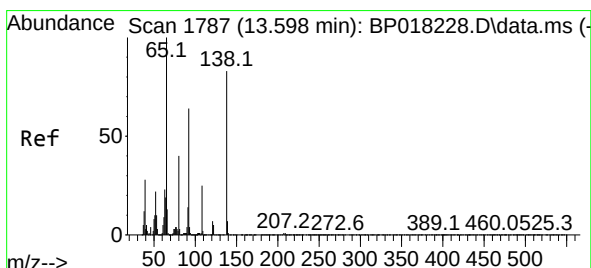
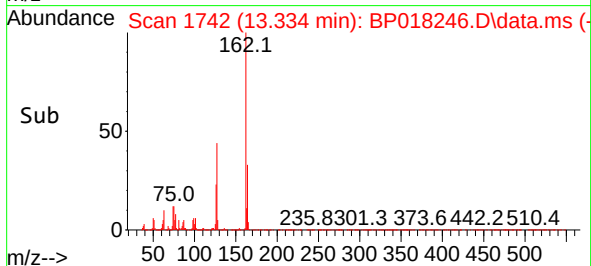
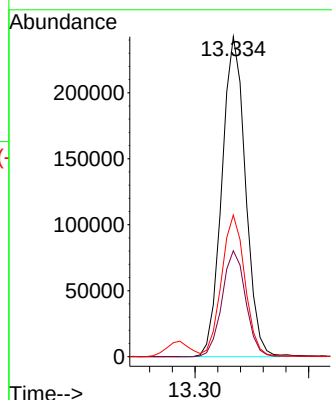
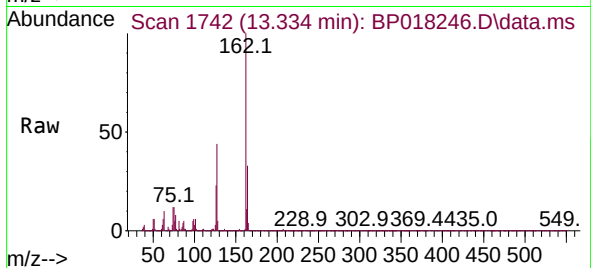




#44
2-Chloronaphthalene
Concen: 34.705 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

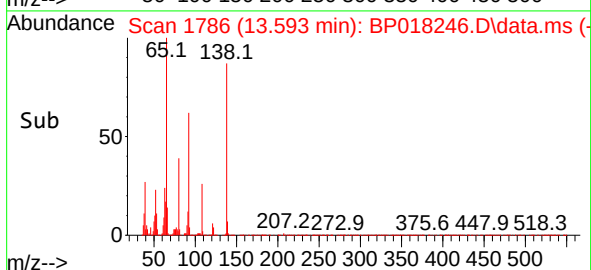
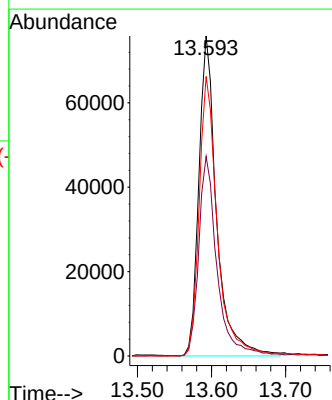
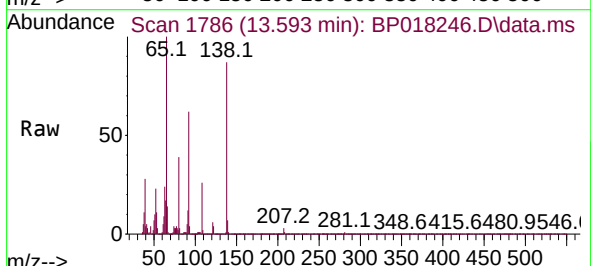
Instrument :
BNA_M
ClientSampleId :

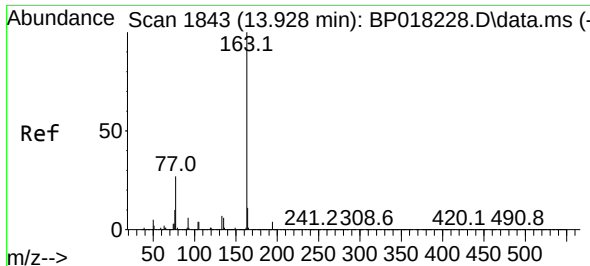
Tgt Ion:162 Resp: 350294
Ion Ratio Lower Upper
162 100
164 33.1 26.9 40.3
127 44.3 35.4 53.2



#45
2-Nitroaniline
Concen: 38.659 ng/ul
RT: 13.593 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion: 65 Resp: 125919
Ion Ratio Lower Upper
65 100
92 62.4 53.8 80.6
138 87.4 75.1 112.7

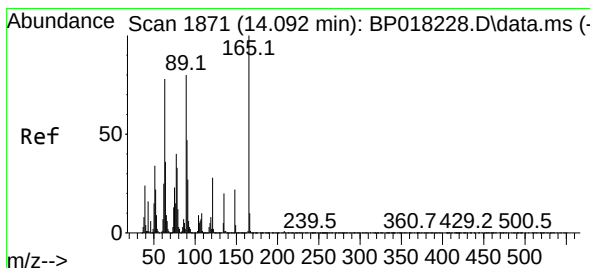
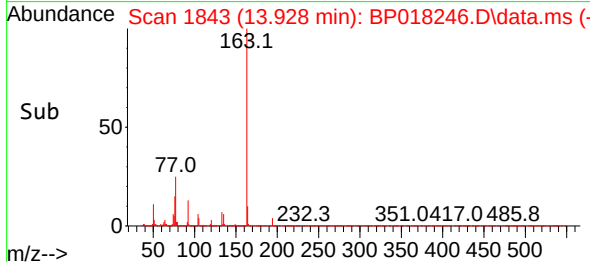
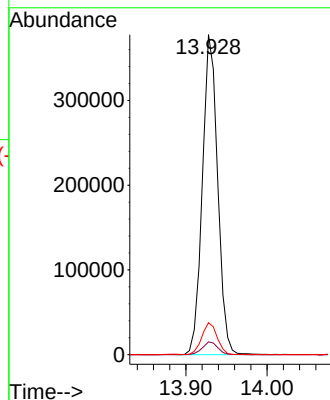
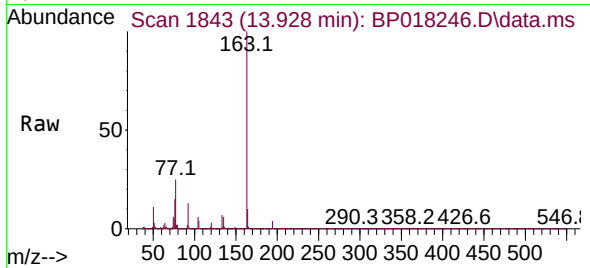




#47
Dimethylphthalate
Concen: 36.443 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

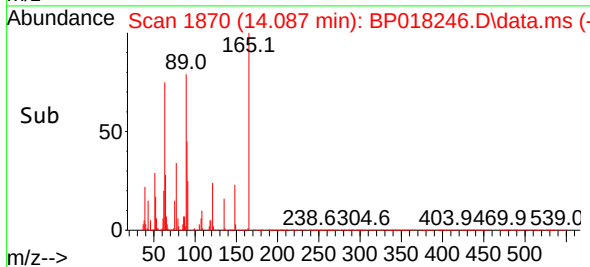
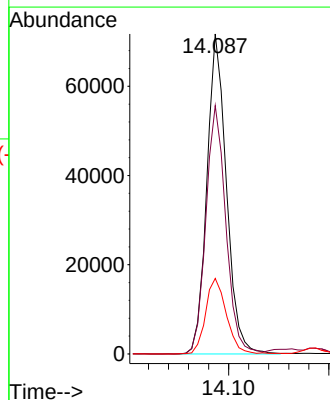
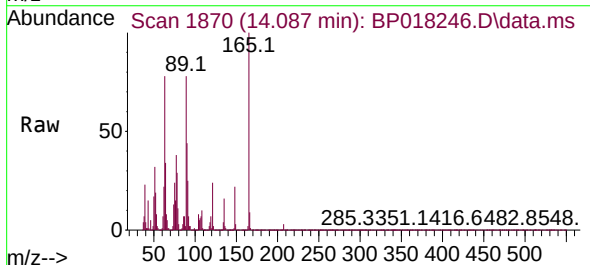
Instrument :
BNA_M
ClientSampleId :

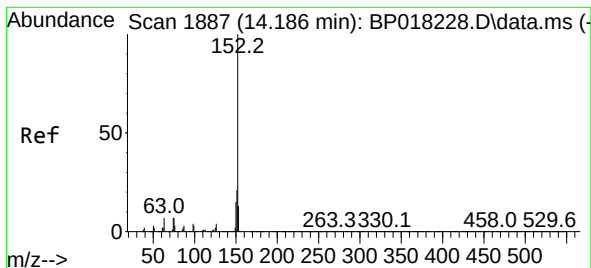
Tgt Ion:163 Resp: 493150
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.0 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 36.177 ng/ul
RT: 14.087 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:165 Resp: 97306
Ion Ratio Lower Upper
165 100
89 77.6 59.4 89.0
121 23.6 18.2 27.4





#50

Acenaphthylene

Concen: 34.858 ng/ul

RT: 14.187 min Scan# 1887

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

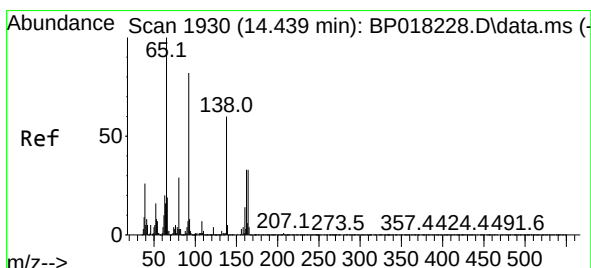
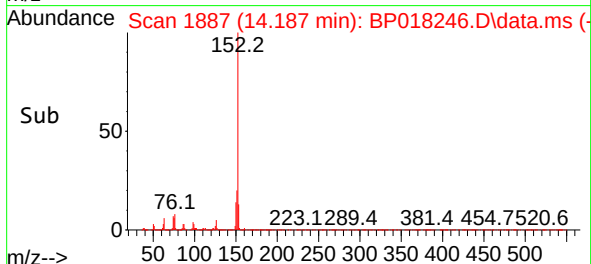
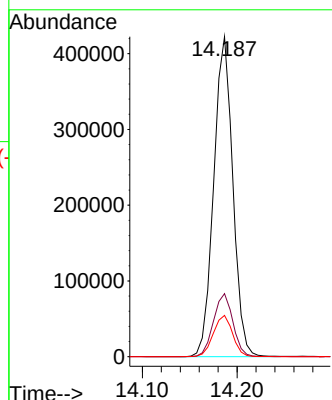
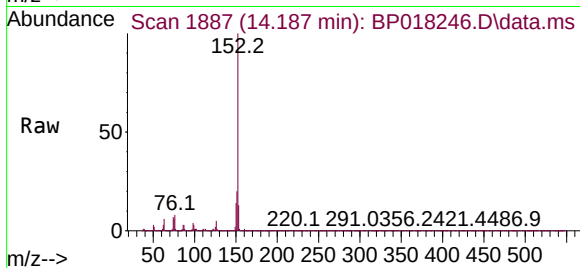
Tgt Ion:152 Resp: 591312

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 12.9 10.4 15.6



#51

3-Nitroaniline

Concen: 35.836 ng/ul

RT: 14.434 min Scan# 1929

Delta R.T. -0.012 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

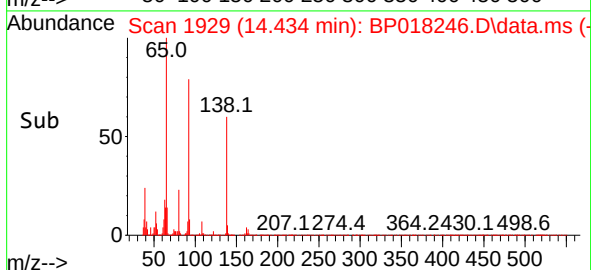
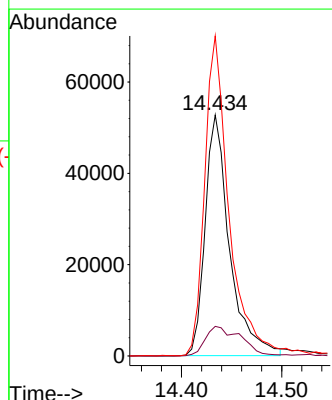
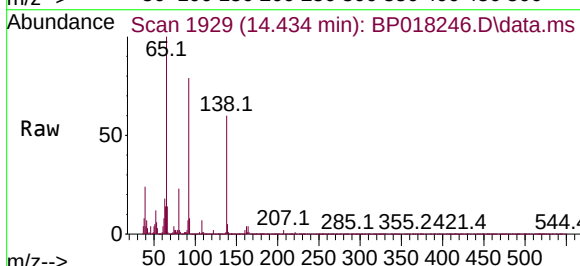
Tgt Ion:138 Resp: 89442

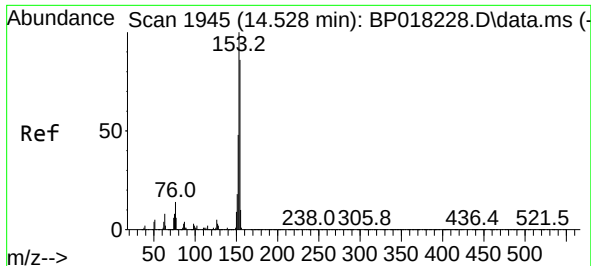
Ion Ratio Lower Upper

138 100

108 12.3 8.3 12.5

92 132.8 99.0 148.4

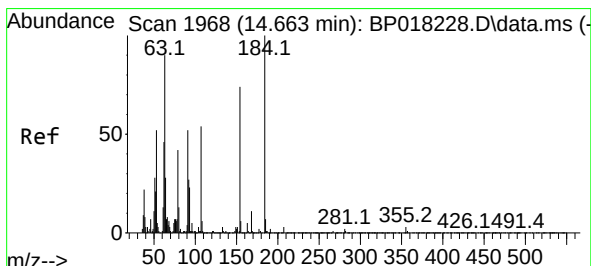
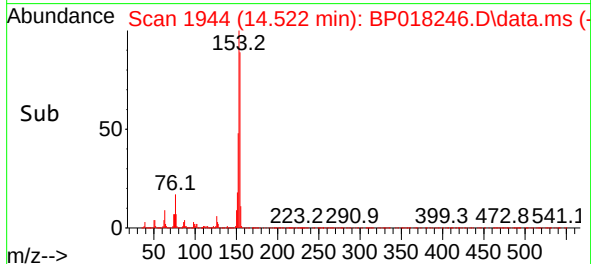
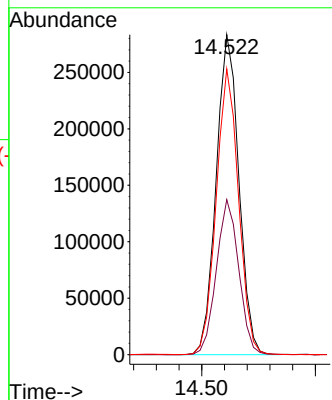
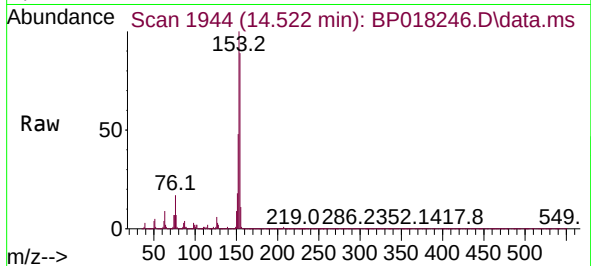




#52
Acenaphthene
Concen: 35.002 ng/ul
RT: 14.522 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

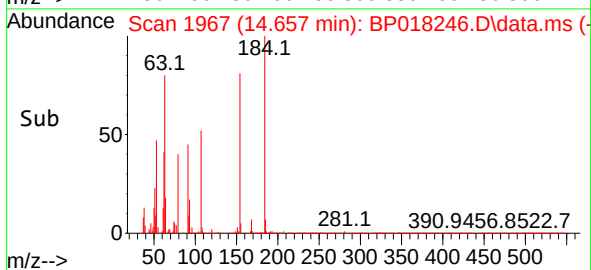
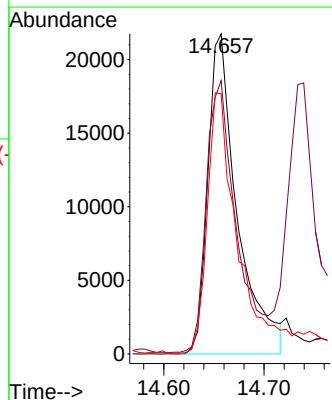
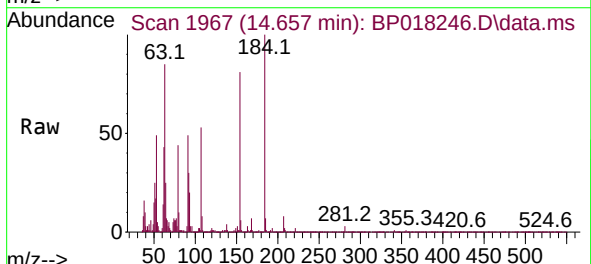
Instrument :
BNA_M
ClientSampleId :

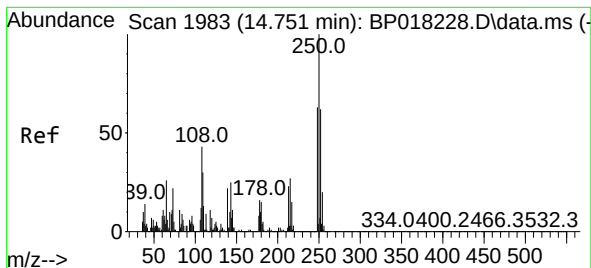
Tgt Ion:153 Resp: 393720
Ion Ratio Lower Upper
153 100
152 48.4 39.0 58.6
154 89.3 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 30.244 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.018 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:184 Resp: 44378
Ion Ratio Lower Upper
184 100
63 85.4 67.7 101.5
154 81.4 60.2 90.4

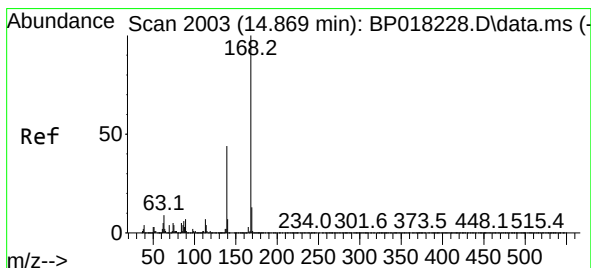
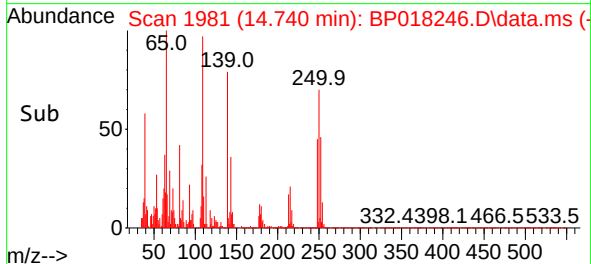
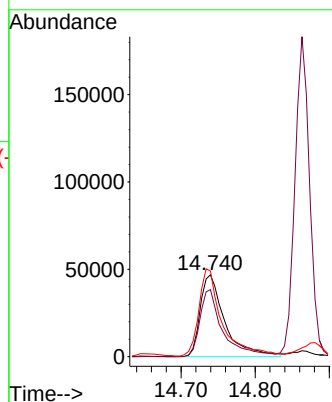
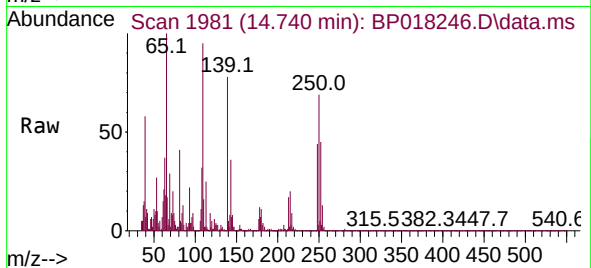




#55
4-Nitrophenol
Concen: 39.370 ng/ul
RT: 14.740 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

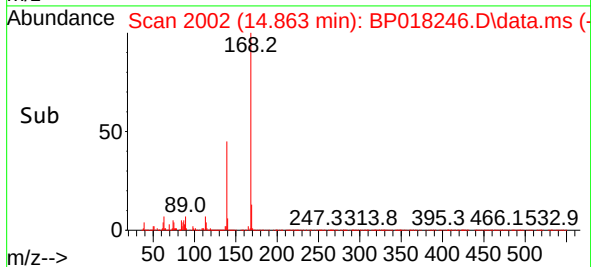
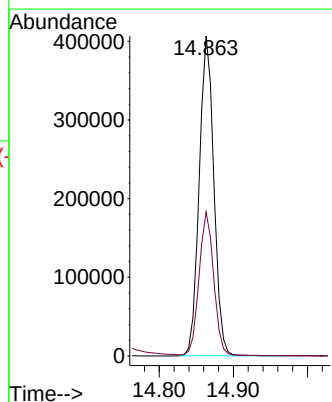
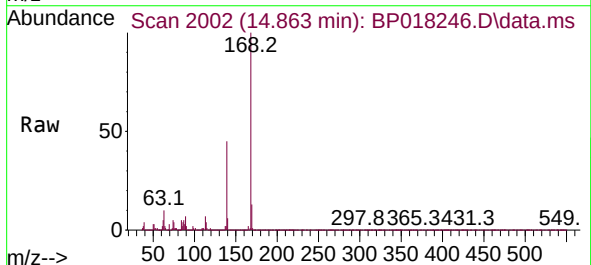
Instrument :
BNA_M
ClientSampleId :

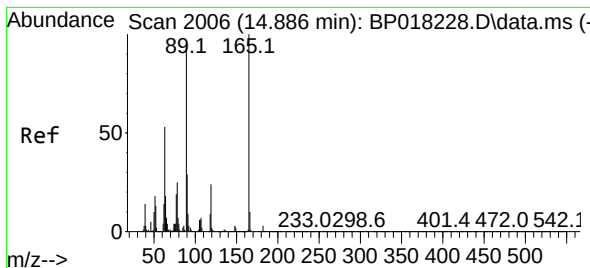
Tgt Ion:109 Resp: 107727
Ion Ratio Lower Upper
109 100
139 81.9 74.9 112.3
65 104.7 93.8 140.6



#56
Dibenzofuran
Concen: 36.137 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:168 Resp: 557050
Ion Ratio Lower Upper
168 100
139 45.0 34.0 51.0

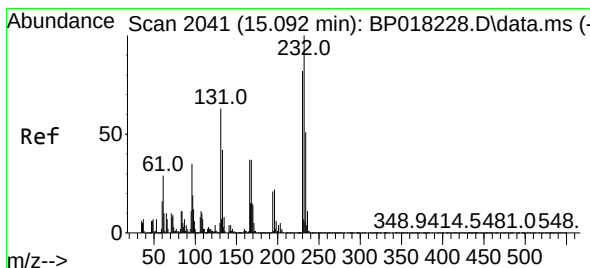
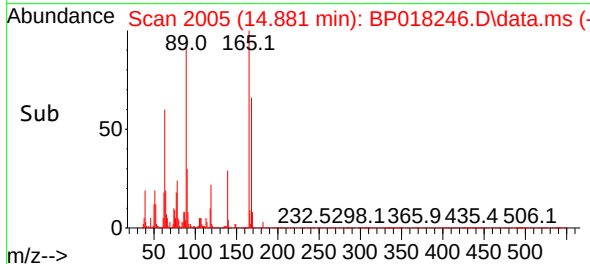
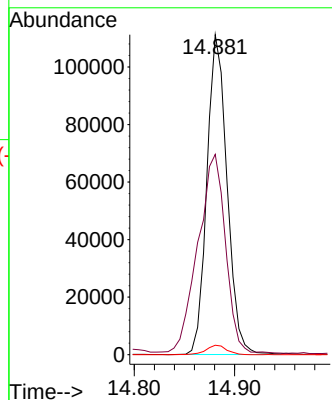
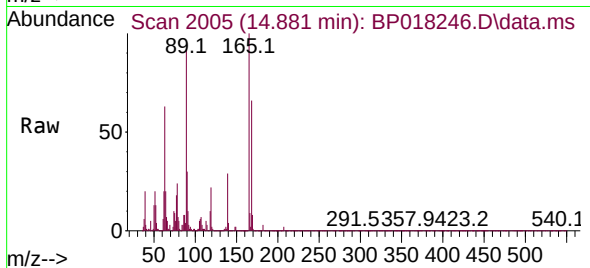




#57
2,4-Dinitrotoluene
Concen: 38.701 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

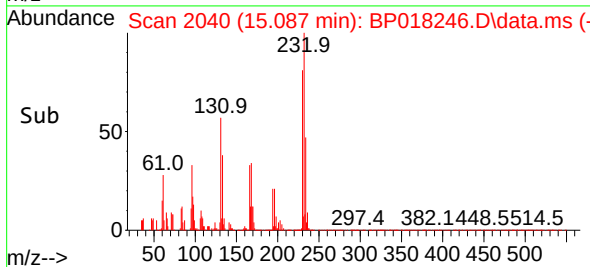
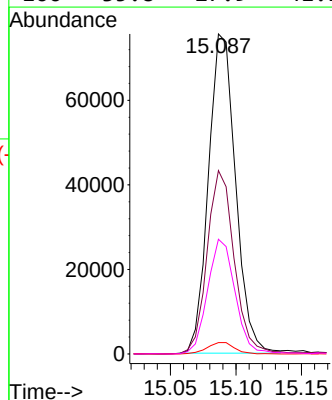
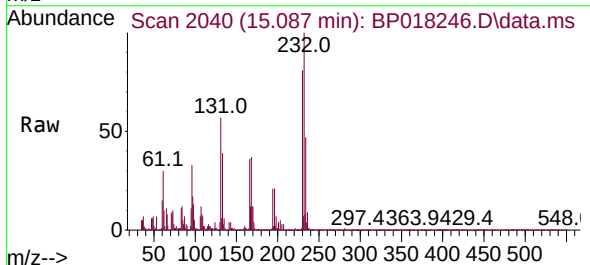
Instrument :
BNA_M
ClientSampleId :

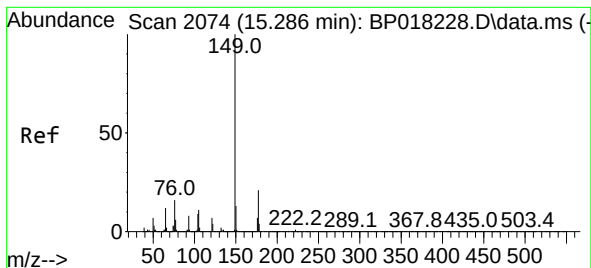
Tgt Ion:165 Resp: 155522
Ion Ratio Lower Upper
165 100
63 62.6 48.6 72.8
182 2.9 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.053 ng/ul
RT: 15.087 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:232 Resp: 108732
Ion Ratio Lower Upper
232 100
131 57.3 44.1 66.1
130 3.6 2.5 3.7
166 35.8 27.9 41.9





#59

Diethylphthalate

Concen: 38.264 ng/ul

RT: 15.287 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

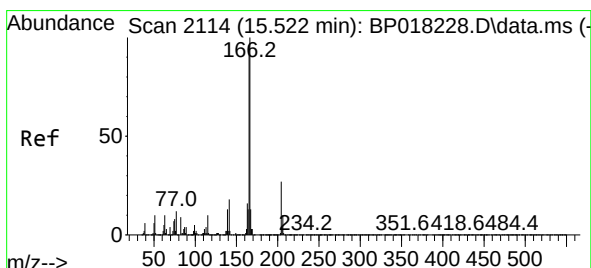
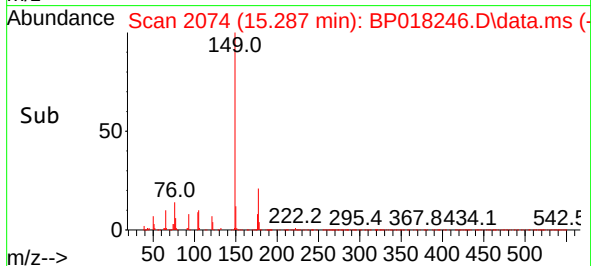
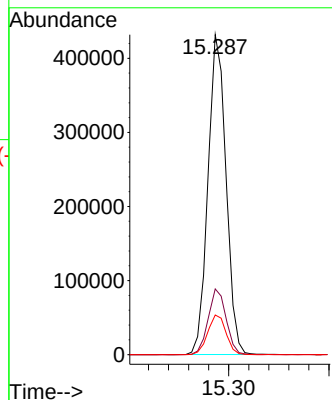
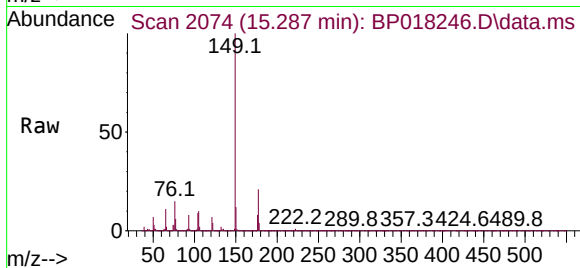
Tgt Ion:149 Resp: 540959

Ion Ratio Lower Upper

149 100

177 20.5 16.3 24.5

150 12.4 10.0 15.0



#61

Fluorene

Concen: 37.435 ng/ul

RT: 15.516 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

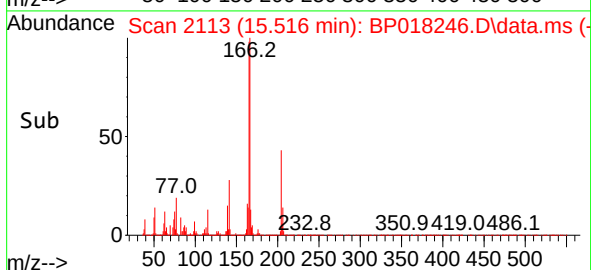
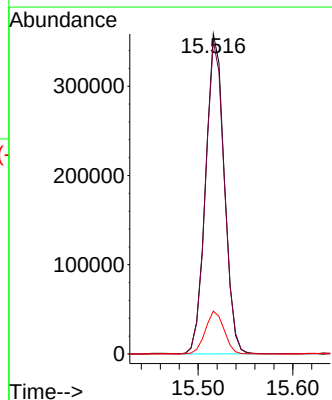
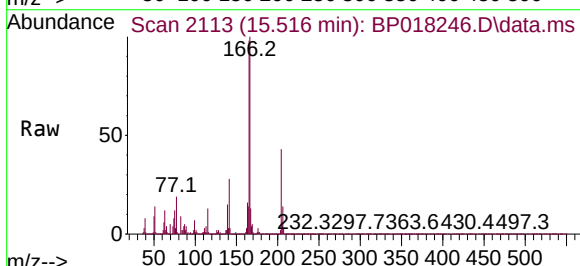
Tgt Ion:166 Resp: 489924

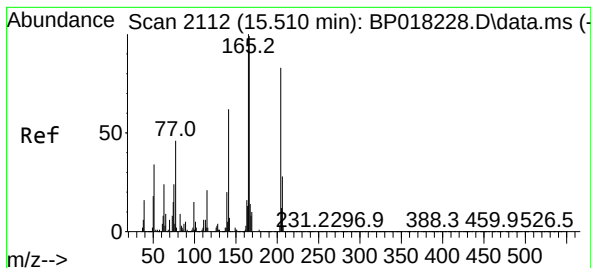
Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.6

167 13.4 10.6 16.0

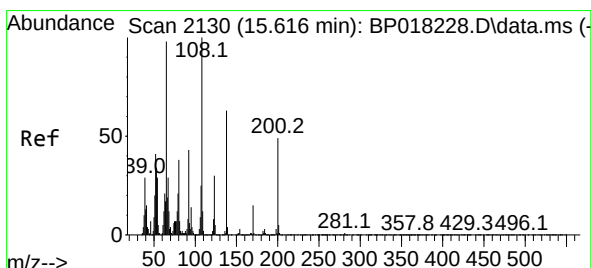
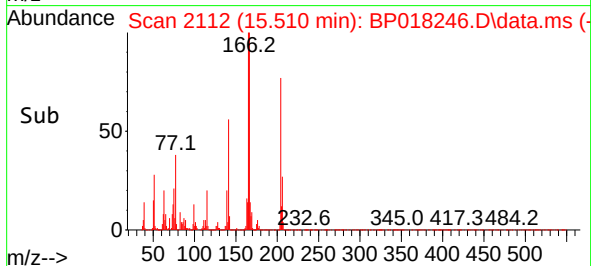
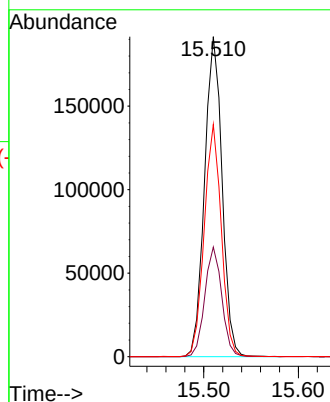
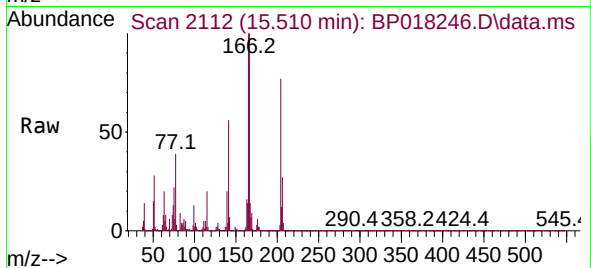




#62
4-Chlorophenyl-phenylether
Concen: 38.388 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

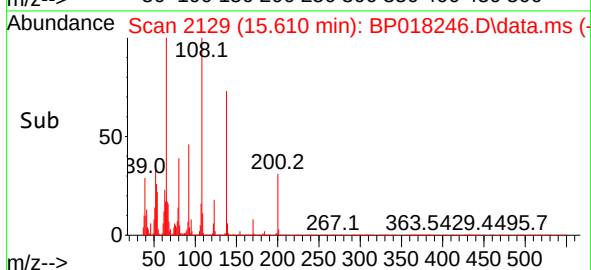
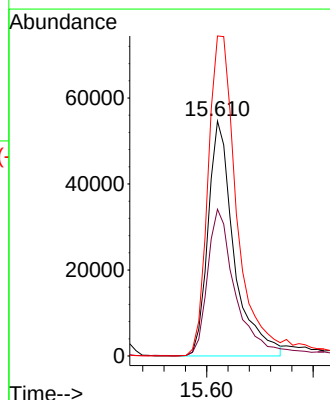
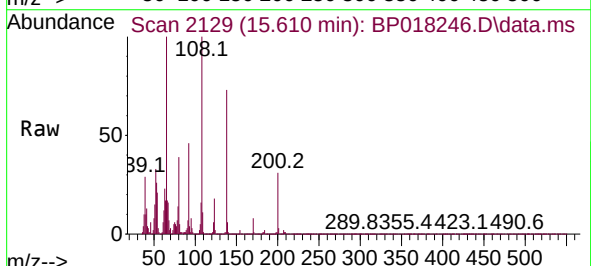
Instrument :
BNA_M
ClientSampleId :

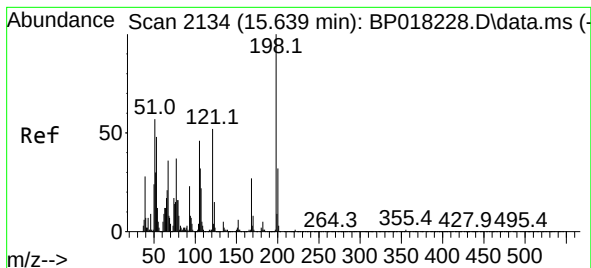
Tgt Ion:204 Resp: 246195
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 72.5 56.0 84.0



#63
4-Nitroaniline
Concen: 39.356 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:138 Resp: 92693
Ion Ratio Lower Upper
138 100
92 62.5 46.6 70.0
108 136.2 104.7 157.1

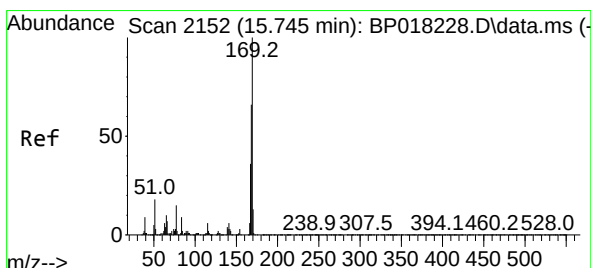
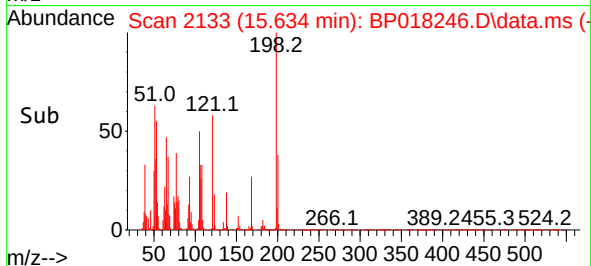
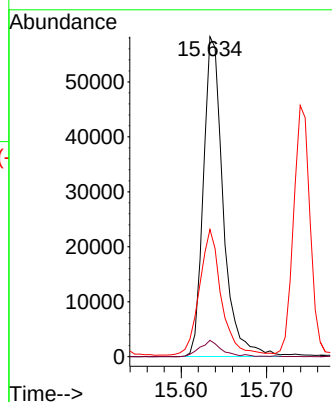
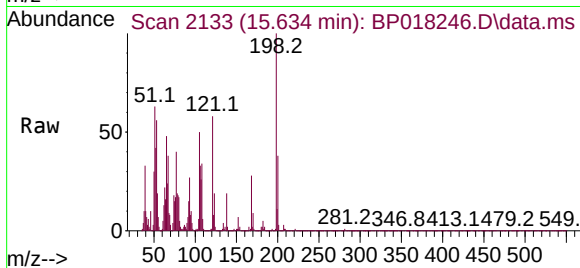




#66
 4,6-Dinitro-2-methylphenol
 Concen: 35.851 ng/ul
 RT: 15.634 min Scan# 2134
 Delta R.T. -0.012 min
 Lab File: BP018246.D
 Acq: 18 Nov 2023 05:54

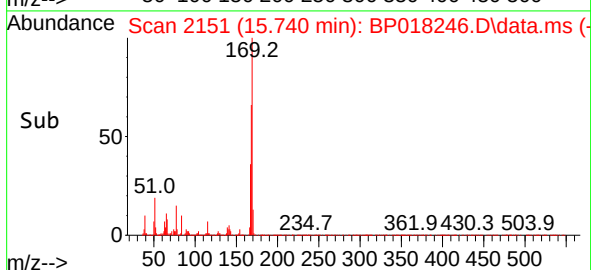
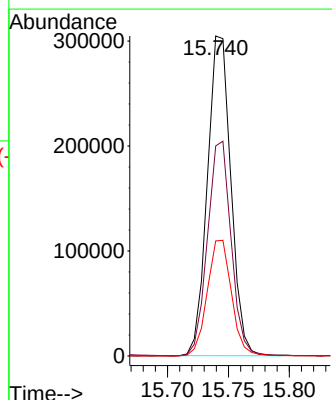
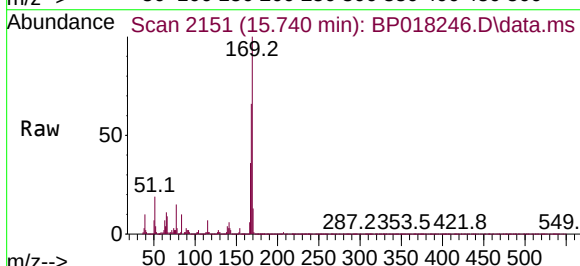
Instrument :
 BNA_M
 ClientSampleId :

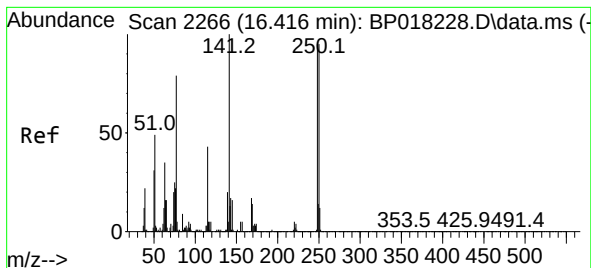
Tgt Ion:198 Resp: 93825
 Ion Ratio Lower Upper
 198 100
 182 5.1 3.8 5.6
 77 39.7 27.2 40.8



#67
 N-Nitrosodiphenylamine
 Concen: 36.577 ng/ul
 RT: 15.740 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: BP018246.D
 Acq: 18 Nov 2023 05:54

Tgt Ion:169 Resp: 409248
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.8 80.8
 167 36.0 29.8 44.6

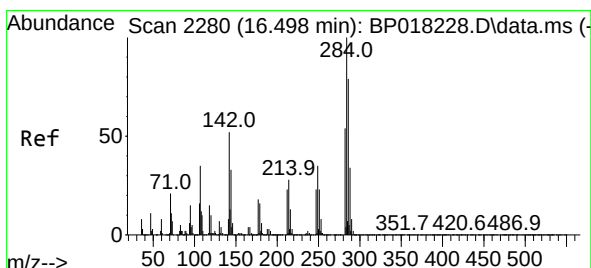
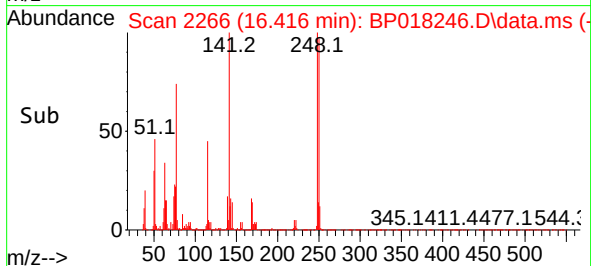
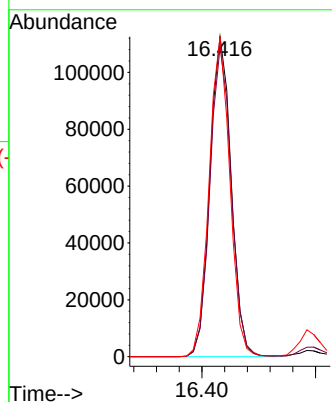
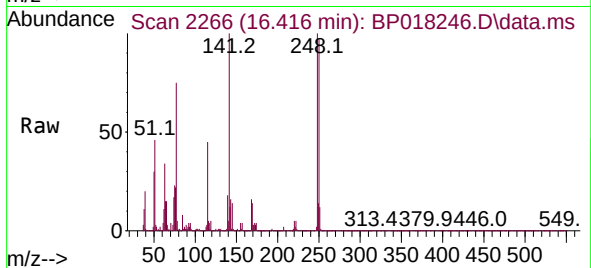




#68
4-Bromophenyl-phenylether
Concen: 37.287 ng/ul
RT: 16.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

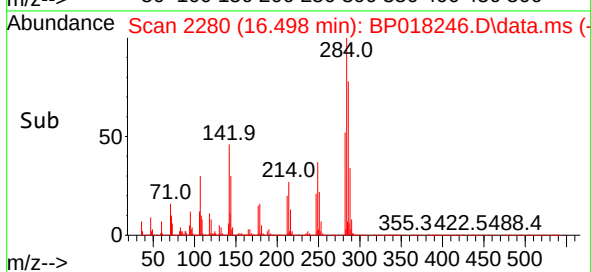
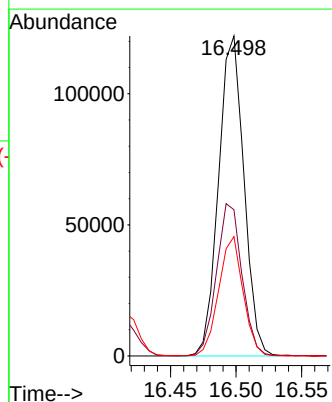
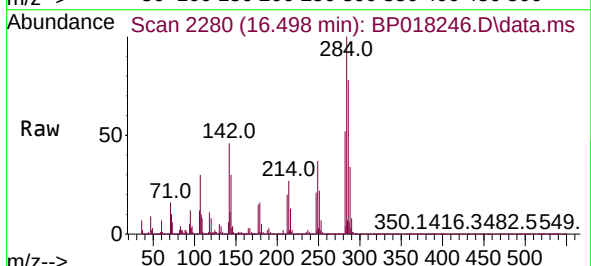
Instrument :
BNA_M
ClientSampleId :

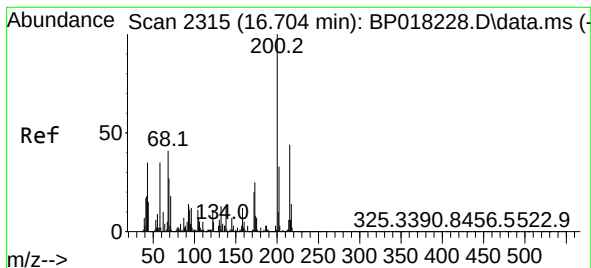
Tgt Ion:248 Resp: 146614
Ion Ratio Lower Upper
248 100
250 96.7 72.7 109.1
141 100.0 70.4 105.6



#69
Hexachlorobenzene
Concen: 37.389 ng/ul
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:284 Resp: 164050
Ion Ratio Lower Upper
284 100
142 45.7 38.9 58.3
249 37.3 28.6 43.0





#70

Atrazine

Concen: 32.382 ng/ul

RT: 16.704 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

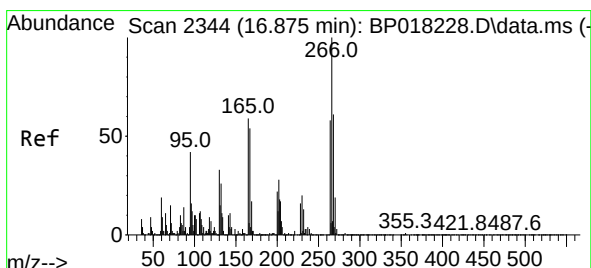
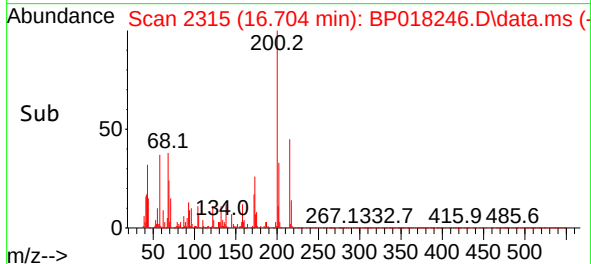
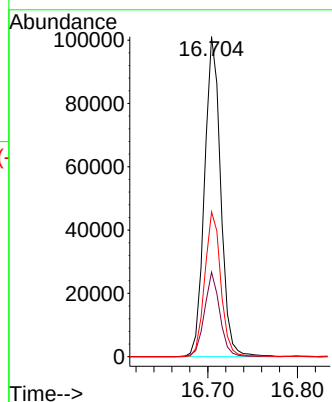
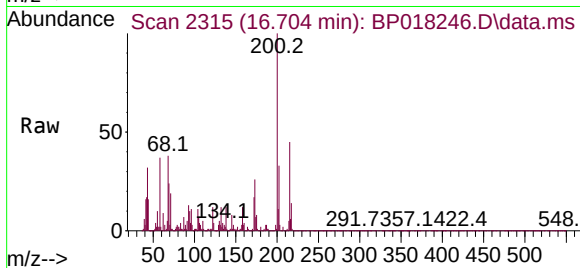
Tgt Ion:200 Resp: 126384

Ion Ratio Lower Upper

200 100

173 26.4 20.2 30.2

215 45.3 37.8 56.8



#71

Pentachlorophenol

Concen: 26.636 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

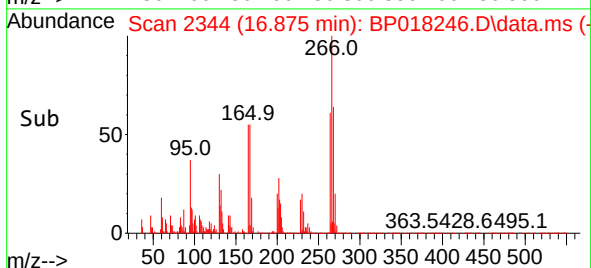
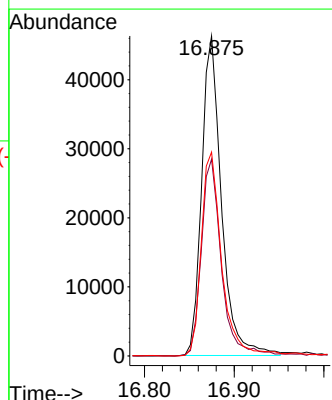
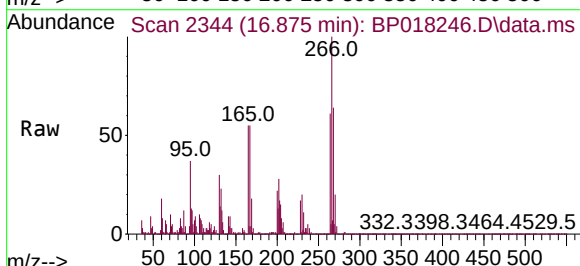
Tgt Ion:266 Resp: 70942

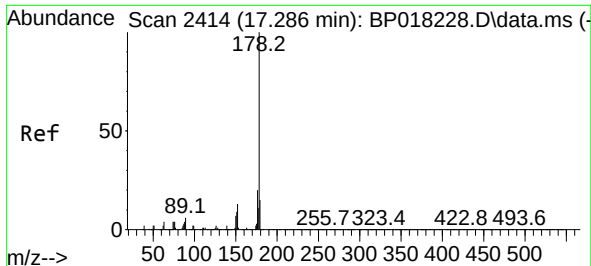
Ion Ratio Lower Upper

266 100

264 61.5 50.7 76.1

268 63.7 52.4 78.6

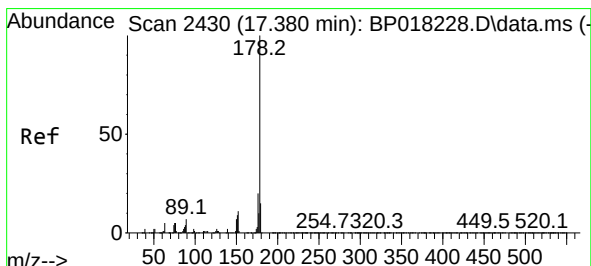
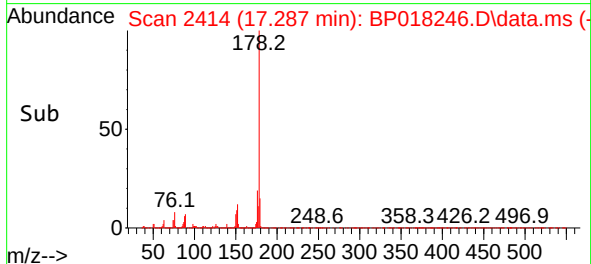
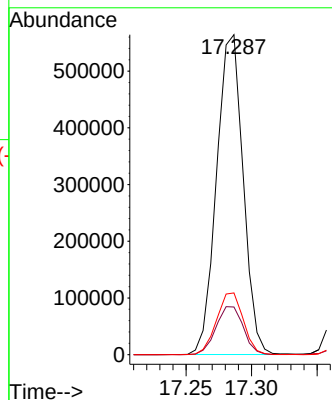
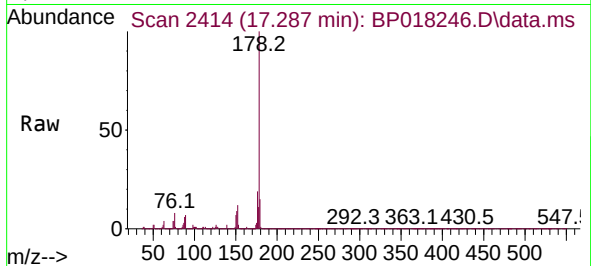




#72
Phenanthrene
Concen: 37.093 ng/ul
RT: 17.287 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

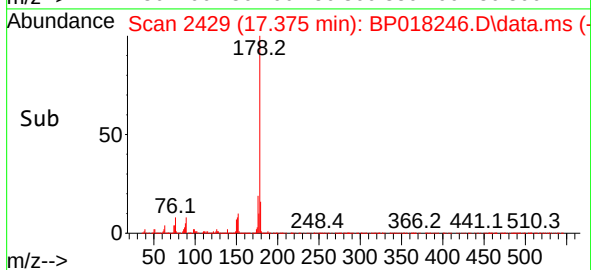
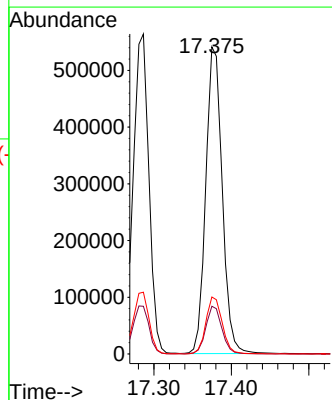
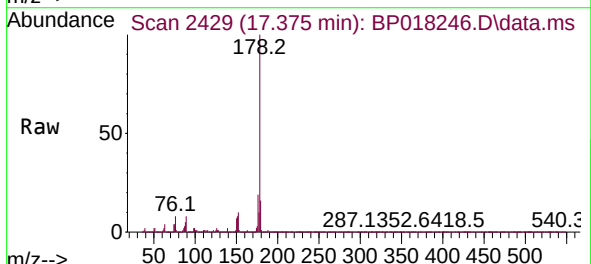
Instrument :
BNA_M
ClientSampleId :

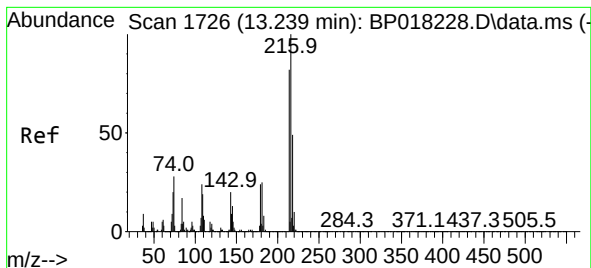
Tgt Ion:178 Resp: 794564
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 19.3 15.5 23.3



#74
Anthracene
Concen: 36.484 ng/ul
RT: 17.375 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:178 Resp: 797545
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.6 15.4 23.0

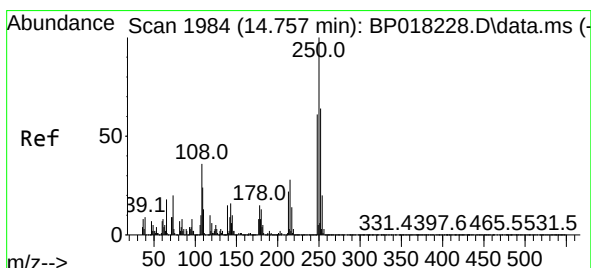
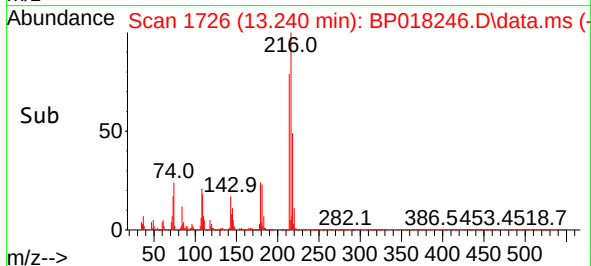
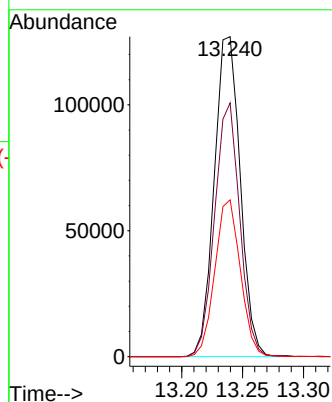
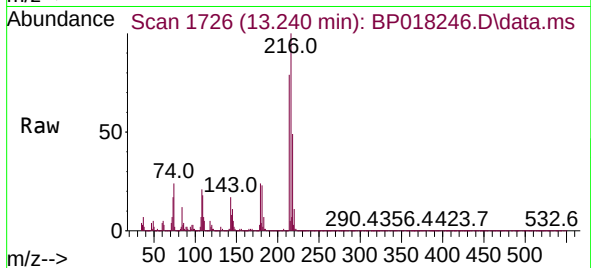




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.485 ng/uL
RT: 13.240 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

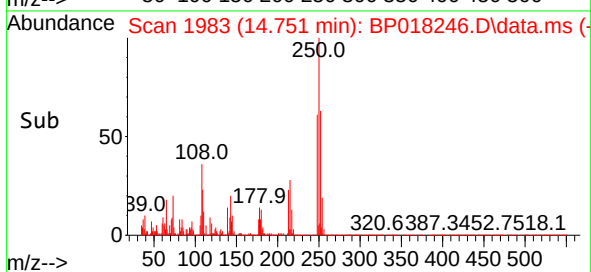
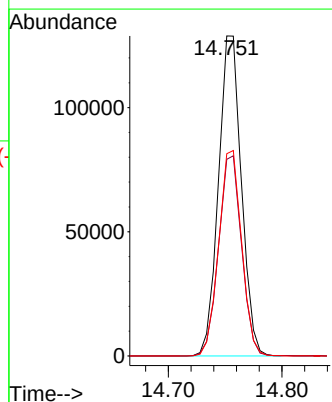
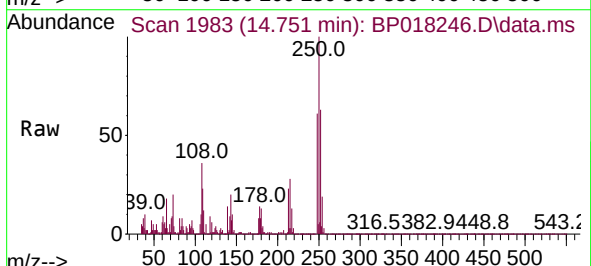
Instrument :
BNA_M
ClientSampleId :

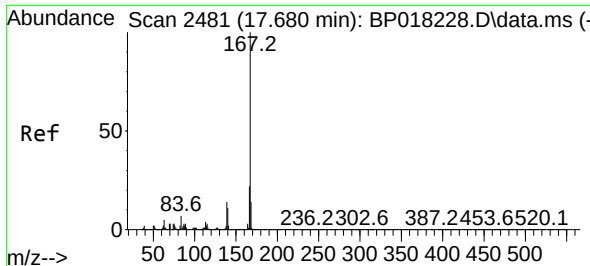
Tgt Ion:216 Resp: 189052
Ion Ratio Lower Upper
216 100
214 79.3 64.0 96.0
218 49.0 39.0 58.4



#76
Pentachlorobenzene
Concen: 34.668 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:250 Resp: 180808
Ion Ratio Lower Upper
250 100
248 61.5 52.7 79.1
252 63.2 52.3 78.5

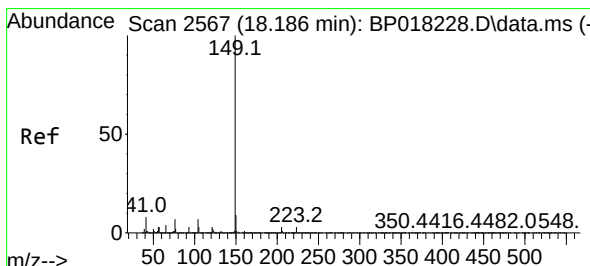
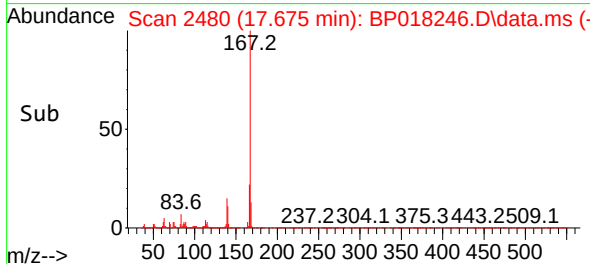
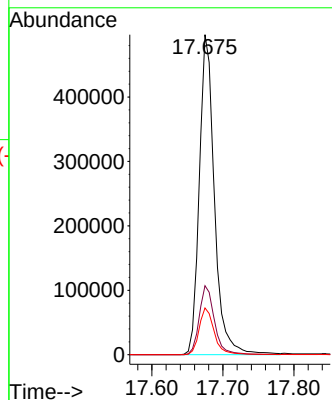
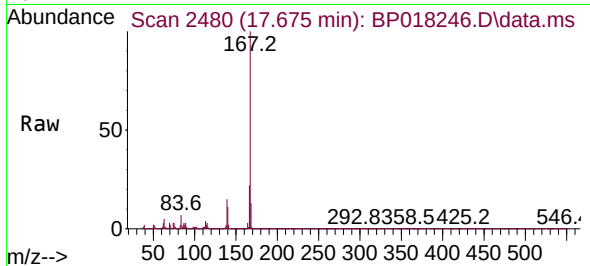




#77
Carbazole
Concen: 38.855 ng/ul
RT: 17.675 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

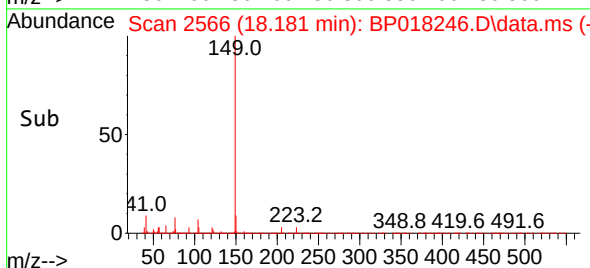
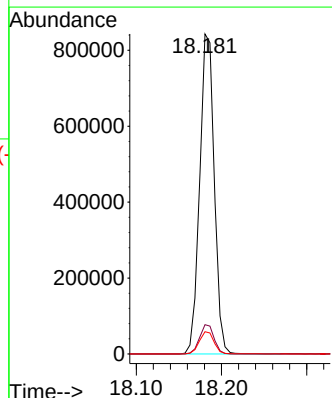
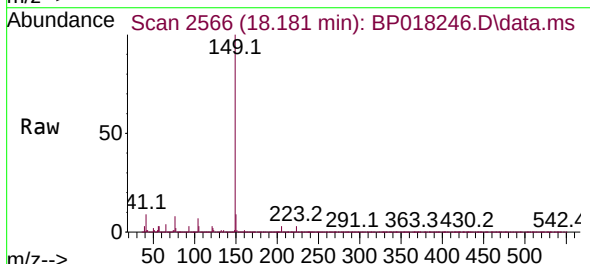
Instrument :
BNA_M
ClientSampleId :

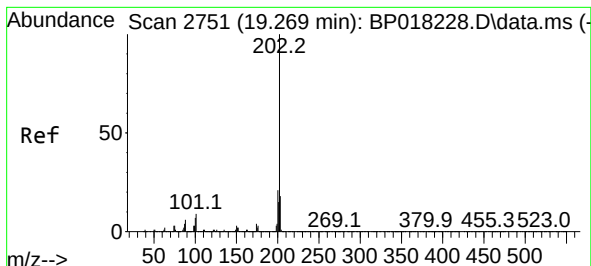
Tgt Ion:167 Resp: 737579
Ion Ratio Lower Upper
167 100
166 21.6 17.6 26.4
139 14.6 11.4 17.0



#78
Di-n-butylphthalate
Concen: 41.592 ng/ul
RT: 18.181 min Scan# 2566
Delta R.T. -0.006 min
Lab File: BP018246.D
Acq: 18 Nov 2023 05:54

Tgt Ion:149 Resp: 1001785
Ion Ratio Lower Upper
149 100
150 9.1 6.7 10.1
104 7.0 5.1 7.7





#80

Fluoranthene

Concen: 37.963 ng/u1

RT: 19.269 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

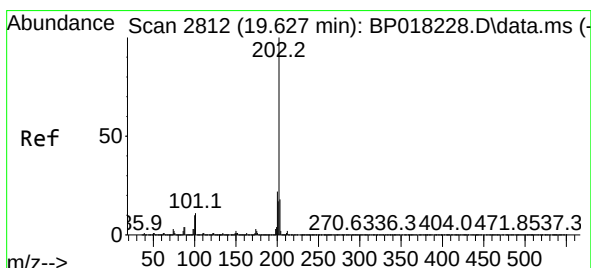
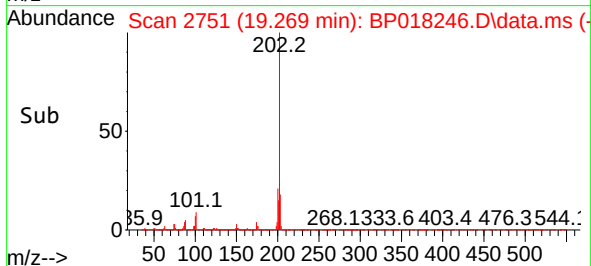
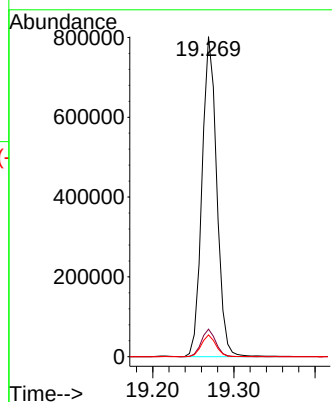
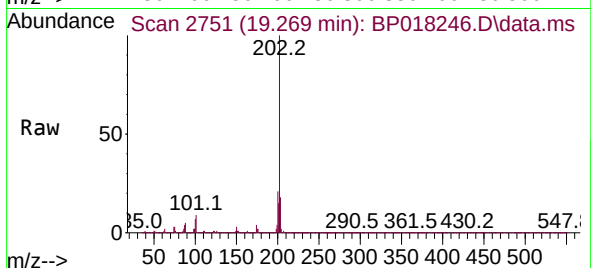
Tgt Ion:202 Resp: 1011521

Ion Ratio Lower Upper

202 100

101 8.6 7.2 10.8

100 6.8 5.8 8.6



#82

Pyrene

Concen: 35.970 ng/u1

RT: 19.628 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

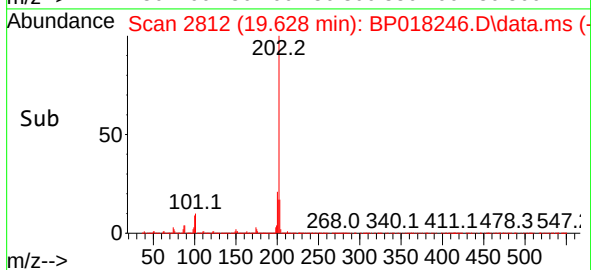
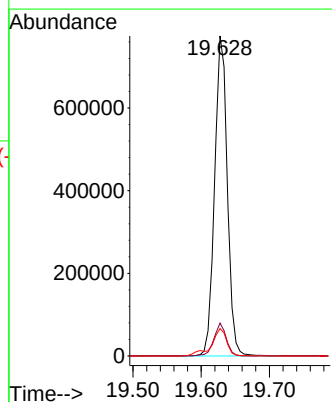
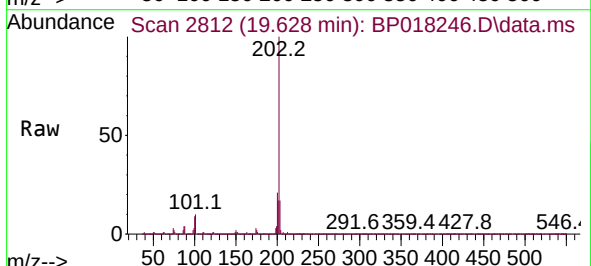
Tgt Ion:202 Resp: 1004309

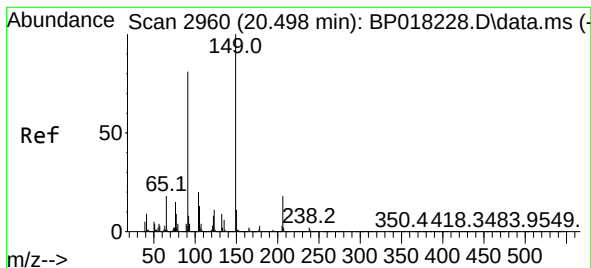
Ion Ratio Lower Upper

202 100

101 10.3 8.3 12.5

100 8.5 7.4 11.2





#83

Butylbenzylphthalate

Concen: 40.717 ng/ul

RT: 20.498 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

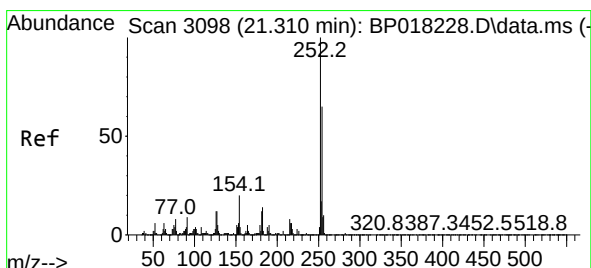
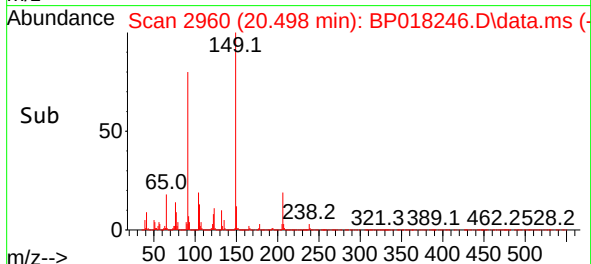
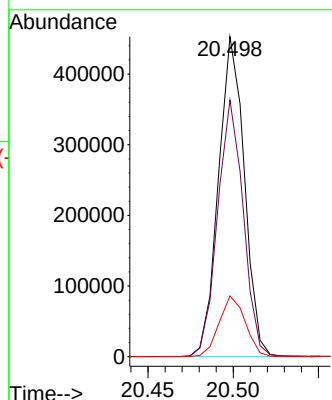
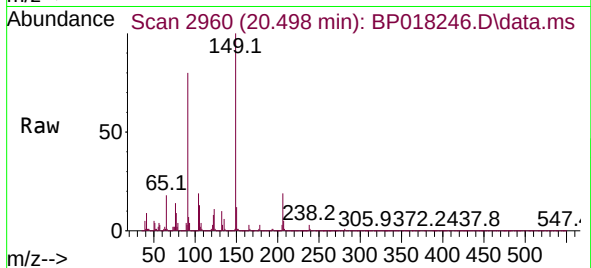
Tgt Ion:149 Resp: 478087

Ion Ratio Lower Upper

149 100

91 80.2 59.6 89.4

206 19.0 14.3 21.5



#84

3,3'-Dichlorobenzidine

Concen: 36.999 ng/ul

RT: 21.304 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

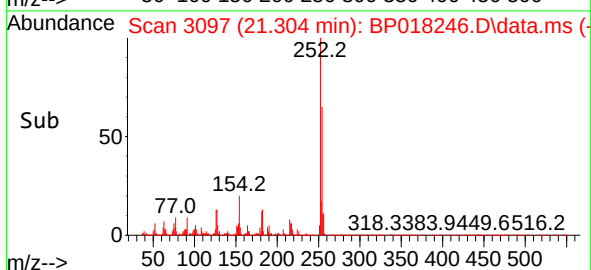
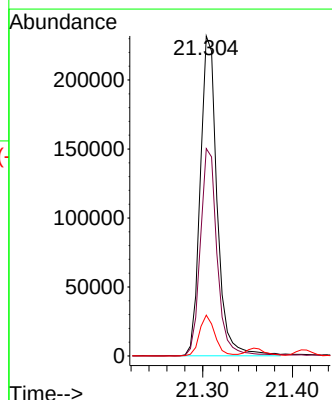
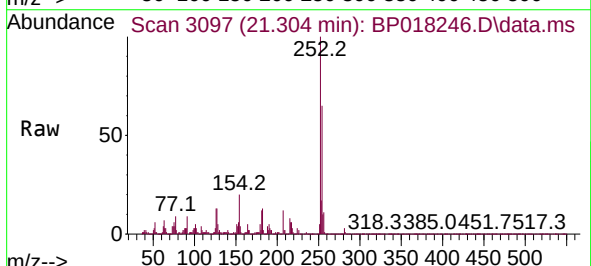
Tgt Ion:252 Resp: 301926

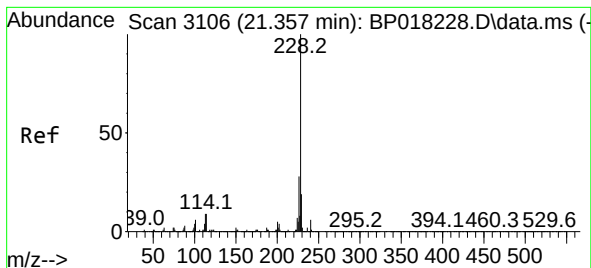
Ion Ratio Lower Upper

252 100

254 64.8 48.9 73.3

126 12.8 9.4 14.0





#85

Benzo(a)anthracene

Concen: 37.993 ng/ul

RT: 21.357 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

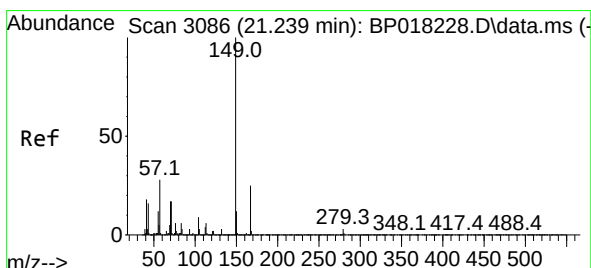
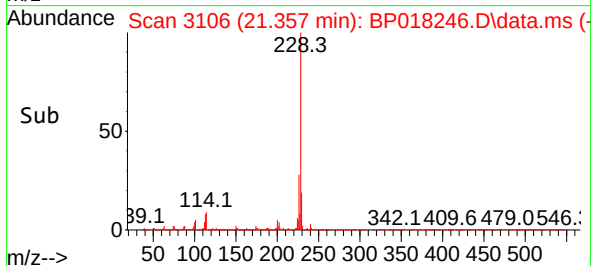
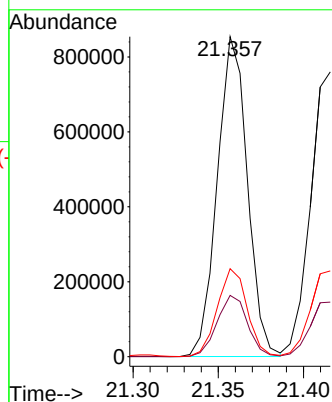
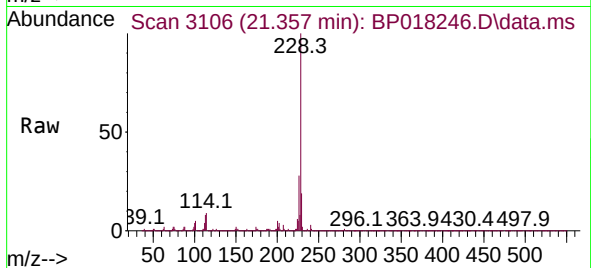
Tgt Ion:228 Resp: 1047850

Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

226 27.5 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 42.301 ng/ul

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

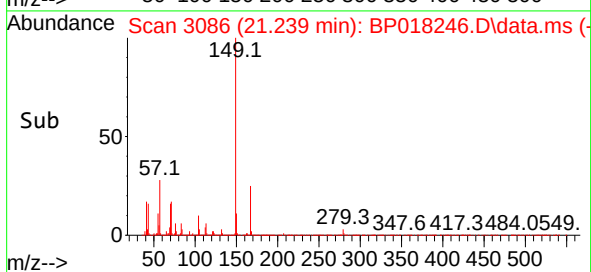
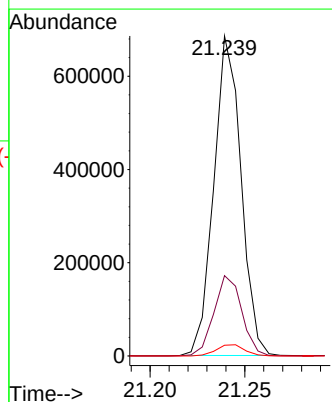
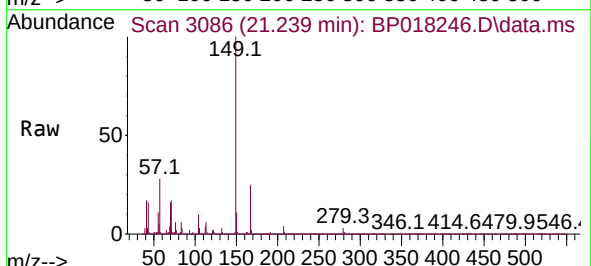
Tgt Ion:149 Resp: 684805

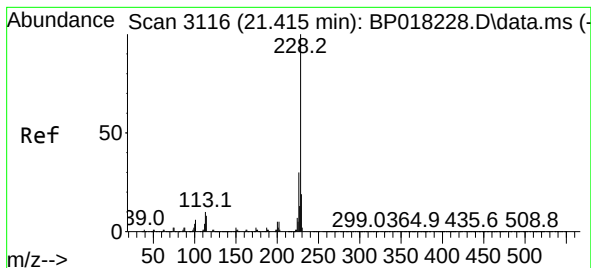
Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.4

279 3.4 3.2 4.8





#87

Chrysene

Concen: 37.274 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

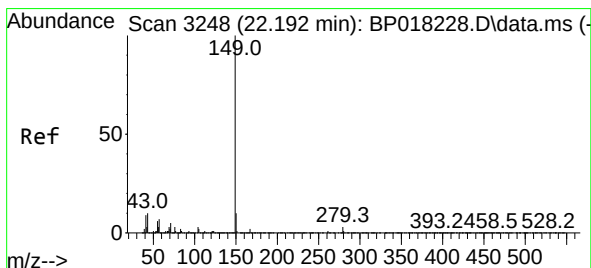
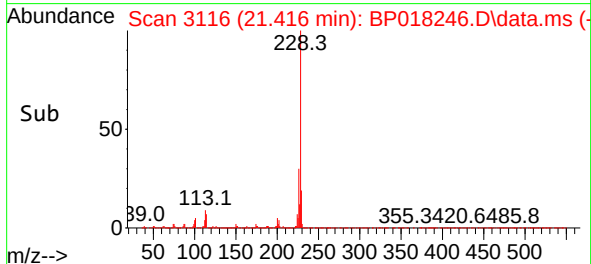
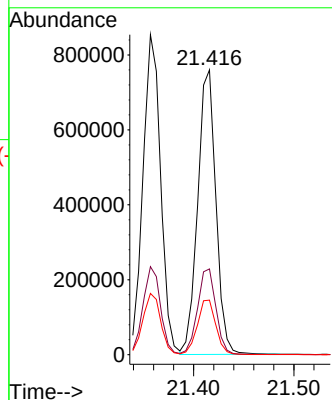
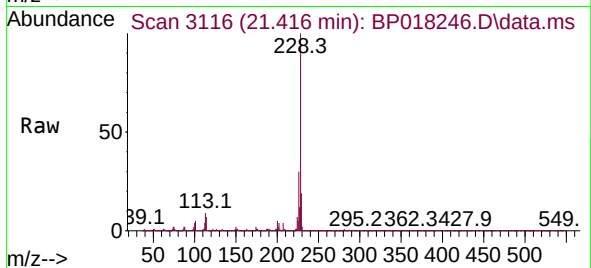
Tgt Ion:228 Resp: 961763

Ion Ratio Lower Upper

228 100

226 30.1 23.1 34.7

229 19.1 15.4 23.0



#89

Di-n-octyl phthalate

Concen: 44.834 ng/ul

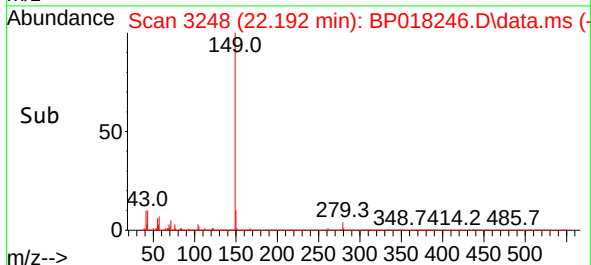
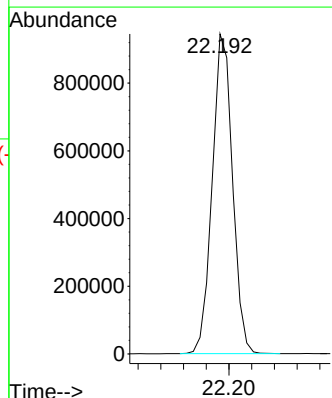
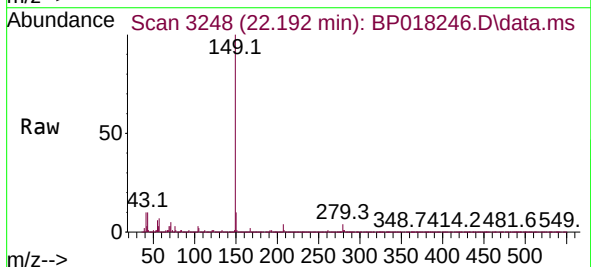
RT: 22.192 min Scan# 3248

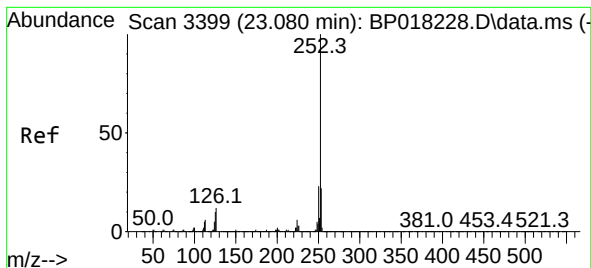
Delta R.T. 0.000 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Tgt Ion:149 Resp: 1170589





#90

Benzo(b)fluoranthene

Concen: 39.808 ng/ul

RT: 23.080 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

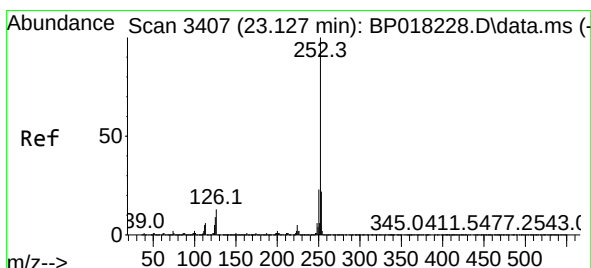
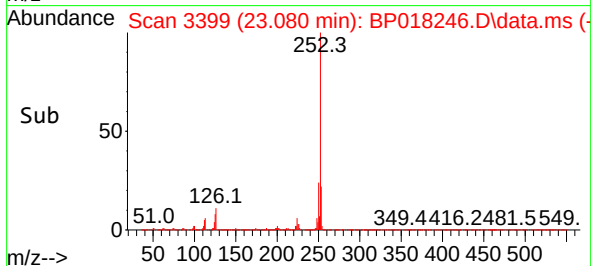
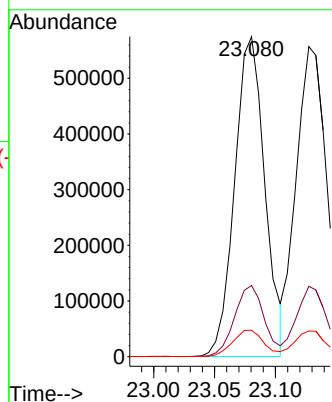
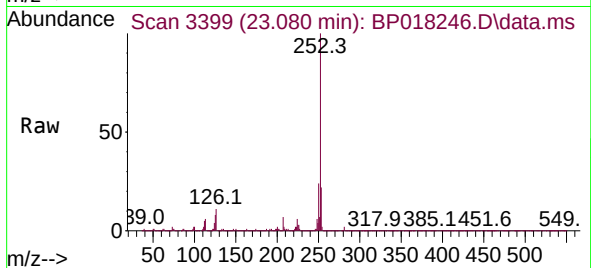
Tgt Ion:252 Resp: 989062

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 8.2 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 39.548 ng/ul

RT: 23.127 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

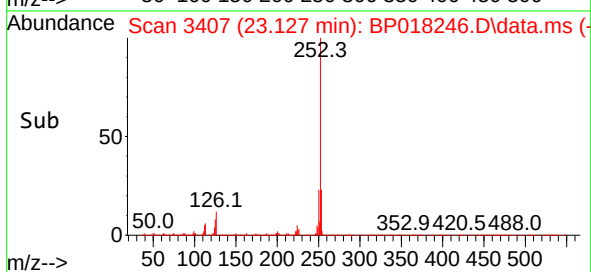
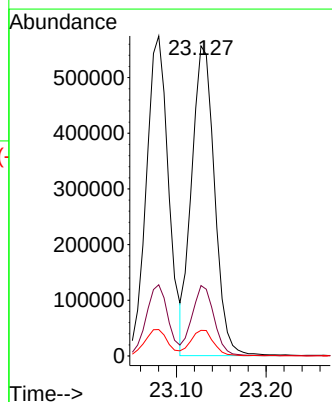
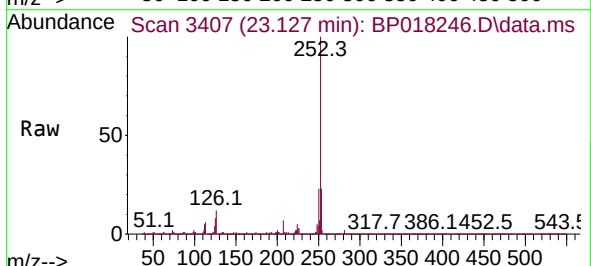
Tgt Ion:252 Resp: 988606

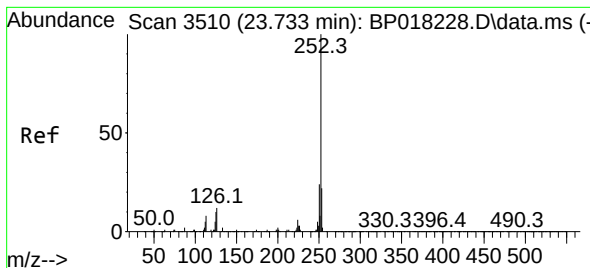
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 8.3 6.8 10.2





#93

Benzo(a)pyrene

Concen: 39.482 ng/ul

RT: 23.733 min Scan# 3510

Delta R.T. 0.000 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

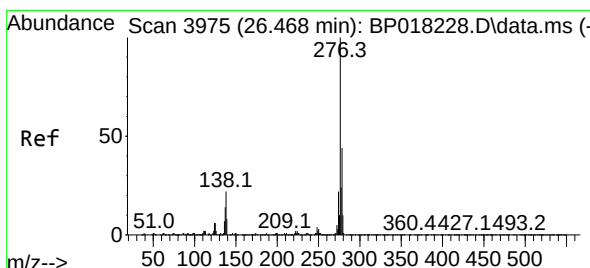
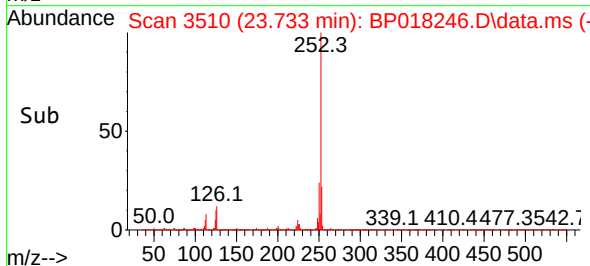
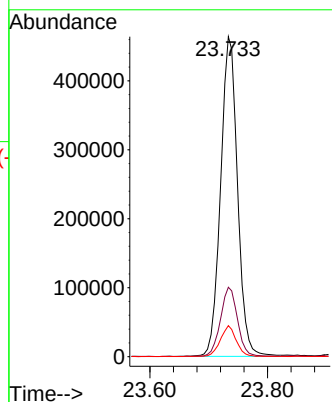
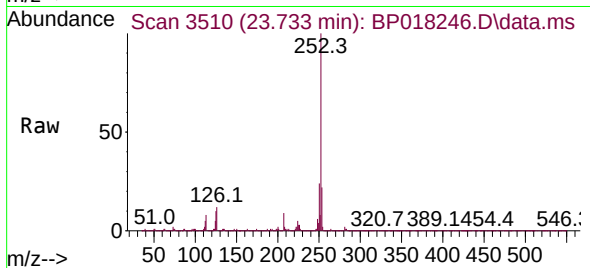
Tgt Ion:252 Resp: 926401

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.7 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.537 ng/ul

RT: 26.474 min Scan# 3976

Delta R.T. 0.012 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

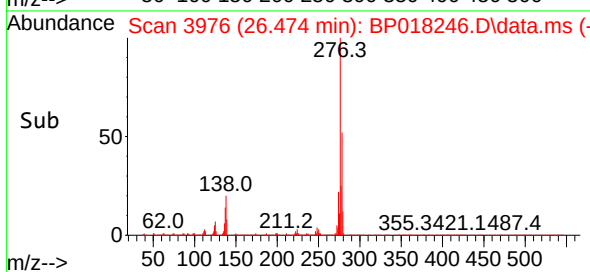
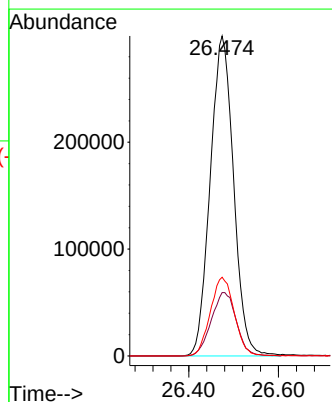
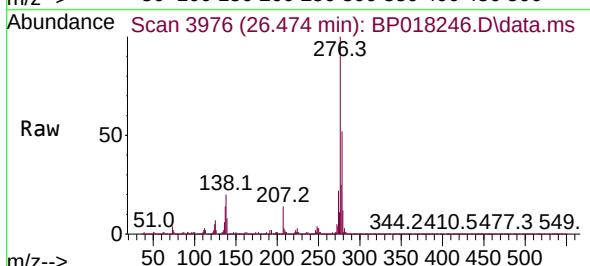
Tgt Ion:276 Resp: 1084497

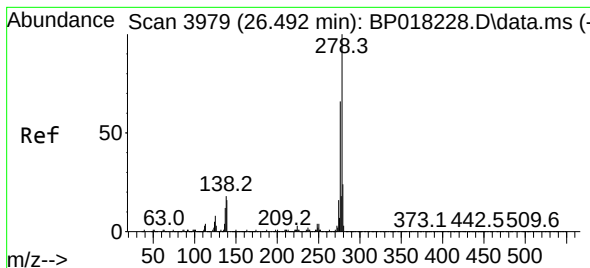
Ion Ratio Lower Upper

276 100

138 19.8 15.6 23.4

277 24.6 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 39.207 ng/ul

RT: 26.498 min Scan# 3979

Delta R.T. 0.006 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Instrument :

BNA_M

ClientSampleId :

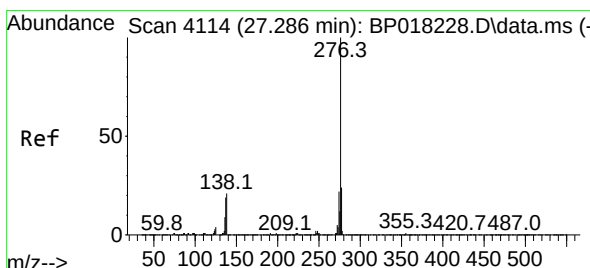
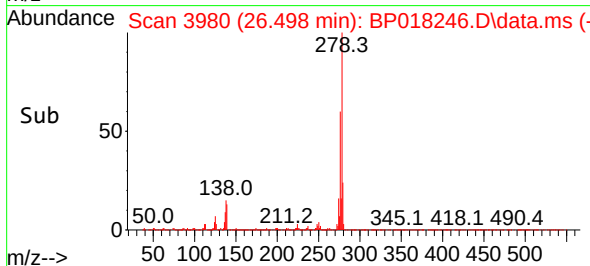
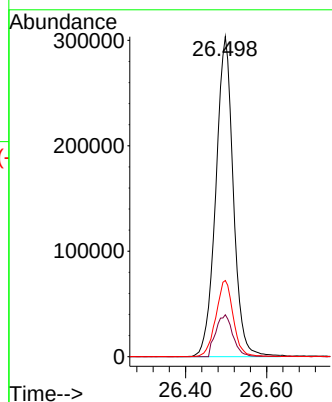
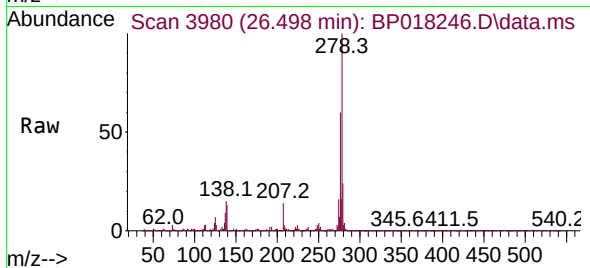
Tgt Ion:278 Resp: 908496

Ion Ratio Lower Upper

278 100

139 13.1 11.1 16.7

279 23.8 19.0 28.4



#96

Benzo(g,h,i)perylene

Concen: 38.496 ng/ul

RT: 27.292 min Scan# 4115

Delta R.T. 0.012 min

Lab File: BP018246.D

Acq: 18 Nov 2023 05:54

Tgt Ion:276 Resp: 866505

Ion Ratio Lower Upper

276 100

138 17.8 13.8 20.6

277 23.1 20.2 30.2

