

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
 Data File : BP018252.D
 Acq On : 18 Nov 2023 09:51
 Operator : MA/JU
 Sample : 05369-17MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 19 00:49:46 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	58676	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	248357	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	175307	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	393981	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	383608	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	416193	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	5482	3.296	ng/uL	0.00
4) Pyridine-d5	3.593	84	376	0.087	ng/u1	0.00
7) Phenol-d5	6.934	99	8	0.001	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.140	67	11404	3.426	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	7298	1.627	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	4972	1.071	ng/u1	0.02
21) Nitrobenzene-d5	8.993	128	7054	3.153	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	4722	1.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	446	0.099	ng/u1	0.11
31) 4-Chloroaniline-d4	10.799	131	14607	2.358	ng/u1	0.01
46) Dimethylphthalate-d6	13.881	166	48203	2.980	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	57795	3.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	9024	3.733	ng/u1	0.02
60) Fluorene-d10	15.463	176	49673	3.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	1598	0.561	ng/u1	0.00
73) Anthracene-d10	17.345	188	77425	3.634	ng/u1	0.00
81) Pyrene-d10	19.604	212	96648	3.772	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	94720	3.914	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	5405	2.978	ng/uL#	90
5) Pyridine	3.628	79	23806	5.319	ng/u1	95
6) Benzaldehyde	6.963	77	26289	8.617	ng/u1	96
8) Phenol	6.993	94	22860	4.091	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	37402	8.627	ng/u1	94
12) 2-Chlorophenol	7.340	128	29275	6.500	ng/u1	93
13) 2-Methylphenol	8.246	108	27437	6.498	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.293	45	25732	5.198	ng/u1#	92
16) Acetophenone	8.640	105	60918	8.256	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.599	70	33068	8.209	ng/u1	96
18) 4-Methylphenol	8.593	108	24603	5.343	ng/u1	96
19) Hexachloroethane	8.822	117	18018	8.361	ng/u1	92
22) Nitrobenzene	9.034	77	49498	8.193	ng/u1	97
23) Isophorone	9.534	82	90836	8.239	ng/u1	99
25) 2-Nitrophenol	9.746	139	17103	6.566	ng/u1	93
26) 2,4-Dimethylphenol	9.781	107	36663	6.616	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.034	93	49876	8.296	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	29987	6.950	ng/u1	97
30) Naphthalene	10.646	128	131839	8.729	ng/u1	98
32) 4-Chloroaniline	10.822	127	30558	5.149	ng/u1	99
33) Hexachlorobutadiene	10.863	225	28416	8.972	ng/u1	97
34) Caprolactam	11.628	113	6743	4.705	ng/u1	84
35) 4-Chloro-3-methylphenol	11.928	107	38741	7.464	ng/u1	94
36) 2-Methylnaphthalene	12.269	142	91835	8.857	ng/u1	99

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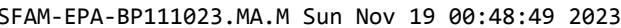
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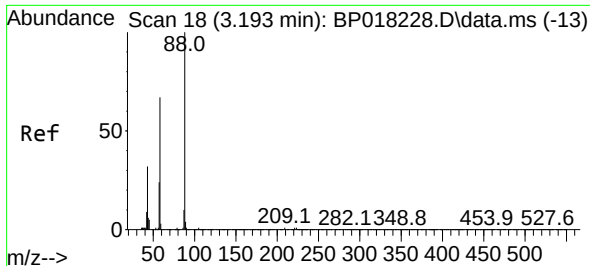
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	92985	8.727	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	52414	8.850	ng/ul	96
40) Hexachlorocyclopentadiene	12.551	237	10848	3.795	ng/ul	89
41) 2,4,6-Trichlorophenol	12.898	196	26842	6.909	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	26840	6.565	ng/ul	99
43) 1,1'-Biphenyl	13.287	154	128797	8.640	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	100451	8.488	ng/ul	99
45) 2-Nitroaniline	13.604	65	29397	7.697	ng/ul	99
47) Dimethylphthalate	13.928	163	133580	8.419	ng/ul	98
50) Acenaphthylene	14.187	152	166896	8.391	ng/ul	98
51) 3-Nitroaniline	14.451	138	15420	5.269	ng/ul#	83
52) Acenaphthene	14.522	153	119218	9.039	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	3622	2.105	ng/ul#	81
55) 4-Nitrophenol	14.804	109	4971	1.549	ng/ul	92
56) Dibenzofuran	14.869	168	167728	9.280	ng/ul	96
57) 2,4-Dinitrotoluene	14.892	165	40715	8.641	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.098	232	25514	7.015	ng/ul	99
59) Diethylphthalate	15.287	149	158957	9.589	ng/ul	99
61) Fluorene	15.516	166	138752	9.042	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	71379	9.492	ng/ul	98
63) 4-Nitroaniline	15.628	138	16213	5.871	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.651	198	12846	4.347	ng/ul#	92
67) N-Nitrosodiphenylamine	15.745	169	117042	9.263	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	42694	9.615	ng/ul	85
69) Hexachlorobenzene	16.498	284	48762	9.841	ng/ul	98
70) Atrazine	16.704	200	41225	9.353	ng/ul	97
71) Pentachlorophenol	16.881	266	12620	4.196	ng/ul	91
72) Phenanthrene	17.286	178	235010	9.715	ng/ul	99
74) Anthracene	17.381	178	232441	9.416	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	54424	9.046	ng/uL	96
76) Pentachlorobenzene	14.757	250	58765	9.977	ng/uL	97
77) Carbazole	17.681	167	205337	9.579	ng/ul	98
78) Di-n-butylphthalate	18.186	149	276131	10.152	ng/ul	98
80) Fluoranthene	19.275	202	279802	9.350	ng/ul	97
82) Pyrene	19.628	202	301070	9.601	ng/ul	99
83) Butylbenzylphthalate	20.498	149	124361	9.430	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.310	252	79159	8.637	ng/ul	96
85) Benzo(a)anthracene	21.357	228	300626	9.705	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	187917	10.336	ng/ul	98
87) Chrysene	21.416	228	283956	9.799	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	310379	9.972	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	294018	9.927	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	290404	9.745	ng/ul	98
93) Benzo(a)pyrene	23.739	252	274428	9.811	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.480	276	329464	9.821	ng/ul	97
95) Dibenzo(a,h)anthracene	26.504	278	271407	9.825	ng/ul	100
96) Benzo(g,h,i)perylene	27.298	276	262262	9.774	ng/ul	96

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

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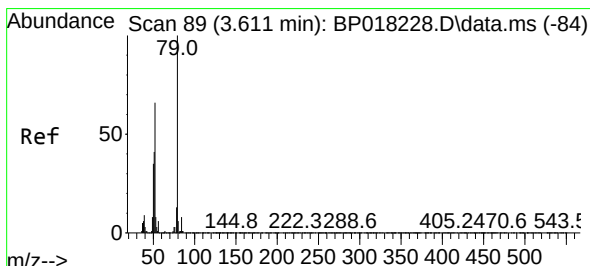
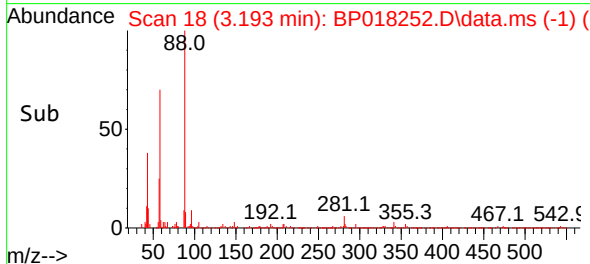
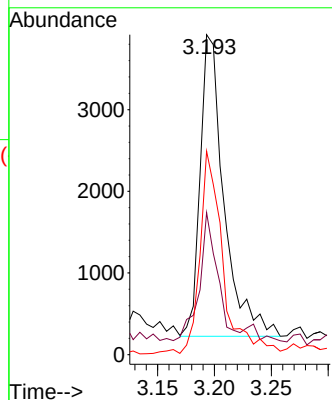
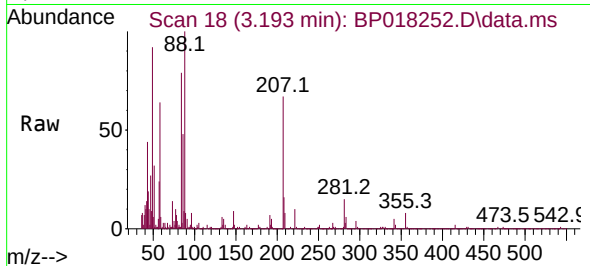




#2
 1,4-Dioxane
 Concen: 2.978 ng/uL
 RT: 3.193 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP018252.D
 Acq: 18 Nov 2023 09:51

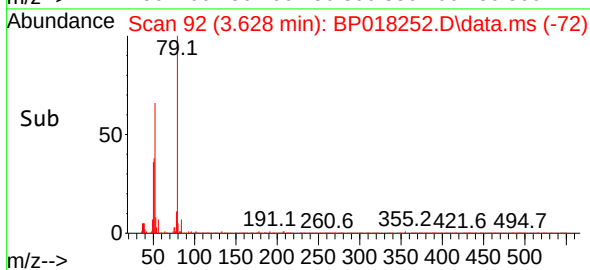
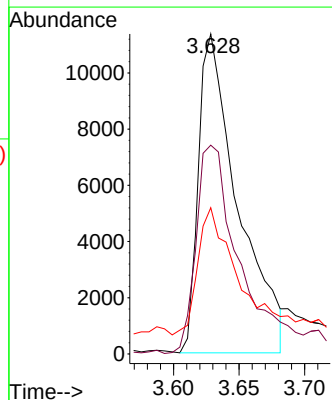
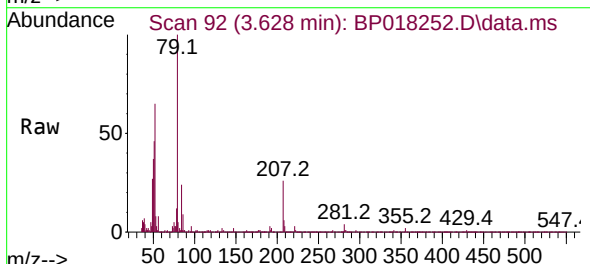
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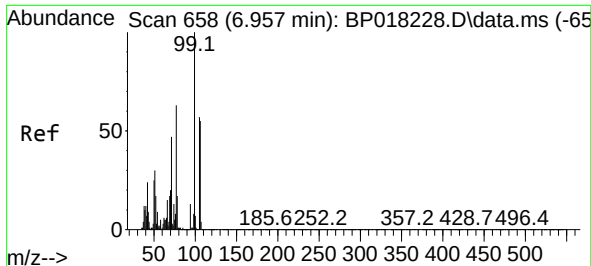
Tgt Ion: 88 Resp: 5405
 Ion Ratio Lower Upper
 88 100
 43 44.4 25.4 38.2#
 58 63.6 53.3 79.9



#5
 Pyridine
 Concen: 5.319 ng/uL
 RT: 3.628 min Scan# 92
 Delta R.T. 0.018 min
 Lab File: BP018252.D
 Acq: 18 Nov 2023 09:51

Tgt Ion: 79 Resp: 23806
 Ion Ratio Lower Upper
 79 100
 52 65.2 53.9 80.9
 51 45.7 32.2 48.2

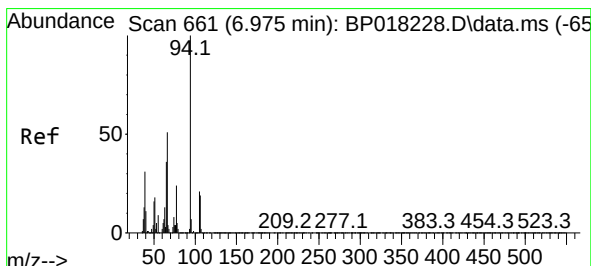
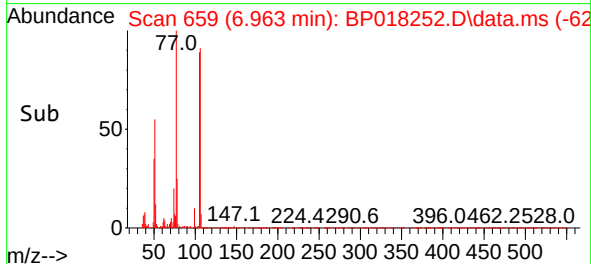
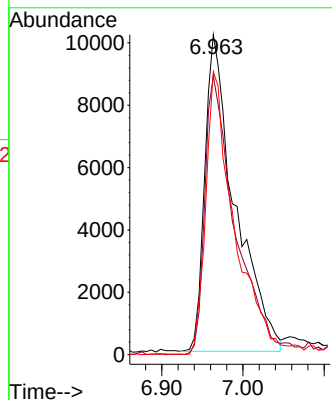
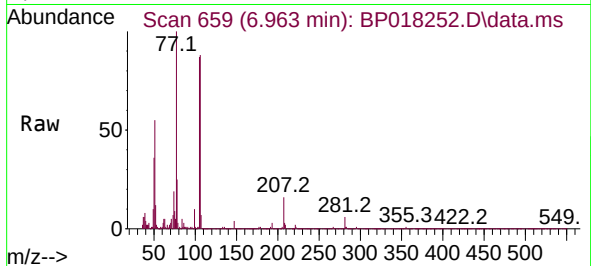




#6
Benzaldehyde
Concen: 8.617 ng/ul
RT: 6.963 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

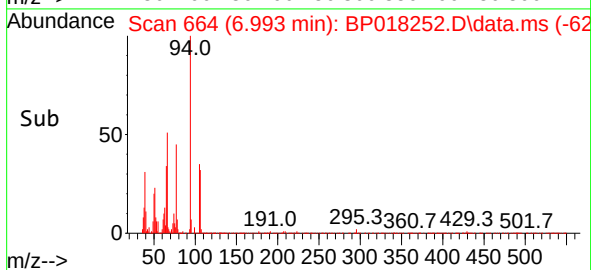
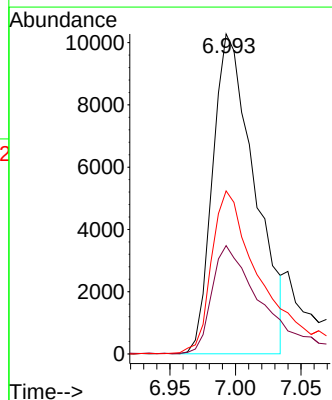
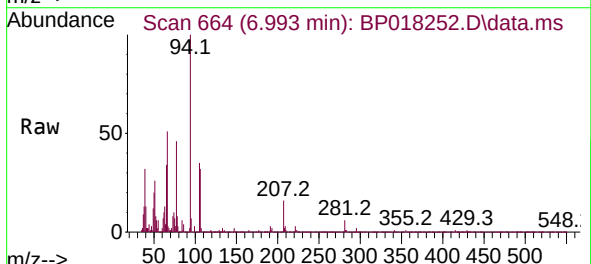
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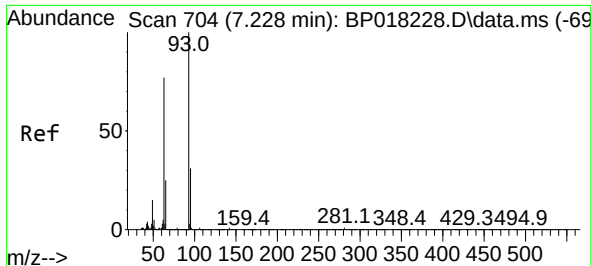
Tgt Ion: 77 Resp: 26289
Ion Ratio Lower Upper
77 100
105 87.1 72.7 109.1
106 88.5 67.5 101.3



#8
Phenol
Concen: 4.091 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. 0.012 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion: 94 Resp: 22860
Ion Ratio Lower Upper
94 100
65 33.9 28.2 42.2
66 50.9 40.3 60.5

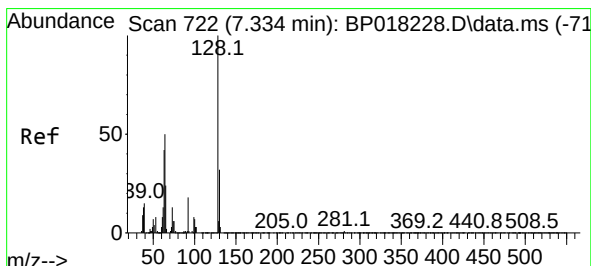
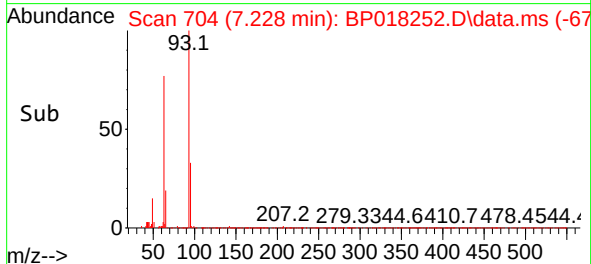
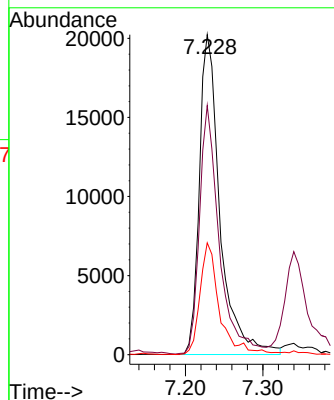
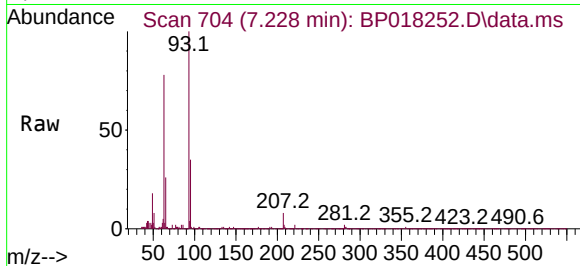




#10
Bis(2-Chloroethyl)ether
Concen: 8.627 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

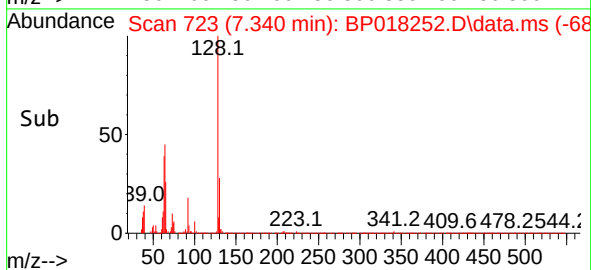
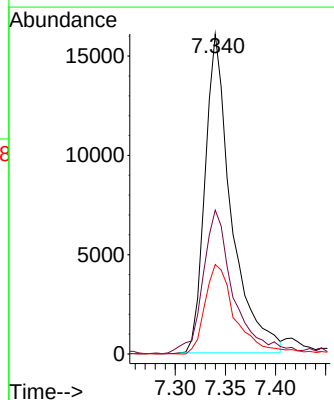
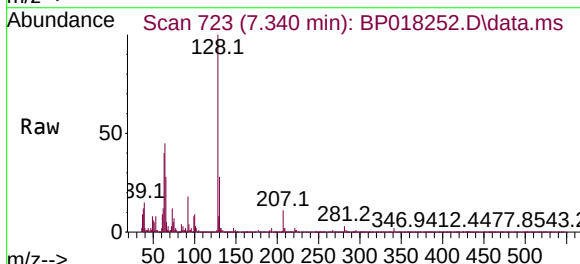
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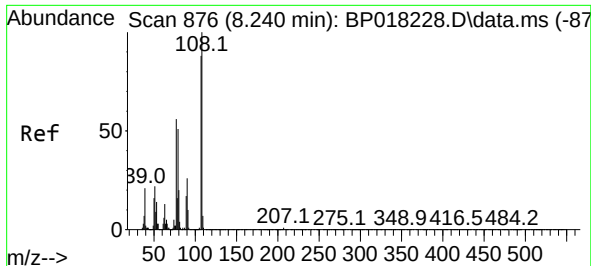
Tgt Ion: 93 Resp: 37402
Ion Ratio Lower Upper
93 100
63 77.8 57.8 86.6
95 35.0 25.5 38.3



#12
2-Chlorophenol
Concen: 6.500 ng/ul
RT: 7.340 min Scan# 723
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion: 128 Resp: 29275
Ion Ratio Lower Upper
128 100
64 45.0 39.2 58.8
130 27.9 26.6 40.0





#13

2-Methylphenol

Concen: 6.498 ng/ul

RT: 8.246 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

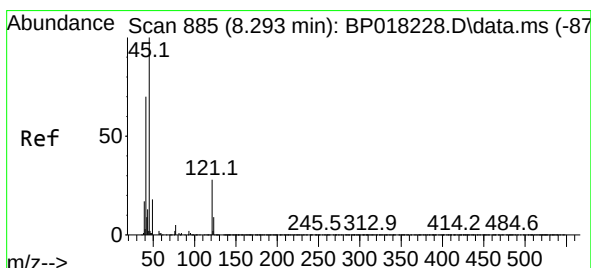
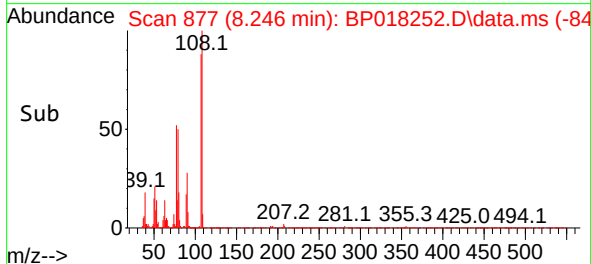
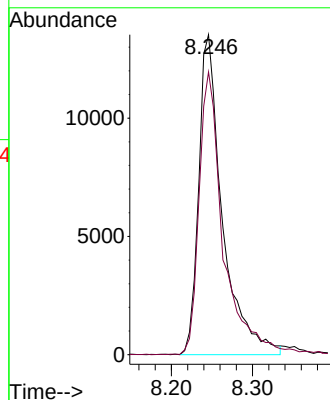
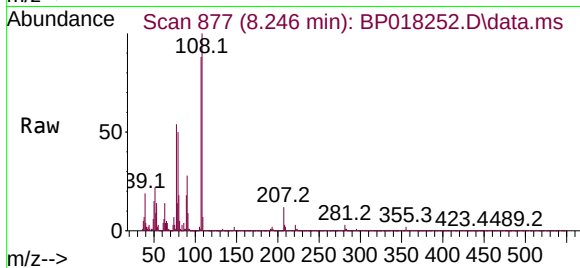
ClientSampleId :

Tgt Ion:108 Resp: 27437

Ion Ratio Lower Upper

108 100

107 88.4 75.2 112.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.198 ng/ul

RT: 8.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

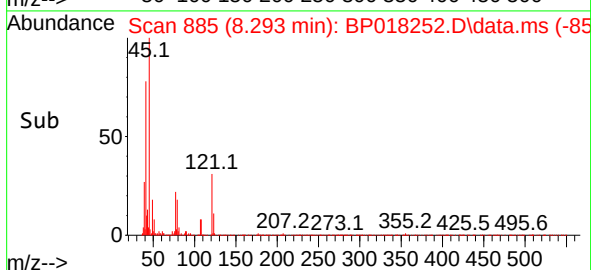
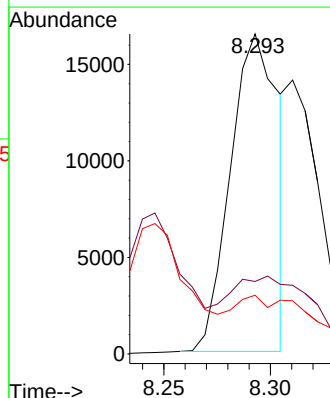
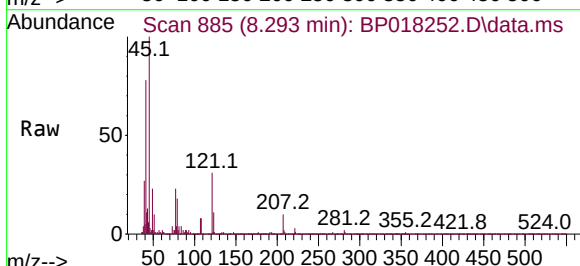
Tgt Ion: 45 Resp: 25732

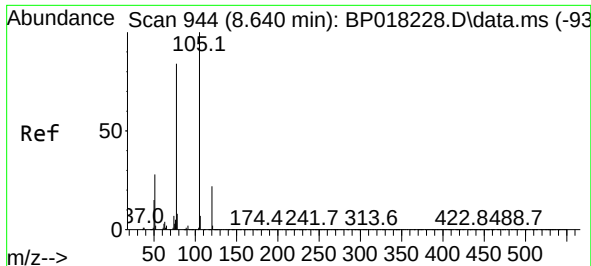
Ion Ratio Lower Upper

45 100

77 22.7 16.1 24.1

79 18.3 11.1 16.7#

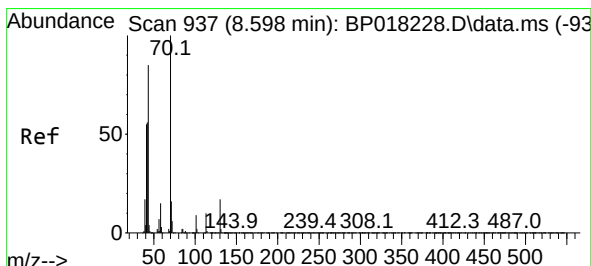
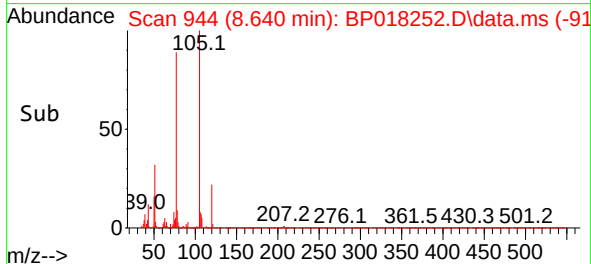
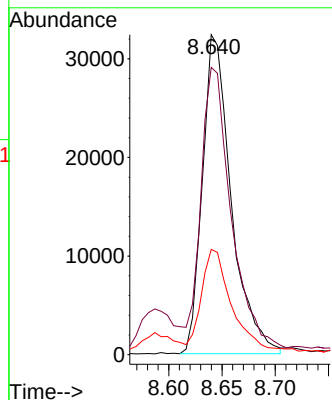
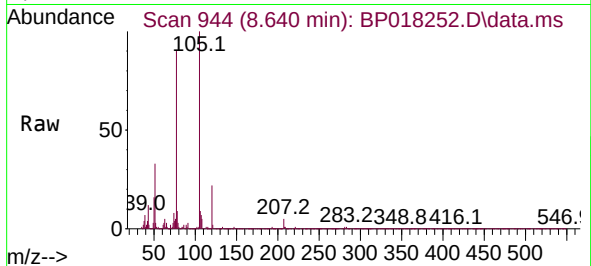




#16
Acetophenone
Concen: 8.256 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BP018252.D
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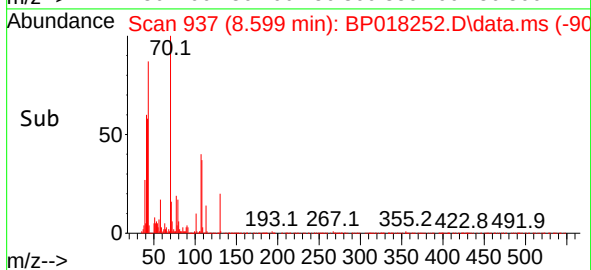
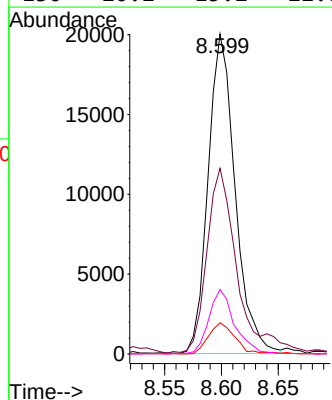
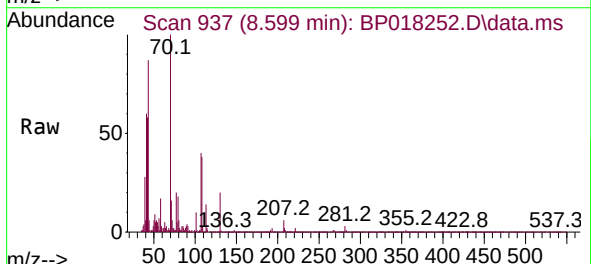
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ClientSampleId :

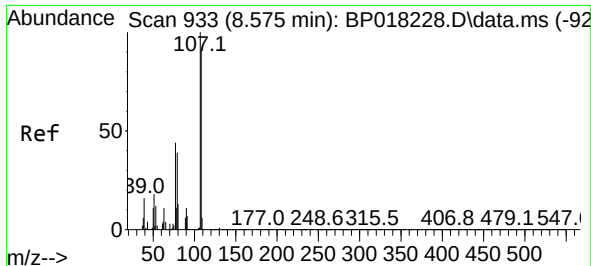
Tgt Ion:105 Resp: 60918
Ion Ratio Lower Upper
105 100
77 89.8 70.1 105.1
51 32.9 23.4 35.0



#17
N-Nitroso-di-n-propylamine
Concen: 8.209 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

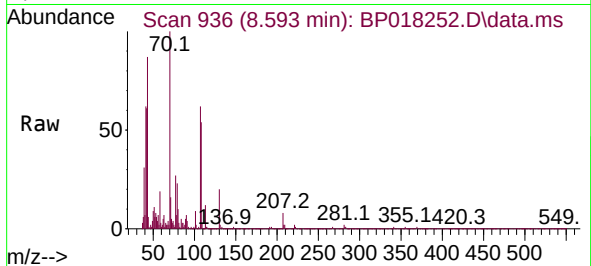
Tgt Ion: 70 Resp: 33068
Ion Ratio Lower Upper
70 100
42 58.0 43.7 65.5
101 9.8 8.2 12.4
130 20.2 15.2 22.8



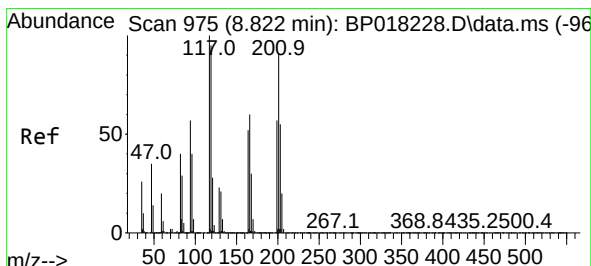
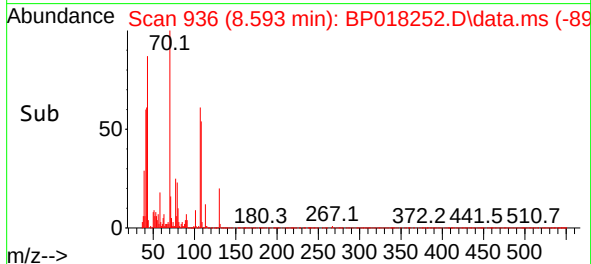
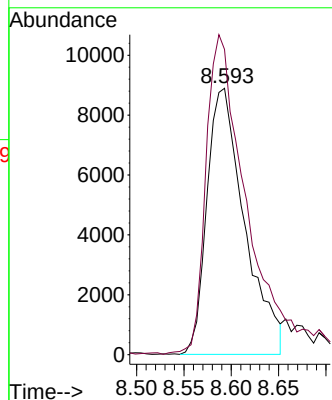


#18
4-Methylphenol
Concen: 5.343 ng/ul
RT: 8.593 min Scan# 911
Delta R.T. 0.018 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Instrument :
BNA_M
ClientSampleId :

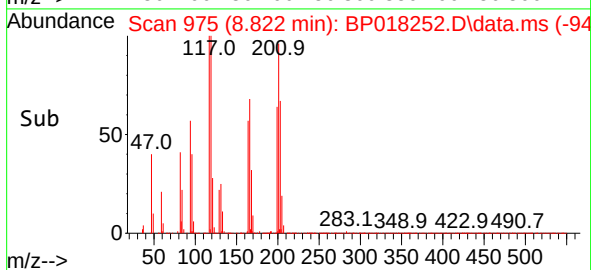
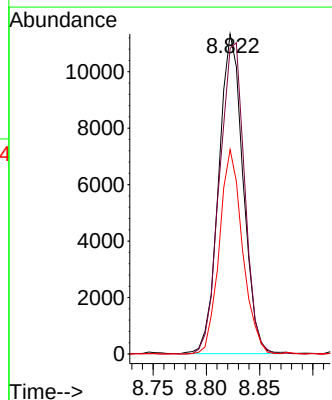
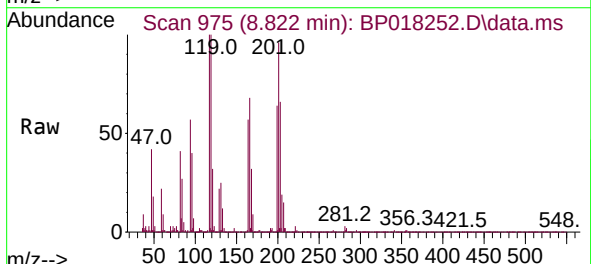


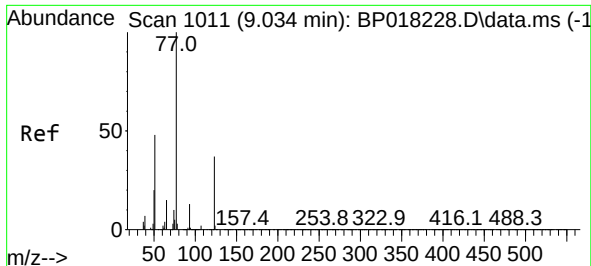
Tgt Ion:108 Resp: 24603
Ion Ratio Lower Upper
108 100
107 114.6 88.2 132.4



#19
Hexachloroethane
Concen: 8.361 ng/ul
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:117 Resp: 18018
Ion Ratio Lower Upper
117 100
201 95.5 84.8 127.2
199 63.9 49.0 73.4

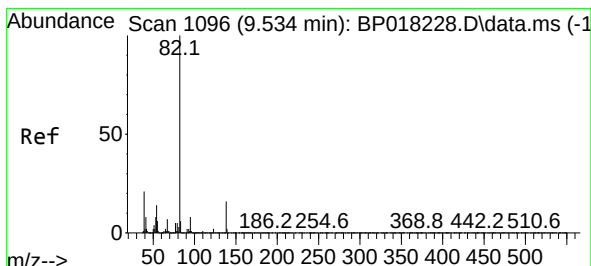
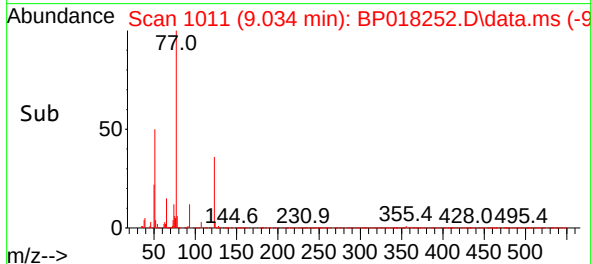
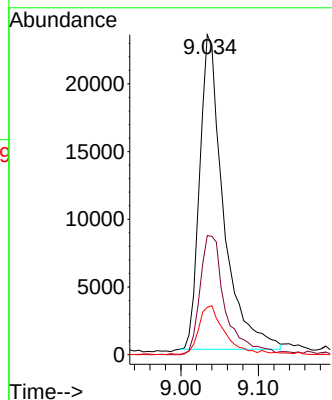
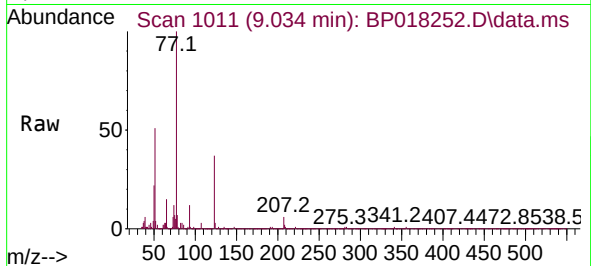




#22
Nitrobenzene
Concen: 8.193 ng/ul
RT: 9.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

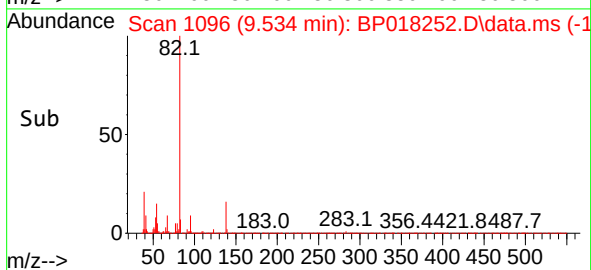
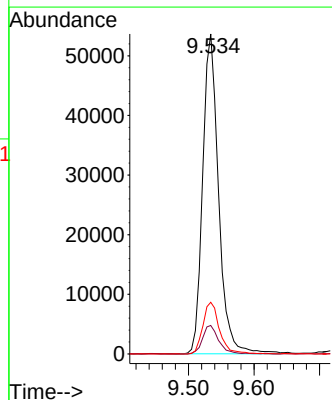
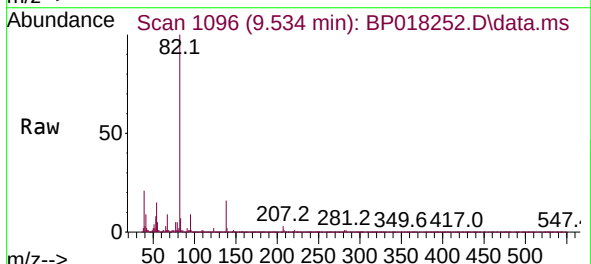
Instrument :
BNA_M
ClientSampleId :

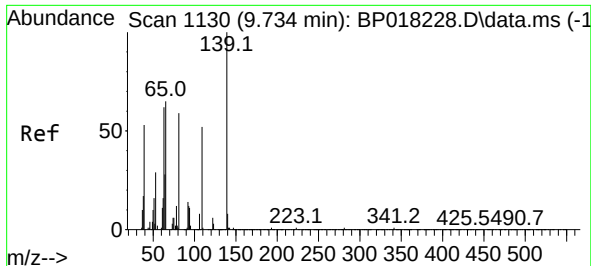
Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.2	27.8	41.8
65	14.8	11.5	17.3



#23
Isophorone
Concen: 8.239 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.9	6.6	9.8
138	16.2	13.1	19.7

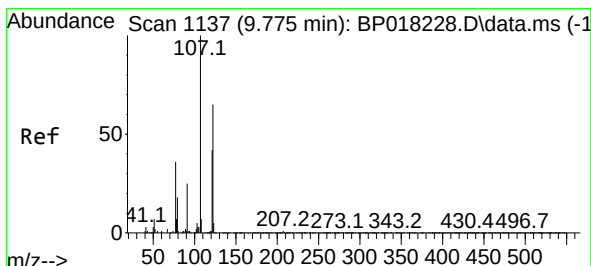
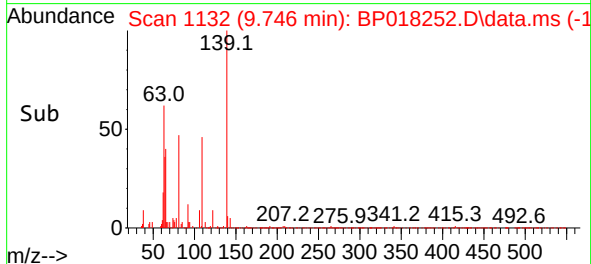
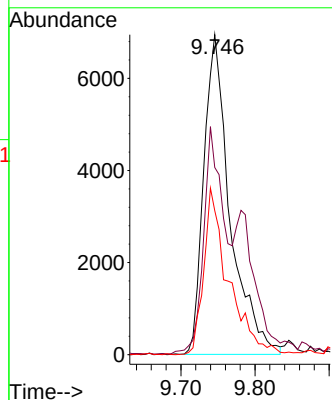
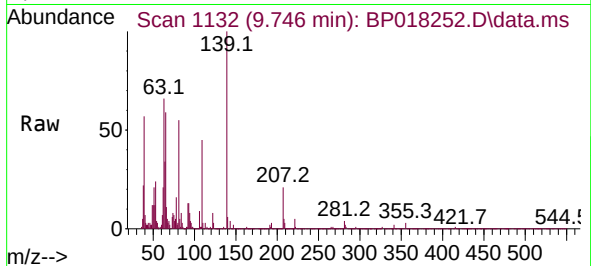




#25
2-Nitrophenol
Concen: 6.566 ng/ul
RT: 9.746 min Scan# 1130
Delta R.T. 0.012 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

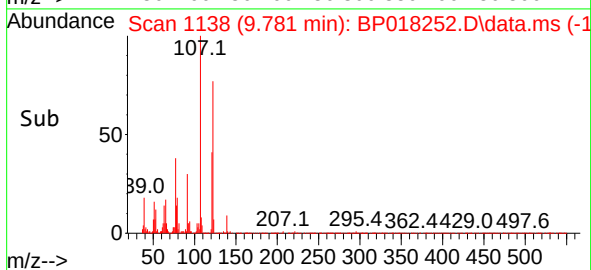
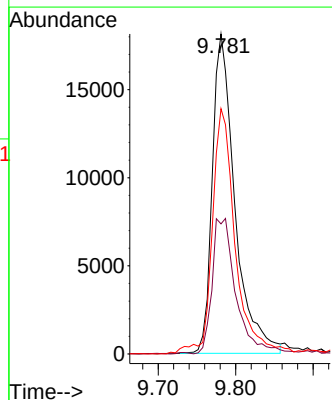
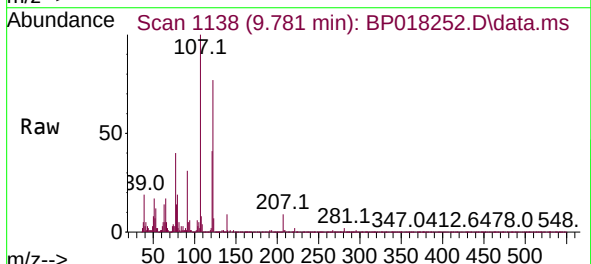
Instrument :
BNA_M
ClientSampleId :

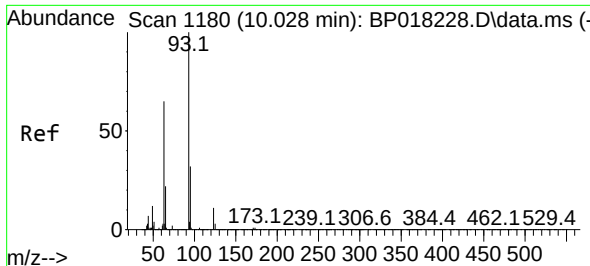
Tgt Ion:139 Resp: 17103
Ion Ratio Lower Upper
139 100
65 58.5 51.4 77.0
109 45.0 33.1 49.7



#26
2,4-Dimethylphenol
Concen: 6.616 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:107 Resp: 36663
Ion Ratio Lower Upper
107 100
121 40.6 37.8 56.8
122 76.6 62.1 93.1

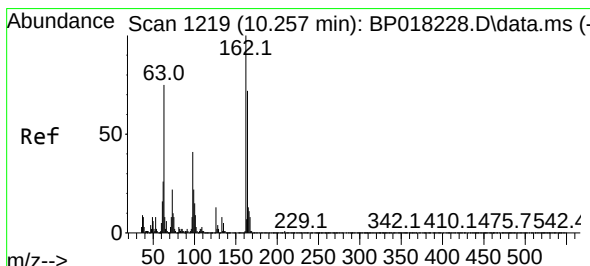
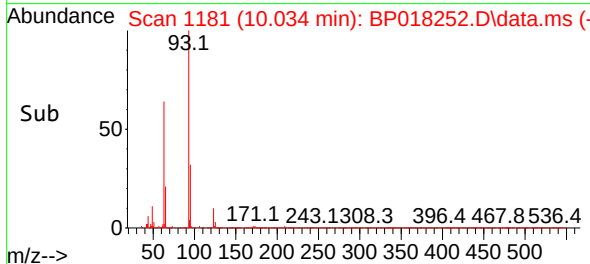
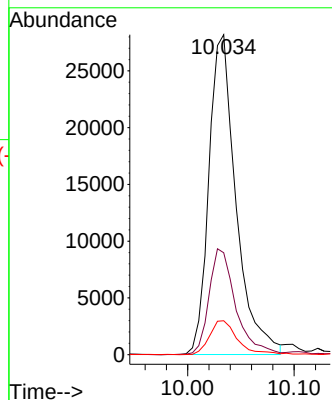
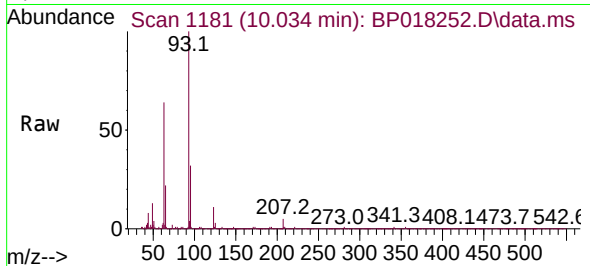




#27
Bis(2-Chloroethoxy)methane
Concen: 8.296 ng/ul
RT: 10.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

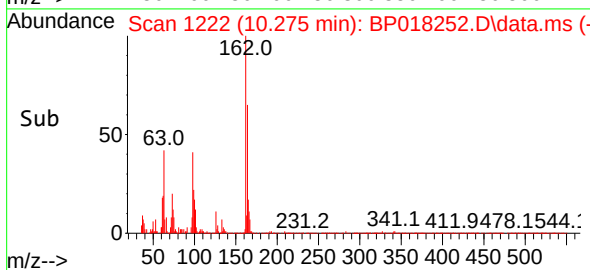
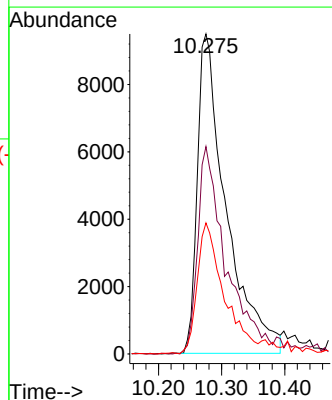
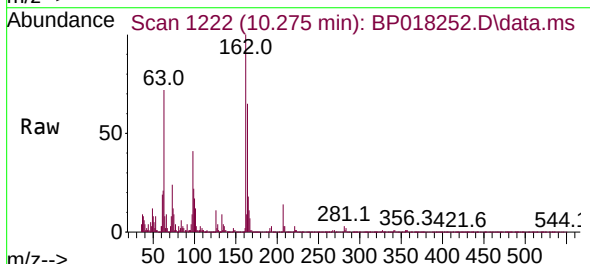
Instrument :
BNA_M
ClientSampleId :

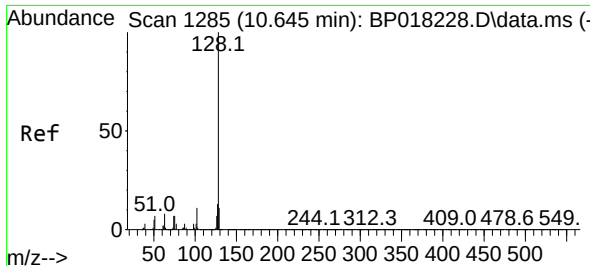
Tgt Ion: 93 Resp: 49876
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.2
123 10.6 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 6.950 ng/ul
RT: 10.275 min Scan# 1222
Delta R.T. 0.018 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:162 Resp: 29987
Ion Ratio Lower Upper
162 100
164 64.8 51.8 77.6
98 40.9 28.7 43.1

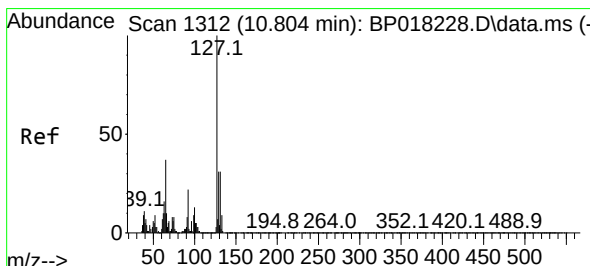
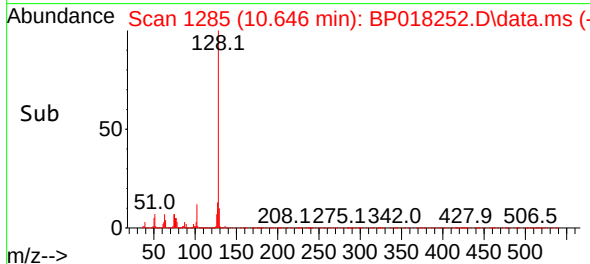
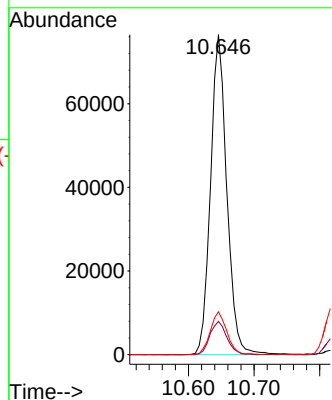
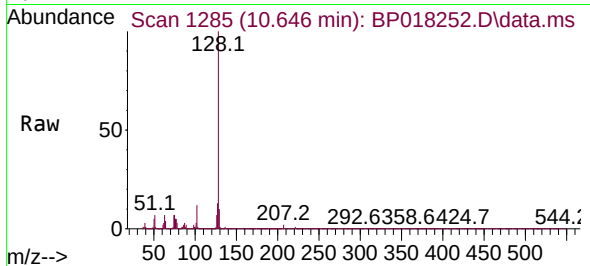




#30
Naphthalene
Concen: 8.729 ng/ul
RT: 10.646 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

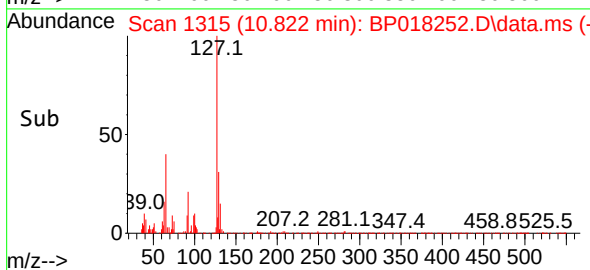
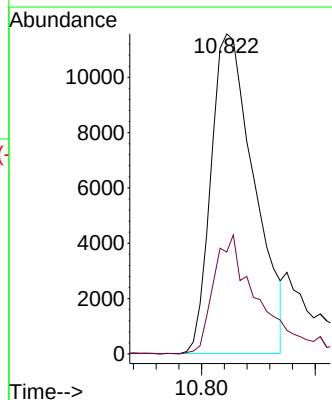
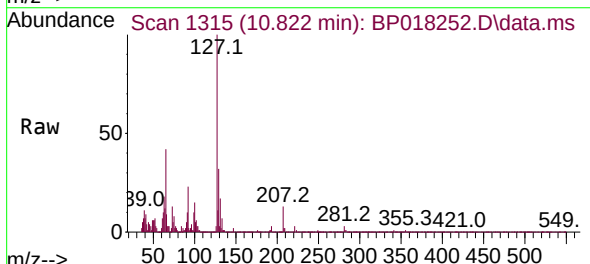
Instrument :
BNA_M
ClientSampleId :

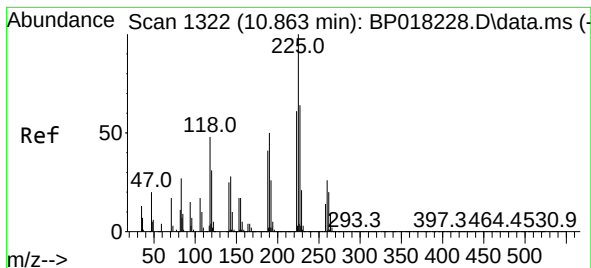
Tgt Ion:128 Resp: 131839
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.4 10.3 15.5



#32
4-Chloroaniline
Concen: 5.149 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:127 Resp: 30558
Ion Ratio Lower Upper
127 100
129 31.9 26.1 39.1





#33

Hexachlorobutadiene

Concen: 8.972 ng/ul

RT: 10.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP018252.D

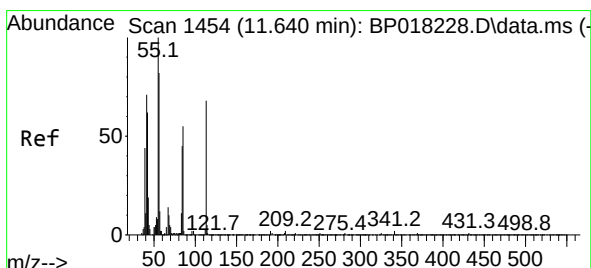
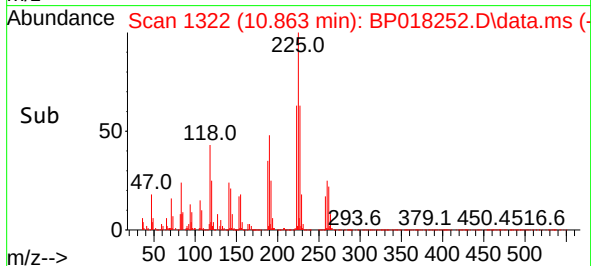
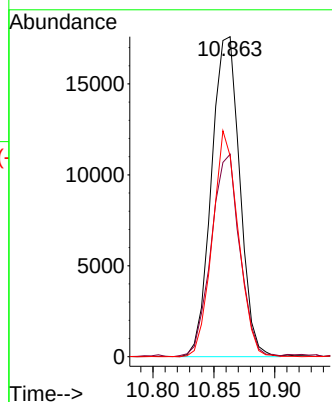
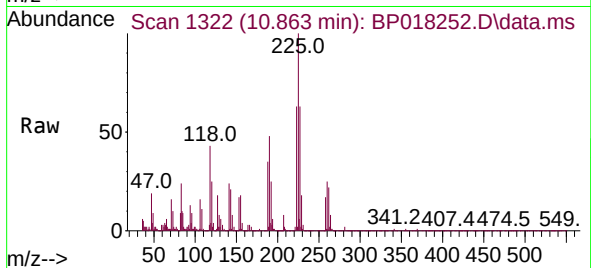
Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	225	Resp:	28416
Ion Ratio	Lower	Upper	
225	100		
223	63.3	52.5	78.7
227	62.8	51.9	77.9



#34

Caprolactam

Concen: 4.705 ng/ul

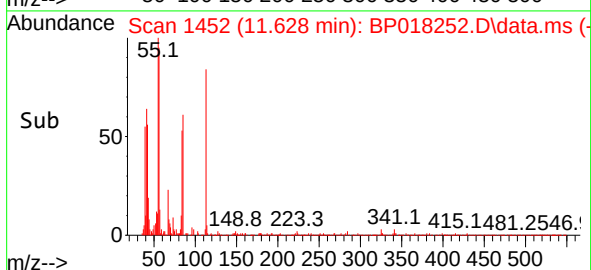
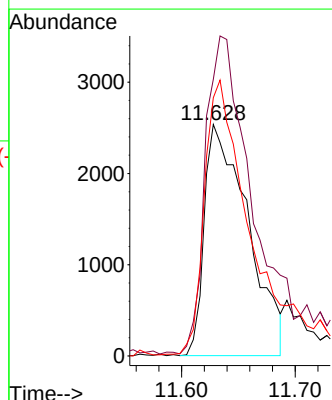
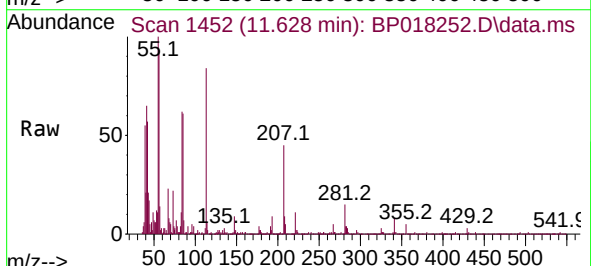
RT: 11.628 min Scan# 1452

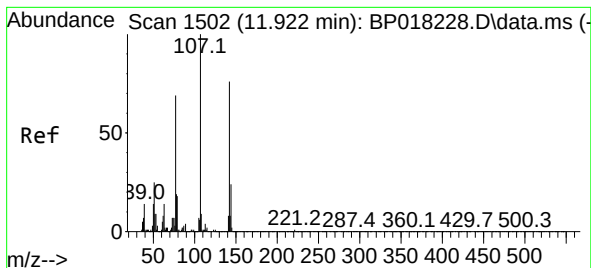
Delta R.T. -0.018 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Tgt Ion:	113	Resp:	6743
Ion Ratio	Lower	Upper	
113	100		
55	119.5	118.3	177.5
56	111.5	95.6	143.4

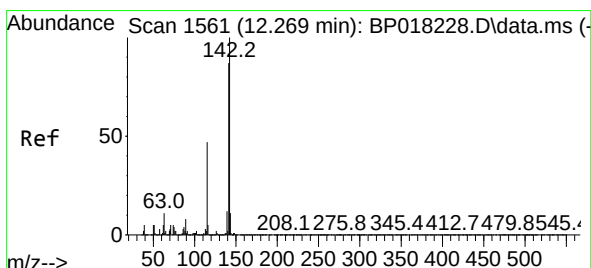
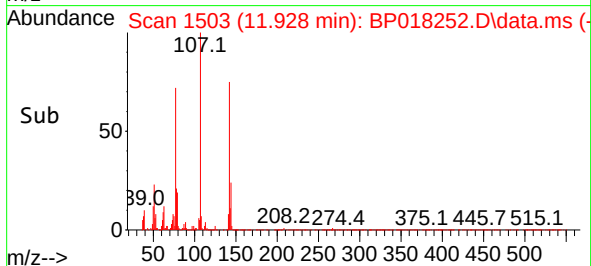
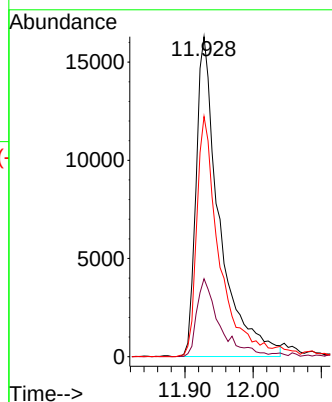
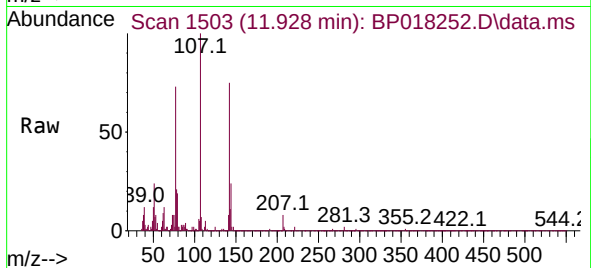




#35
4-Chloro-3-methylphenol
Concen: 7.464 ng/ul
RT: 11.928 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

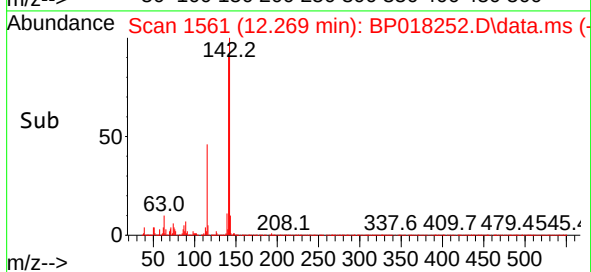
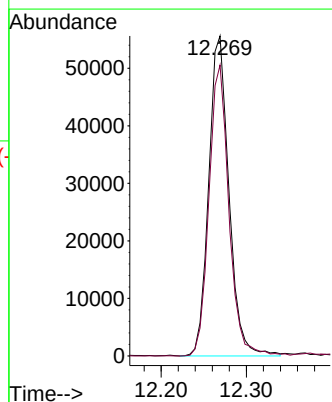
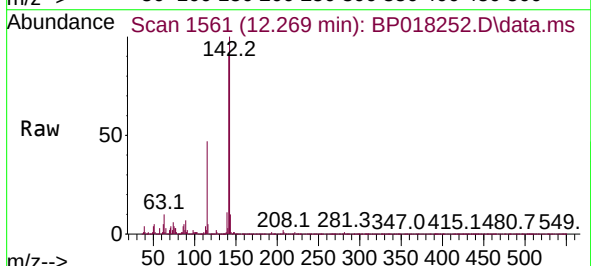
Instrument :
BNA_M
ClientSampleId :

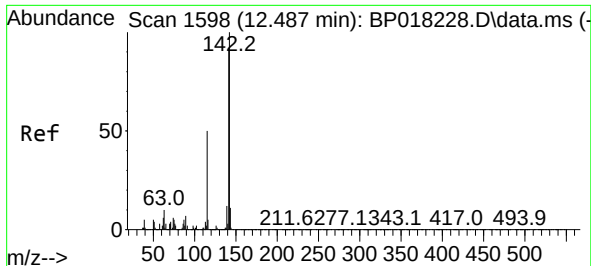
Tgt Ion:107 Resp: 38741
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 75.1 54.8 82.2



#36
2-Methylnaphthalene
Concen: 8.857 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:142 Resp: 91835
Ion Ratio Lower Upper
142 100
141 90.9 71.7 107.5

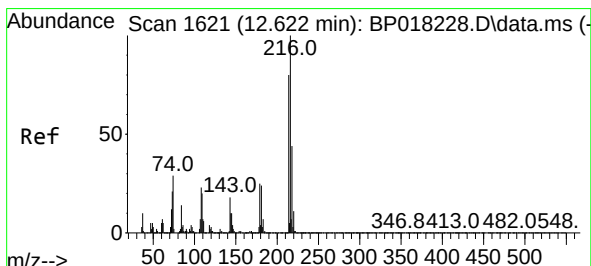
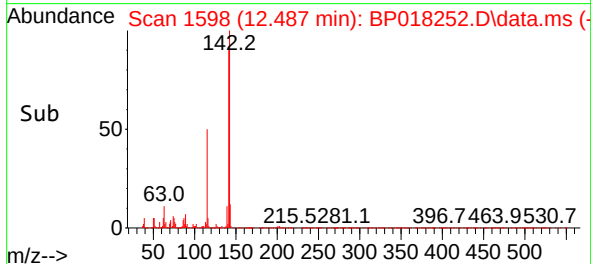
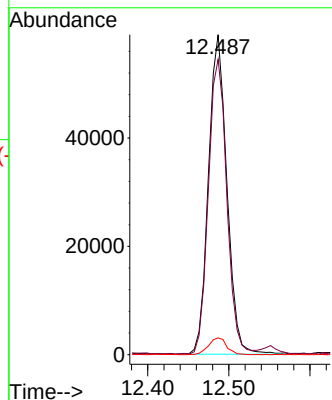
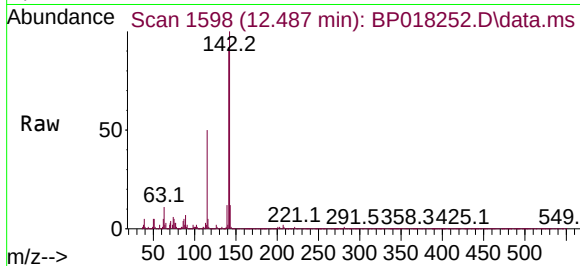




#37
1-Methylnaphthalene
Concen: 8.727 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

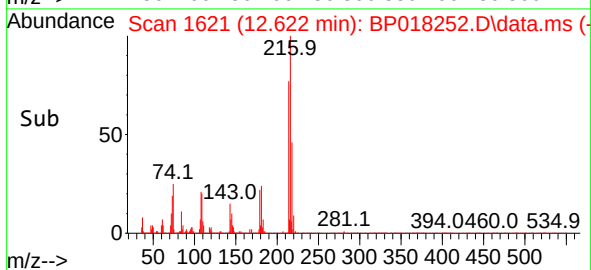
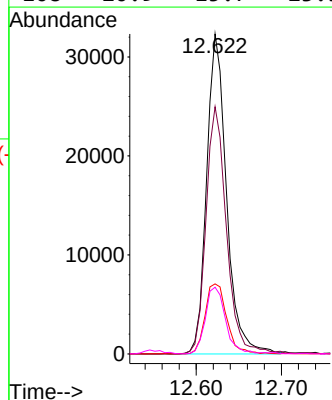
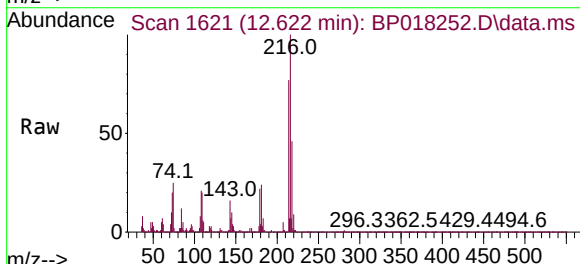
Instrument :
BNA_M
ClientSampleId :

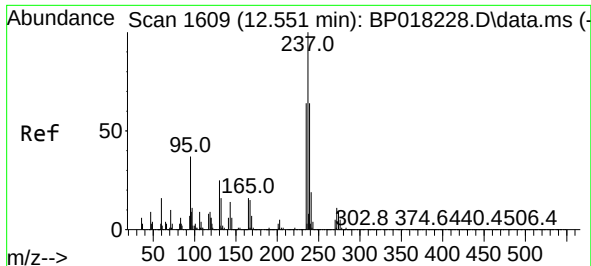
Tgt Ion:	142	Resp:	92985
Ion Ratio	Lower	Upper	
142	100		
141	92.3	72.8	109.2
116	5.3	4.0	6.0



#39
1,2,4,5-Tetrachlorobenzene
Concen: 8.850 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:	216	Resp:	52414
Ion Ratio	Lower	Upper	
216	100		
214	77.3	64.8	97.2
179	21.9	18.3	27.5
108	20.9	15.7	23.5

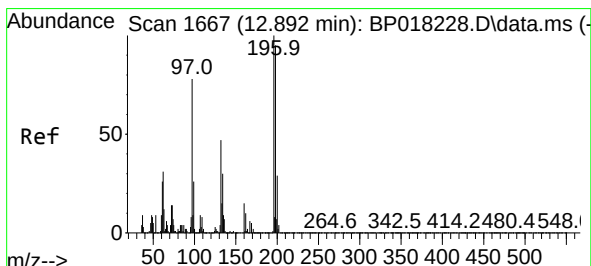
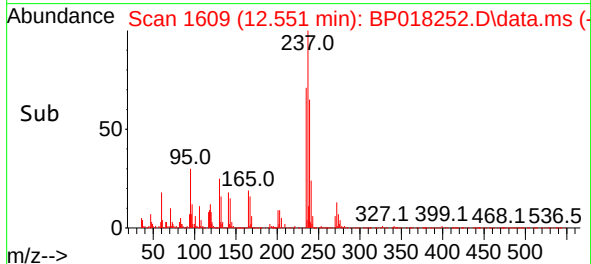
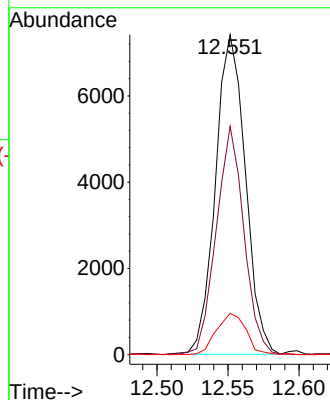
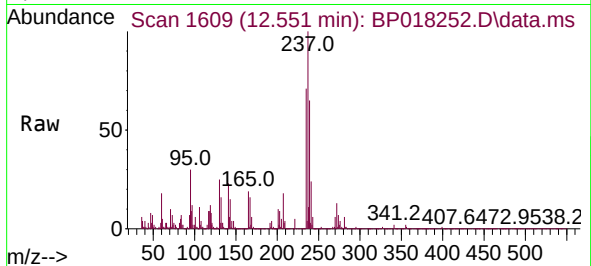




#40
Hexachlorocyclopentadiene
Concen: 3.795 ng/ul
RT: 12.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

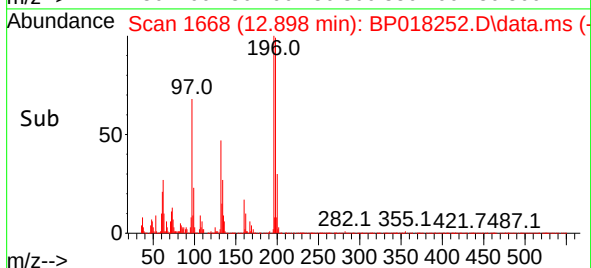
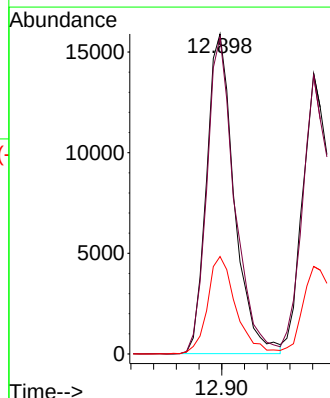
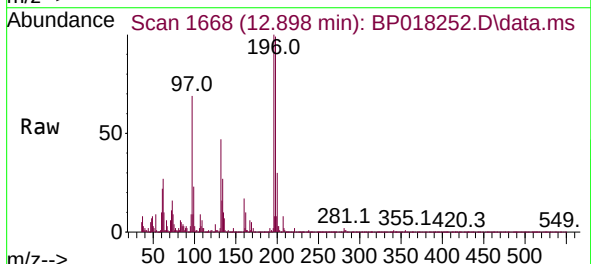
Instrument :
BNA_M
ClientSampleId :

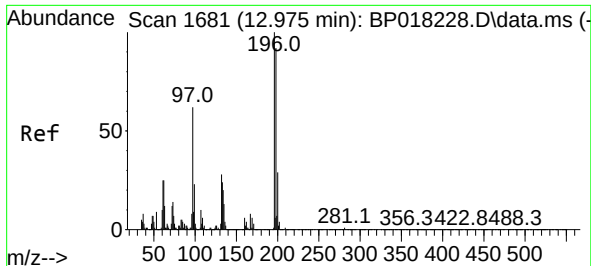
Tgt Ion:237	Resp:	10848
Ion Ratio	Lower	Upper
237	100	
235	71.3	49.9 74.9
272	13.0	8.9 13.3



#41
2,4,6-Trichlorophenol
Concen: 6.909 ng/ul
RT: 12.898 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:196	Resp:	26842
Ion Ratio	Lower	Upper
196	100	
198	99.0	78.9 118.3
200	30.5	25.8 38.8

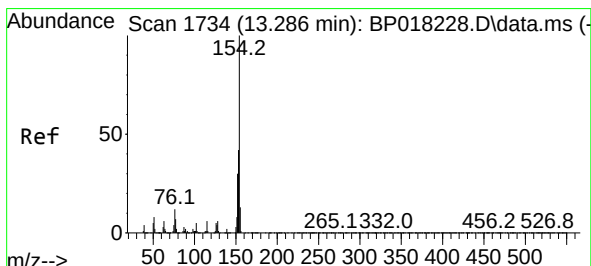
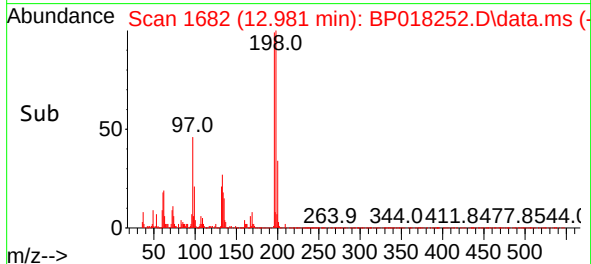
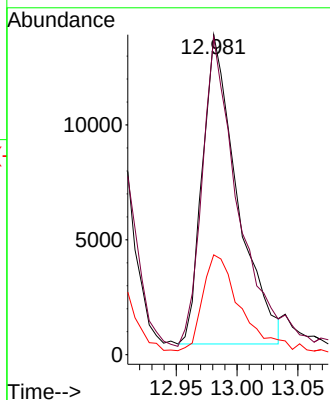
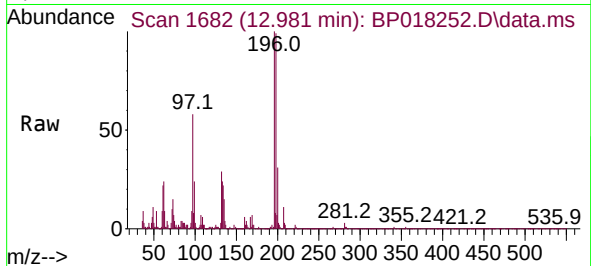




#42
2,4,5-Trichlorophenol
Concen: 6.565 ng/ul
RT: 12.981 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

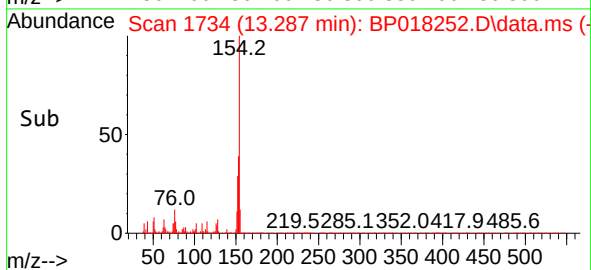
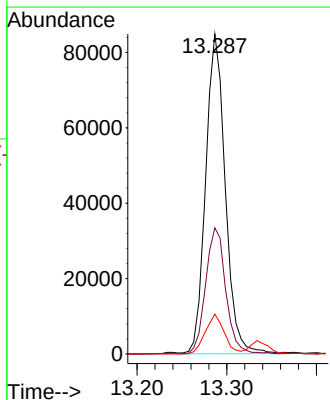
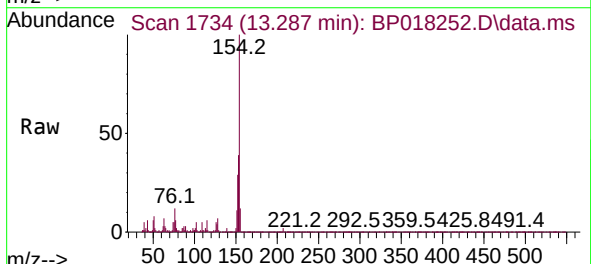
Instrument :
BNA_M
ClientSampleId :

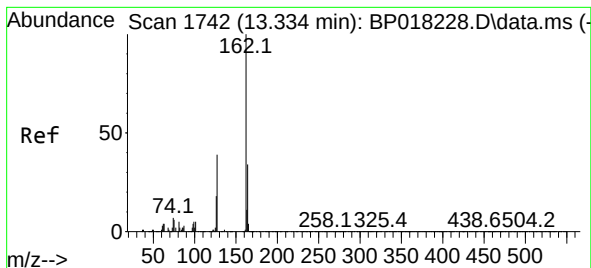
Tgt Ion:196 Resp: 26840
Ion Ratio Lower Upper
196 100
198 99.2 78.9 118.3
200 31.2 26.6 40.0



#43
1,1'-Biphenyl
Concen: 8.640 ng/ul
RT: 13.287 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:154 Resp: 128797
Ion Ratio Lower Upper
154 100
153 39.4 32.4 48.6
76 12.4 9.8 14.8





#44

2-Chloronaphthalene

Concen: 8.488 ng/ul

RT: 13.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

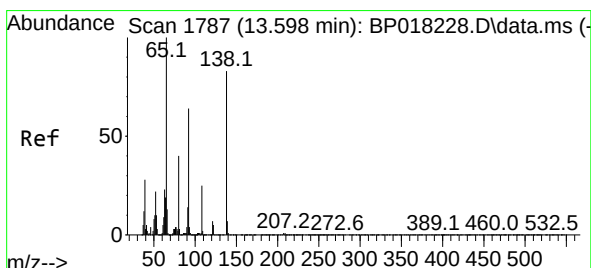
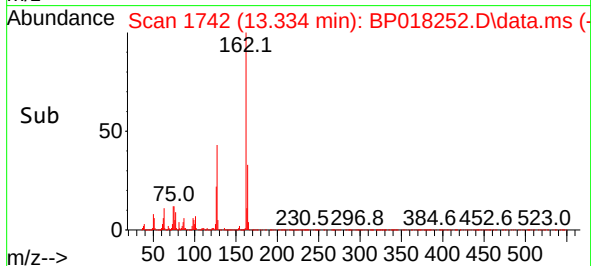
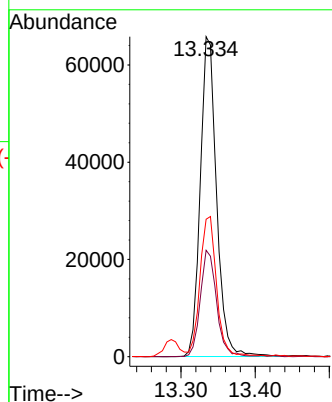
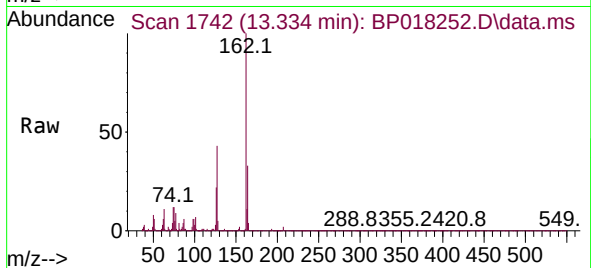
Tgt Ion:162 Resp: 100451

Ion Ratio Lower Upper

162 100

164 33.2 26.9 40.3

127 43.0 35.4 53.2



#45

2-Nitroaniline

Concen: 7.697 ng/ul

RT: 13.604 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

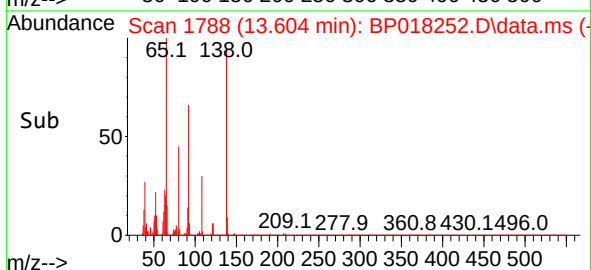
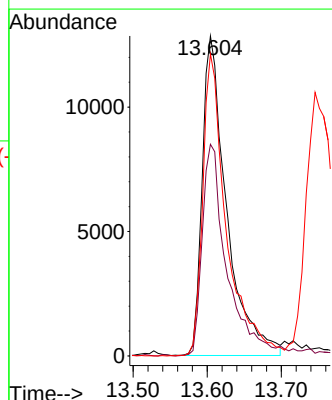
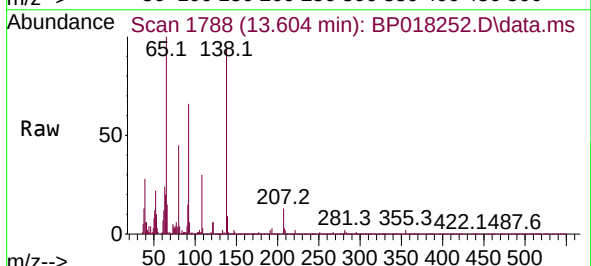
Tgt Ion: 65 Resp: 29397

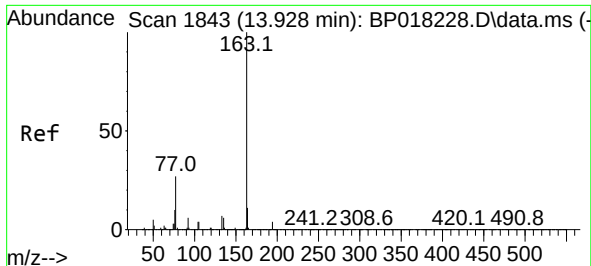
Ion Ratio Lower Upper

65 100

92 66.2 53.8 80.6

138 94.4 75.1 112.7

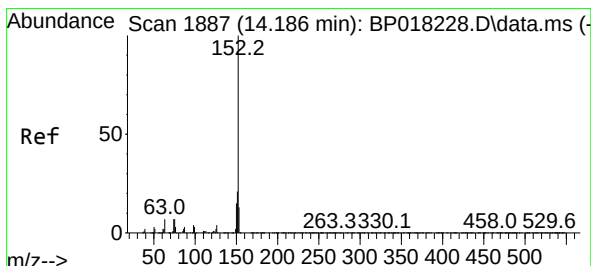
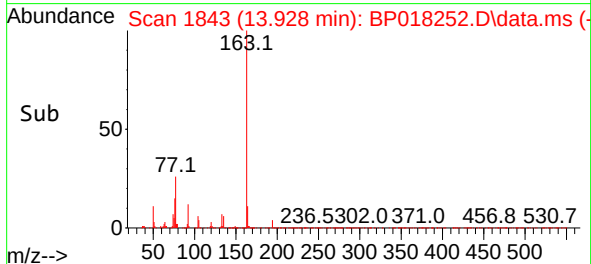
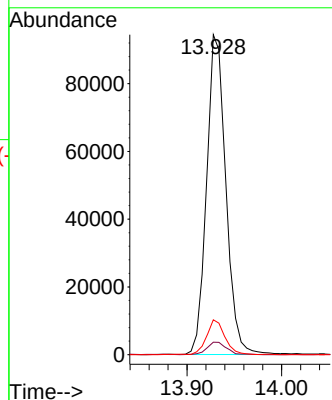
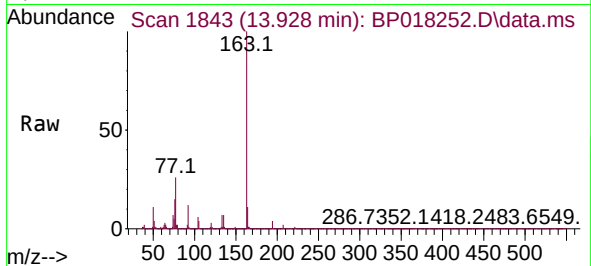




#47
Dimethylphthalate
Concen: 8.419 ng/ul
RT: 13.928 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

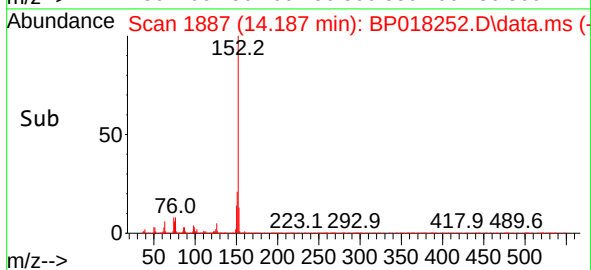
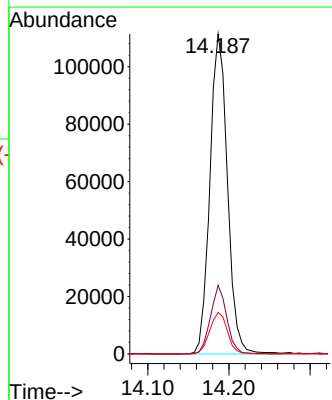
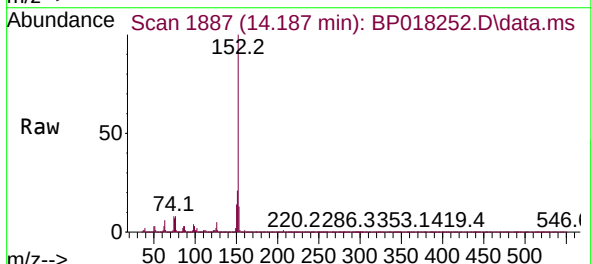
Instrument :
BNA_M
ClientSampleId :

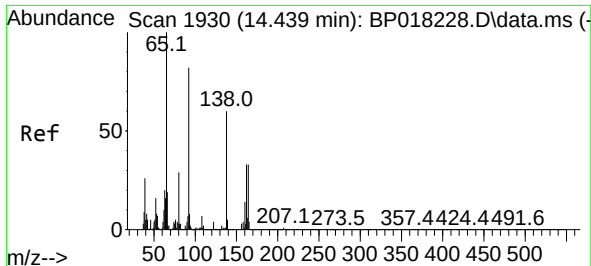
Tgt Ion:163 Resp: 133580
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.9 8.0 12.0



#50
Acenaphthylene
Concen: 8.391 ng/ul
RT: 14.187 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:152 Resp: 166896
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 13.0 10.4 15.6

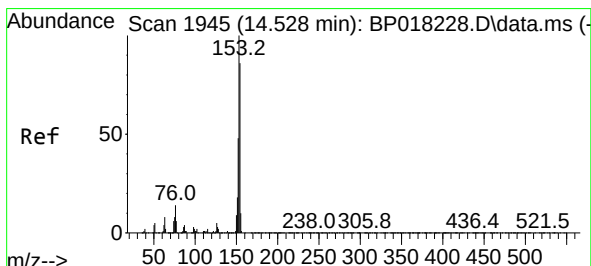
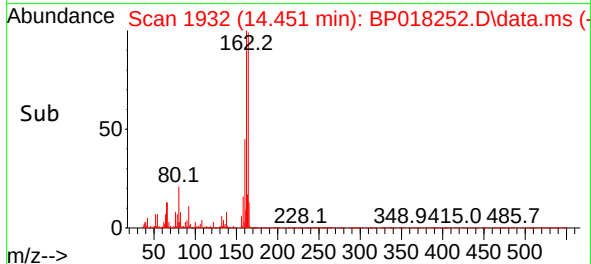
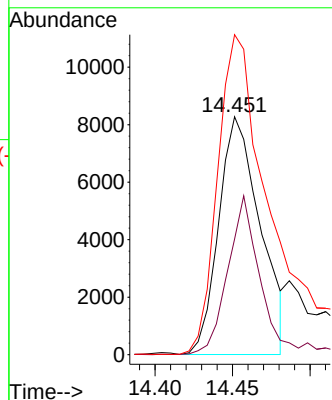
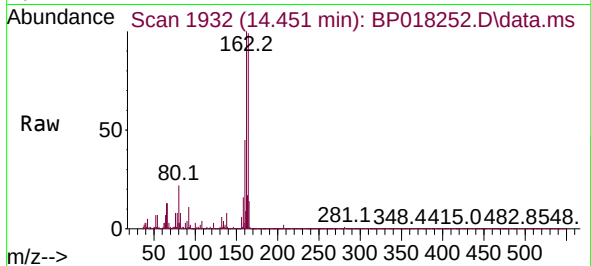




#51
3-Nitroaniline
Concen: 5.269 ng/ul
RT: 14.451 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

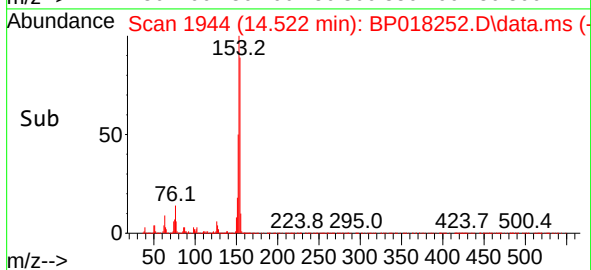
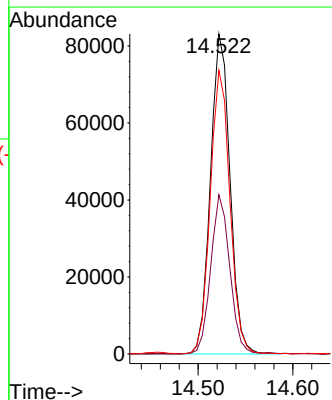
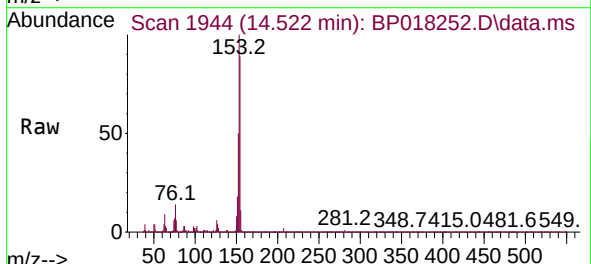
Instrument :
BNA_M
ClientSampleId :

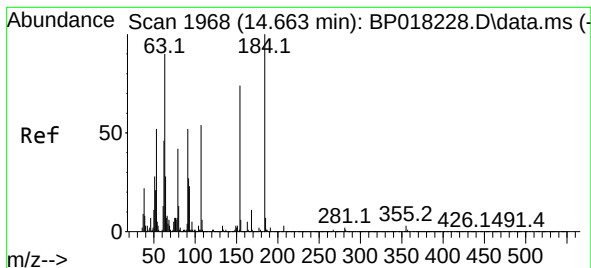
Tgt Ion:138 Resp: 15420
Ion Ratio Lower Upper
138 100
108 48.6 8.3 12.5#
92 134.5 99.0 148.4



#52
Acenaphthene
Concen: 9.039 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:153 Resp: 119218
Ion Ratio Lower Upper
153 100
152 49.8 39.0 58.6
154 88.6 71.0 106.4

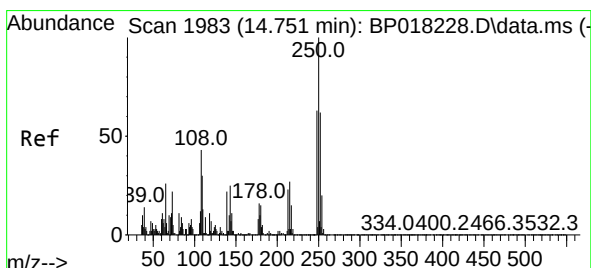
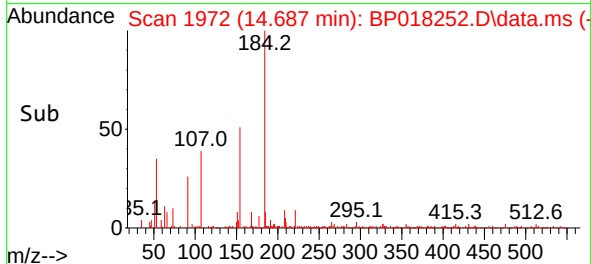
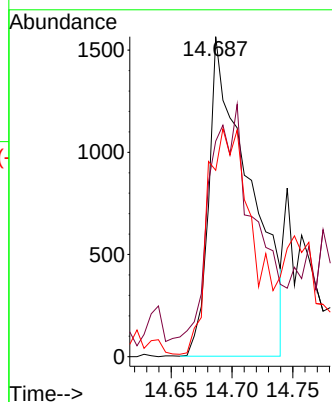
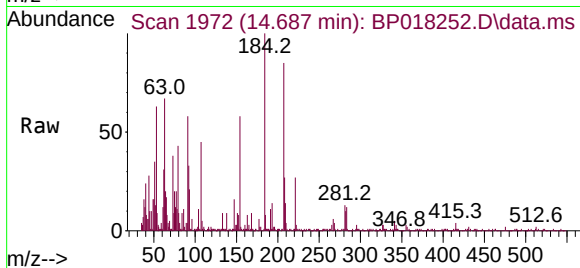




#53
2,4-Dinitrophenol
Concen: 2.105 ng/ul
RT: 14.687 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

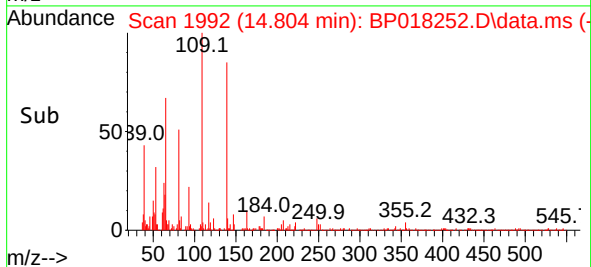
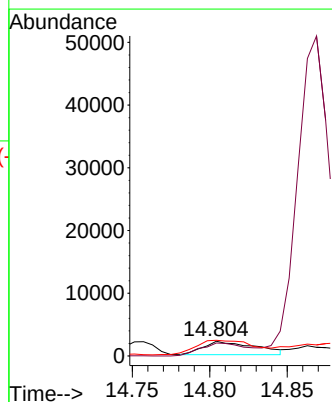
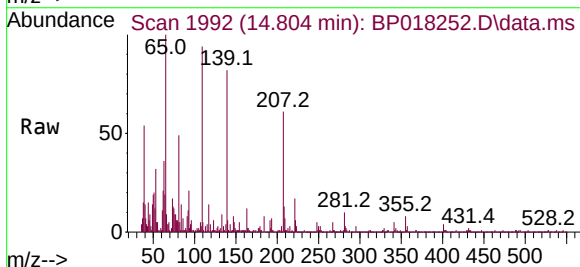
Instrument :
BNA_M
ClientSampleId :

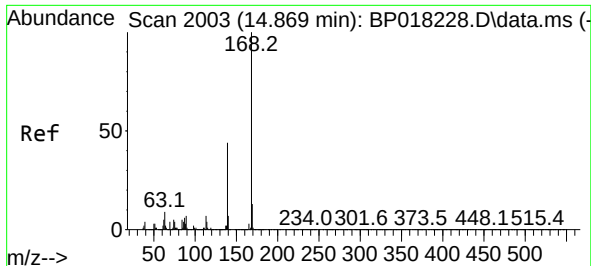
Tgt Ion:184 Resp: 3622
Ion Ratio Lower Upper
184 100
63 67.4 67.7 101.5#
154 58.2 60.2 90.4#



#55
4-Nitrophenol
Concen: 1.549 ng/ul
RT: 14.804 min Scan# 1992
Delta R.T. 0.053 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:109 Resp: 4971
Ion Ratio Lower Upper
109 100
139 87.7 74.9 112.3
65 106.5 93.8 140.6

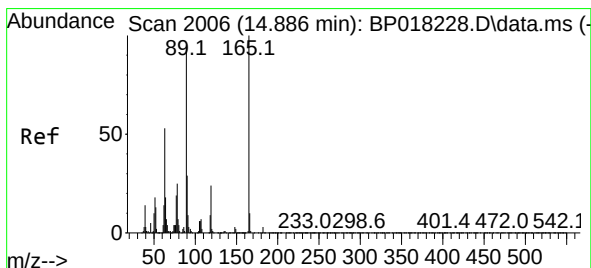
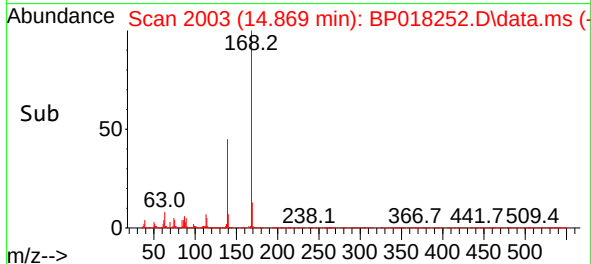
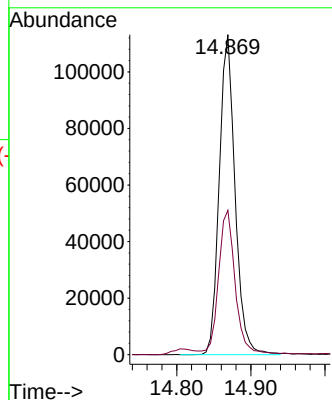
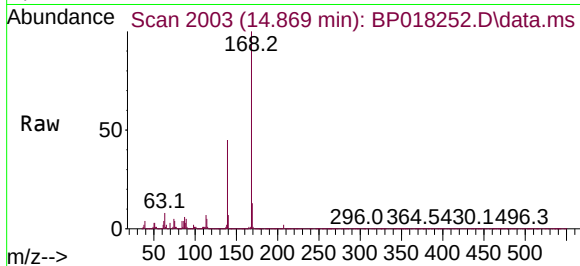




#56
Dibenzofuran
Concen: 9.280 ng/ul
RT: 14.869 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

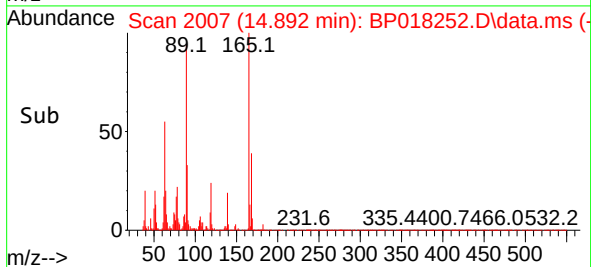
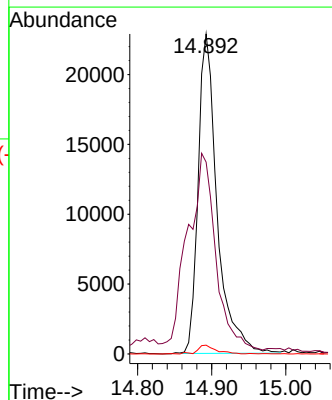
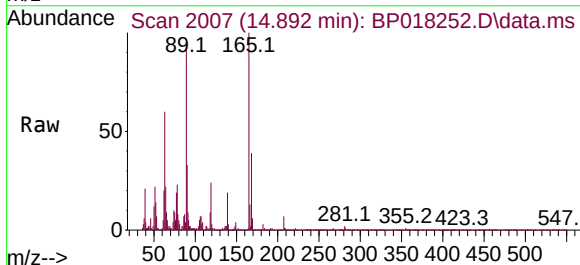
Instrument :
BNA_M
ClientSampleId :

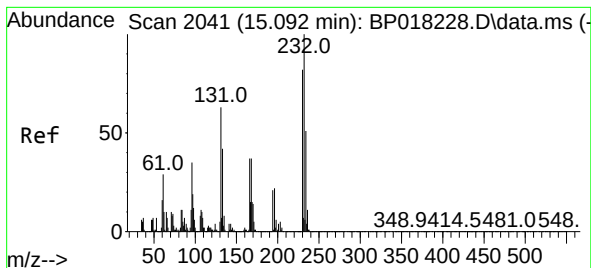
Tgt Ion:168 Resp: 167728
Ion Ratio Lower Upper
168 100
139 45.1 34.0 51.0



#57
2,4-Dinitrotoluene
Concen: 8.641 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:165 Resp: 40715
Ion Ratio Lower Upper
165 100
63 60.0 48.6 72.8
182 2.8 2.1 3.1

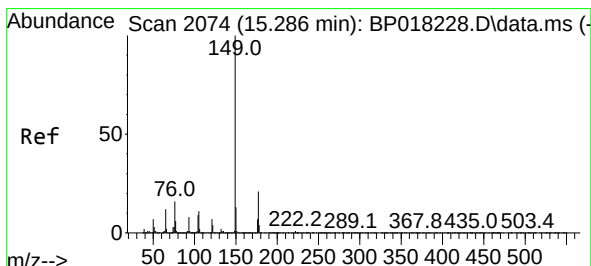
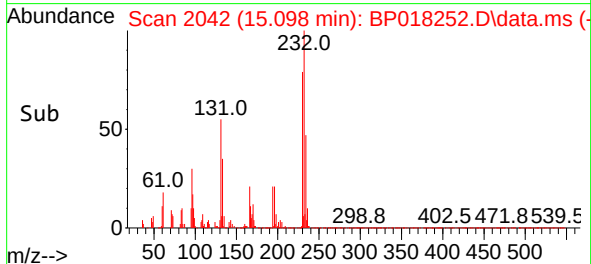
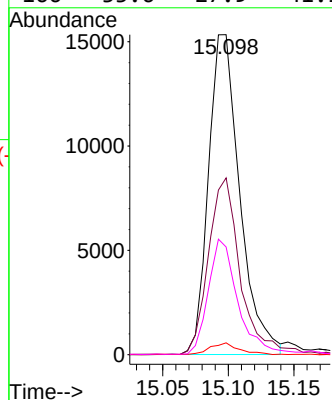
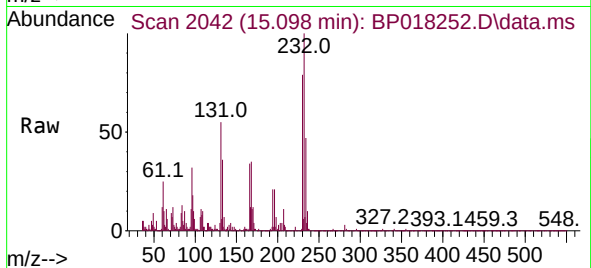




#58
2,3,4,6-Tetrachlorophenol
Concen: 7.015 ng/ul
RT: 15.098 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

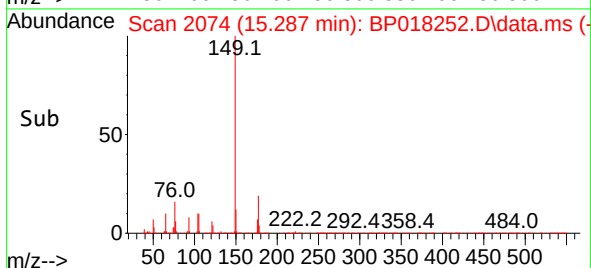
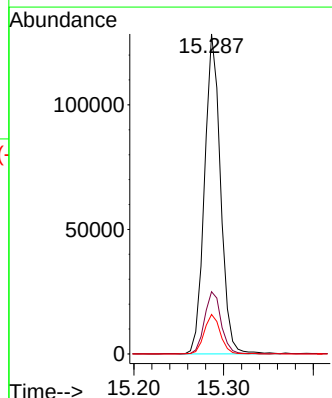
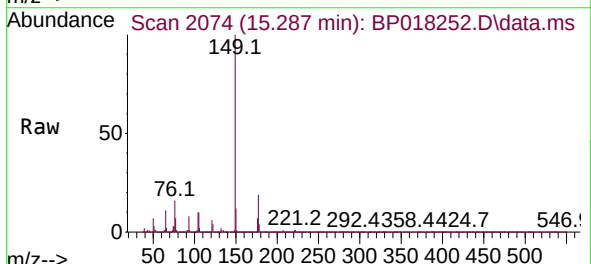
Instrument :
BNA_M
ClientSampleId :

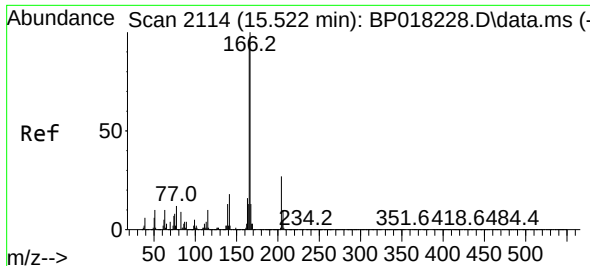
Tgt Ion:232	Resp:	25514
Ion Ratio	Lower	Upper
232	100	
131	55.3	44.1 66.1
130	3.7	2.5 3.7
166	33.6	27.9 41.9



#59
Diethylphthalate
Concen: 9.589 ng/ul
RT: 15.287 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:149	Resp:	158957
Ion Ratio	Lower	Upper
149	100	
177	19.5	16.3 24.5
150	12.4	10.0 15.0

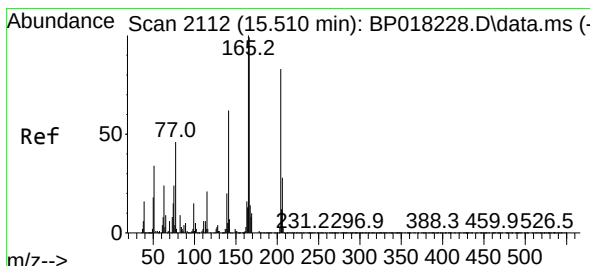
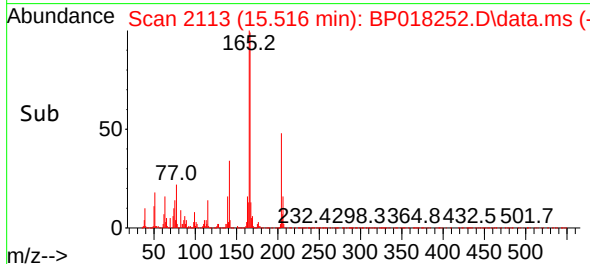
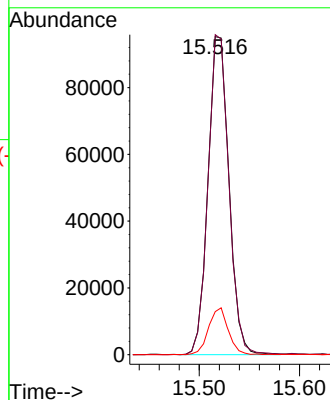
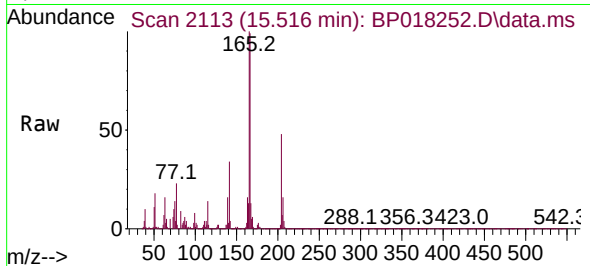




#61
Fluorene
Concen: 9.042 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

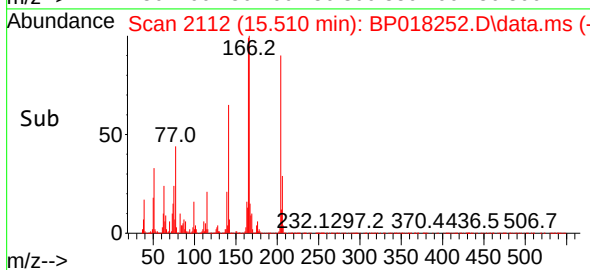
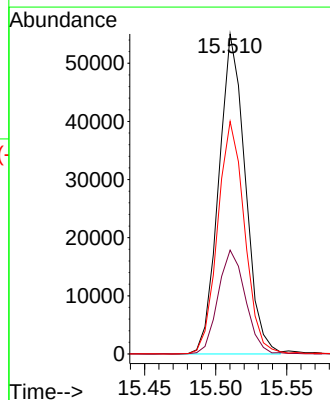
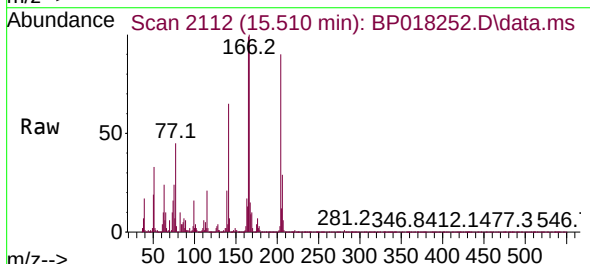
Instrument :
BNA_M
ClientSampleId :

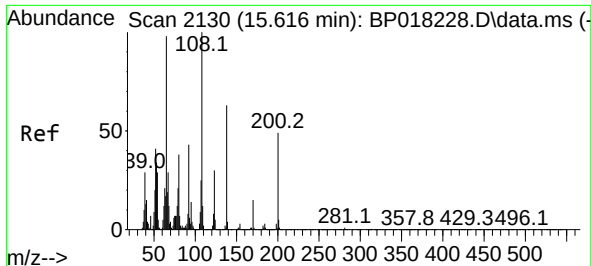
Tgt Ion:166 Resp: 138752
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 13.5 10.6 16.0



#62
4-Chlorophenyl-phenylether
Concen: 9.492 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:204 Resp: 71379
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 72.7 56.0 84.0

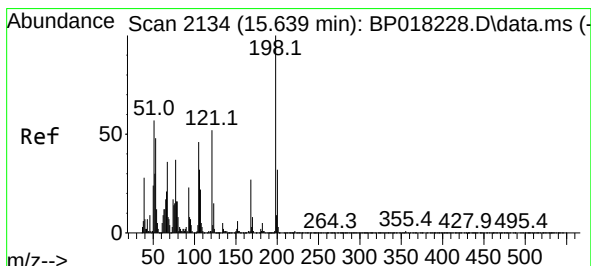
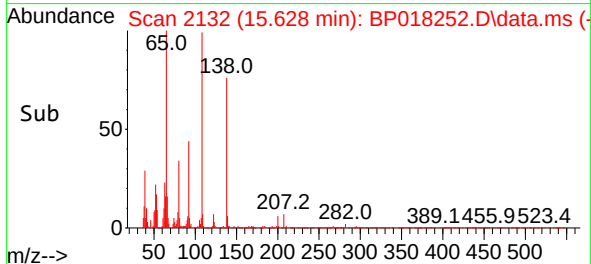
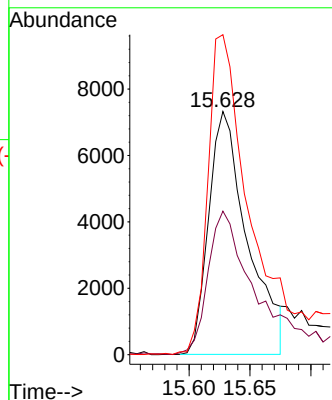
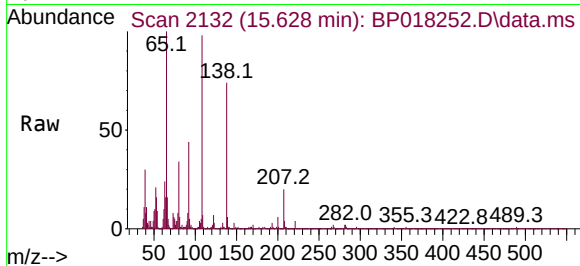




#63
4-Nitroaniline
Concen: 5.871 ng/ul
RT: 15.628 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

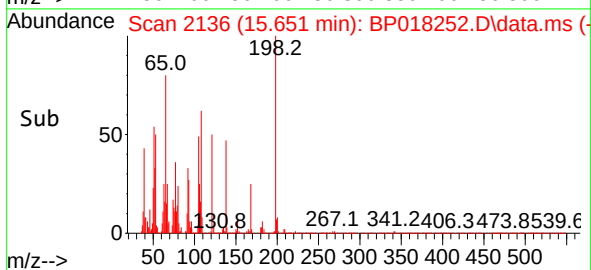
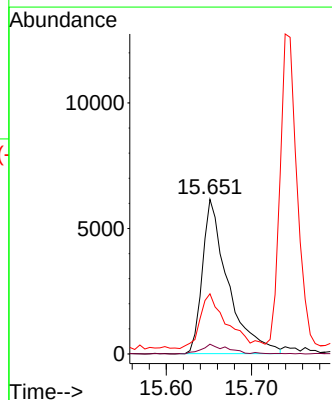
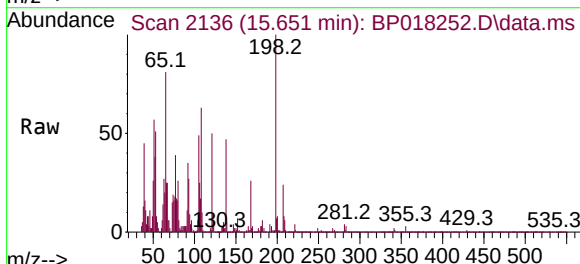
Instrument :
BNA_M
ClientSampleId :

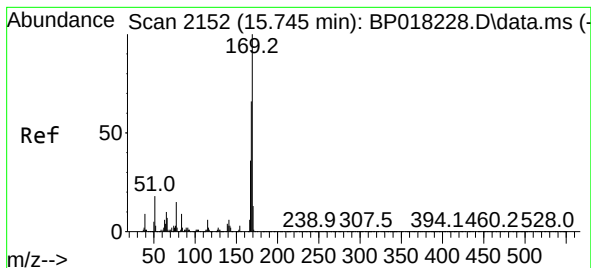
Tgt Ion:138 Resp: 16213
Ion Ratio Lower Upper
138 100
92 59.0 46.6 70.0
108 131.6 104.7 157.1



#66
4,6-Dinitro-2-methylphenol
Concen: 4.347 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:198 Resp: 12846
Ion Ratio Lower Upper
198 100
182 6.3 3.8 5.6#
77 38.9 27.2 40.8





#67

N-Nitrosodiphenylamine

Concen: 9.263 ng/ul

RT: 15.745 min Scan# 2152

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

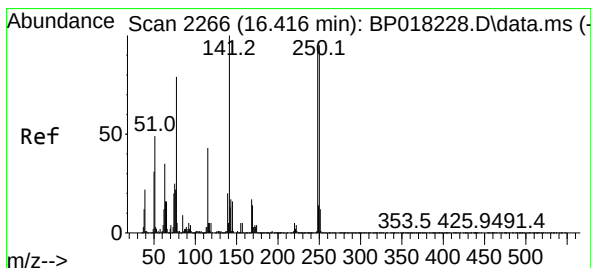
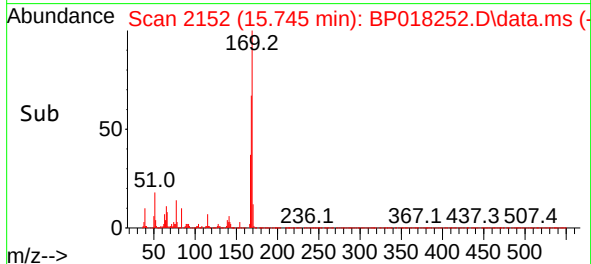
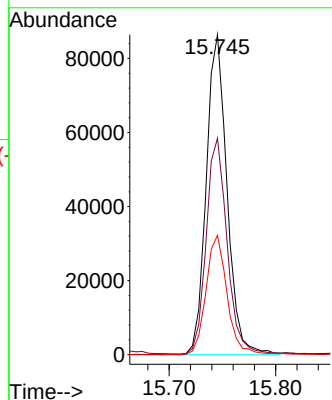
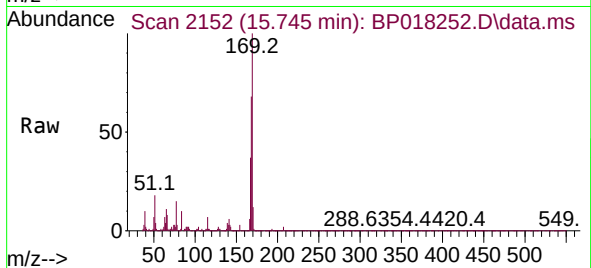
Tgt Ion:169 Resp: 117042

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.8

167 37.3 29.8 44.6



#68

4-Bromophenyl-phenylether

Concen: 9.615 ng/ul

RT: 16.416 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

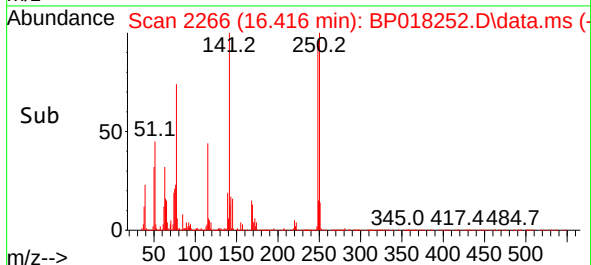
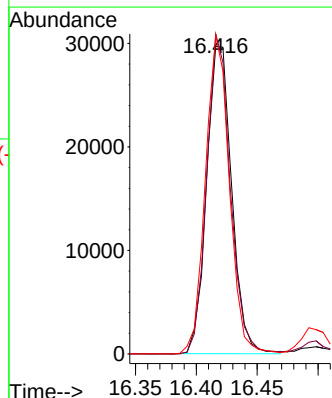
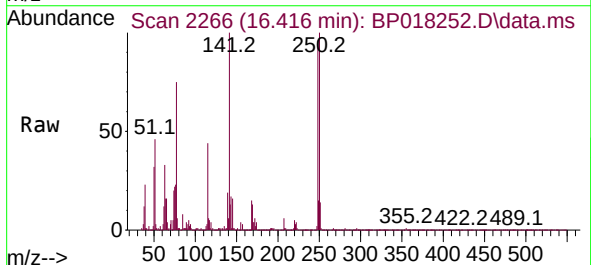
Tgt Ion:248 Resp: 42694

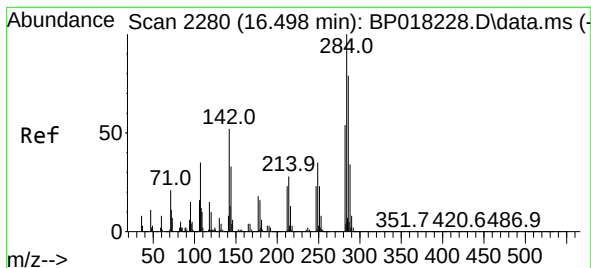
Ion Ratio Lower Upper

248 100

250 104.0 72.7 109.1

141 103.6 70.4 105.6





#69

Hexachlorobenzene

Concen: 9.841 ng/ul

RT: 16.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP018252.D

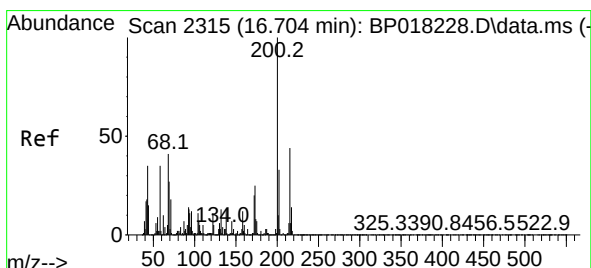
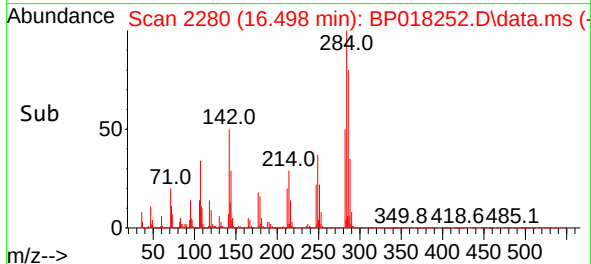
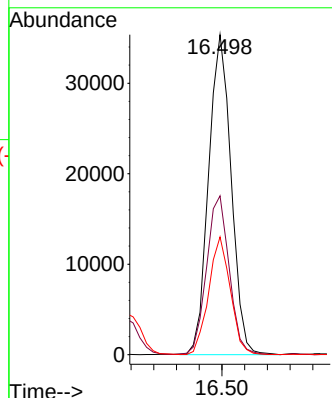
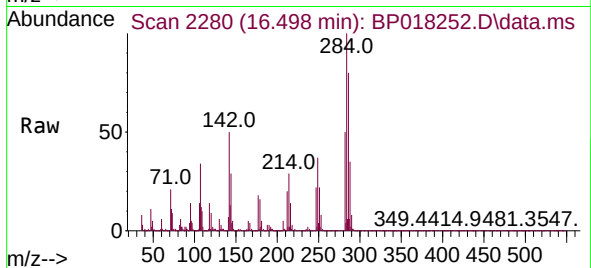
Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:284	Resp:	48762
Ion Ratio	Lower	Upper
284	100	
142	49.6	38.9 58.3
249	36.8	28.6 43.0



#70

Atrazine

Concen: 9.353 ng/ul

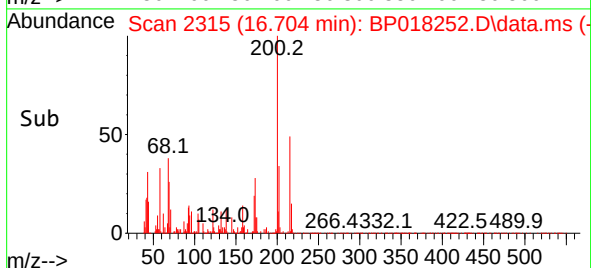
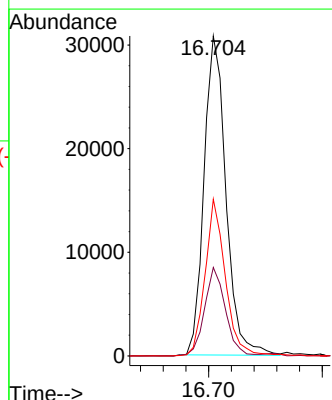
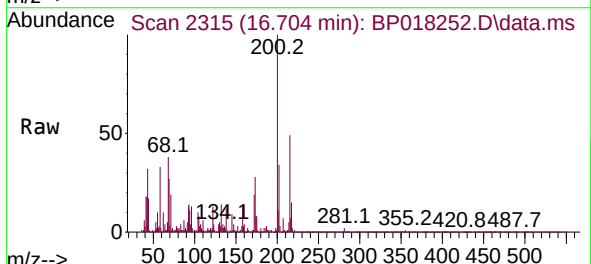
RT: 16.704 min Scan# 2315

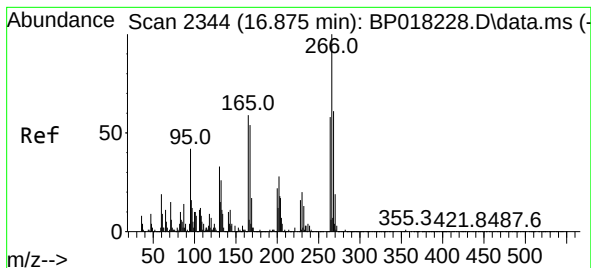
Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Tgt Ion:200	Resp:	41225
Ion Ratio	Lower	Upper
200	100	
173	27.6	20.2 30.2
215	49.0	37.8 56.8





#71

Pentachlorophenol

Concen: 4.196 ng/ul

RT: 16.881 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

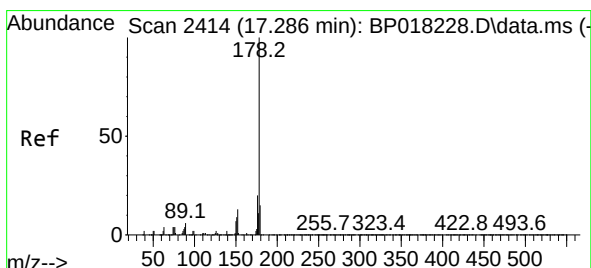
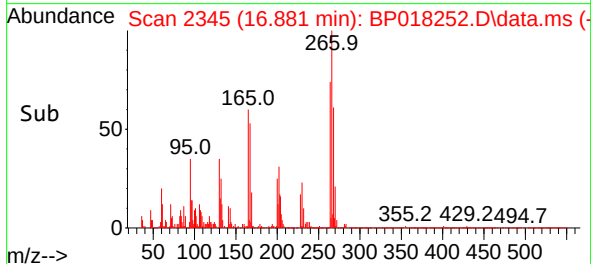
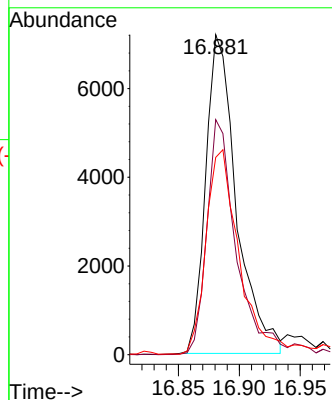
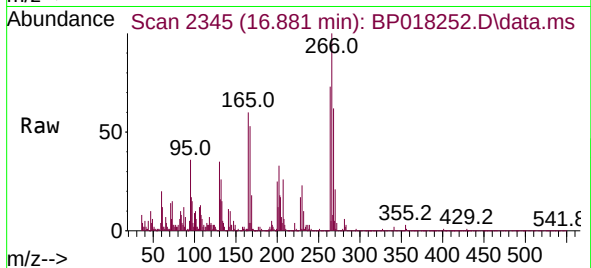
Tgt Ion:266 Resp: 12620

Ion Ratio Lower Upper

266 100

264 73.5 50.7 76.1

268 61.6 52.4 78.6



#72

Phenanthrene

Concen: 9.715 ng/ul

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

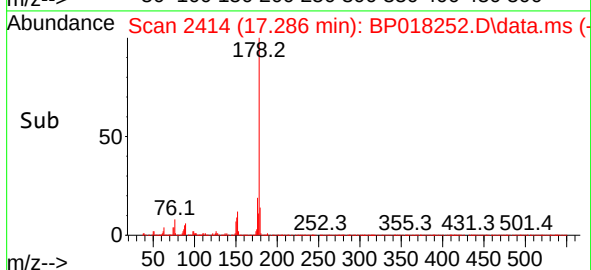
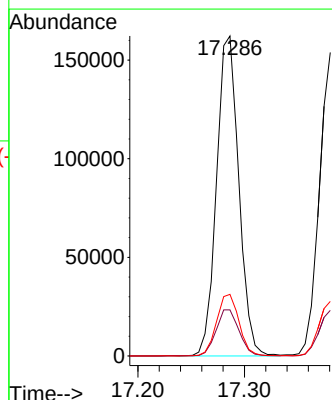
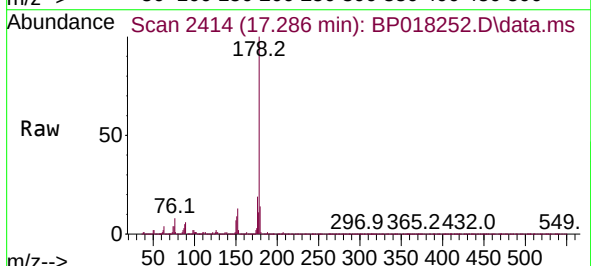
Tgt Ion:178 Resp: 235010

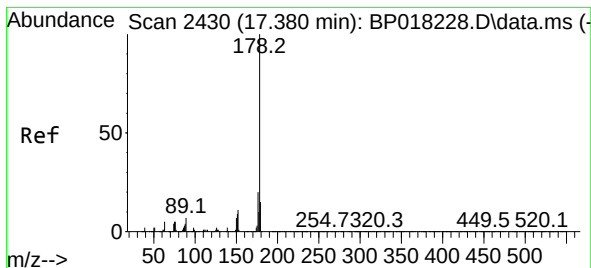
Ion Ratio Lower Upper

178 100

179 14.4 12.0 18.0

176 19.3 15.5 23.3





#74

Anthracene

Concen: 9.416 ng/u1

RT: 17.381 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

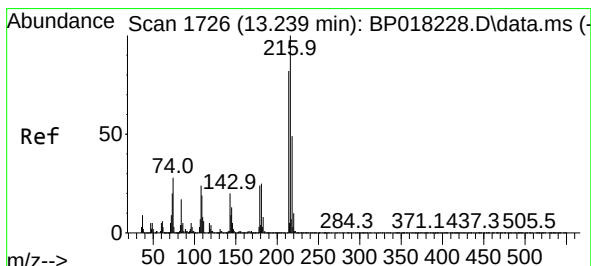
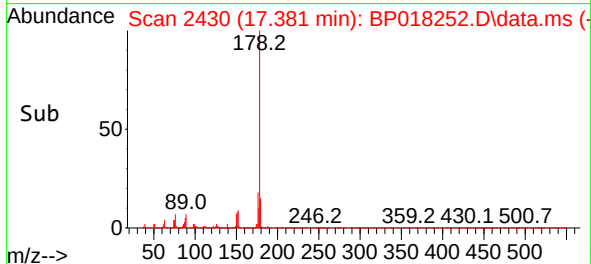
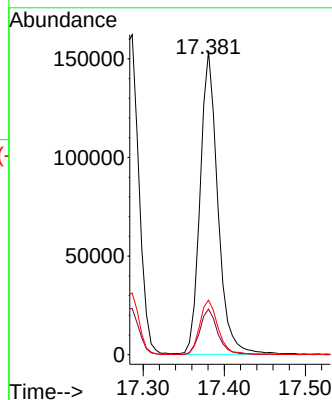
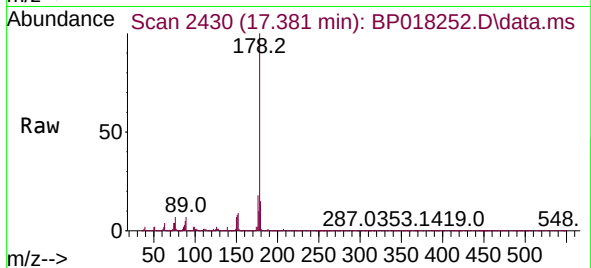
Tgt Ion:178 Resp: 232441

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

176 18.0 15.4 23.0



#75

1,2,3,4-Tetrachlorobenzene

Concen: 9.046 ng/uL

RT: 13.240 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

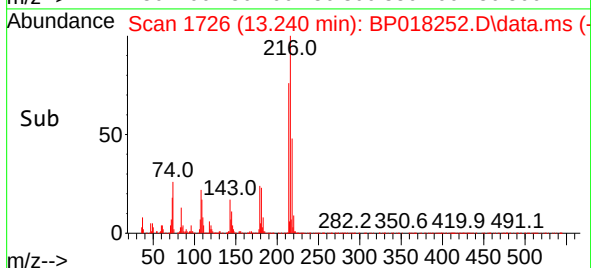
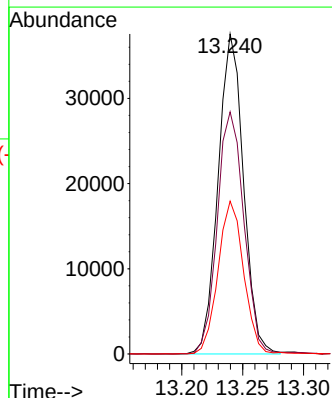
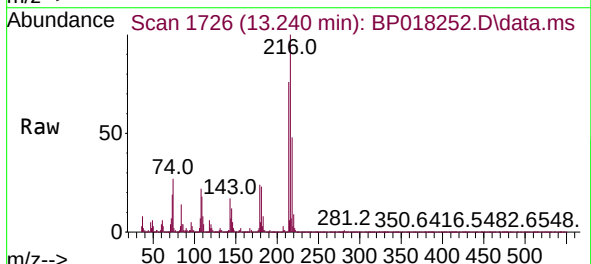
Tgt Ion:216 Resp: 54424

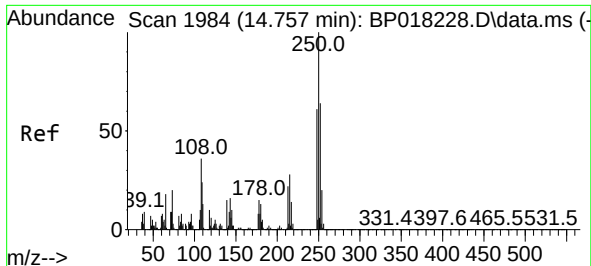
Ion Ratio Lower Upper

216 100

214 75.6 64.0 96.0

218 47.8 39.0 58.4

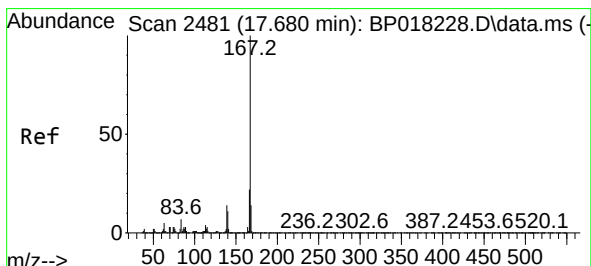
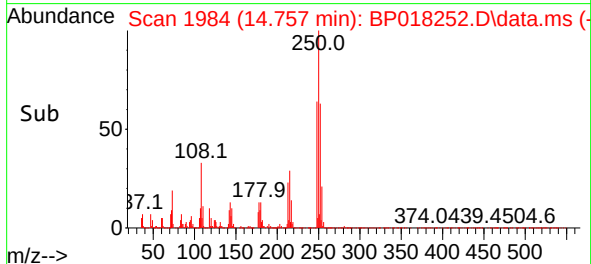
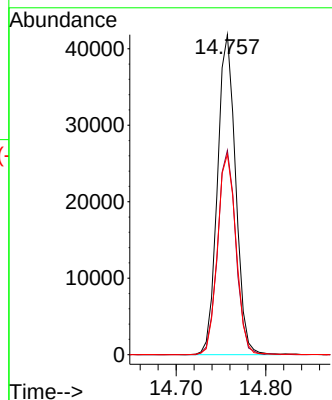
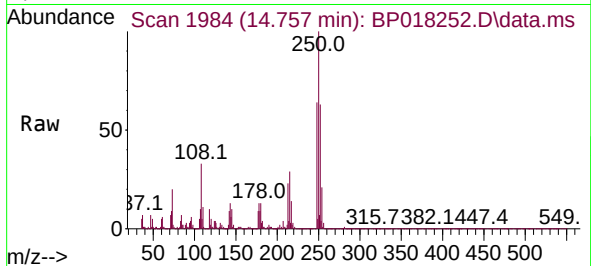




#76
Pentachlorobenzene
Concen: 9.977 ng/uL
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

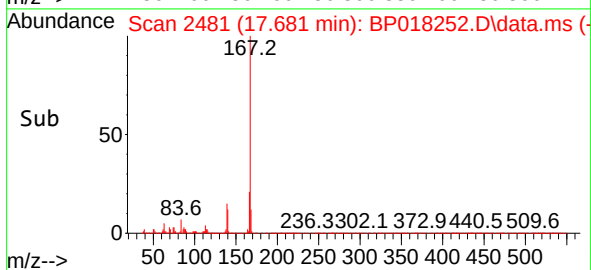
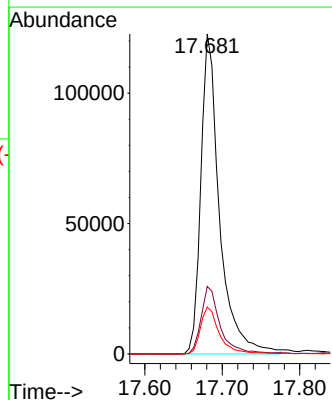
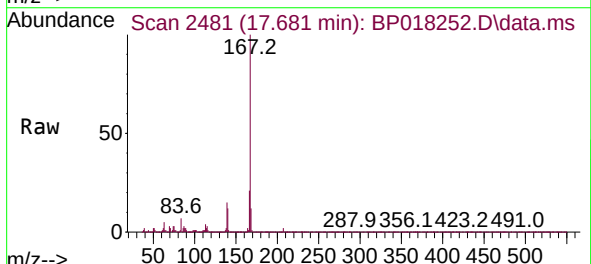
Instrument :
BNA_M
ClientSampleId :

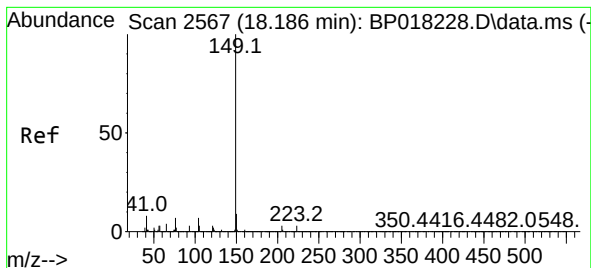
Tgt Ion:250 Resp: 58765
Ion Ratio Lower Upper
250 100
248 63.8 52.7 79.1
252 62.6 52.3 78.5



#77
Carbazole
Concen: 9.579 ng/uL
RT: 17.681 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:167 Resp: 205337
Ion Ratio Lower Upper
167 100
166 21.1 17.6 26.4
139 14.6 11.4 17.0





#78

Di-n-butylphthalate

Concen: 10.152 ng/ul

RT: 18.186 min Scan# 2567

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

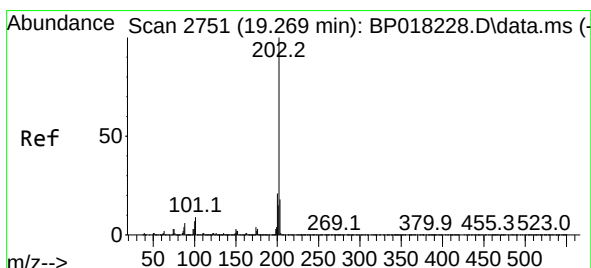
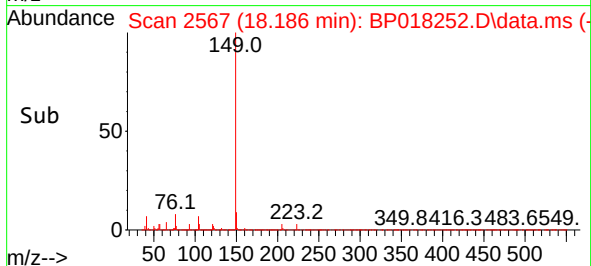
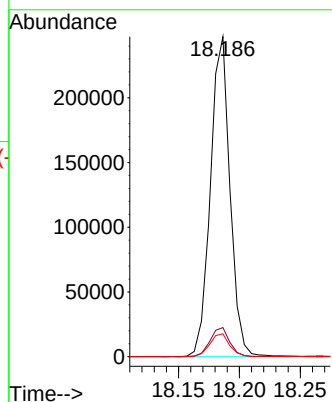
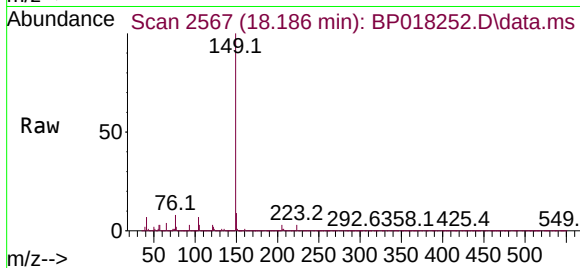
Tgt Ion:149 Resp: 276131

Ion Ratio Lower Upper

149 100

150 9.1 6.7 10.1

104 7.2 5.1 7.7



#80

Fluoranthene

Concen: 9.350 ng/ul

RT: 19.275 min Scan# 2752

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

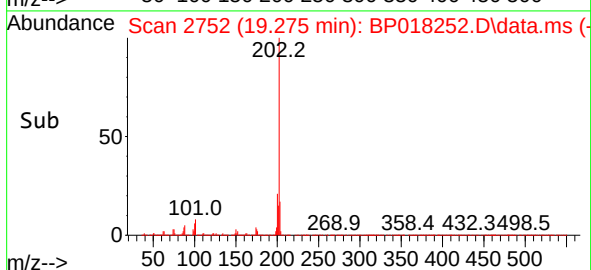
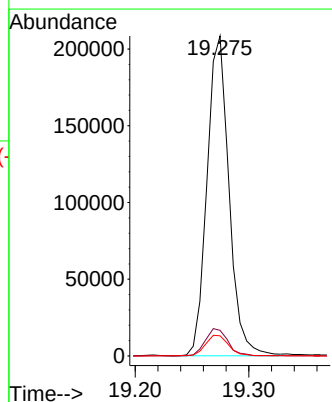
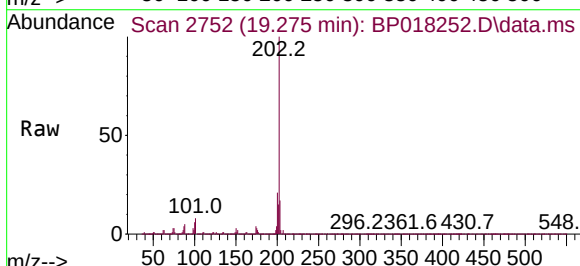
Tgt Ion:202 Resp: 279802

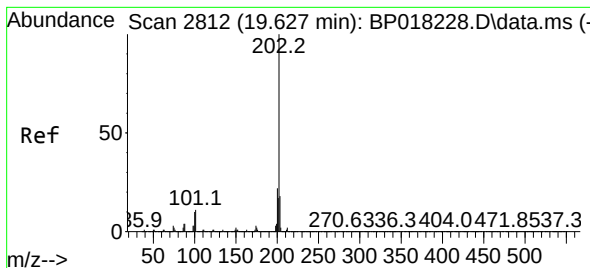
Ion Ratio Lower Upper

202 100

101 8.0 7.2 10.8

100 6.3 5.8 8.6





#82

Pyrene

Concen: 9.601 ng/ul

RT: 19.628 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

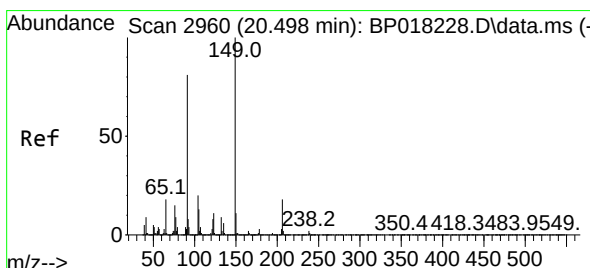
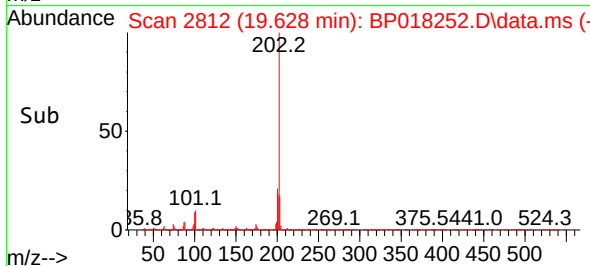
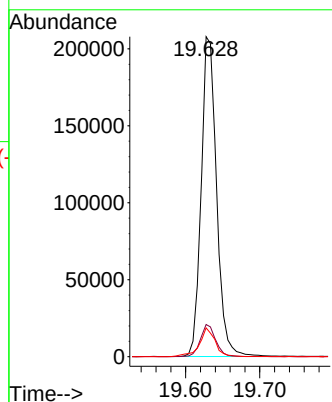
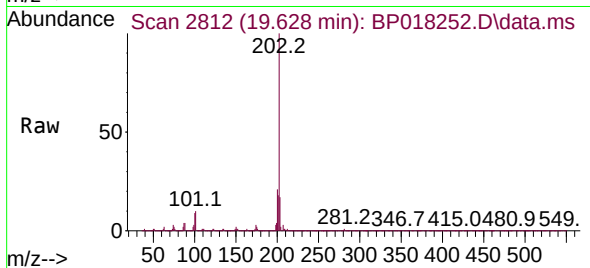
Tgt Ion:202 Resp: 301070

Ion Ratio Lower Upper

202 100

101 10.0 8.3 12.5

100 9.0 7.4 11.2



#83

Butylbenzylphthalate

Concen: 9.430 ng/ul

RT: 20.498 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

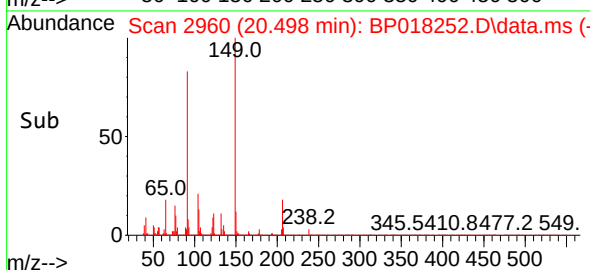
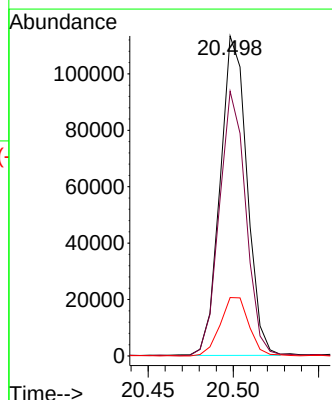
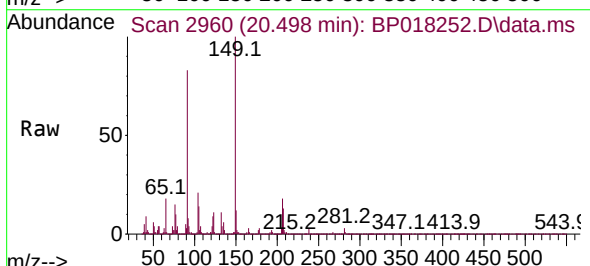
Tgt Ion:149 Resp: 124361

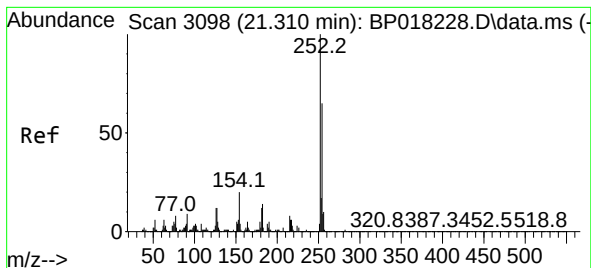
Ion Ratio Lower Upper

149 100

91 82.7 59.6 89.4

206 18.3 14.3 21.5

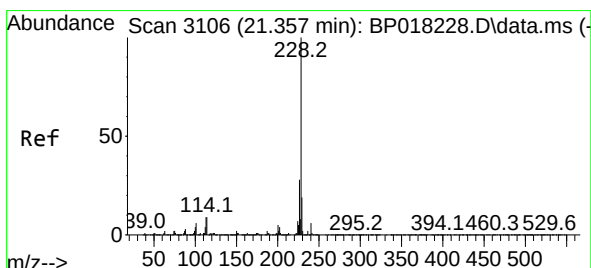
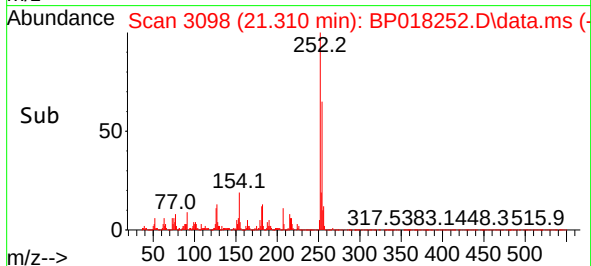
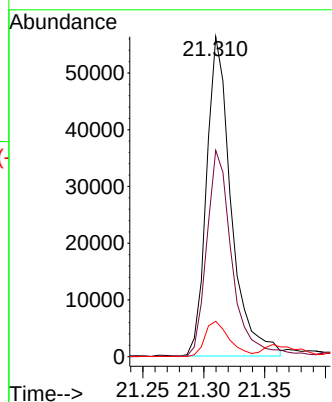
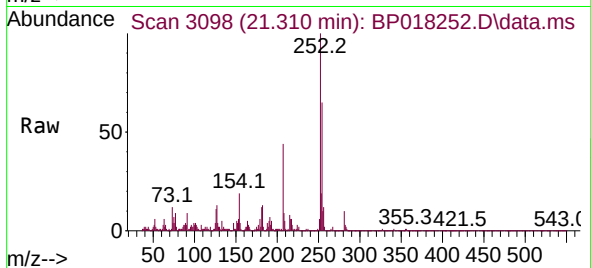




#84
3,3'-Dichlorobenzidine
Concen: 8.637 ng/ul
RT: 21.310 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

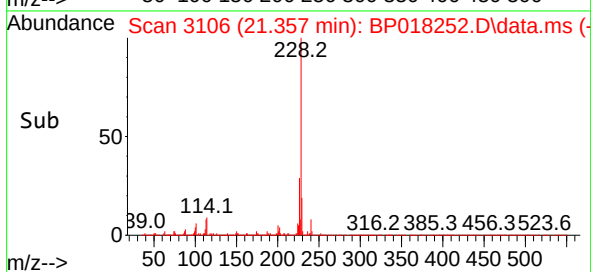
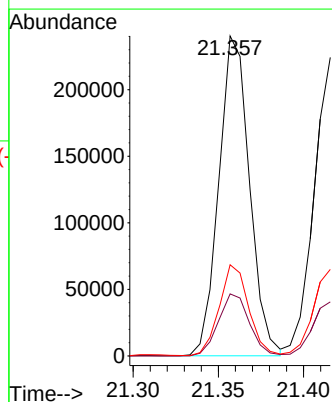
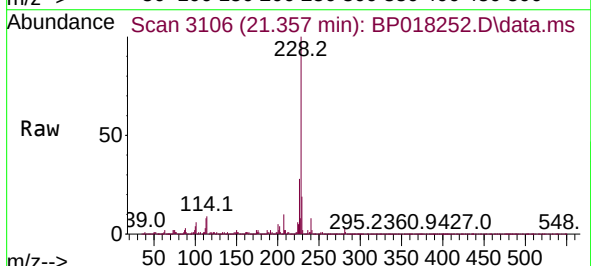
Instrument :
BNA_M
ClientSampleId :

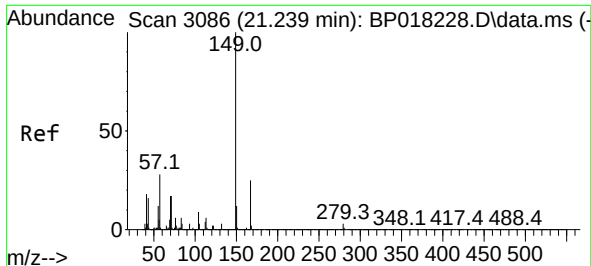
Tgt Ion:252	Resp:	79159
Ion Ratio	Lower	Upper
252	100	
254	64.5	48.9 73.3
126	11.0	9.4 14.0



#85
Benzo(a)anthracene
Concen: 9.705 ng/ul
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP018252.D
Acq: 18 Nov 2023 09:51

Tgt Ion:228	Resp:	300626
Ion Ratio	Lower	Upper
228	100	
229	19.4	15.4 23.0
226	28.5	21.4 32.0

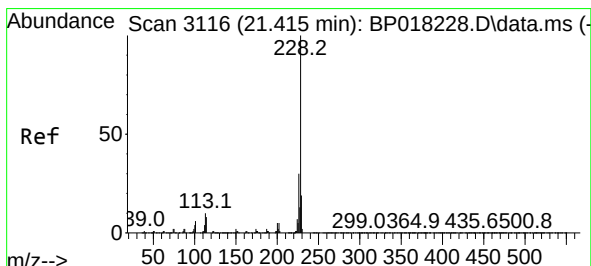
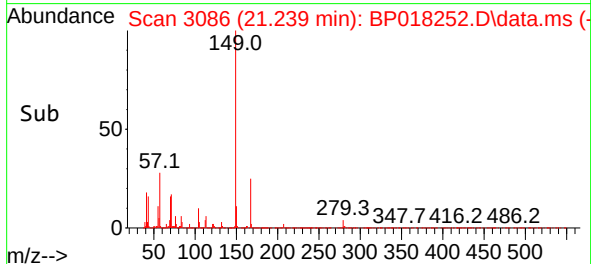
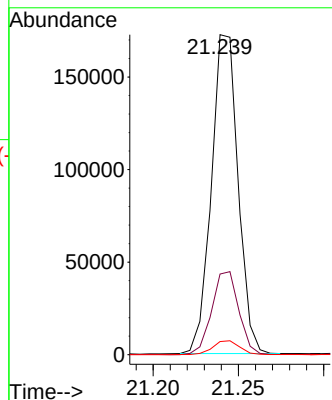
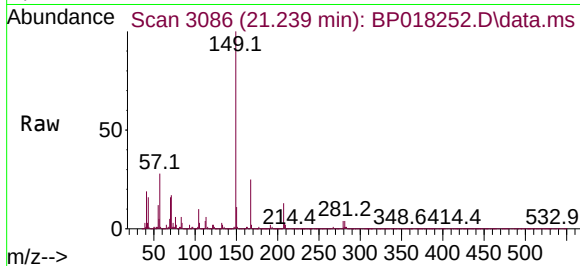




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 10.336 ng/ul
 RT: 21.239 min Scan# 3086
 Delta R.T. -0.006 min
 Lab File: BP018252.D
 Acq: 18 Nov 2023 09:51

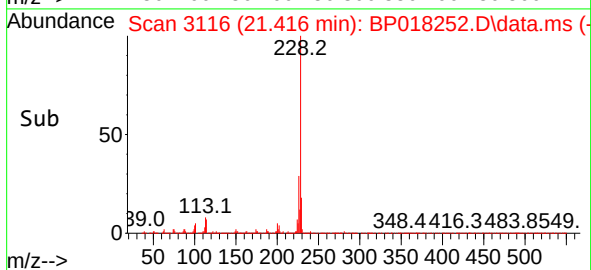
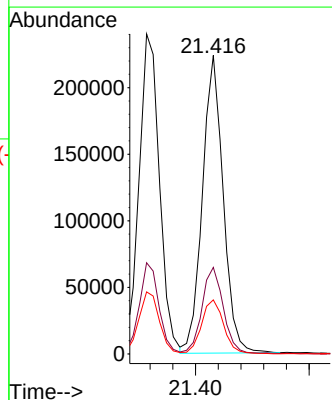
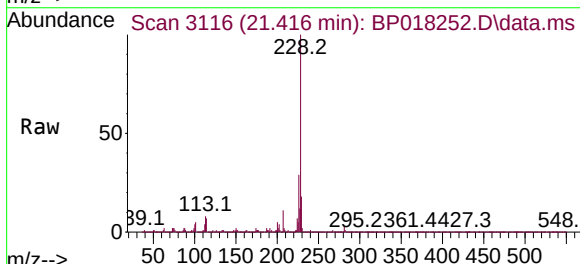
Instrument :
 BNA_M
 ClientSampleId :

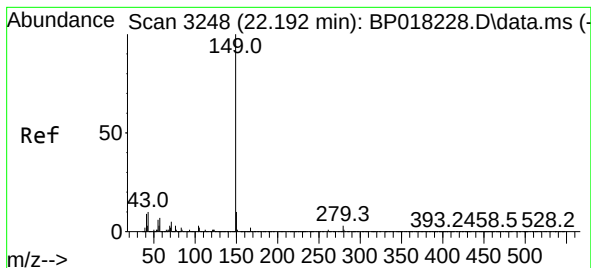
Tgt Ion:149 Resp: 187917
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.4
 279 4.1 3.2 4.8



#87
 Chrysene
 Concen: 9.799 ng/ul
 RT: 21.416 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: BP018252.D
 Acq: 18 Nov 2023 09:51

Tgt Ion:228 Resp: 283956
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.1 34.7
 229 18.1 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 9.972 ng/ul

RT: 22.198 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP018252.D

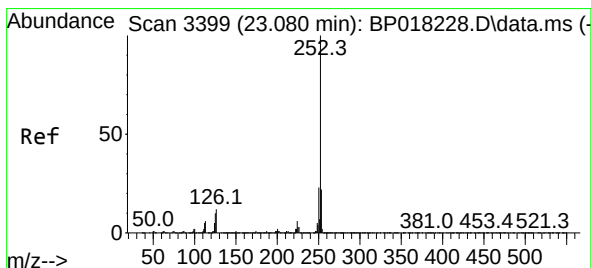
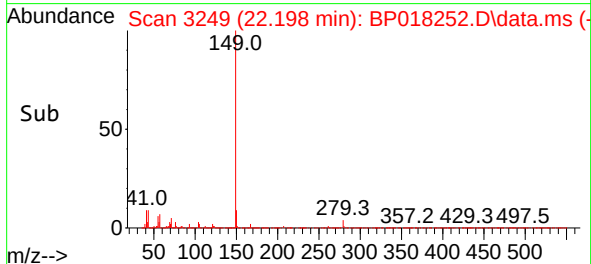
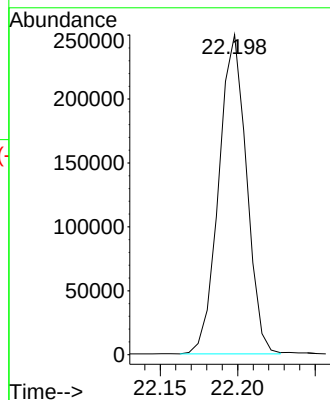
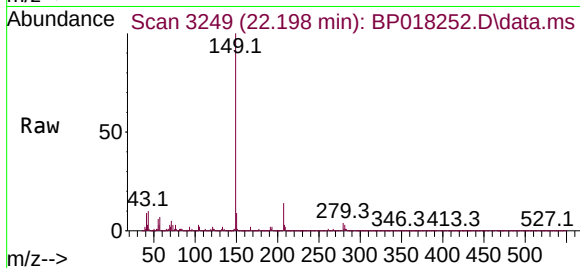
Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 310379



#90

Benzo(b)fluoranthene

Concen: 9.927 ng/ul

RT: 23.080 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

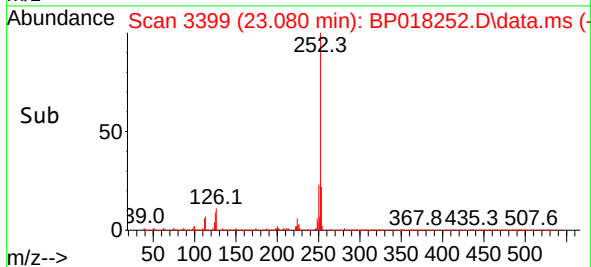
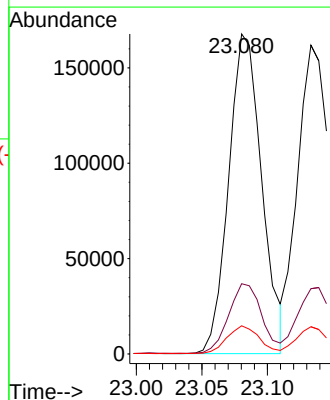
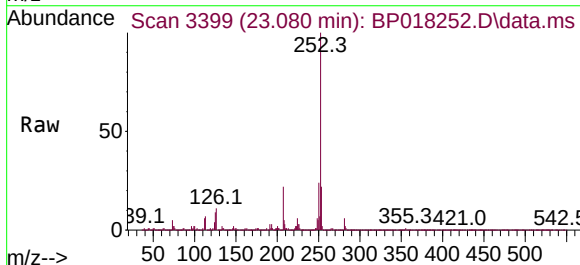
Tgt Ion:252 Resp: 294018

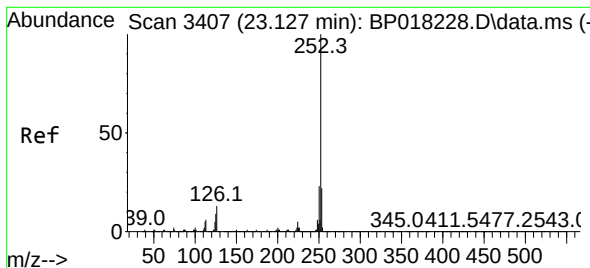
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 8.8 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 9.745 ng/ul

RT: 23.133 min Scan# 3407

Delta R.T. 0.000 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

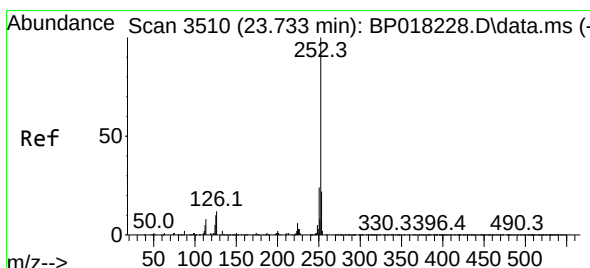
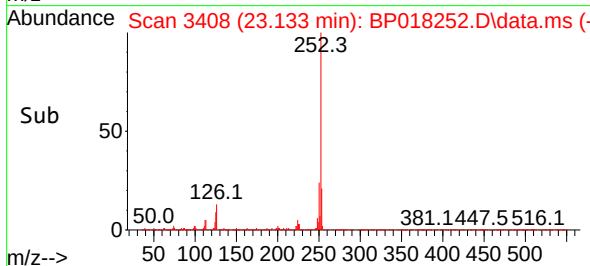
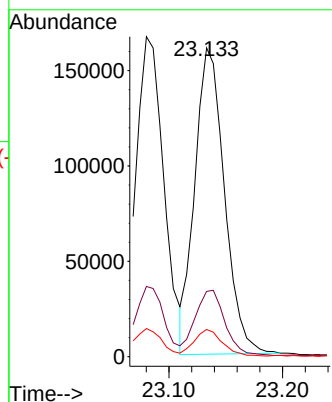
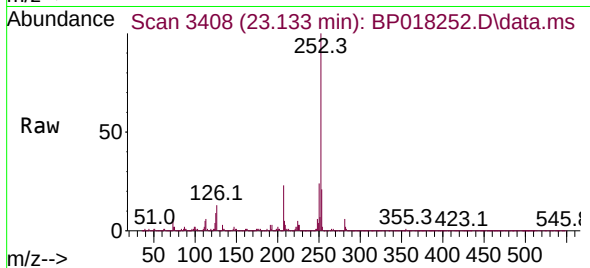
Tgt Ion:252 Resp: 290404

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 8.8 6.8 10.2



#93

Benzo(a)pyrene

Concen: 9.811 ng/ul

RT: 23.739 min Scan# 3511

Delta R.T. 0.006 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

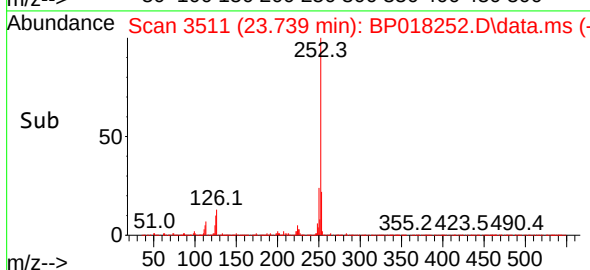
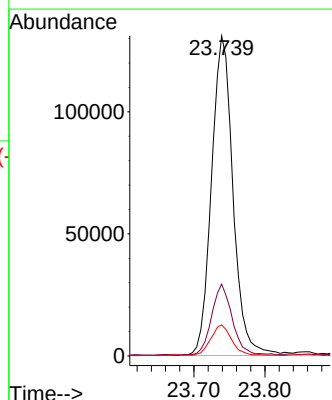
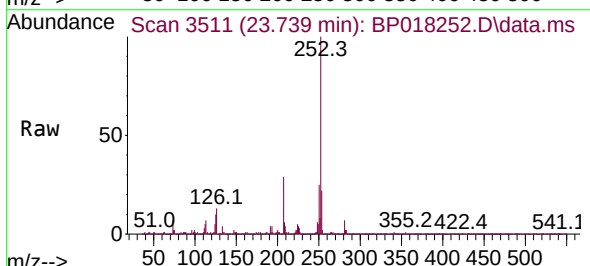
Tgt Ion:252 Resp: 274428

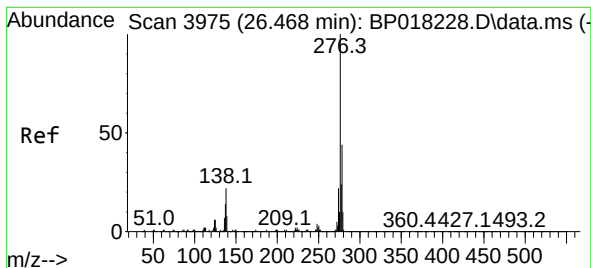
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 9.7 7.3 10.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.821 ng/ul

RT: 26.480 min Scan# 3975

Delta R.T. 0.018 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

Instrument :

BNA_M

ClientSampleId :

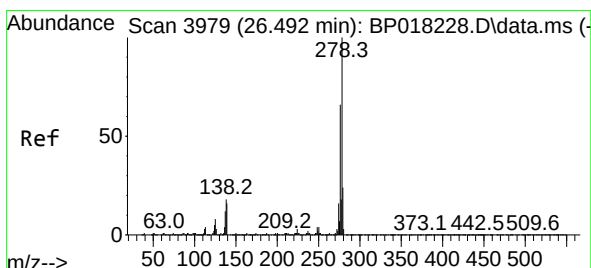
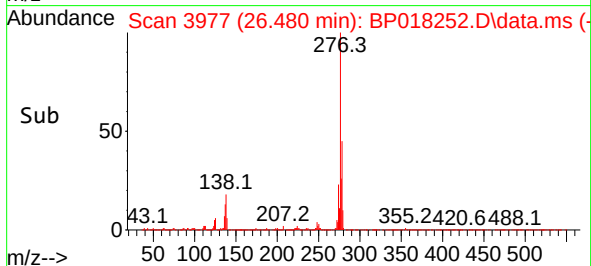
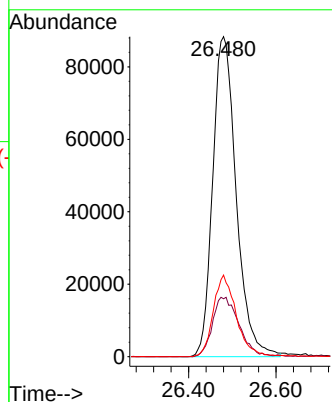
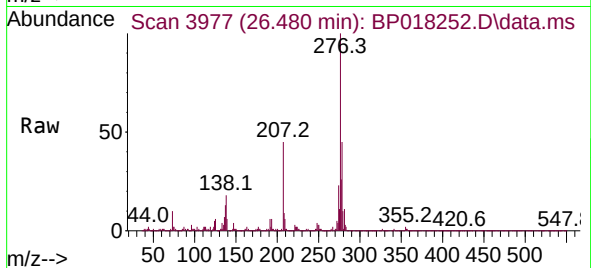
Tgt Ion:276 Resp: 329464

Ion Ratio Lower Upper

276 100

138 18.1 15.6 23.4

277 25.5 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 9.825 ng/ul

RT: 26.504 min Scan# 3981

Delta R.T. 0.012 min

Lab File: BP018252.D

Acq: 18 Nov 2023 09:51

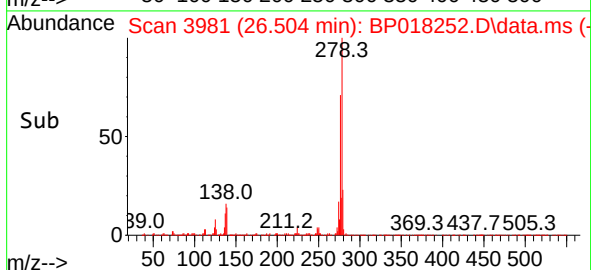
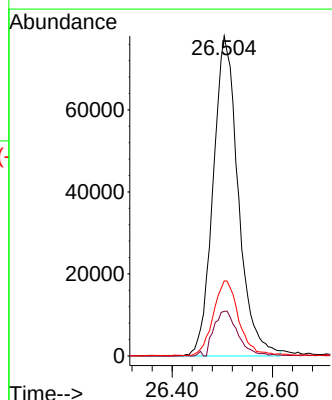
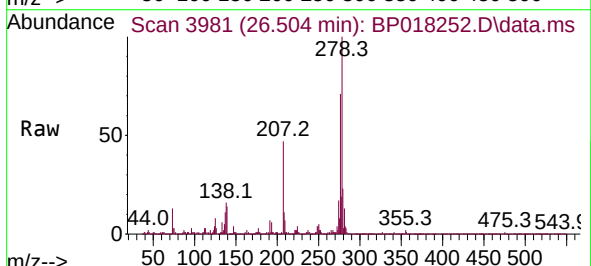
Tgt Ion:278 Resp: 271407

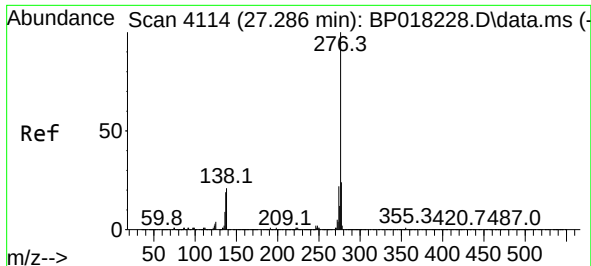
Ion Ratio Lower Upper

278 100

139 13.9 11.1 16.7

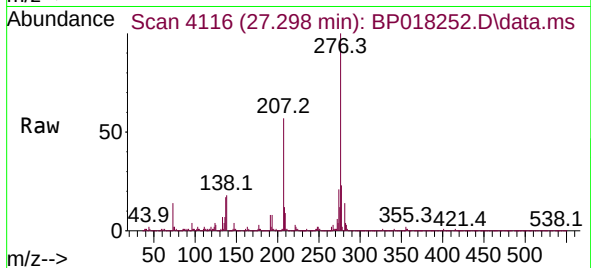
279 23.4 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 9.774 ng/ul
 RT: 27.298 min Scan# 4116
 Delta R.T. 0.018 min
 Lab File: BP018252.D
 Acq: 18 Nov 2023 09:51

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 262262
 Ion Ratio Lower Upper
 276 100
 138 17.7 13.8 20.6
 277 22.6 20.2 30.2

