

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018615.D
 Acq On : 05 Dec 2023 21:56
 Operator : MA/JU
 Sample : 05455-09MS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05N3MS

Quant Time: Dec 05 22:23:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	391064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.652	136	1655292	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	818705	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2047443	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1509323	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1805086	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	42814	3.731	ng/uL	0.00
4) Pyridine-d5	3.687	84	364721	11.865	ng/u1	0.00
7) Phenol-d5	7.022	99	284659	7.253	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	911335	39.181	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	856573	27.972	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	555888	17.503	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	601877	40.853	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	628224	41.129	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	1134922	36.338	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	1467451	35.951	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	3089523	42.282	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	3345175	41.576	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	94160	7.850	ng/u1	0.00
60) Fluorene-d10	15.475	176	3216315	52.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	564210	45.958	ng/u1	0.00
73) Anthracene-d10	17.328	188	4656543	43.261	ng/u1	0.00
81) Pyrene-d10	19.563	212	4741009	40.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	4714103	44.790	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	58316	4.634	ng/uL	98
5) Pyridine	3.705	79	405355	13.059	ng/u1	99
6) Benzaldehyde	6.993	77	845626	41.734	ng/u1	98
8) Phenol	7.046	94	312527	8.121	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.281	93	1292670	40.898	ng/u1	99
12) 2-Chlorophenol	7.416	128	904576	29.187	ng/u1	98
13) 2-Methylphenol	8.299	108	669837	22.734	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1606437	40.056	ng/u1	98
16) Acetophenone	8.681	105	1980647	41.845	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	983738	37.780	ng/u1	97
18) 4-Methylphenol	8.634	108	626158	19.462	ng/u1	96
19) Hexachloroethane	8.928	117	481771	37.918	ng/u1	95
22) Nitrobenzene	9.058	77	1476247	41.213	ng/u1	98
23) Isophorone	9.587	82	2965396	40.603	ng/u1	100
25) 2-Nitrophenol	9.769	139	692800	42.362	ng/u1	99
26) 2,4-Dimethylphenol	9.828	107	784683	24.533	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1844989	40.015	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	1132551	37.647	ng/u1	98
30) Naphthalene	10.699	128	4046369	40.296	ng/u1	100
32) 4-Chloroaniline	10.816	127	1311387	33.709	ng/u1	99
33) Hexachlorobutadiene	10.987	225	839359	41.660	ng/u1	100
34) Caprolactam	11.610	113	46188	5.007	ng/u1	97
35) 4-Chloro-3-methylphenol	11.934	107	1096989	32.550	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	2863017	40.245	ng/u1	100

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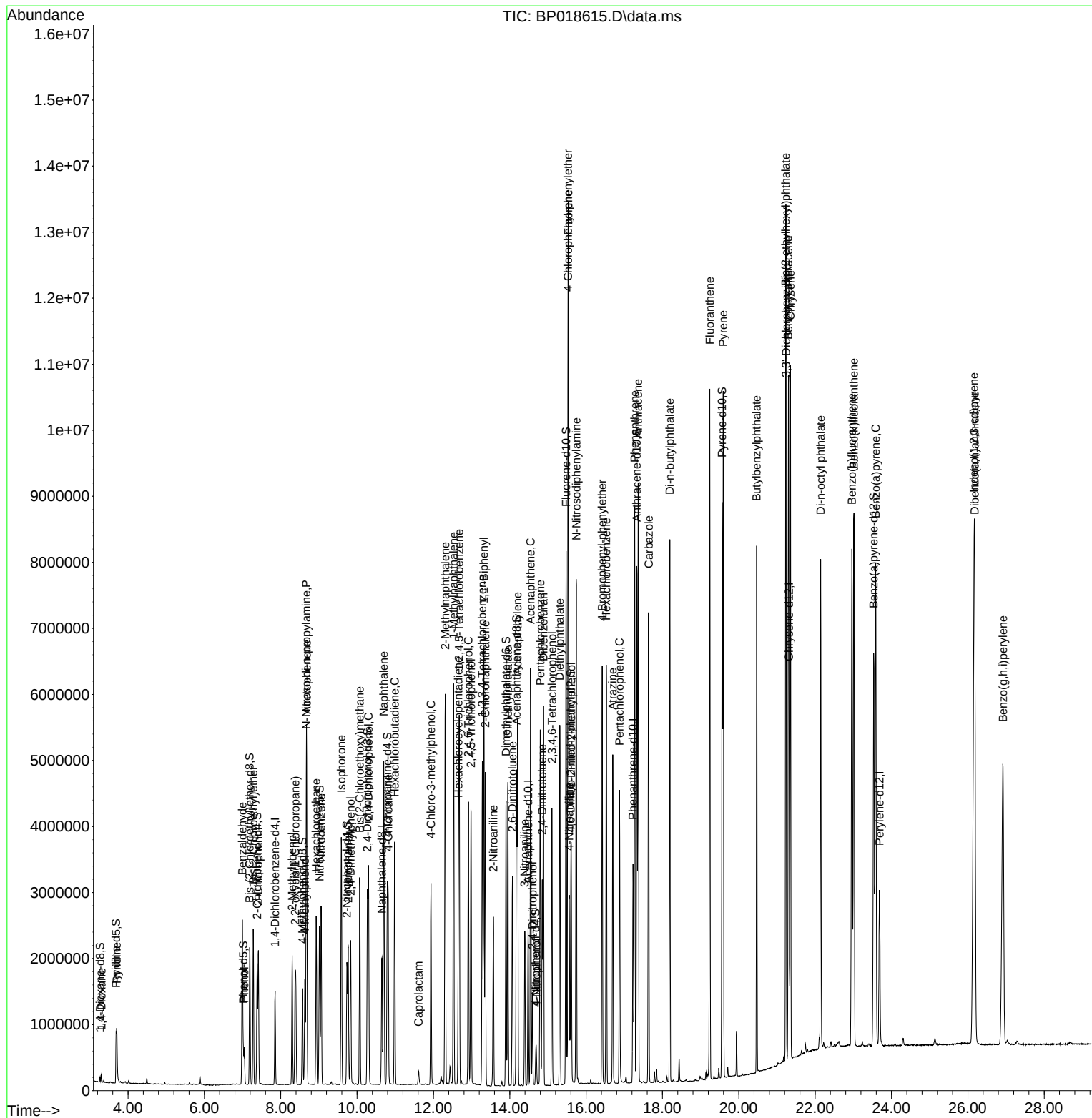
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	2816016	39.197	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1691075	56.931	ng/ul	98
40) Hexachlorocyclopentadiene	12.657	237	725102	41.185	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	1066902	55.835	ng/ul	100
42) 2,4,5-Trichlorophenol	12.987	196	1141981	55.126	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	3401078	48.033	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2390178	42.740	ng/ul	99
45) 2-Nitroaniline	13.569	65	678356	44.745	ng/ul	99
47) Dimethylphthalate	13.951	163	3154178	43.852	ng/ul	100
48) 2,6-Dinitrotoluene	14.069	165	659847	48.557	ng/ul	95
50) Acenaphthylene	14.204	152	3844946	42.503	ng/ul	100
51) 3-Nitroaniline	14.393	138	580101	42.764	ng/ul	98
52) Acenaphthene	14.546	153	2563474	42.858	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	308976	42.901	ng/ul	94
55) 4-Nitrophenol	14.698	109	82279	9.080	ng/ul	93
56) Dibenzofuran	14.881	168	3633935	43.714	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	930645	48.686	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	824946	47.474	ng/ul	97
59) Diethylphthalate	15.310	149	3286550	46.695	ng/ul	99
61) Fluorene	15.534	166	3543426	53.868	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	1916367	55.549	ng/ul	95
63) 4-Nitroaniline	15.557	138	745749	57.707	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	629096	47.930	ng/ul	96
67) N-Nitrosodiphenylamine	15.745	169	3088121	45.517	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	1245335	48.179	ng/ul	95
69) Hexachlorobenzene	16.528	284	1372466	47.557	ng/ul	99
70) Atrazine	16.698	200	945635	46.881	ng/ul	98
71) Pentachlorophenol	16.875	266	783061	45.623	ng/ul	99
72) Phenanthrene	17.275	178	5537689	44.783	ng/ul	100
74) Anthracene	17.363	178	5475384	44.174	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1568864	44.315	ng/ul	99
76) Pentachlorobenzene	14.798	250	1418018	40.777	ng/ul	99
77) Carbazole	17.639	167	4743030	48.013	ng/ul	99
78) Di-n-butylphthalate	18.192	149	5917822	44.989	ng/ul	100
80) Fluoranthene	19.239	202	5877241	42.320	ng/ul	99
82) Pyrene	19.592	202	5810309	41.472	ng/ul	98
83) Butylbenzylphthalate	20.469	149	2197757	42.850	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1772132	48.316	ng/ul	99
85) Benzo(a)anthracene	21.298	228	5591029	45.637	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.228	149	3046248	43.212	ng/ul	100
87) Chrysene	21.351	228	5195231	46.050	ng/ul	98
89) Di-n-octyl phthalate	22.145	149	5340061	40.518	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	5850586	43.959	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	5858823	45.497	ng/ul	99
93) Benzo(a)pyrene	23.586	252	5621151	46.223	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.163	276	7228217	49.748	ng/ul	99
95) Dibenzo(a,h)anthracene	26.180	278	5971977	49.409	ng/ul	98
96) Benzo(g,h,i)perylene	26.921	276	5834448	49.896	ng/ul	97

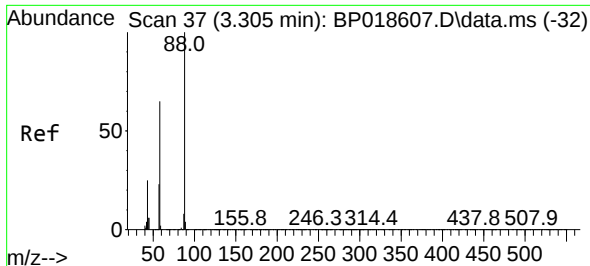
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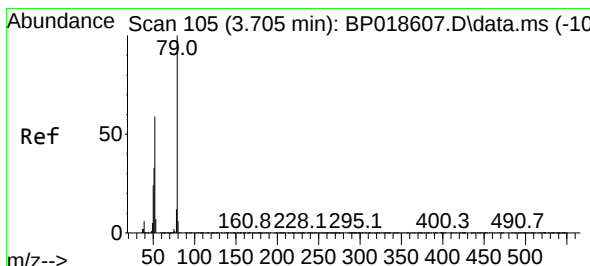
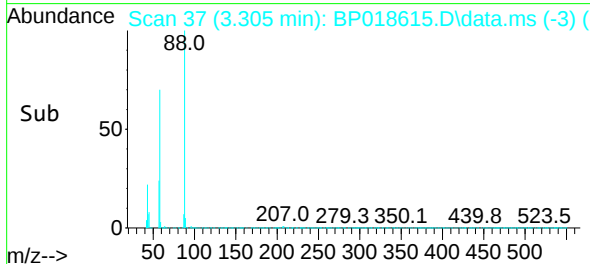
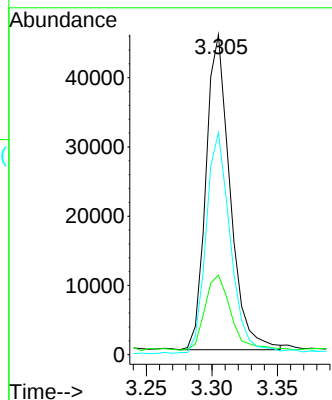
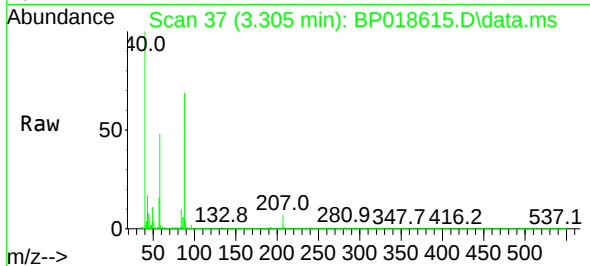




#2
1,4-Dioxane
Concen: 4.634 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP018615.D
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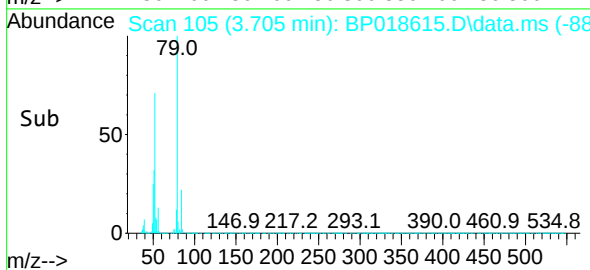
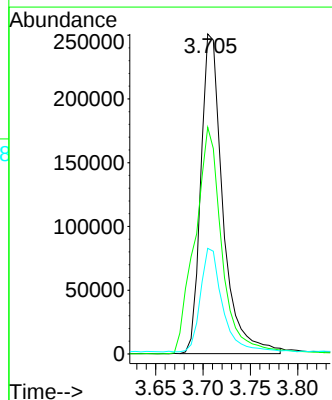
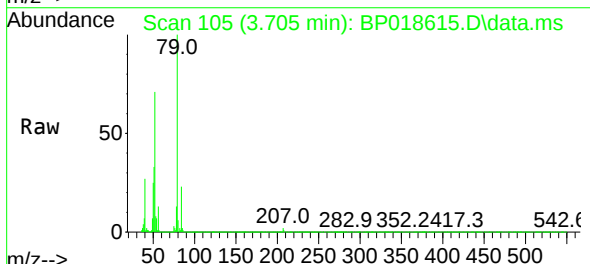
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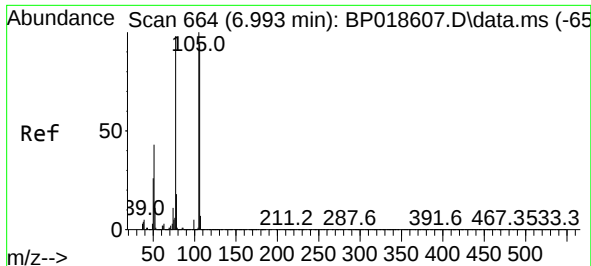
Tgt Ion: 88 Resp: 58316
Ion Ratio Lower Upper
88 100
43 24.8 21.8 32.6
58 69.4 56.5 84.7



#5
Pyridine
Concen: 13.059 ng/uL
RT: 3.705 min Scan# 105
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion: 79 Resp: 405355
Ion Ratio Lower Upper
79 100
52 70.8 57.4 86.0
51 33.0 26.2 39.4

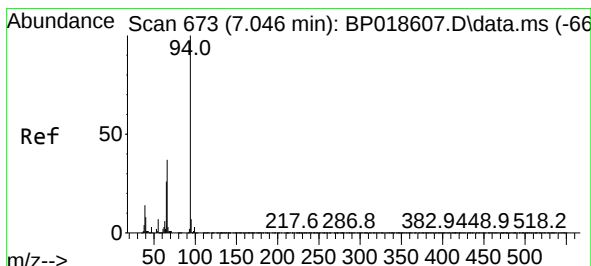
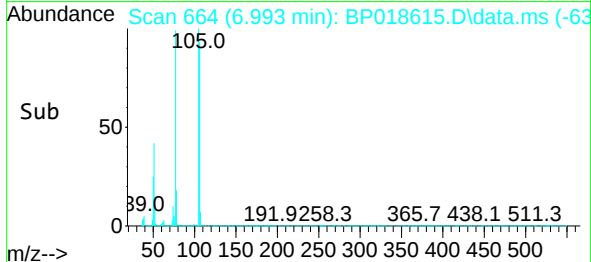
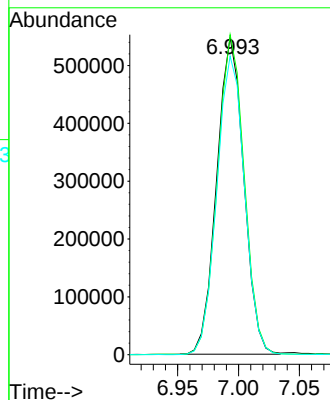
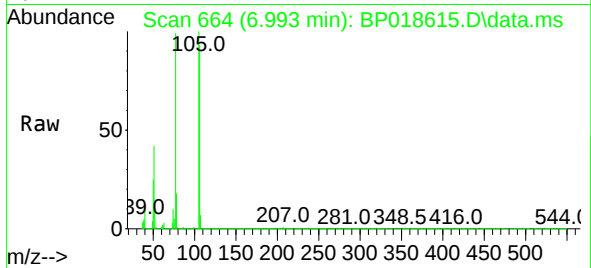




#6
Benzaldehyde
Concen: 41.734 ng/ul
RT: 6.993 min Scan# 611
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

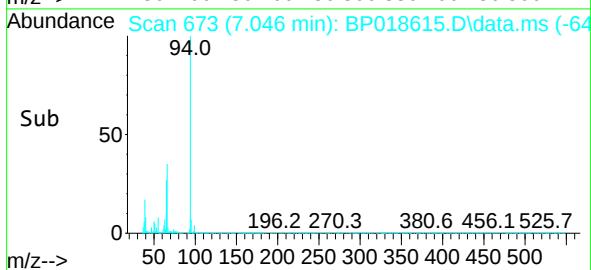
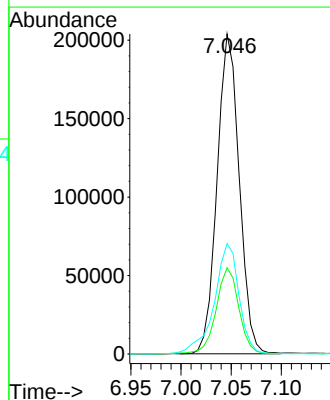
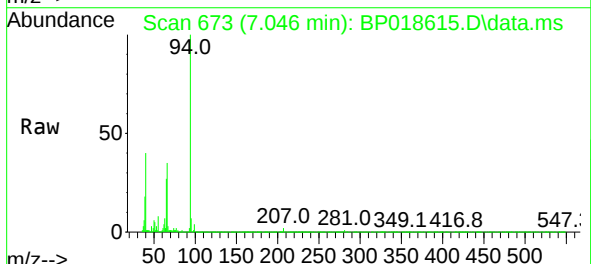
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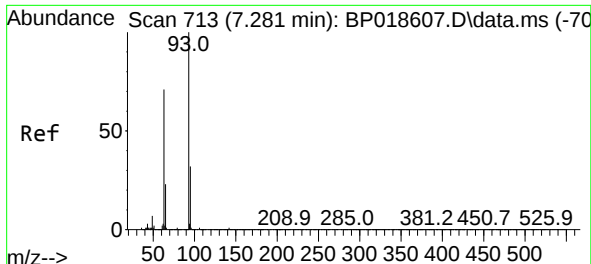
Tgt Ion: 77 Resp: 845626
Ion Ratio Lower Upper
77 100
105 100.9 77.9 116.9
106 94.2 74.6 111.8



#8
Phenol
Concen: 8.121 ng/ul
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion: 94 Resp: 312527
Ion Ratio Lower Upper
94 100
65 27.0 21.0 31.6
66 34.5 28.6 43.0



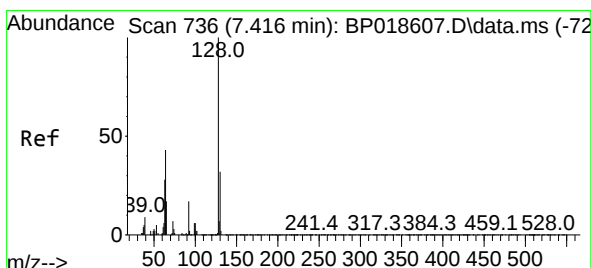
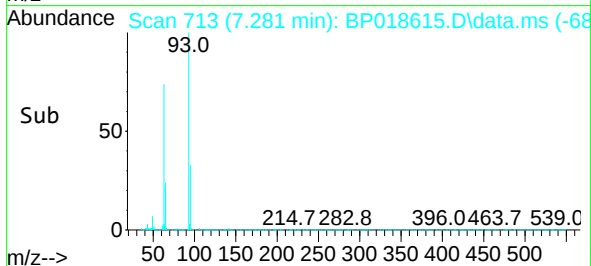
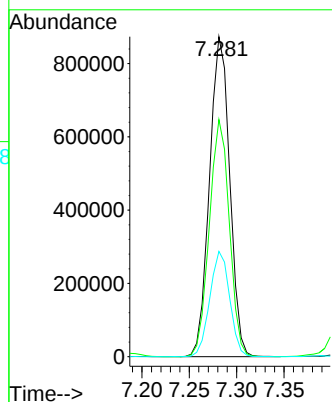
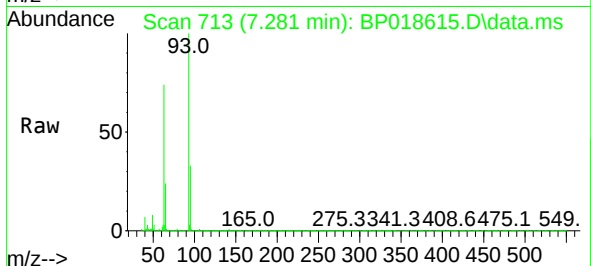


#10
Bis(2-Chloroethyl)ether
Concen: 40.898 ng/ul
RT: 7.281 min Scan# 713
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 93 Resp: 1292670

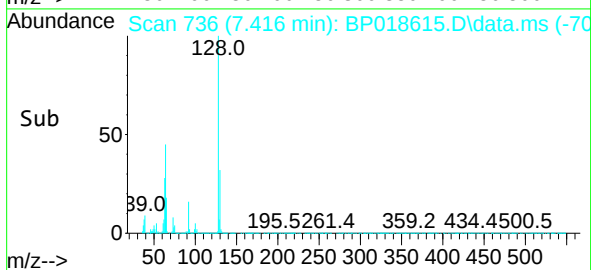
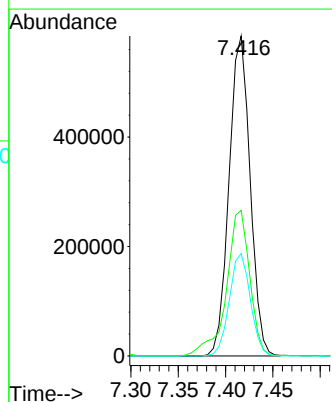
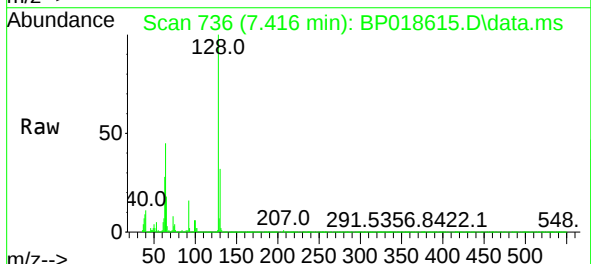
Ion	Ratio	Lower	Upper
93	100		
63	74.1	58.3	87.5
95	32.9	25.9	38.9

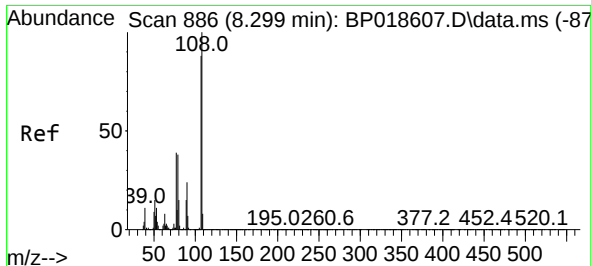


#12
2-Chlorophenol
Concen: 29.187 ng/ul
RT: 7.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BP018615.D
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Tgt Ion:128 Resp: 904576

Ion	Ratio	Lower	Upper
128	100		
64	45.5	37.0	55.4
130	32.0	26.8	40.2

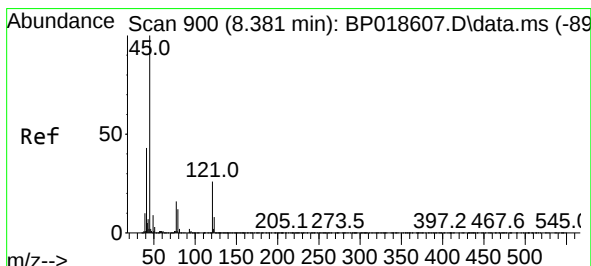
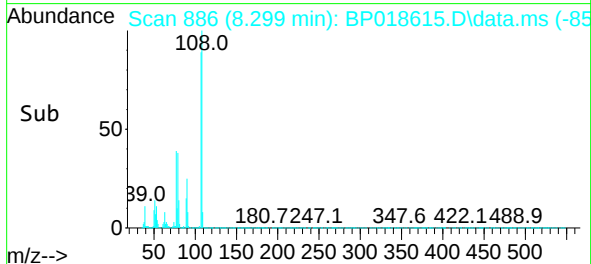
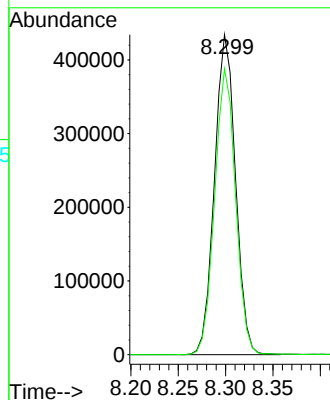
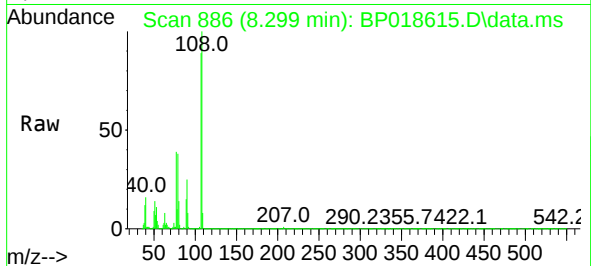




#13
2-Methylphenol
Concen: 22.734 ng/ul
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP018615.D
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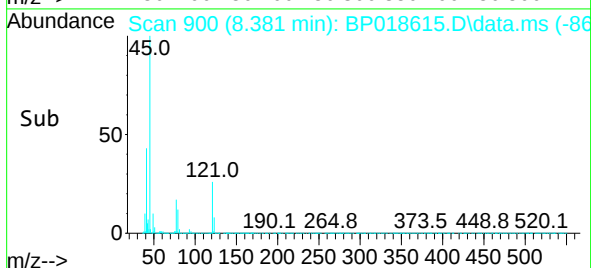
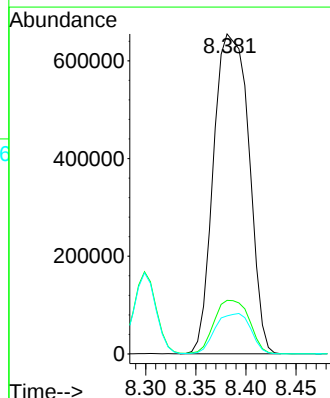
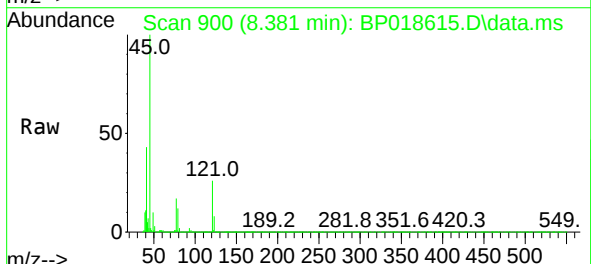
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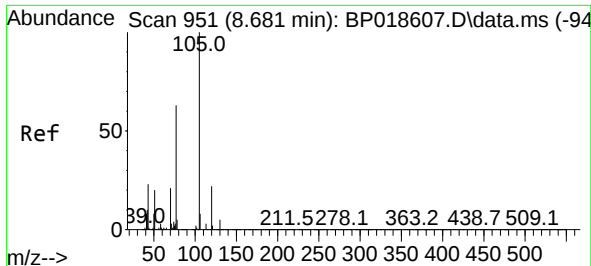
Tgt Ion:108 Resp: 669837
Ion Ratio Lower Upper
108 100
107 89.4 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 40.056 ng/ul
RT: 8.381 min Scan# 900
Delta R.T. -0.006 min
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Tgt Ion: 45 Resp: 1606437
Ion Ratio Lower Upper
45 100
77 16.8 12.7 19.1
79 11.9 10.5 15.7

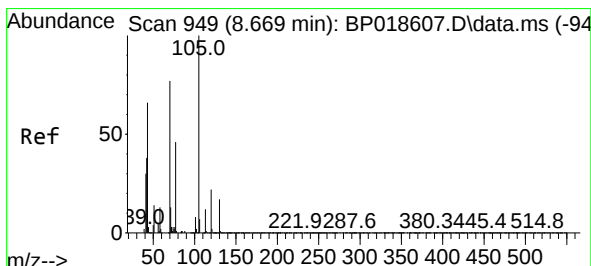
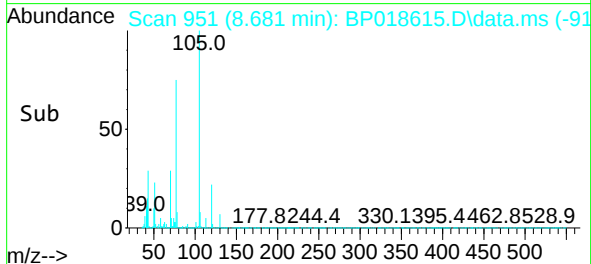
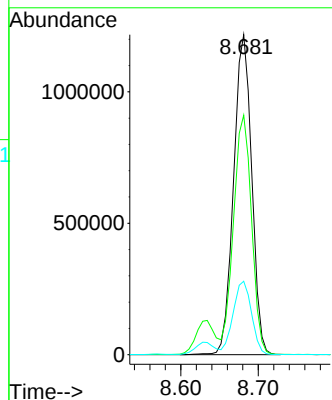
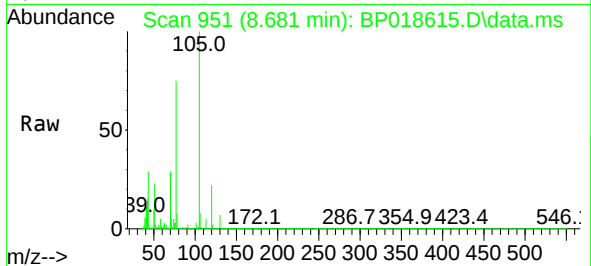




#16
Acetophenone
Concen: 41.845 ng/ul
RT: 8.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

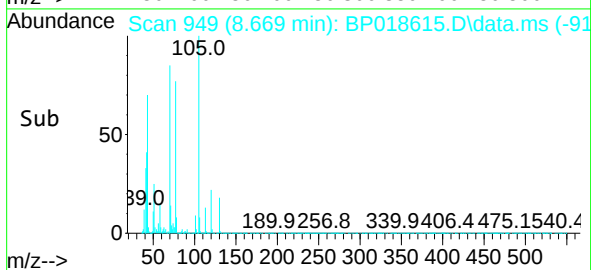
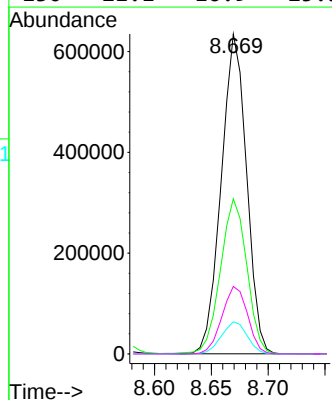
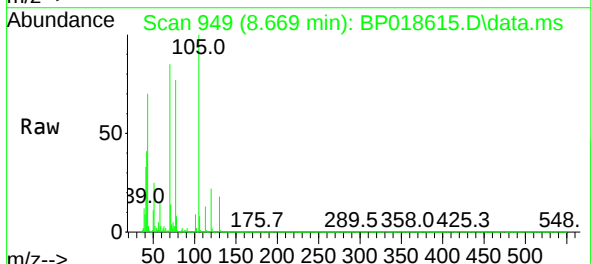
Instrument :
BNA_P
ClientSampleId :
E05N3MS

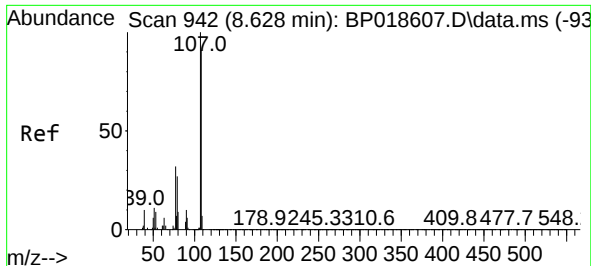
Tgt Ion:105 Resp: 1980647
Ion Ratio Lower Upper
105 100
77 74.8 59.4 89.0
51 23.0 19.4 29.0



#17
N-Nitroso-di-n-propylamine
Concen: 37.780 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion: 70 Resp: 983738
Ion Ratio Lower Upper
70 100
42 48.5 41.0 61.4
101 10.1 7.8 11.8
130 21.1 16.9 25.3

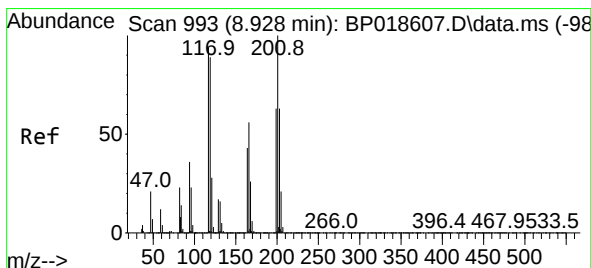
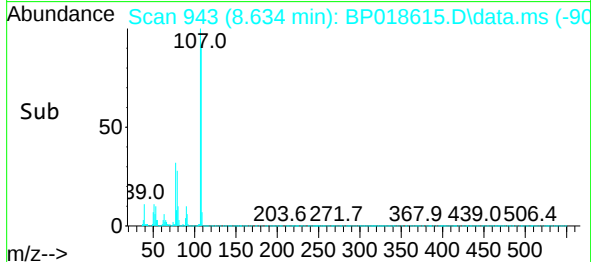
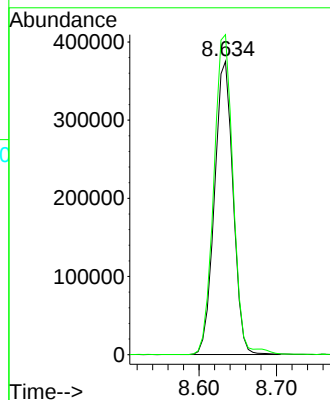
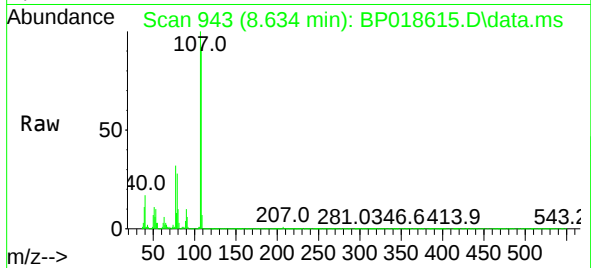




#18
4-Methylphenol
Concen: 19.462 ng/ul
RT: 8.634 min Scan# 942
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

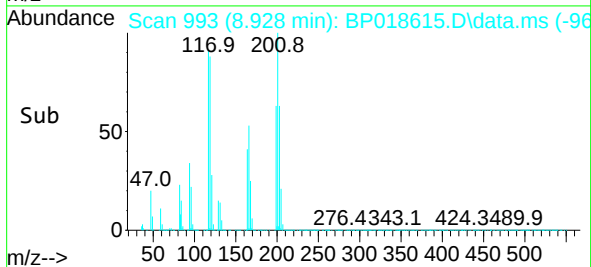
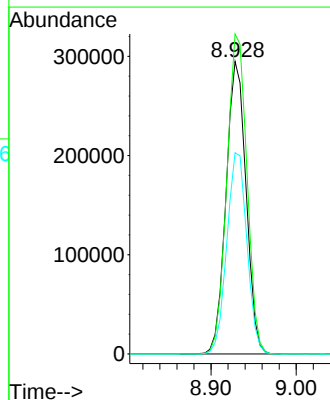
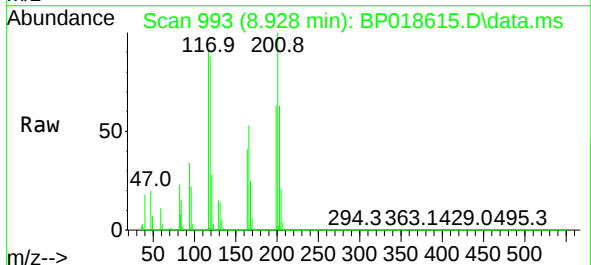
Instrument :
BNA_P
ClientSampleId :
E05N3MS

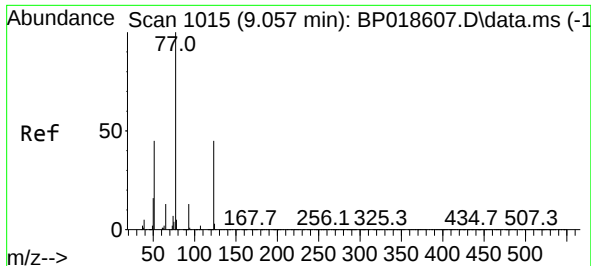
Tgt Ion:108 Resp: 626158
Ion Ratio Lower Upper
108 100
107 109.1 90.6 136.0



#19
Hexachloroethane
Concen: 37.918 ng/ul
RT: 8.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:117 Resp: 481771
Ion Ratio Lower Upper
117 100
201 109.4 83.7 125.5
199 68.8 52.3 78.5

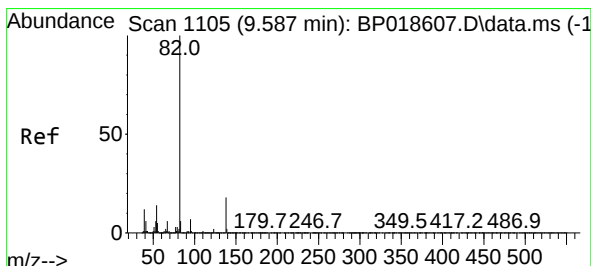
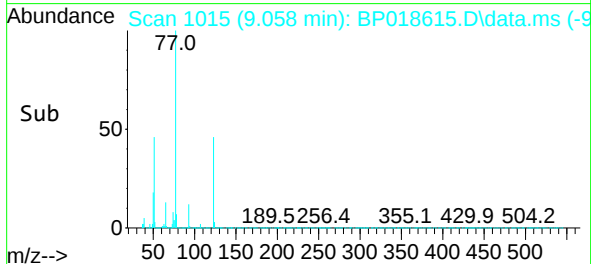
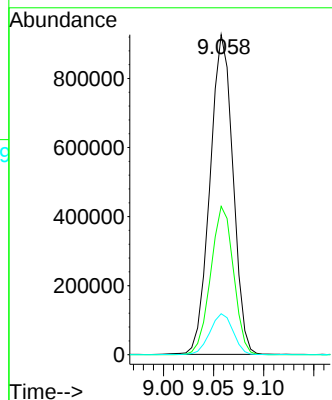
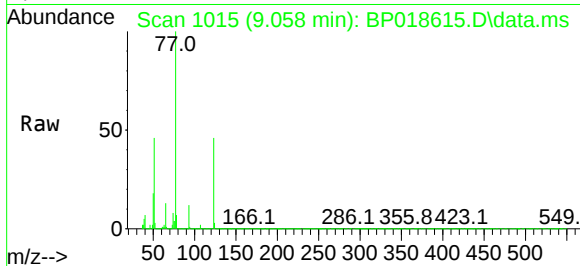




#22
Nitrobenzene
Concen: 41.213 ng/ul
RT: 9.058 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

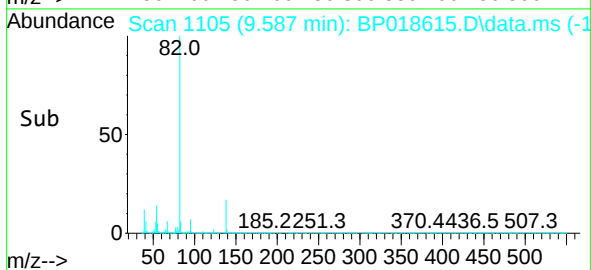
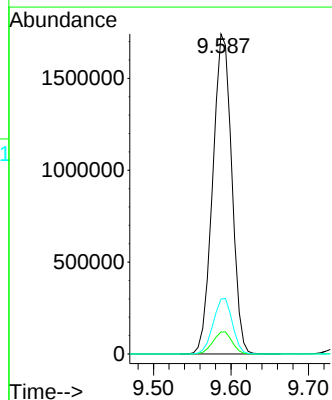
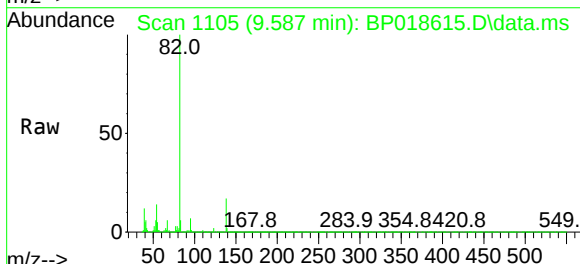
Instrument :
BNA_P
ClientSampleId :
E05N3MS

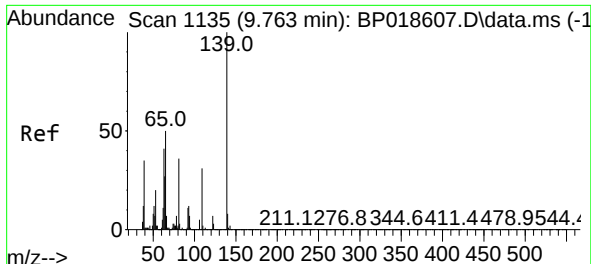
Tgt Ion: 77 Resp: 1476247
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 12.8 10.5 15.7



#23
Isophorone
Concen: 40.603 ng/ul
RT: 9.587 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion: 82 Resp: 2965396
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.2 13.5 20.3

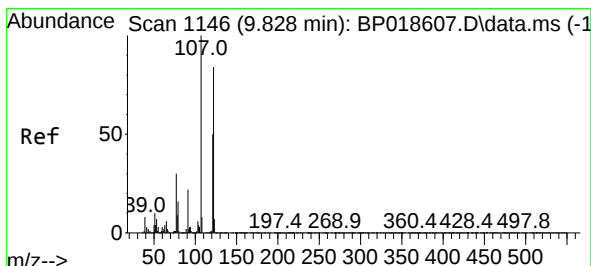
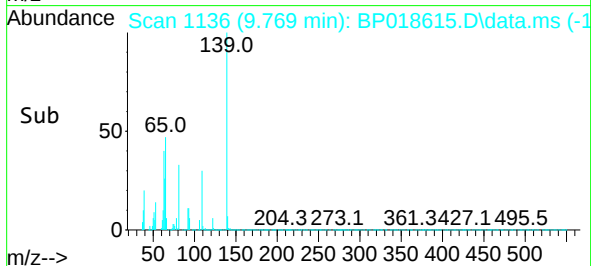
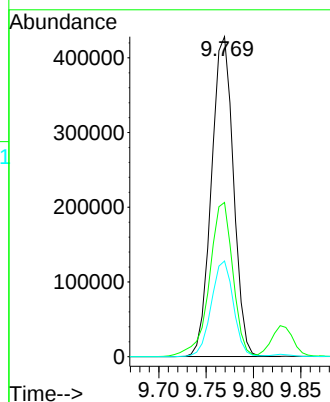
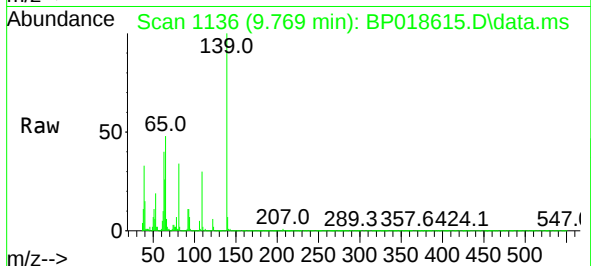




#25
2-Nitrophenol
Concen: 42.362 ng/ul
RT: 9.769 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

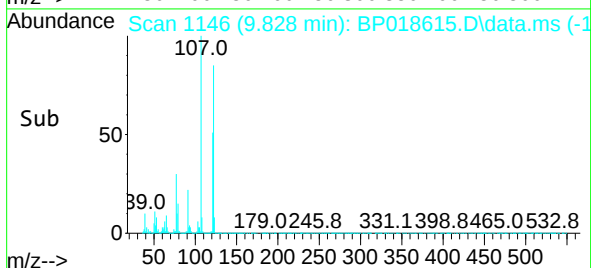
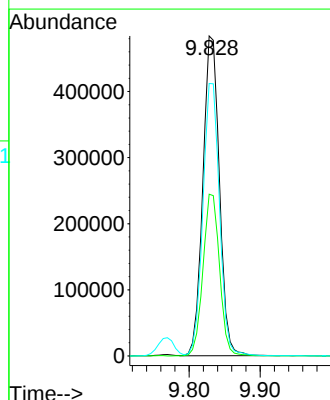
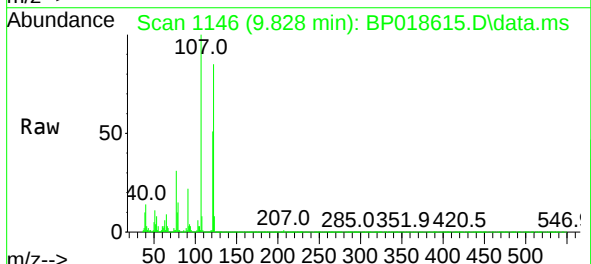
Instrument :
BNA_P
ClientSampleId :
E05N3MS

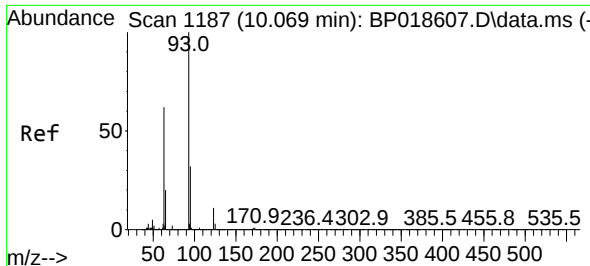
Tgt Ion:139 Resp: 692800
Ion Ratio Lower Upper
139 100
65 48.2 39.1 58.7
109 29.9 23.8 35.6



#26
2,4-Dimethylphenol
Concen: 24.533 ng/ul
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:107 Resp: 784683
Ion Ratio Lower Upper
107 100
121 50.5 40.0 60.0
122 85.2 69.1 103.7



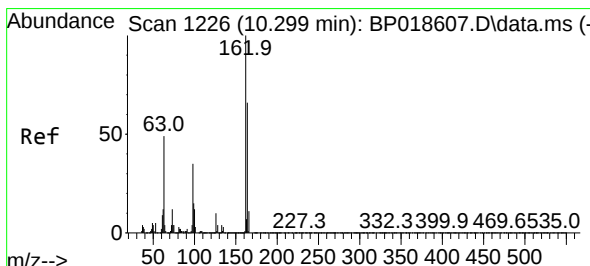
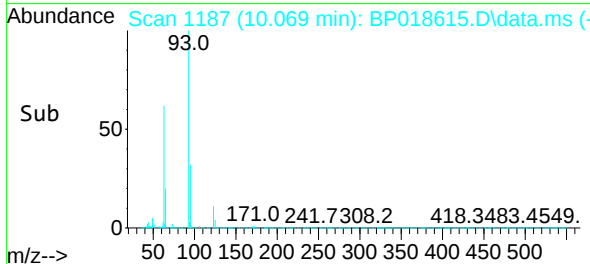
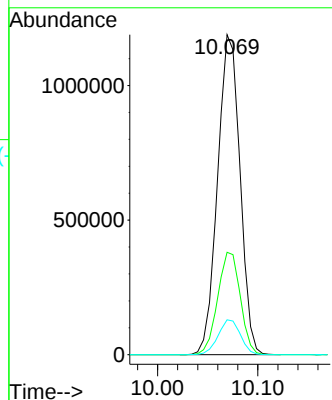
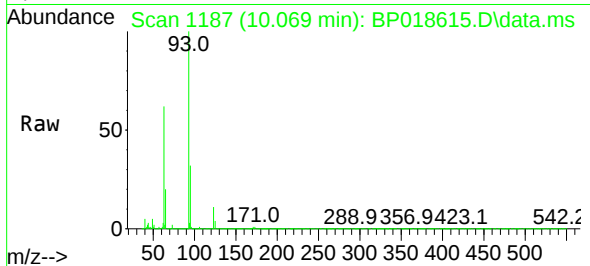


#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.015 ng/ul
 RT: 10.069 min Scan# 1187
 Delta R.T. -0.006 min
 Lab File: BP018615.D
 Acq: 05 Dec 2023 21:56

Instrument :
 BNA_P
 ClientSampleId :
 E05N3MS

Tgt Ion: 93 Resp: 1844989

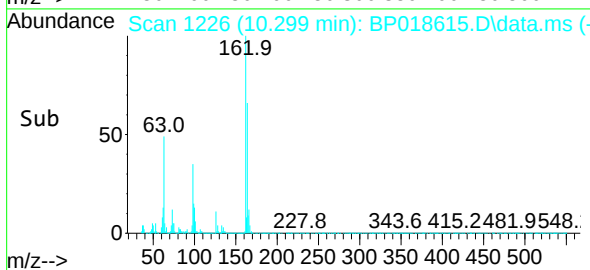
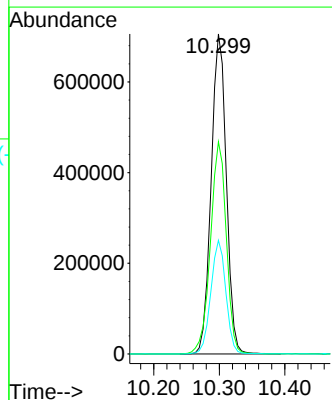
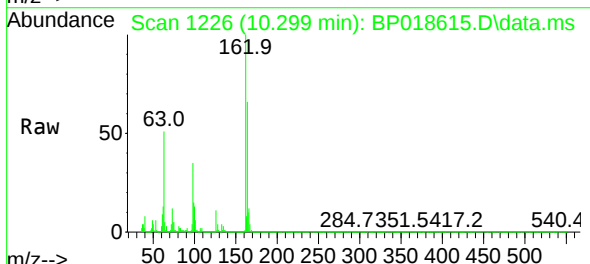
Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	10.9	8.9	13.3

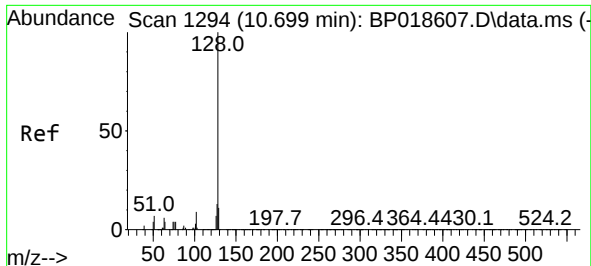


#29
 2,4-Dichlorophenol
 Concen: 37.647 ng/ul
 RT: 10.299 min Scan# 1226
 Delta R.T. 0.000 min
 Lab File: BP018615.D
 Acq: 05 Dec 2023 21:56

Tgt Ion:162 Resp: 1132551

Ion	Ratio	Lower	Upper
162	100		
164	66.3	51.7	77.5
98	35.5	29.2	43.8

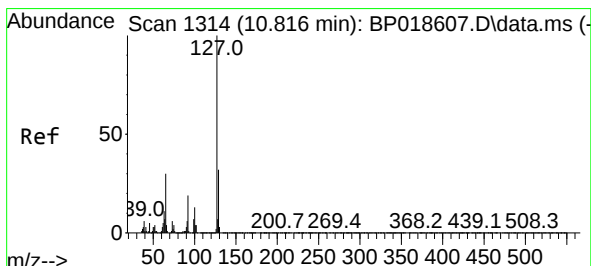
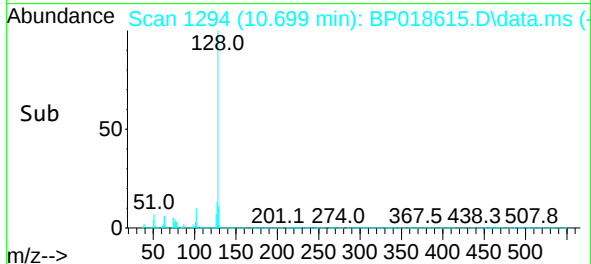
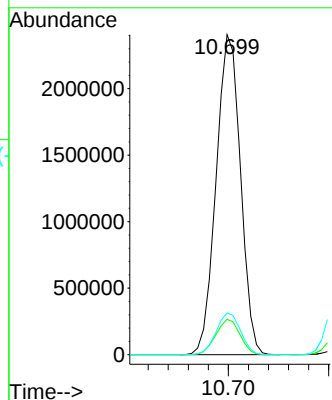
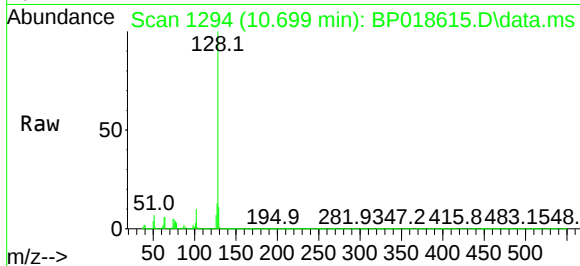




#30
Naphthalene
Concen: 40.296 ng/ul
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

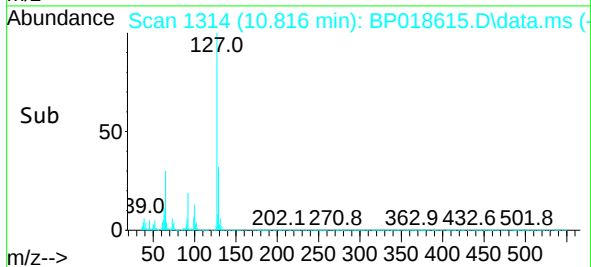
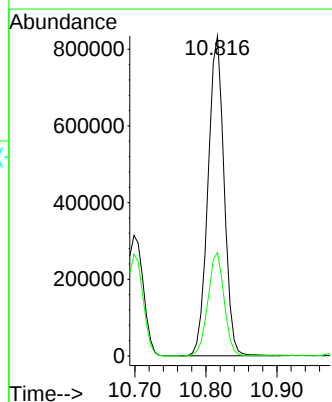
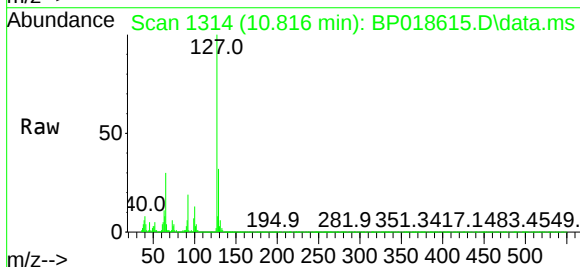
Instrument :
BNA_P
ClientSampleId :
E05N3MS

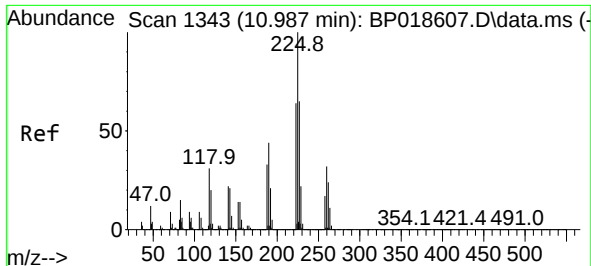
Tgt Ion:128 Resp: 4046369
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.5 15.7



#32
4-Chloroaniline
Concen: 33.709 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:127 Resp: 1311387
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4

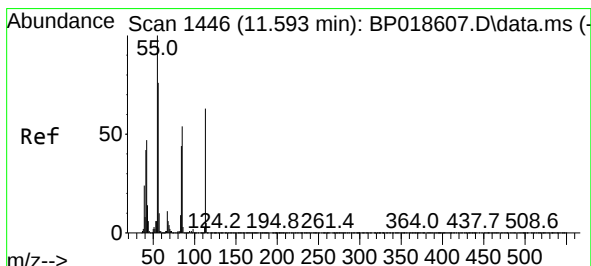
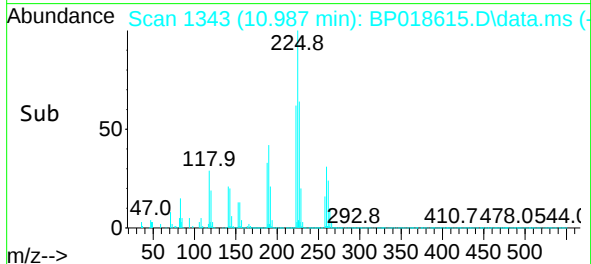
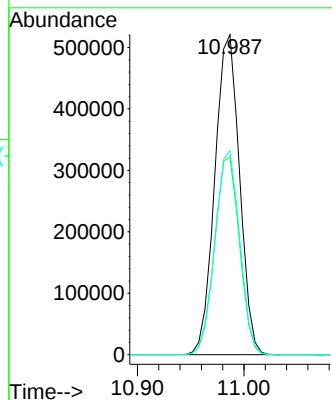
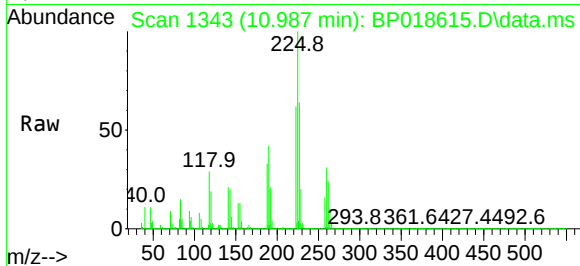




#33
Hexachlorobutadiene
Concen: 41.660 ng/ul
RT: 10.987 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

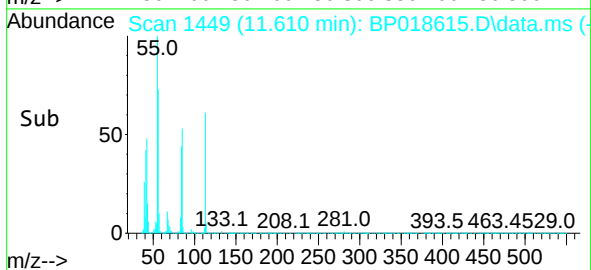
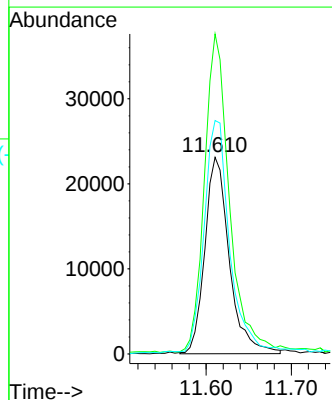
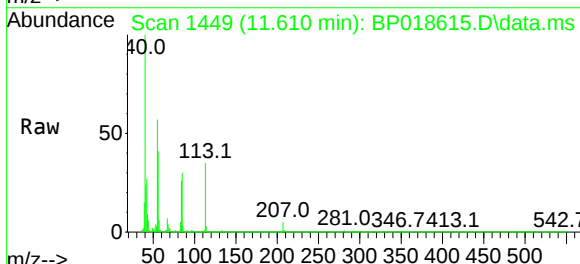
Instrument :
BNA_P
ClientSampleId :
E05N3MS

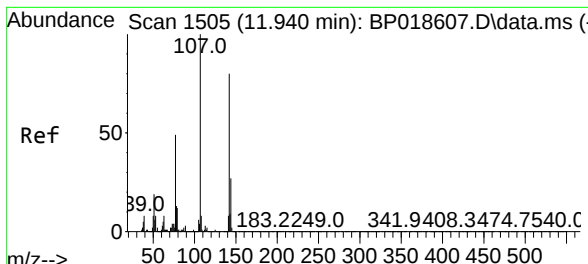
Tgt Ion:225 Resp: 839359
Ion Ratio Lower Upper
225 100
223 61.7 49.5 74.3
227 63.7 50.9 76.3



#34
Caprolactam
Concen: 5.007 ng/ul
RT: 11.610 min Scan# 1449
Delta R.T. 0.018 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:113 Resp: 46188
Ion Ratio Lower Upper
113 100
55 162.7 133.7 200.5
56 118.7 97.4 146.2



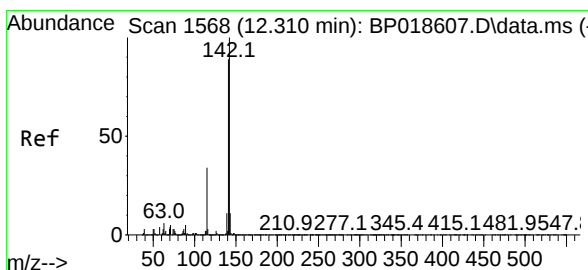
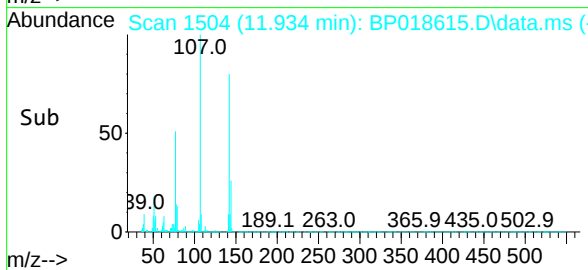
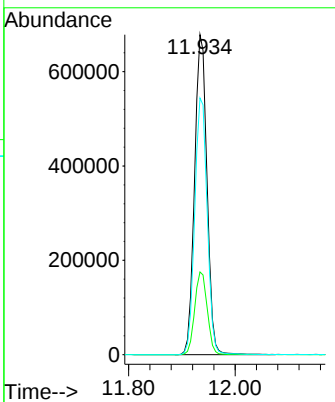
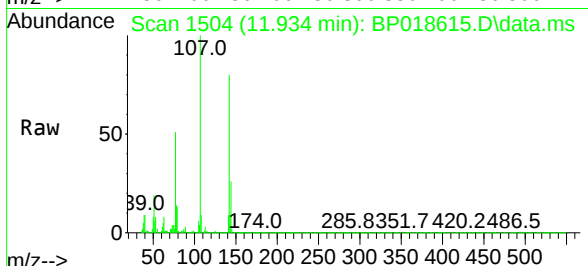


#35
4-Chloro-3-methylphenol
Concen: 32.550 ng/ul
RT: 11.934 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Instrument :
BNA_P
ClientSampleId :
E05N3MS

Tgt Ion:107 Resp: 1096989

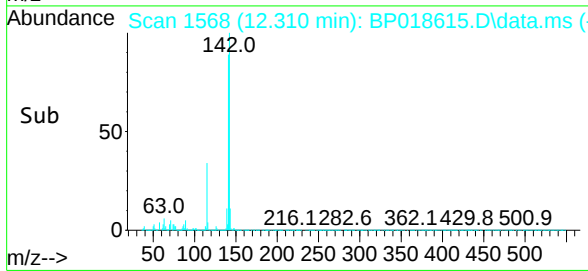
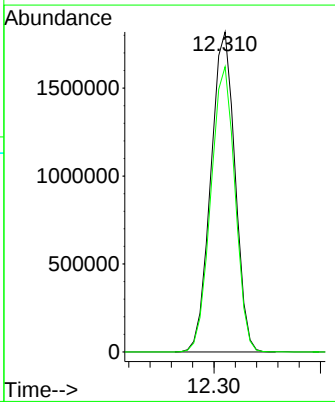
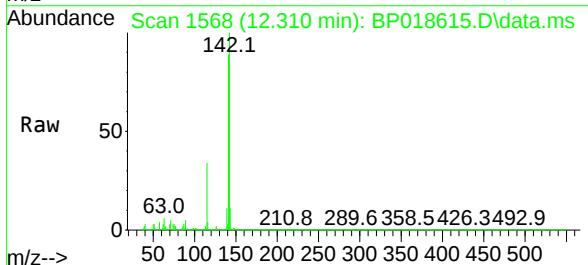
Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.0	31.6
142	80.2	63.6	95.4

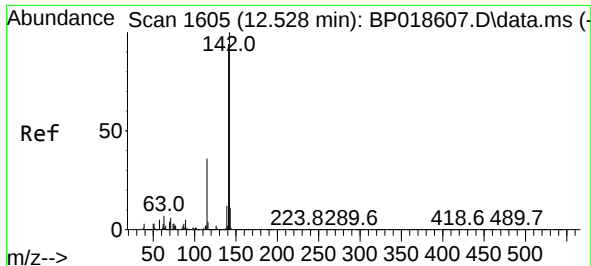


#36
2-Methylnaphthalene
Concen: 40.245 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:142 Resp: 2863017

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0

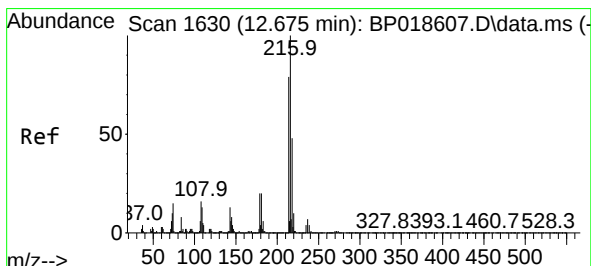
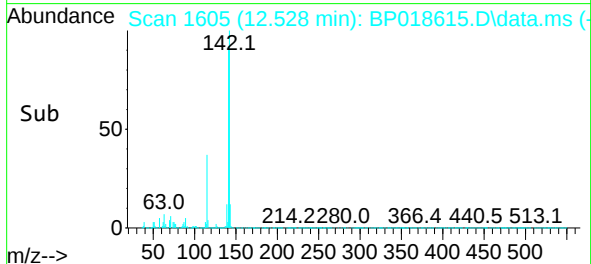
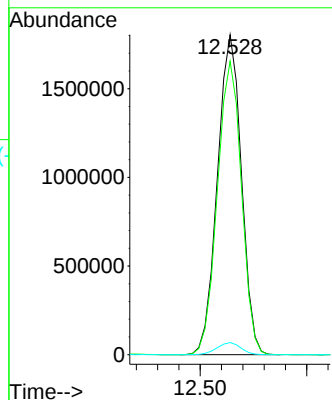
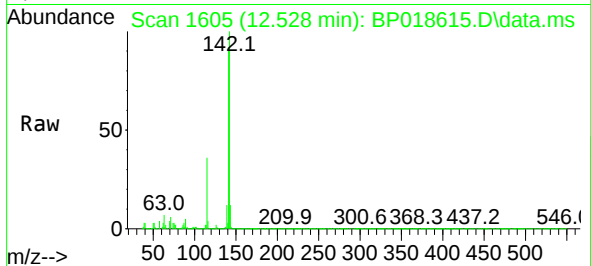




#37
1-Methylnaphthalene
Concen: 39.197 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

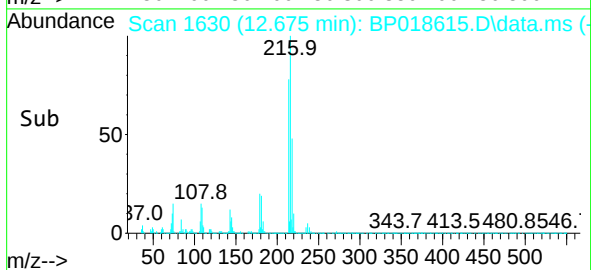
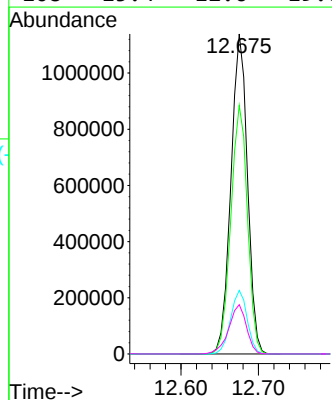
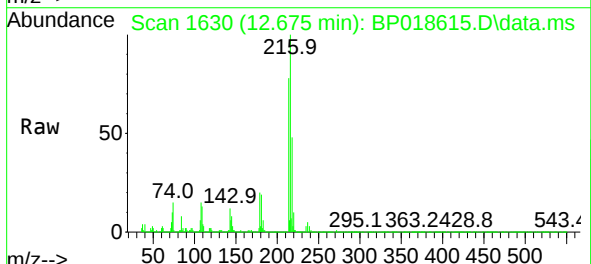
Instrument :
BNA_P
ClientSampleId :
E05N3MS

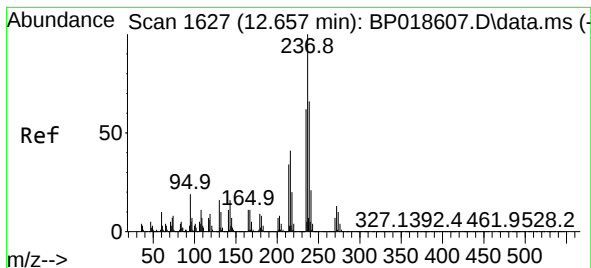
Tgt Ion:142 Resp: 2816016
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3
116 3.8 2.8 4.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 56.931 ng/ul
RT: 12.675 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:216 Resp: 1691075
Ion Ratio Lower Upper
216 100
214 77.7 63.9 95.9
179 19.8 16.3 24.5
108 15.4 12.6 19.0

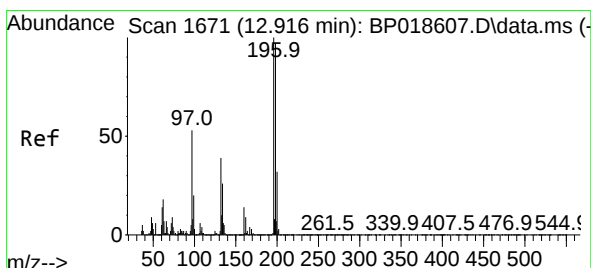
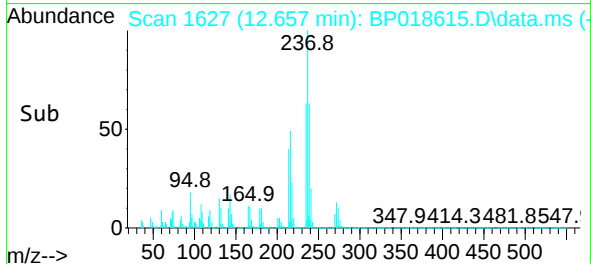
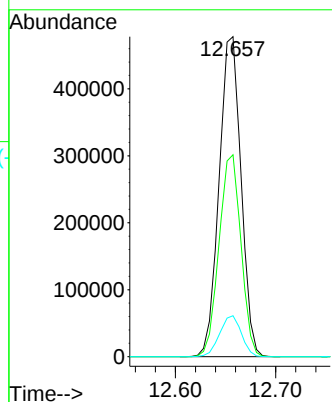
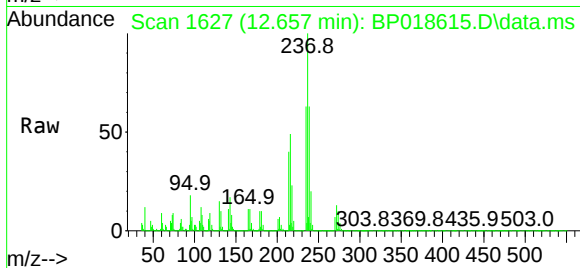




#40
Hexachlorocyclopentadiene
Concen: 41.185 ng/ul
RT: 12.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

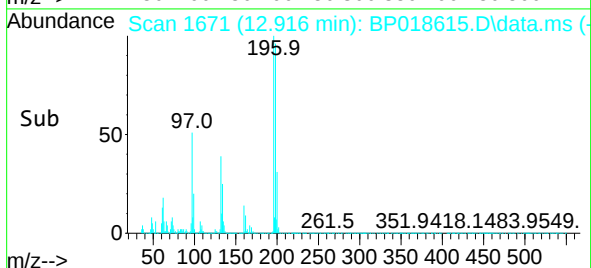
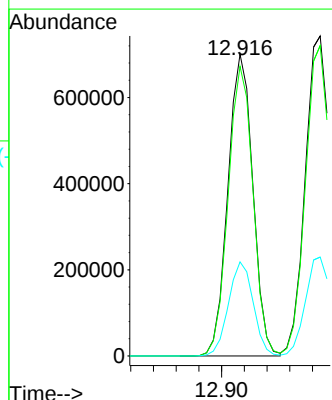
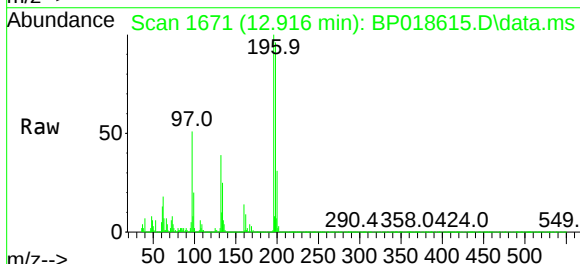
Instrument :
BNA_P
ClientSampleId :
E05N3MS

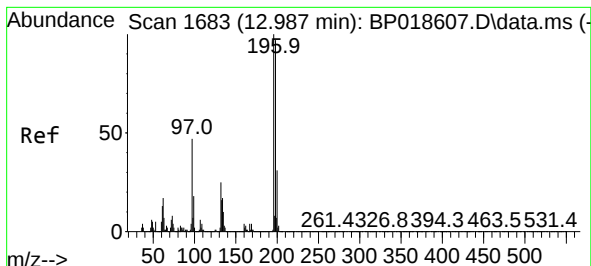
Tgt Ion:237 Resp: 725102
Ion Ratio Lower Upper
237 100
235 63.1 49.4 74.0
272 12.8 9.8 14.8



#41
2,4,6-Trichlorophenol
Concen: 55.835 ng/ul
RT: 12.916 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:196 Resp: 1066902
Ion Ratio Lower Upper
196 100
198 95.9 76.9 115.3
200 31.2 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 55.126 ng/ul

RT: 12.987 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

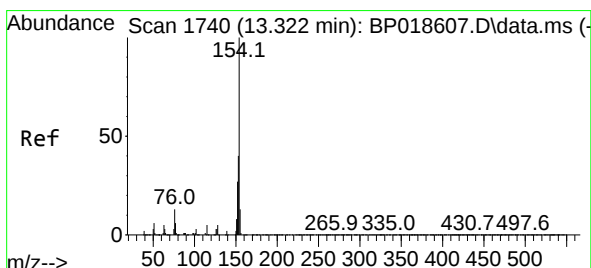
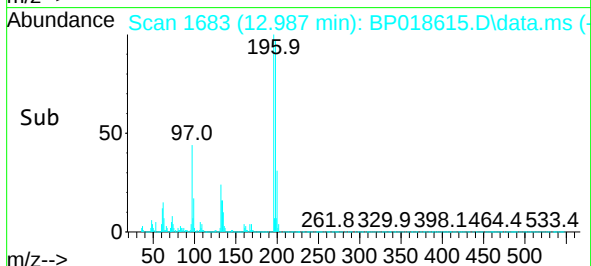
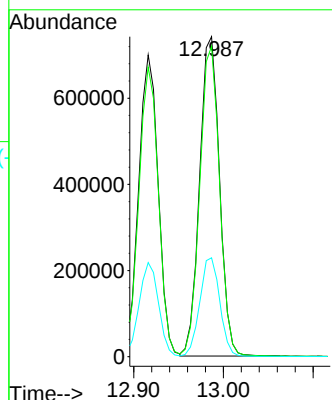
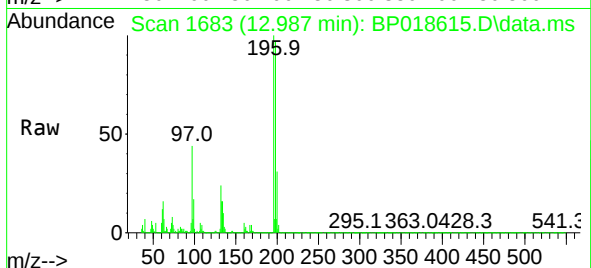
Tgt Ion:196 Resp: 1141981

Ion Ratio Lower Upper

196 100

198 97.0 77.9 116.9

200 30.9 25.2 37.8



#43

1,1'-Biphenyl

Concen: 48.033 ng/ul

RT: 13.322 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

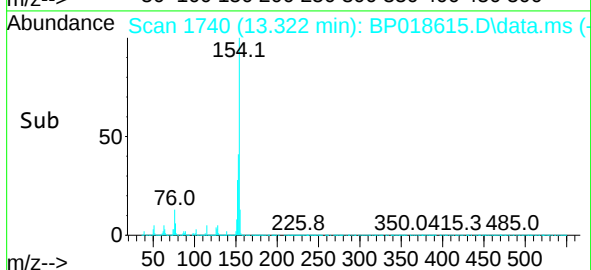
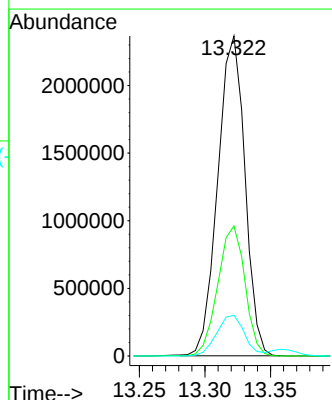
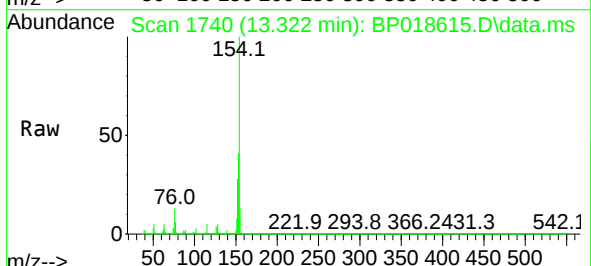
Tgt Ion:154 Resp: 3401078

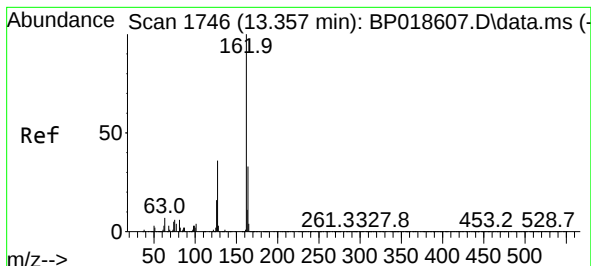
Ion Ratio Lower Upper

154 100

153 40.6 32.8 49.2

76 12.7 10.7 16.1

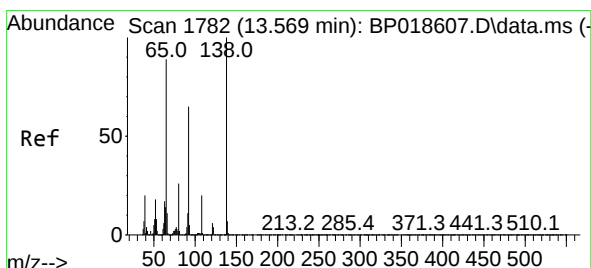
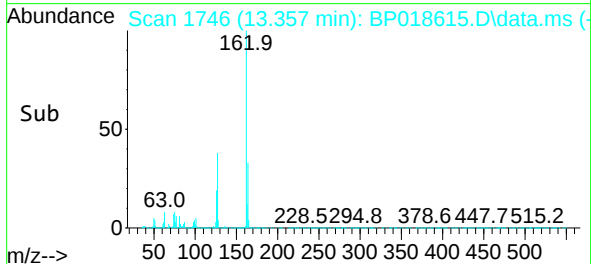
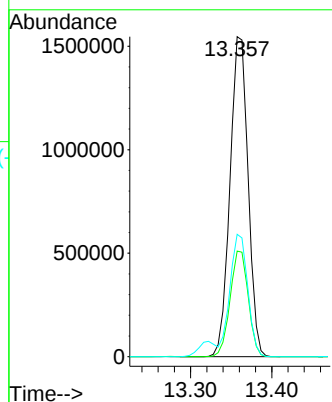
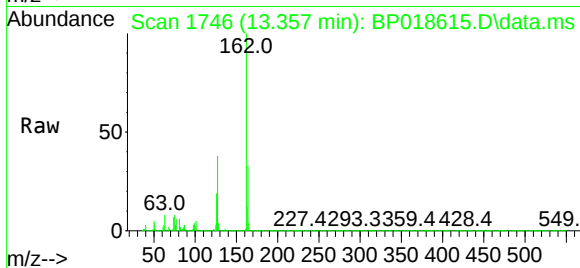




#44
2-Chloronaphthalene
Concen: 42.740 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

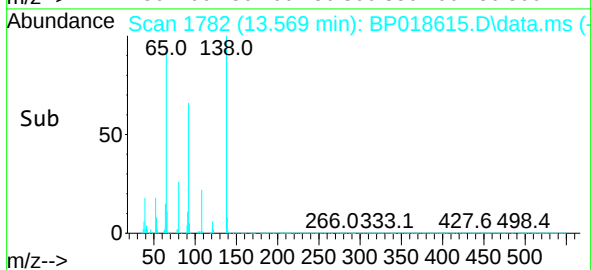
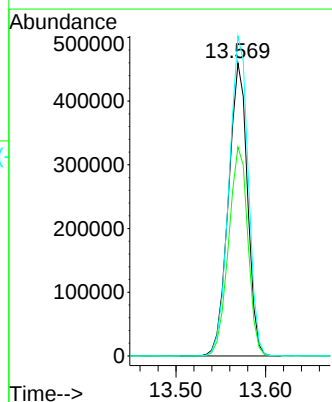
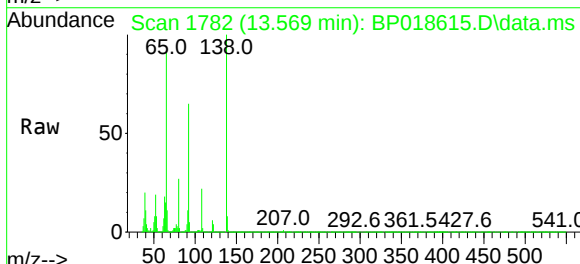
Instrument :
BNA_P
ClientSampleId :
E05N3MS

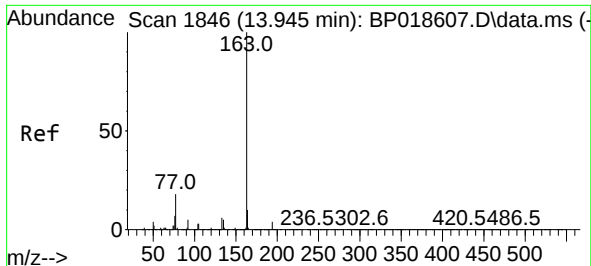
Tgt Ion:162 Resp: 2390178
Ion Ratio Lower Upper
162 100
164 33.0 25.7 38.5
127 38.2 30.3 45.5



#45
2-Nitroaniline
Concen: 44.745 ng/ul
RT: 13.569 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion: 65 Resp: 678356
Ion Ratio Lower Upper
65 100
92 71.4 56.9 85.3
138 109.3 88.2 132.2

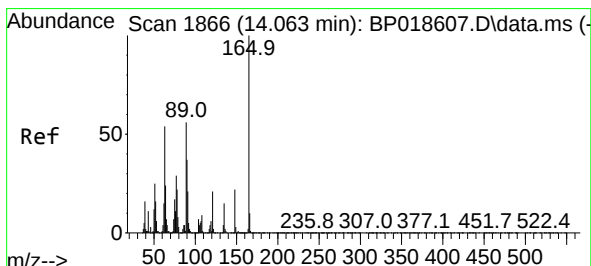
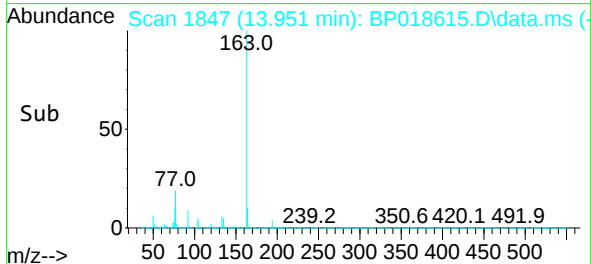
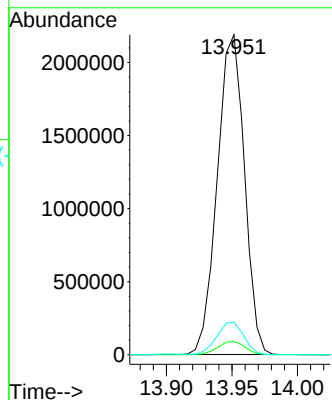
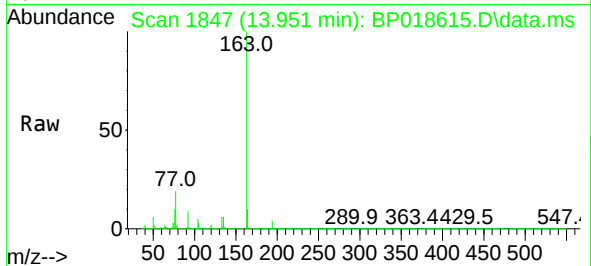




#47
Dimethylphthalate
Concen: 43.852 ng/ul
RT: 13.951 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

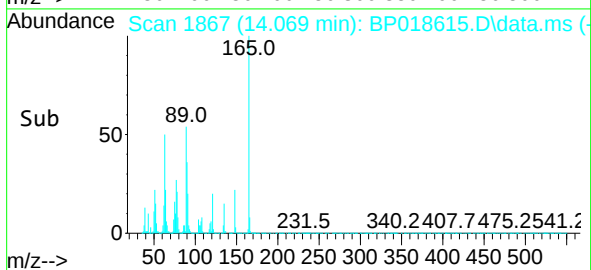
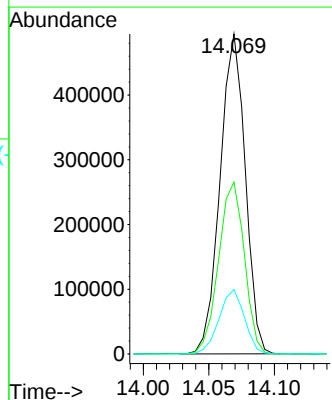
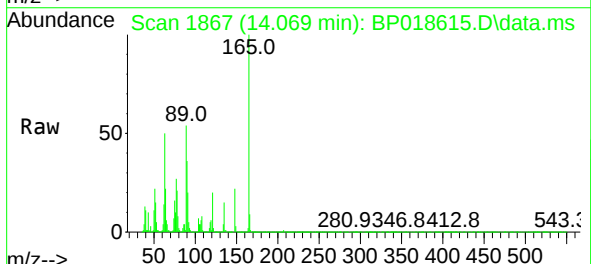
Instrument :
BNA_P
ClientSampleId :
E05N3MS

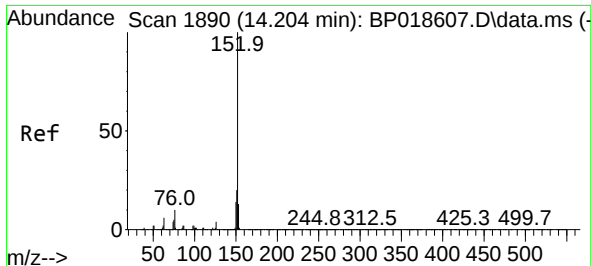
Tgt Ion:163 Resp: 3154178
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 48.557 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:165 Resp: 659847
Ion Ratio Lower Upper
165 100
89 53.7 46.6 70.0
121 20.1 17.3 25.9

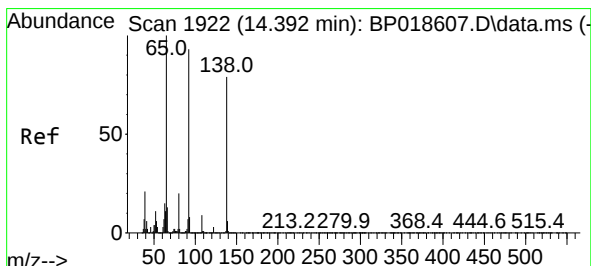
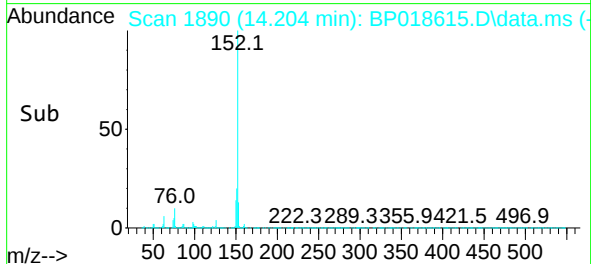
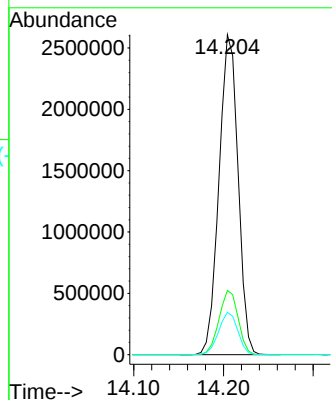
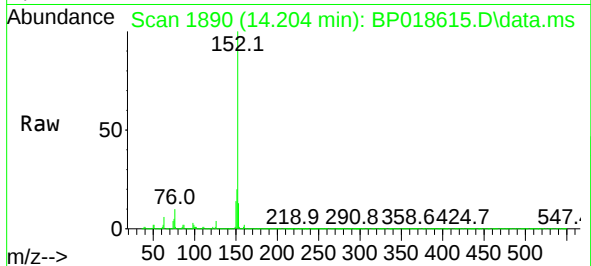




#50
Acenaphthylene
Concen: 42.503 ng/ul
RT: 14.204 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

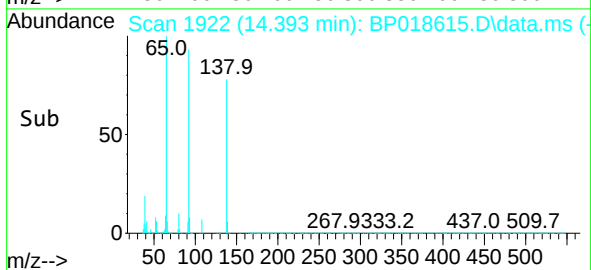
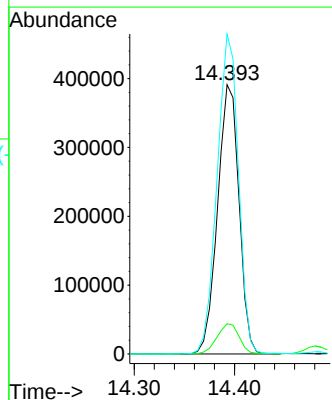
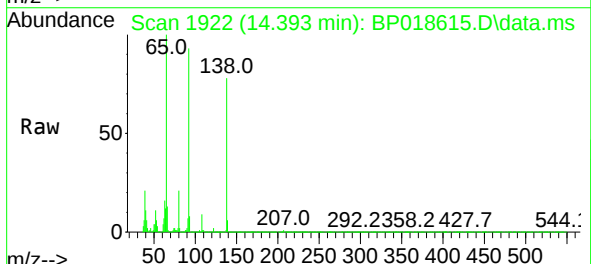
Instrument :
BNA_P
ClientSampleId :
E05N3MS

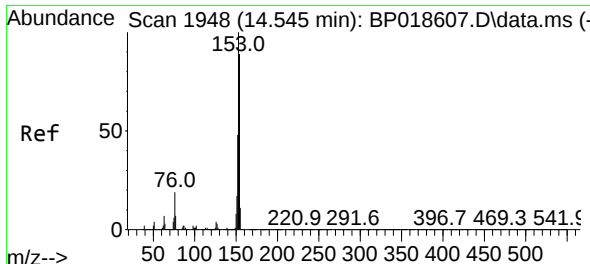
Tgt Ion:152 Resp: 3844946
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 16.0



#51
3-Nitroaniline
Concen: 42.764 ng/ul
RT: 14.393 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:138 Resp: 580101
Ion Ratio Lower Upper
138 100
108 11.2 9.5 14.3
92 118.8 93.1 139.7

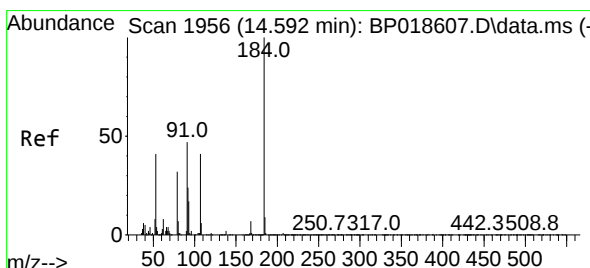
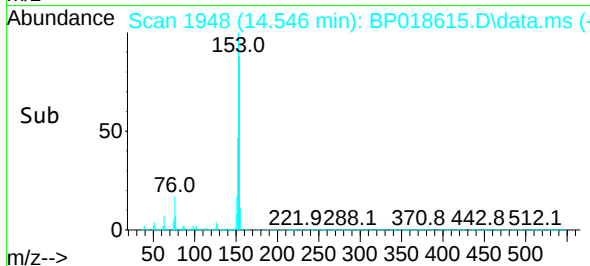
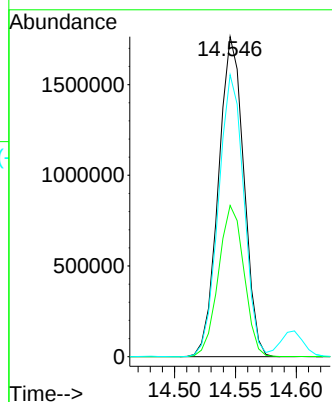
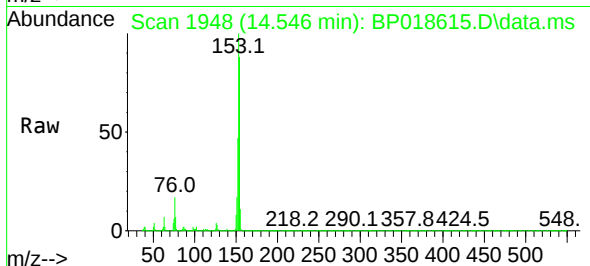




#52
Acenaphthene
Concen: 42.858 ng/ul
RT: 14.546 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

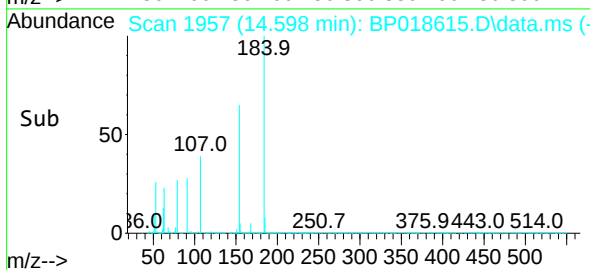
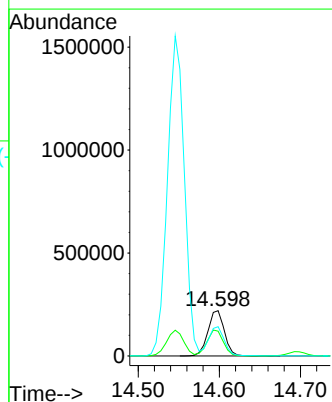
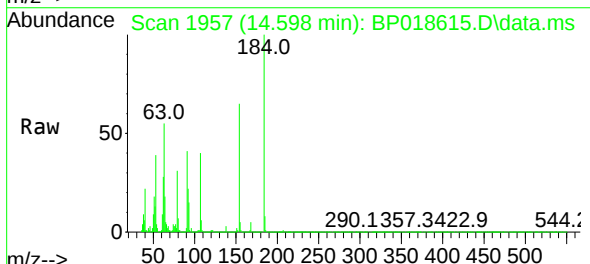
Instrument :
BNA_P
ClientSampleId :
E05N3MS

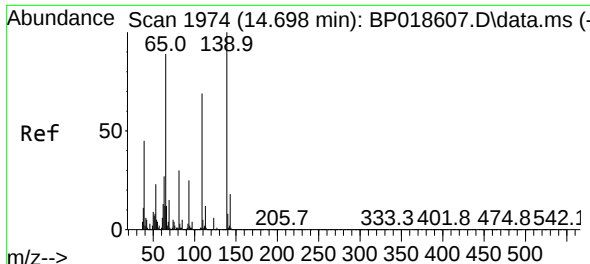
Tgt Ion:153 Resp: 2563474
Ion Ratio Lower Upper
153 100
152 47.3 38.1 57.1
154 88.1 71.7 107.5



#53
2,4-Dinitrophenol
Concen: 42.901 ng/ul
RT: 14.598 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:184 Resp: 308976
Ion Ratio Lower Upper
184 100
63 54.9 48.2 72.4
154 64.7 49.1 73.7

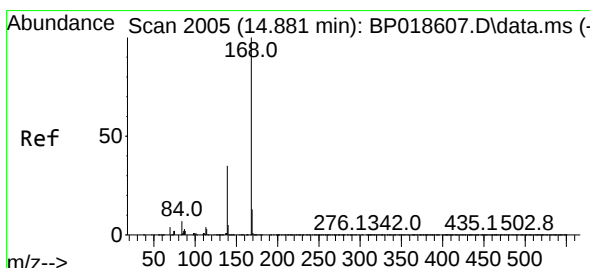
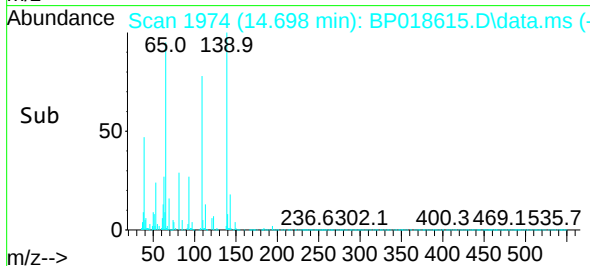
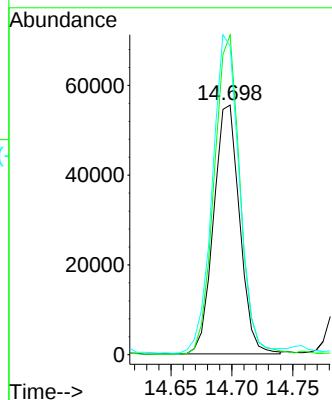
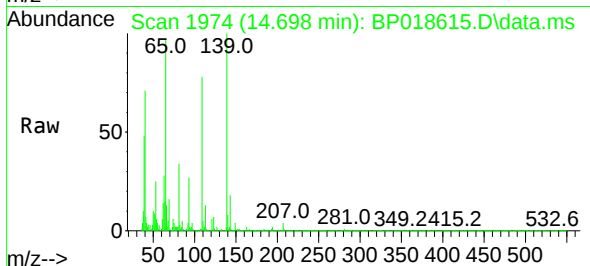




#55
4-Nitrophenol
Concen: 9.080 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

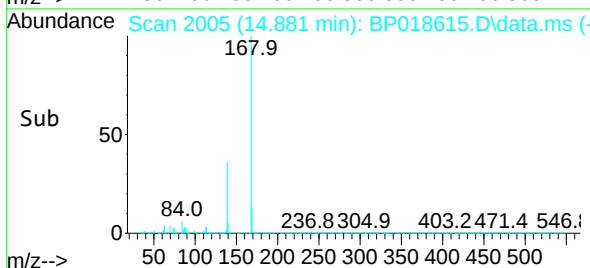
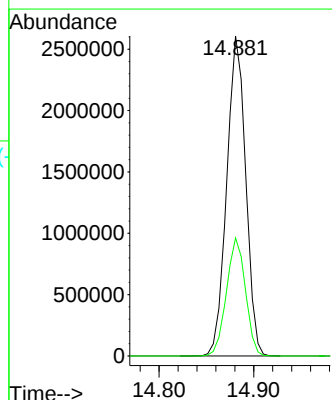
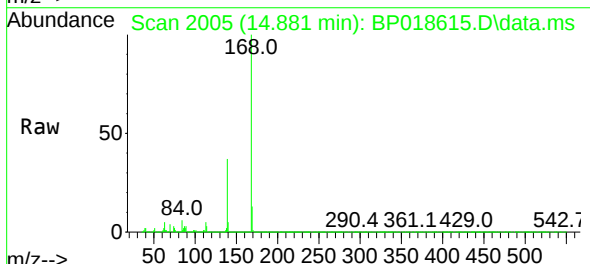
Instrument :
BNA_P
ClientSampleId :
E05N3MS

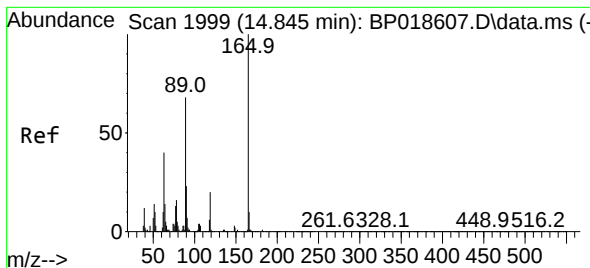
Tgt Ion:109 Resp: 82279
Ion Ratio Lower Upper
109 100
139 128.1 109.0 163.4
65 123.7 106.2 159.4



#56
Dibenzofuran
Concen: 43.714 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:168 Resp: 3633935
Ion Ratio Lower Upper
168 100
139 36.9 29.1 43.7





#57

2,4-Dinitrotoluene

Concen: 48.686 ng/ul

RT: 14.851 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

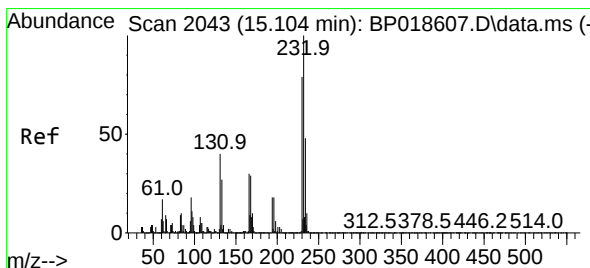
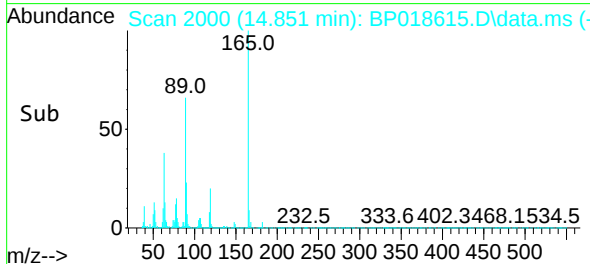
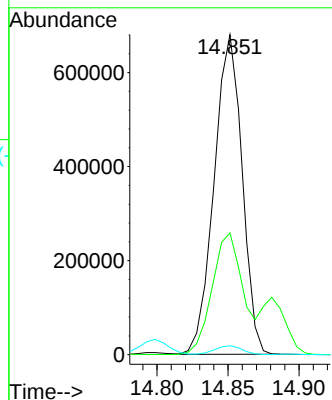
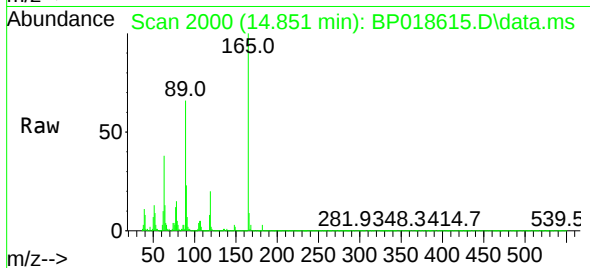
Tgt Ion:165 Resp: 930645

Ion Ratio Lower Upper

165 100

63 38.0 32.7 49.1

182 2.8 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.474 ng/ul

RT: 15.104 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Tgt Ion:232 Resp: 824946

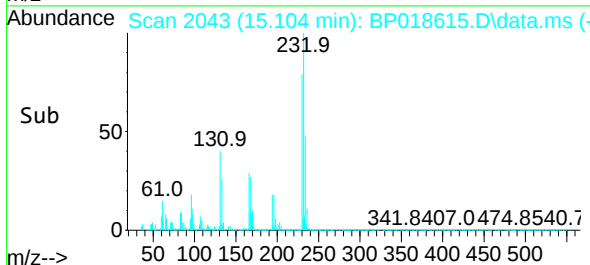
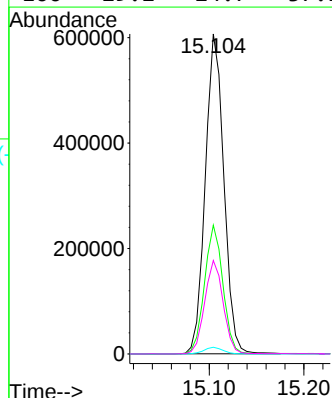
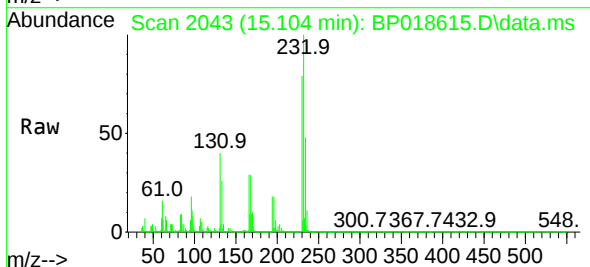
Ion Ratio Lower Upper

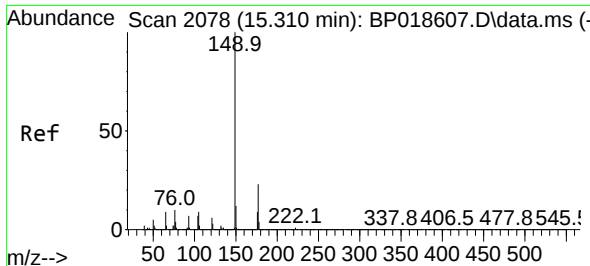
232 100

131 40.2 33.8 50.8

130 2.1 1.8 2.8

166 29.2 24.7 37.1

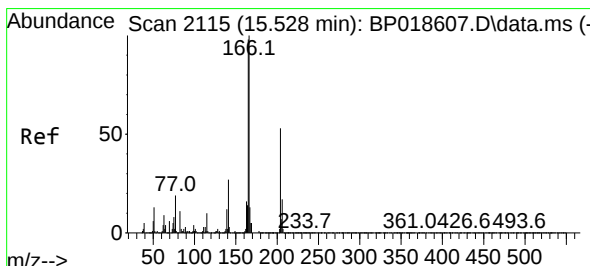
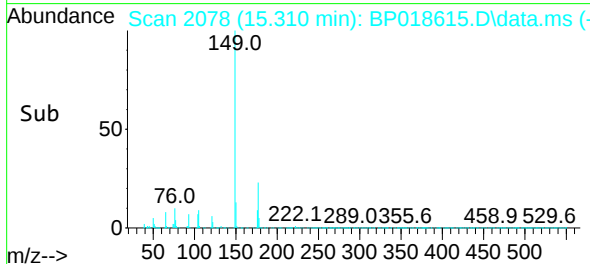
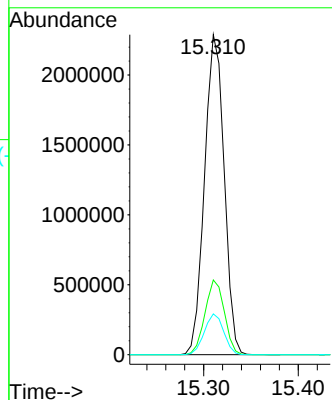
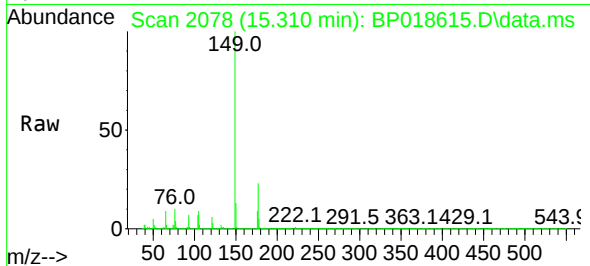




#59
Diethylphthalate
Concen: 46.695 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

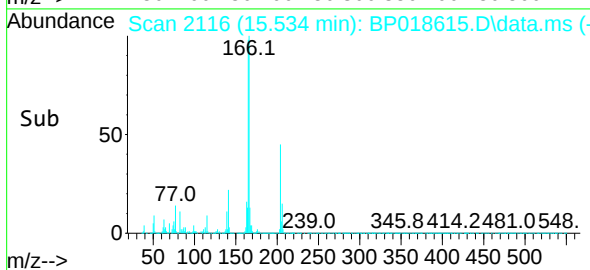
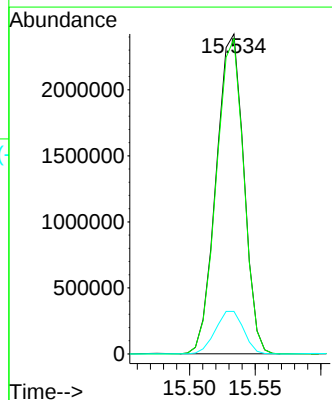
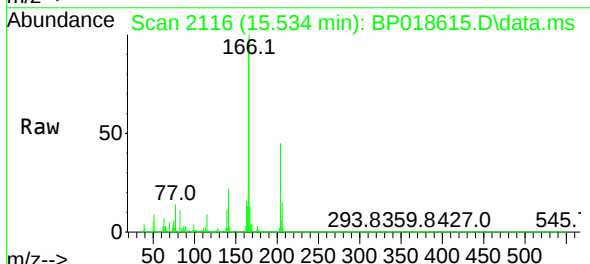
Instrument :
BNA_P
ClientSampleId :
E05N3MS

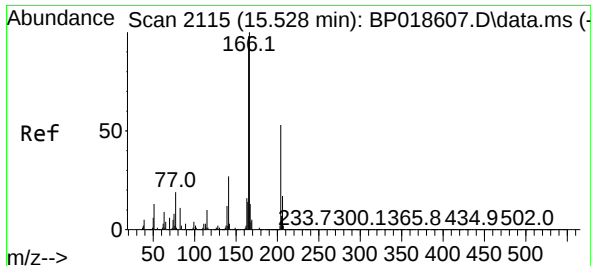
Tgt Ion:149 Resp: 3286550
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.7 9.9 14.9



#61
Fluorene
Concen: 53.868 ng/ul
RT: 15.534 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:166 Resp: 3543426
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.3 10.8 16.2

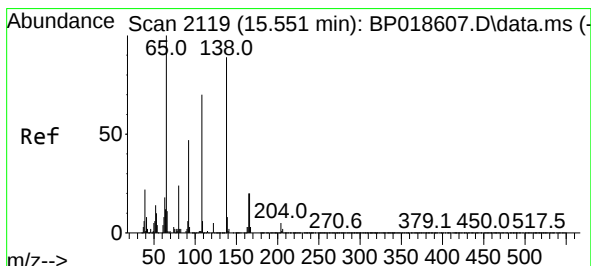
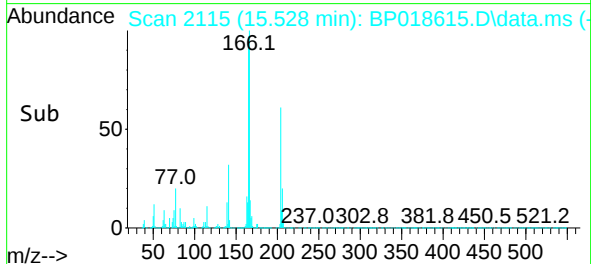
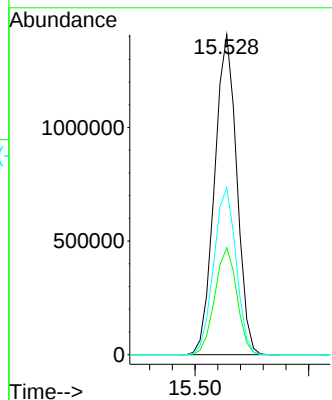
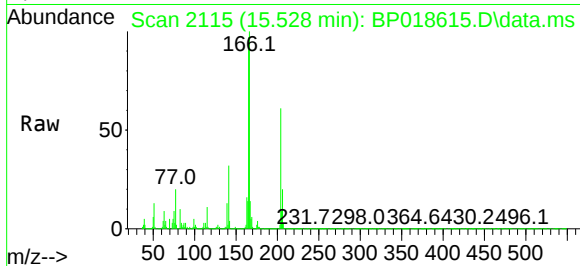




#62
4-Chlorophenyl-phenylether
Concen: 55.549 ng/ul
RT: 15.528 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

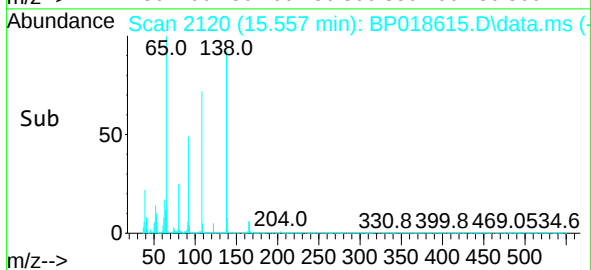
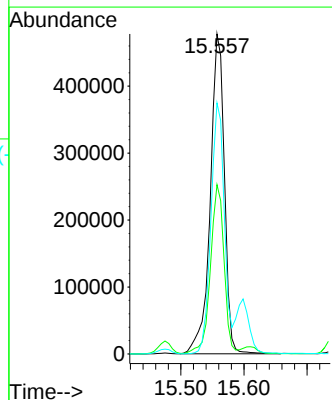
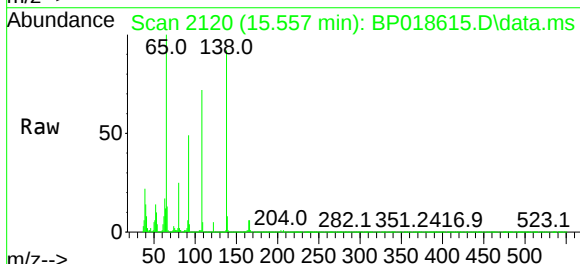
Instrument :
BNA_P
ClientSampleId :
E05N3MS

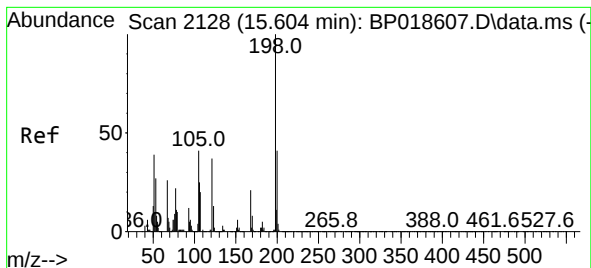
Tgt Ion:204 Resp: 1916367
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 52.2 45.8 68.8



#63
4-Nitroaniline
Concen: 57.707 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:138 Resp: 745749
Ion Ratio Lower Upper
138 100
92 52.9 42.3 63.5
108 78.5 62.0 93.0

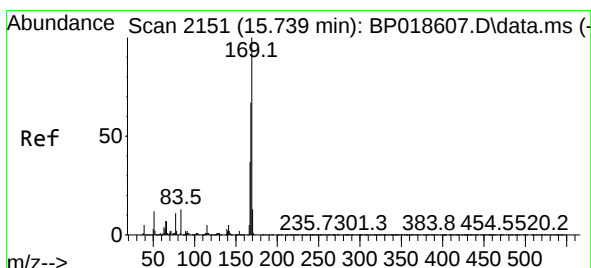
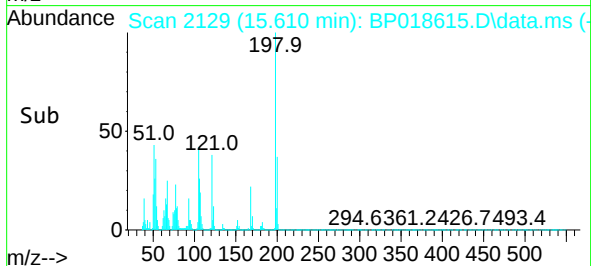
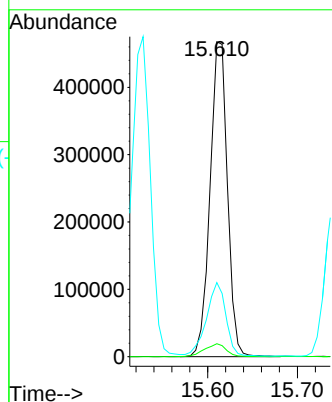
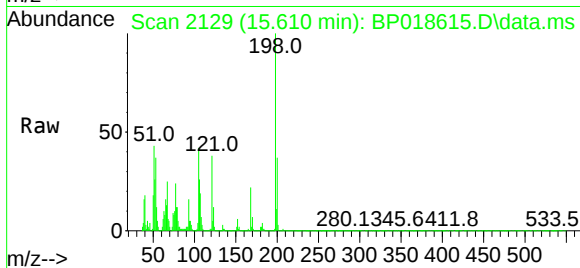




#66
4,6-Dinitro-2-methylphenol
Concen: 47.930 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

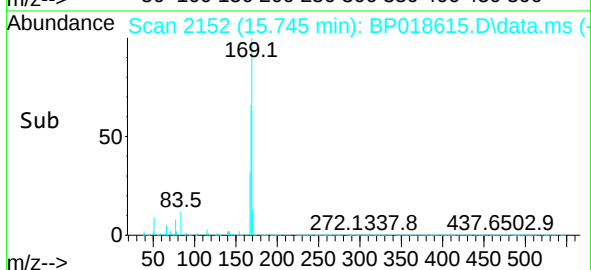
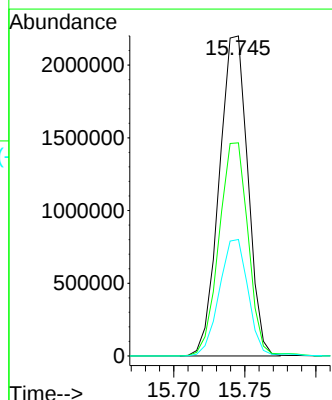
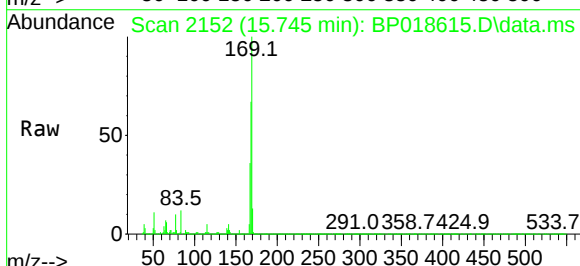
Instrument :
BNA_P
ClientSampleId :
E05N3MS

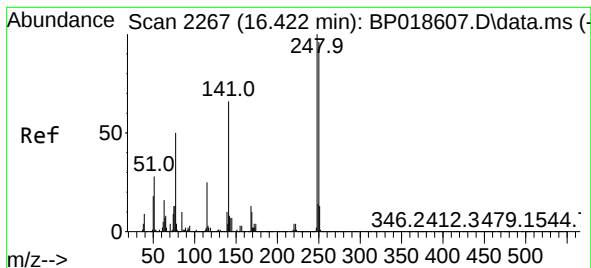
Tgt Ion:198 Resp: 629096
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 23.5 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 45.517 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:169 Resp: 3088121
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.4 29.1 43.7

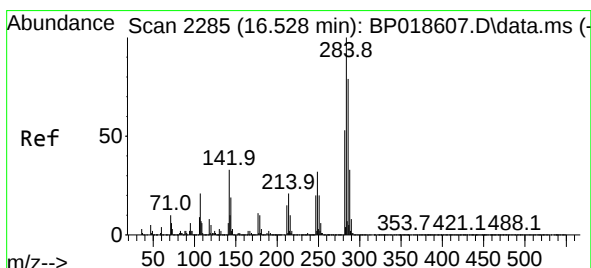
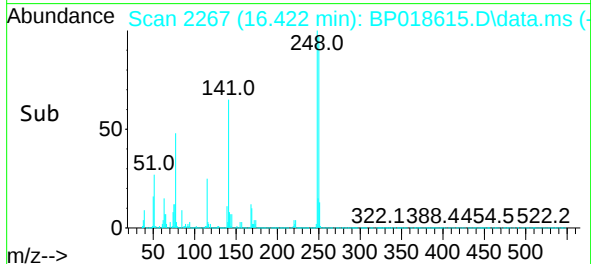
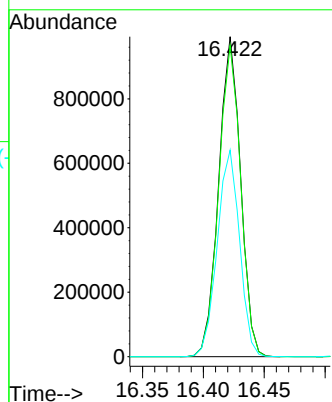
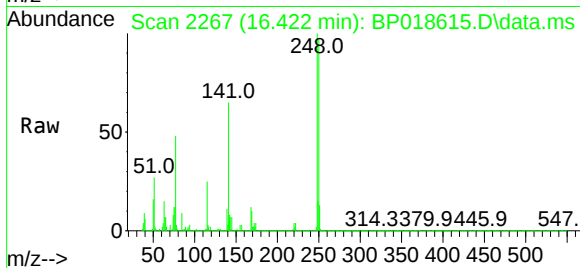




#68
4-Bromophenyl-phenylether
Concen: 48.179 ng/ul
RT: 16.422 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

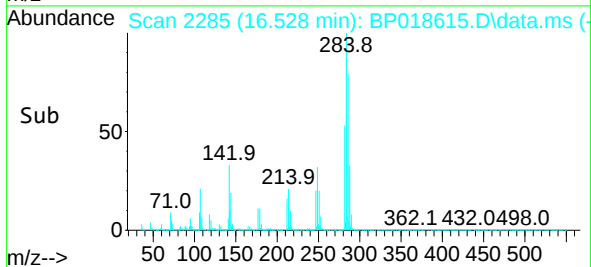
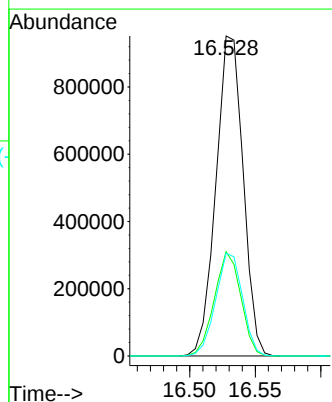
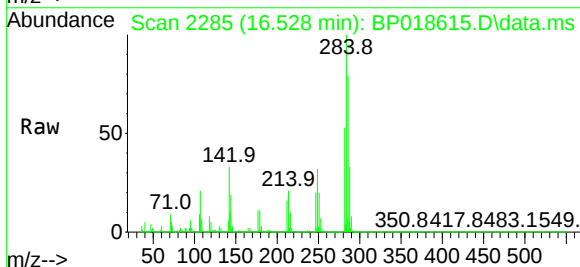
Instrument :
BNA_P
ClientSampleId :
E05N3MS

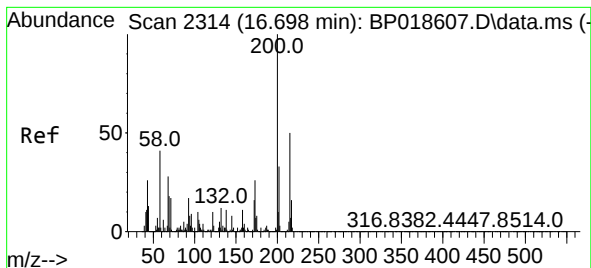
Tgt Ion:248 Resp: 1245335
Ion Ratio Lower Upper
248 100
250 97.2 79.3 118.9
141 64.5 57.2 85.8



#69
Hexachlorobenzene
Concen: 47.557 ng/ul
RT: 16.528 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:284 Resp: 1372466
Ion Ratio Lower Upper
284 100
142 32.6 25.8 38.6
249 32.1 24.9 37.3





#70

Atrazine

Concen: 46.881 ng/ul

RT: 16.698 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

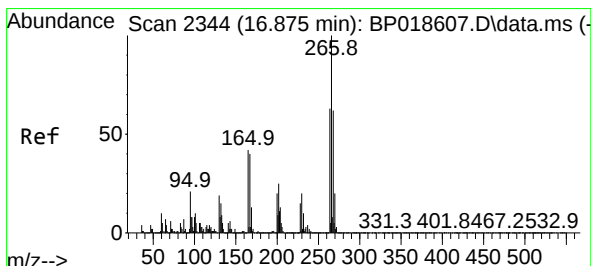
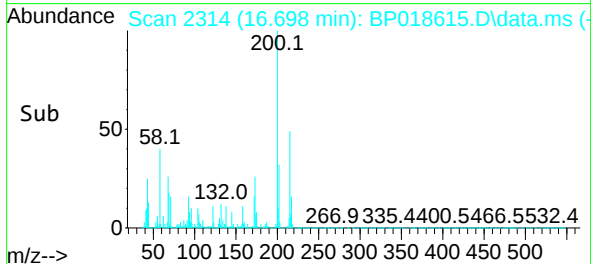
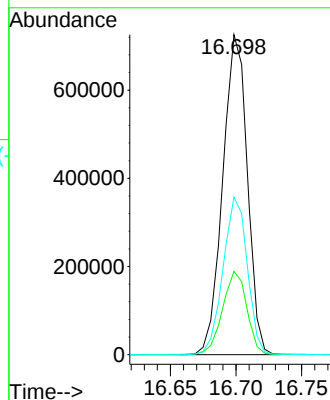
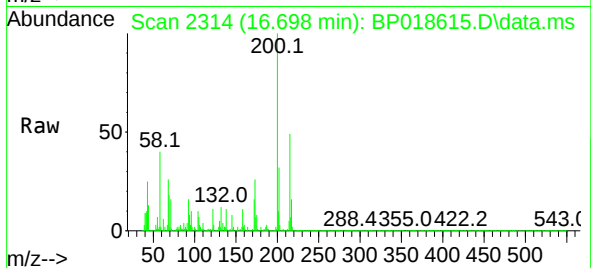
Tgt Ion:200 Resp: 945635

Ion Ratio Lower Upper

200 100

173 26.0 21.0 31.4

215 49.3 38.2 57.2



#71

Pentachlorophenol

Concen: 45.623 ng/ul

RT: 16.875 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

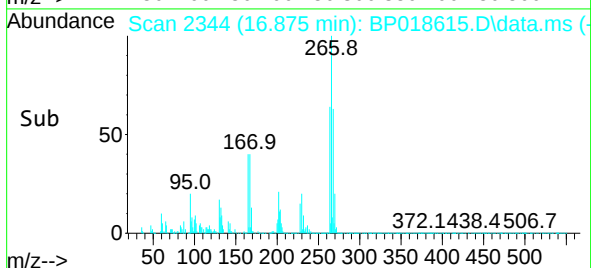
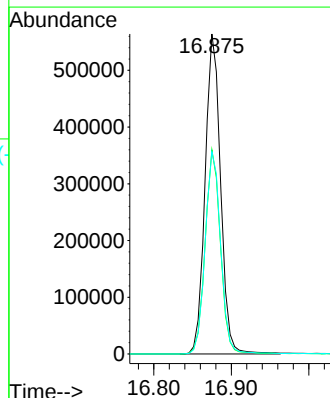
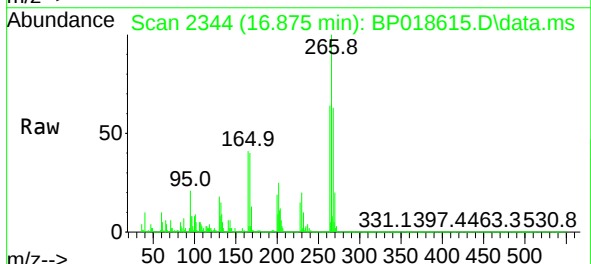
Tgt Ion:266 Resp: 783061

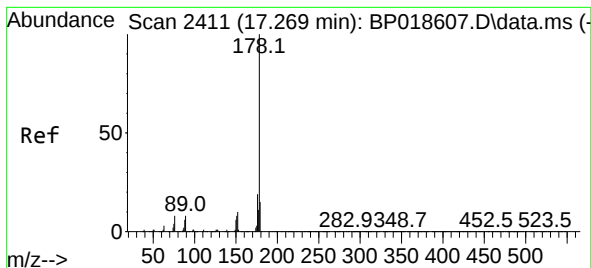
Ion Ratio Lower Upper

266 100

264 63.8 50.2 75.2

268 63.3 50.5 75.7





#72

Phenanthrene

Concen: 44.783 ng/ul

RT: 17.275 min Scan# 2411

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

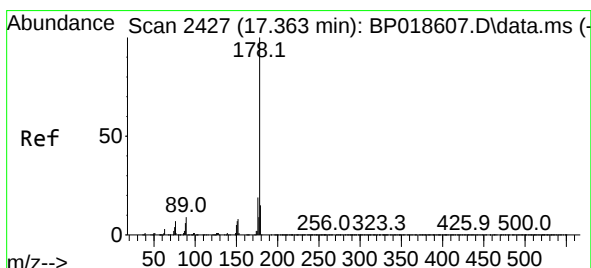
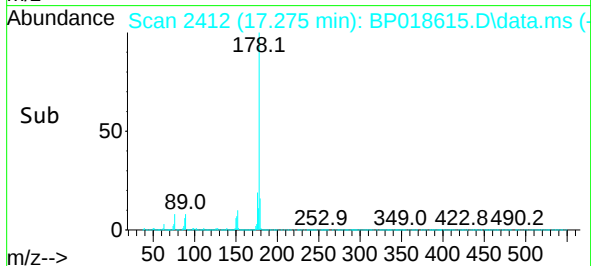
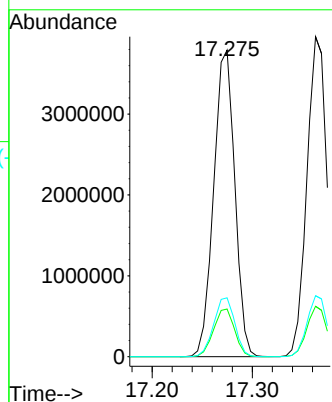
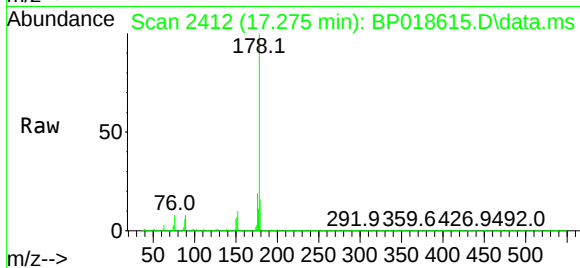
Tgt Ion:178 Resp: 5537689

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 19.2 15.4 23.2



#74

Anthracene

Concen: 44.174 ng/ul

RT: 17.363 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

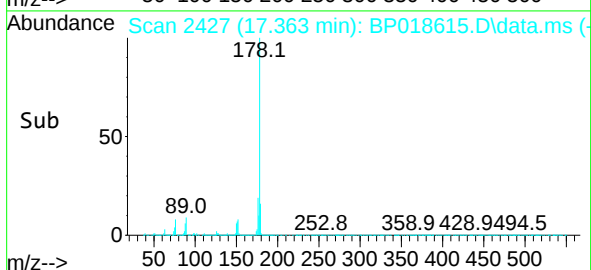
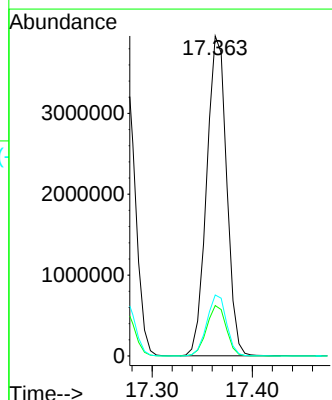
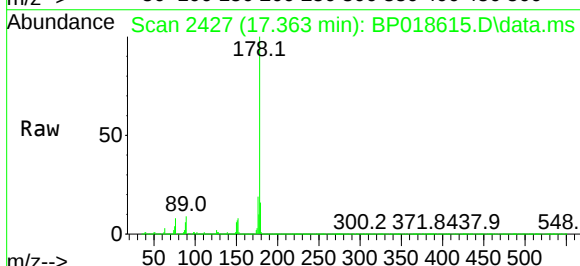
Tgt Ion:178 Resp: 5475384

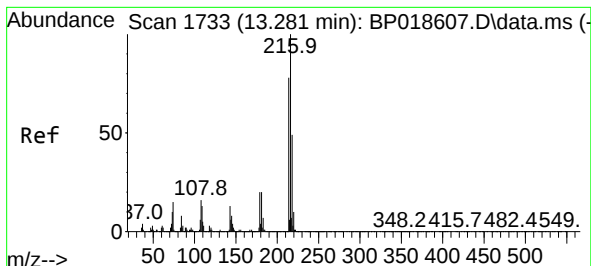
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.0 15.0 22.6

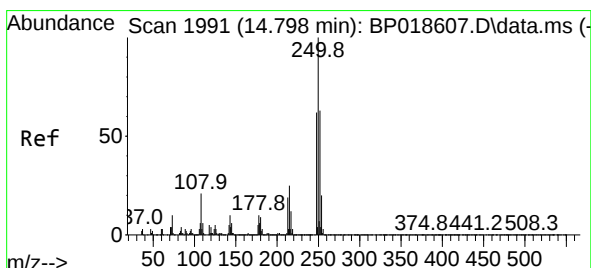
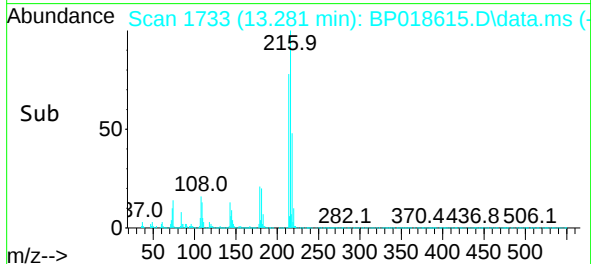
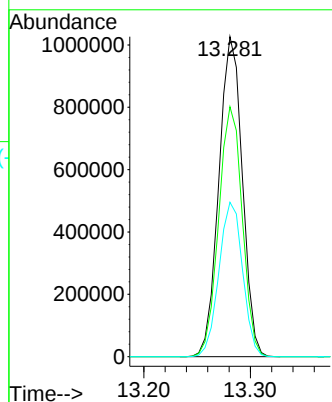
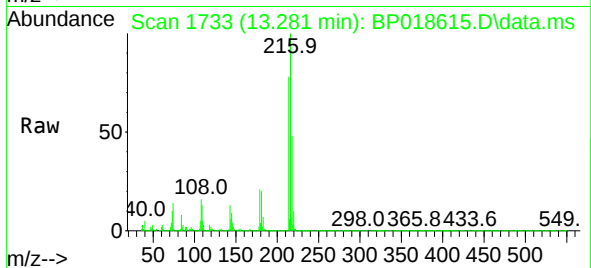




#75
1,2,3,4-Tetrachlorobenzene
Concen: 44.315 ng/uL
RT: 13.281 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

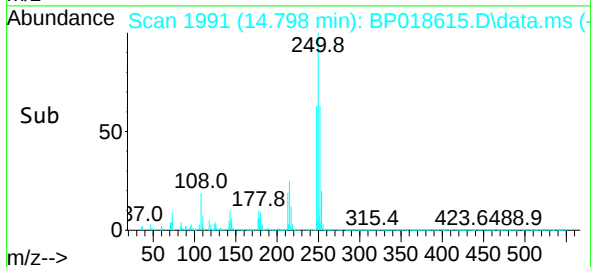
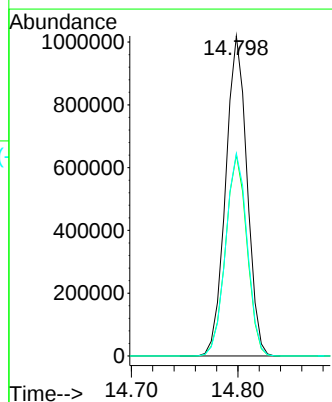
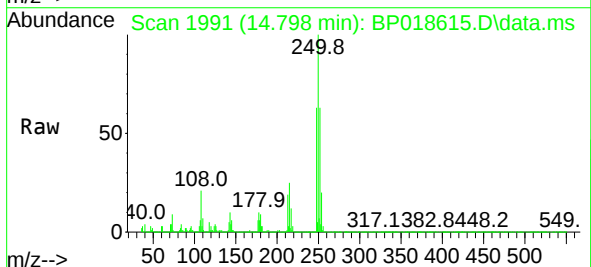
Instrument :
BNA_P
ClientSampleId :
E05N3MS

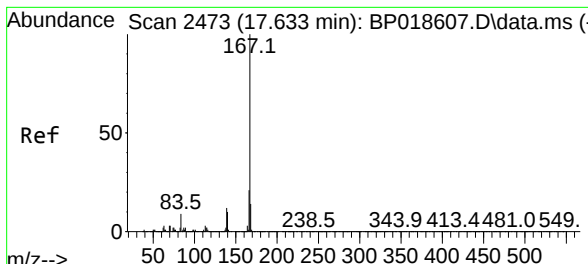
Tgt Ion:216 Resp: 1568864
Ion Ratio Lower Upper
216 100
214 78.1 61.4 92.2
218 48.3 39.2 58.8



#76
Pentachlorobenzene
Concen: 40.777 ng/uL
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:250 Resp: 1418018
Ion Ratio Lower Upper
250 100
248 62.9 50.6 75.8
252 63.3 51.3 76.9



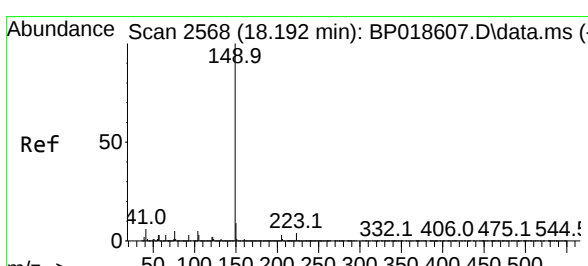
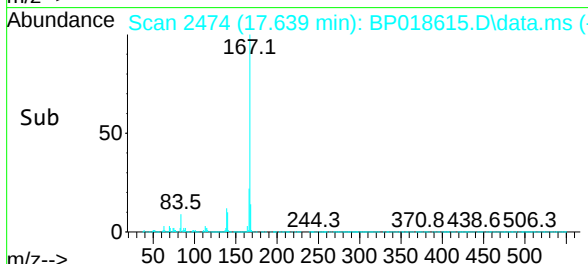
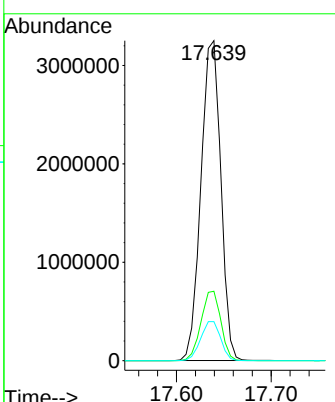
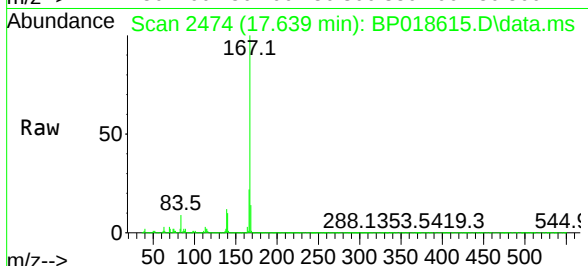


#77
 Carbazole
 Concen: 48.013 ng/ul
 RT: 17.639 min Scan# 2473
 Delta R.T. 0.000 min
 Lab File: BP018615.D
 Acq: 05 Dec 2023 21:56

Instrument :
 BNA_P
 ClientSampleId :
 E05N3MS

Tgt Ion:167 Resp: 4743030

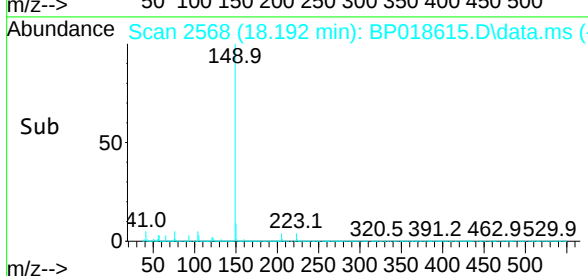
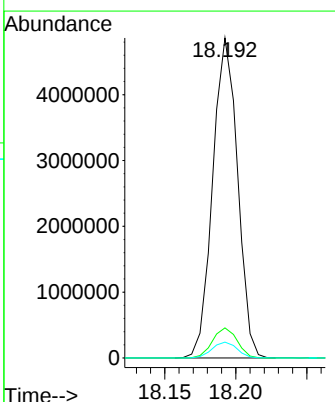
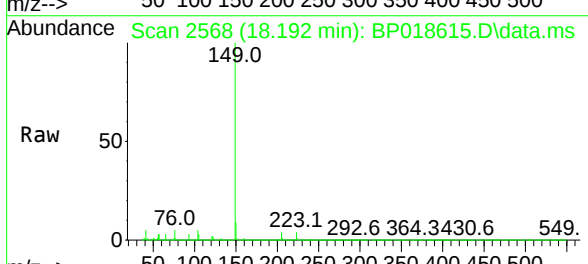
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.2	10.2	15.4

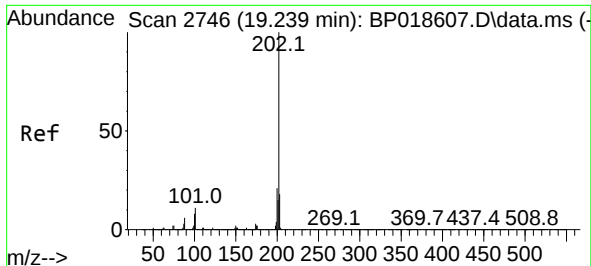


#78
 Di-n-butylphthalate
 Concen: 44.989 ng/ul
 RT: 18.192 min Scan# 2568
 Delta R.T. 0.000 min
 Lab File: BP018615.D
 Acq: 05 Dec 2023 21:56

Tgt Ion:149 Resp: 5917822

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	3.9	5.9

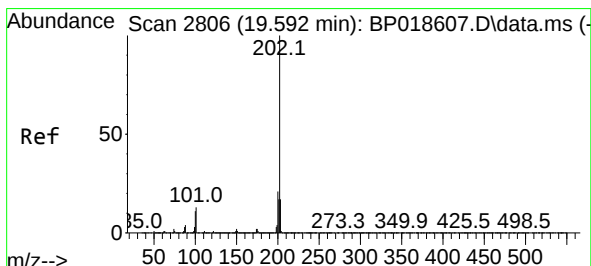
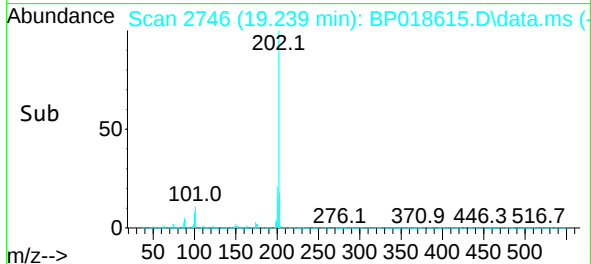
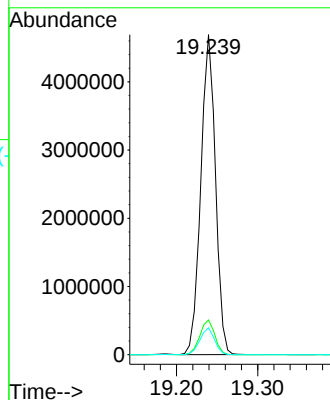
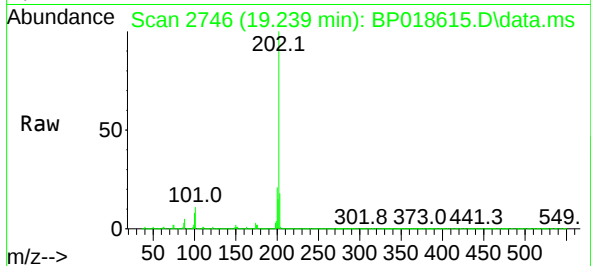




#80
Fluoranthene
Concen: 42.320 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

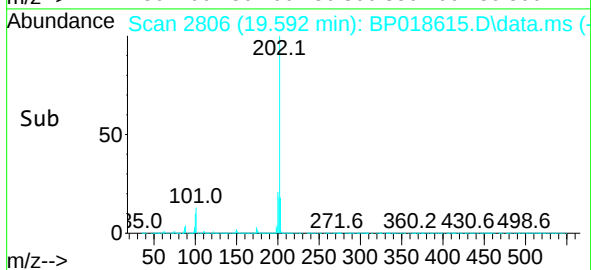
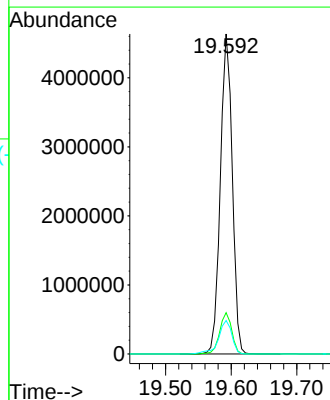
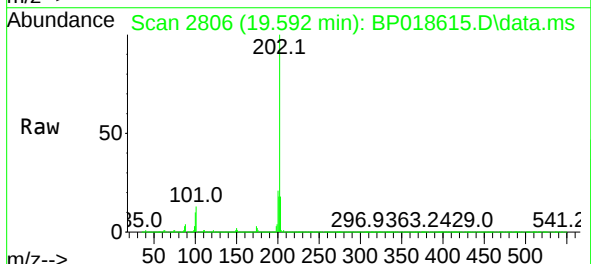
Instrument :
BNA_P
ClientSampleId :
E05N3MS

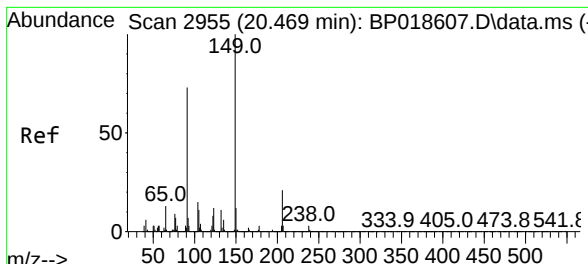
Tgt Ion:202 Resp: 5877241
Ion Ratio Lower Upper
202 100
101 10.9 9.1 13.7
100 8.4 7.1 10.7



#82
Pyrene
Concen: 41.472 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP018615.D
Acq: 05 Dec 2023 21:56

Tgt Ion:202 Resp: 5810309
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.4 9.1 13.7



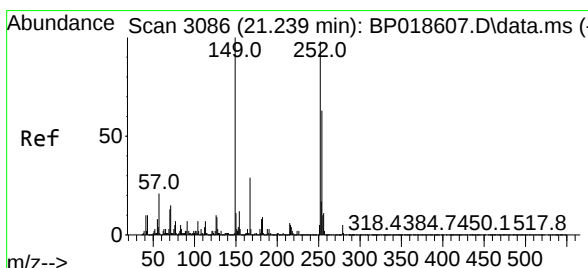
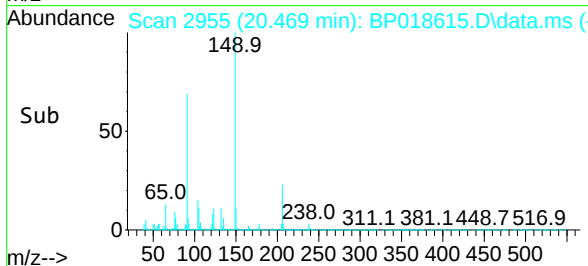
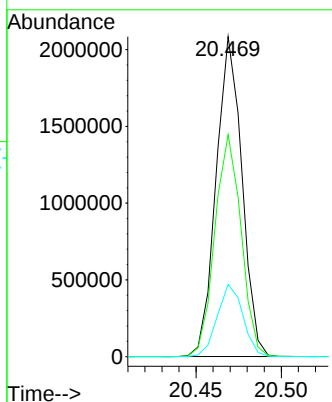
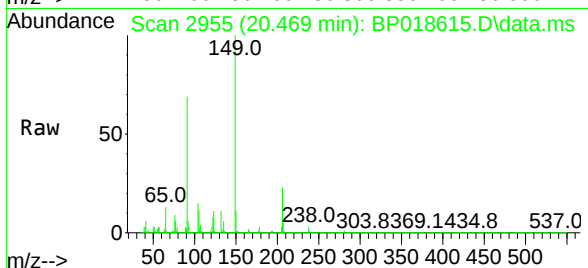


#83
 Butylbenzylphthalate
 Concen: 42.850 ng/ul
 RT: 20.469 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BP018615.D
 Acq: 05 Dec 2023 21:56

Instrument :
 BNA_P
 ClientSampleId :
 E05N3MS

Tgt Ion:149 Resp: 2197757

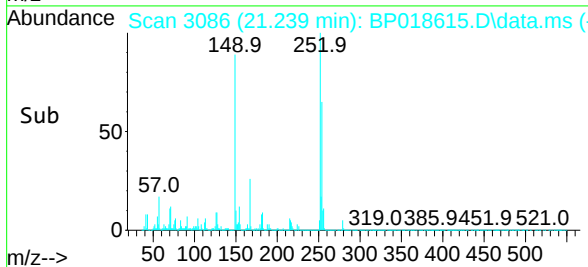
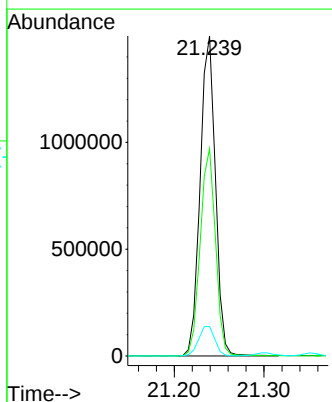
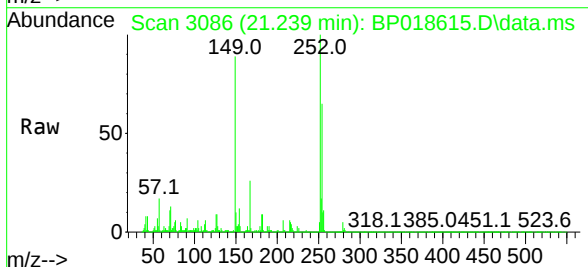
Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.6	85.0
206	22.6	17.4	26.0

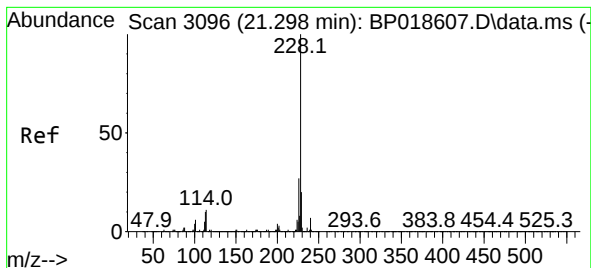


#84
 3,3'-Dichlorobenzidine
 Concen: 48.316 ng/ul
 RT: 21.239 min Scan# 3086
 Delta R.T. 0.000 min
 Lab File: BP018615.D
 Acq: 05 Dec 2023 21:56

Tgt Ion:252 Resp: 1772132

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.0	76.4
126	9.2	7.8	11.6





#85

Benzo(a)anthracene

Concen: 45.637 ng/ul

RT: 21.298 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

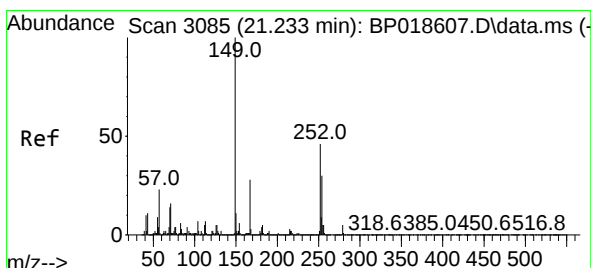
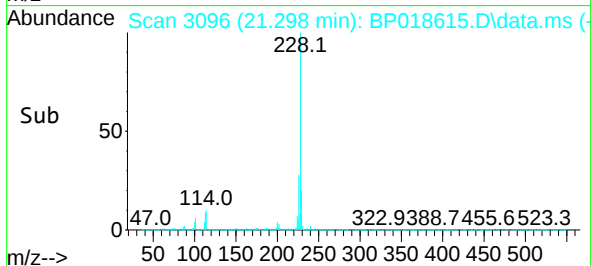
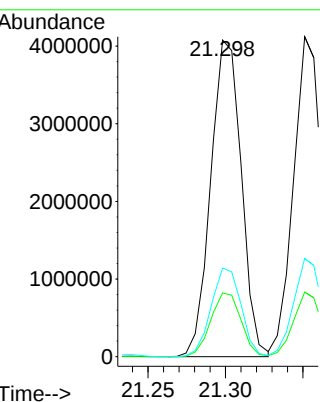
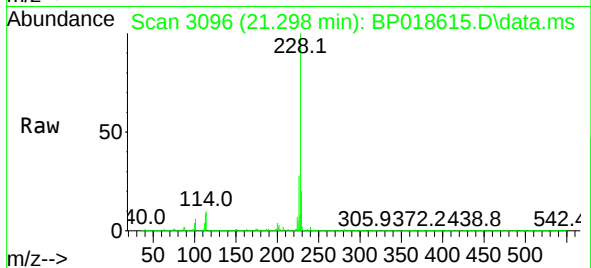
Tgt Ion:228 Resp: 5591029

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 28.0 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.212 ng/ul

RT: 21.228 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

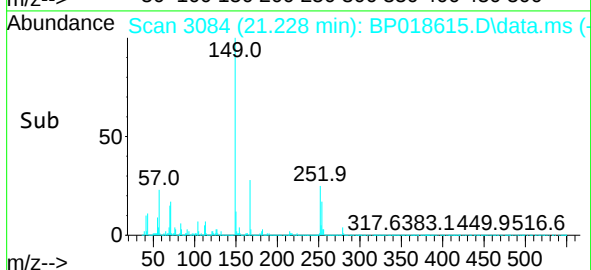
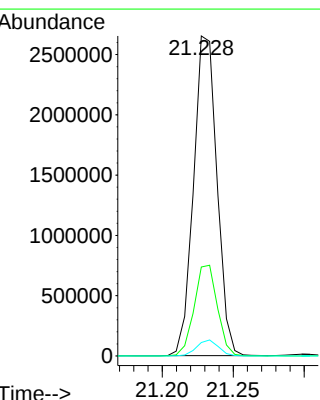
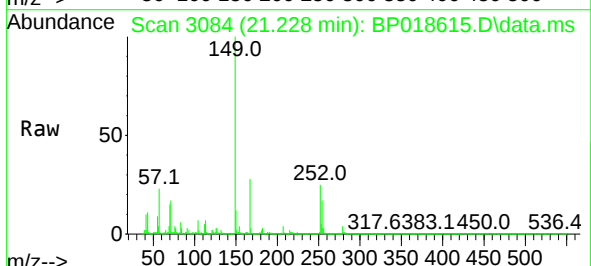
Tgt Ion:149 Resp: 3046248

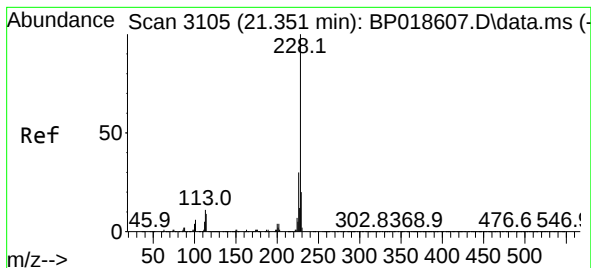
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 4.2 3.3 4.9





#87

Chrysene

Concen: 46.050 ng/ul

RT: 21.351 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

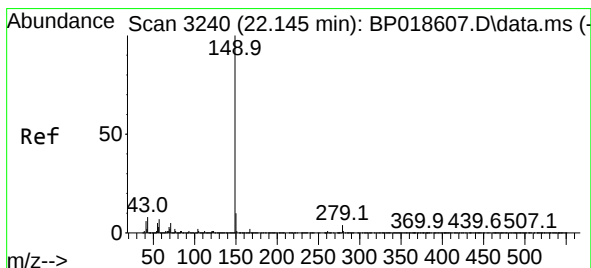
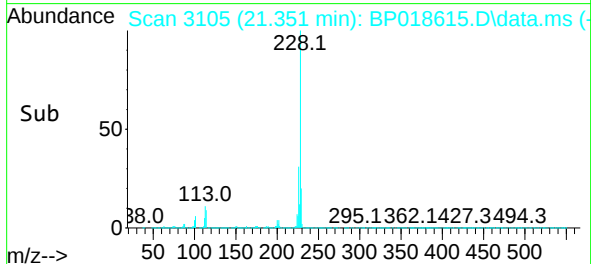
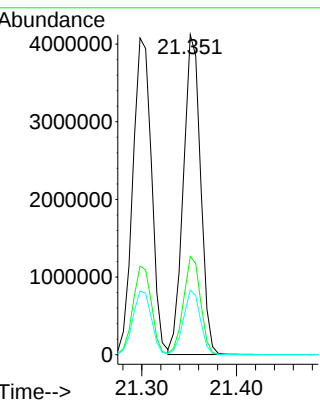
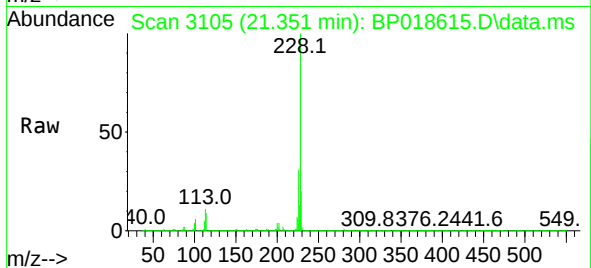
Tgt Ion:228 Resp: 5195231

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 20.2 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 40.518 ng/ul

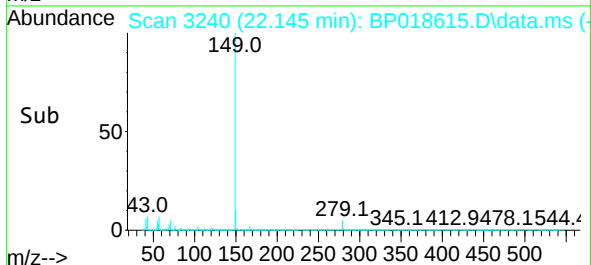
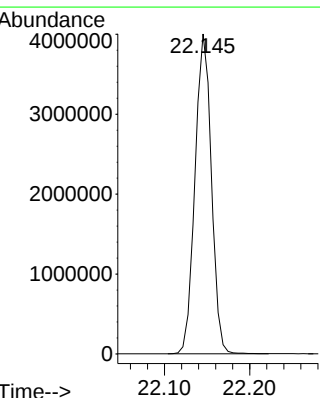
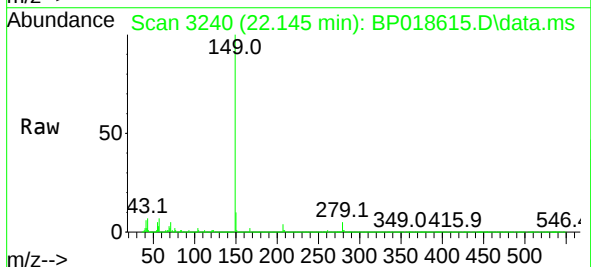
RT: 22.145 min Scan# 3240

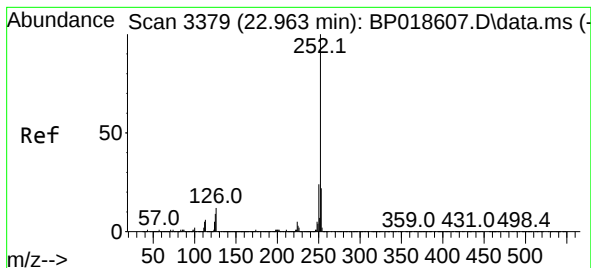
Delta R.T. -0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Tgt Ion:149 Resp: 5340061





#90

Benzo(b)fluoranthene

Concen: 43.959 ng/u1

RT: 22.963 min Scan# 3379

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

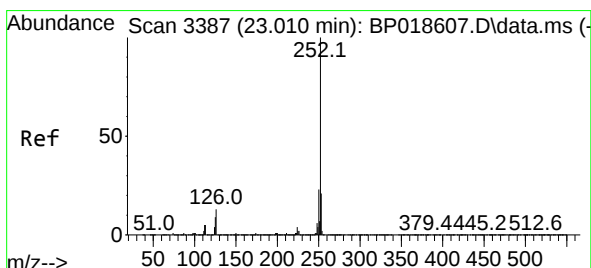
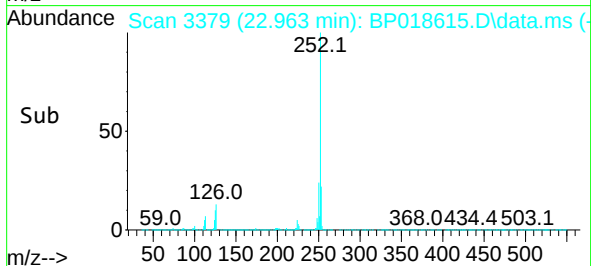
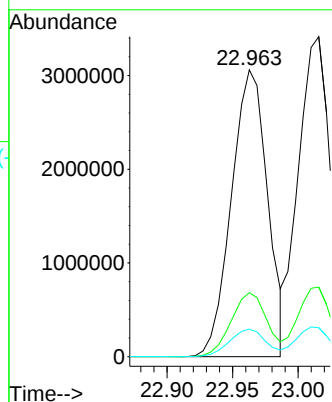
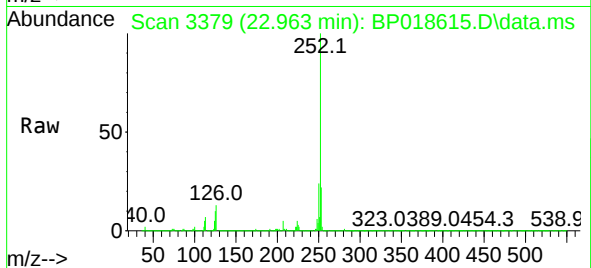
Tgt Ion:252 Resp: 5850586

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 9.6 7.8 11.6



#91

Benzo(k)fluoranthene

Concen: 45.497 ng/u1

RT: 23.016 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

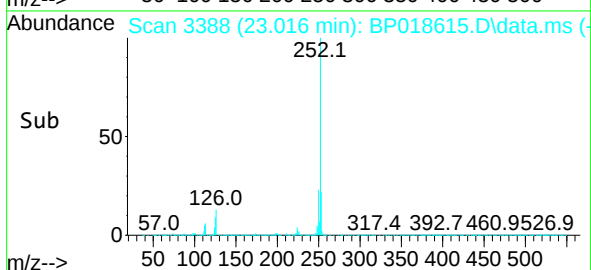
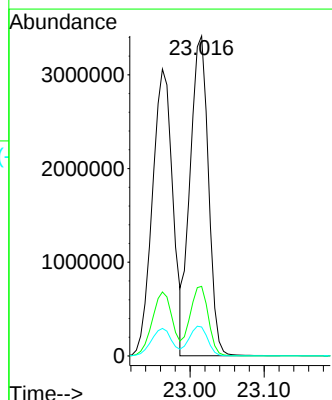
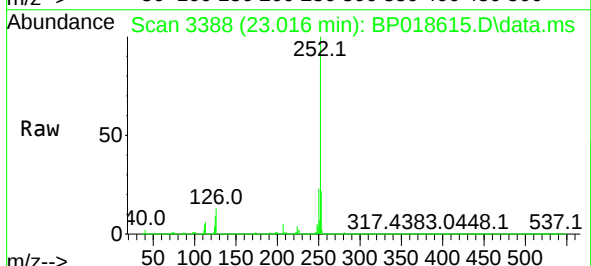
Tgt Ion:252 Resp: 5858823

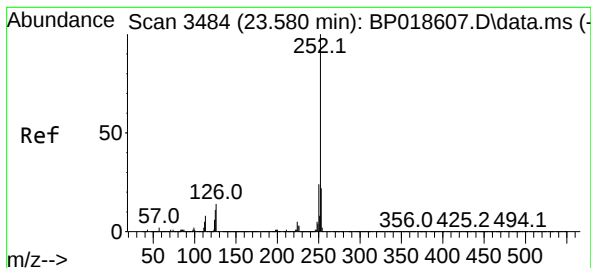
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.0 8.0 12.0





#93

Benzo(a)pyrene

Concen: 46.223 ng/ul

RT: 23.586 min Scan# 3484

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

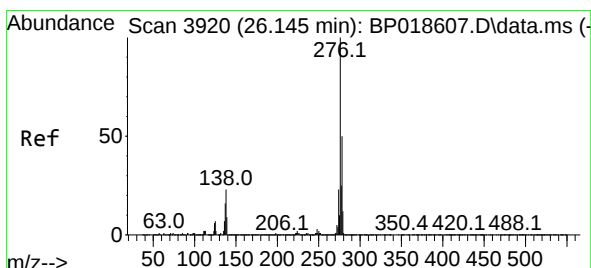
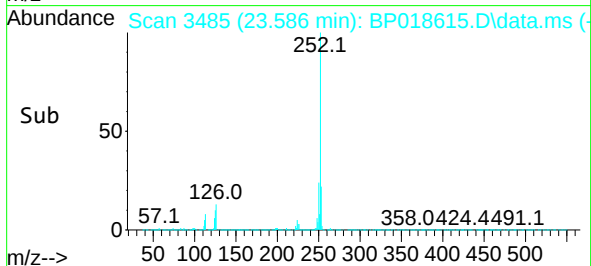
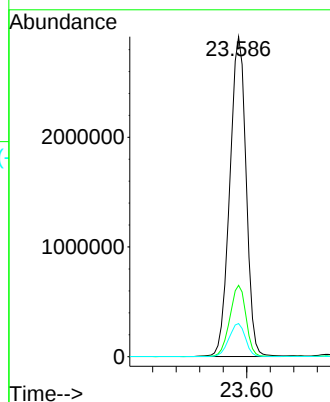
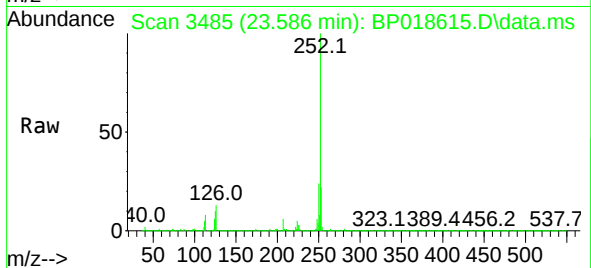
Tgt Ion:252 Resp: 5621151

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 10.4 9.2 13.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 49.748 ng/ul

RT: 26.163 min Scan# 3923

Delta R.T. 0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

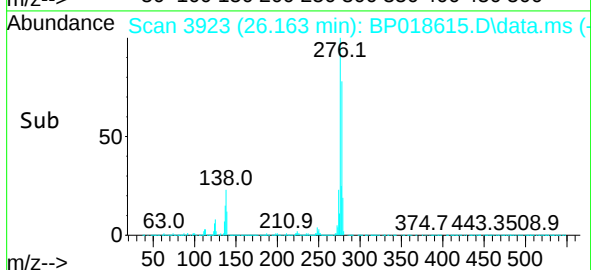
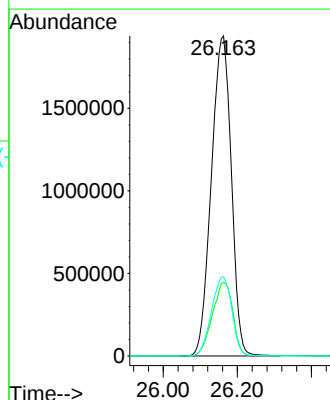
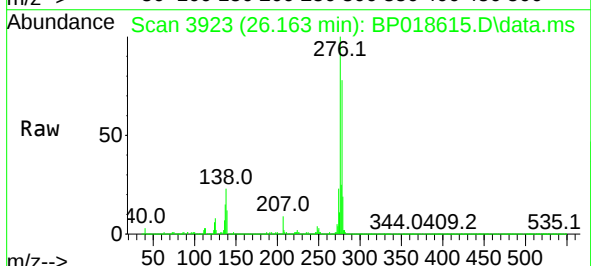
Tgt Ion:276 Resp: 7228217

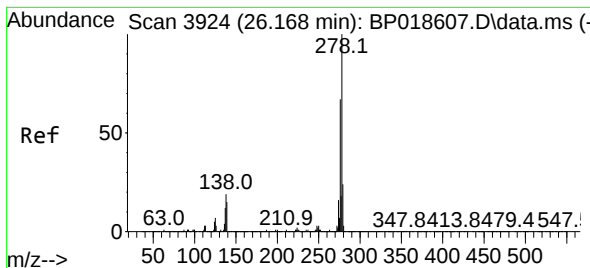
Ion Ratio Lower Upper

276 100

138 23.0 19.4 29.2

277 24.7 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 49.409 ng/ul

RT: 26.180 min Scan# 3924

Delta R.T. 0.000 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Instrument :

BNA_P

ClientSampleId :

E05N3MS

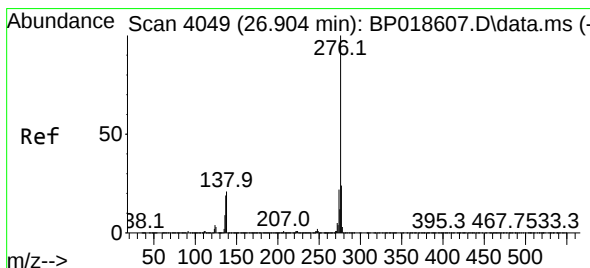
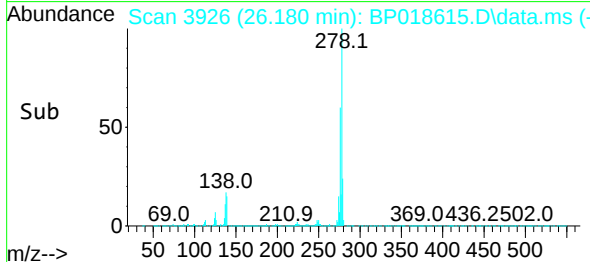
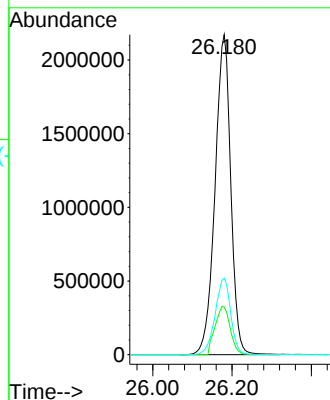
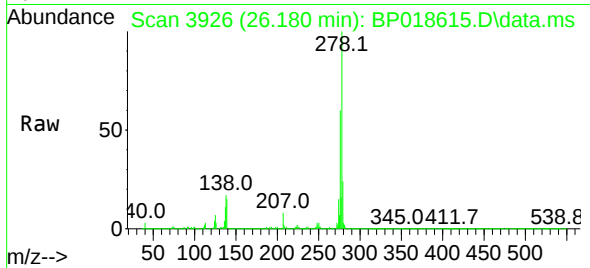
Tgt Ion:278 Resp: 5971977

Ion Ratio Lower Upper

278 100

139 14.9 13.0 19.6

279 23.9 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 49.896 ng/ul

RT: 26.921 min Scan# 4052

Delta R.T. 0.006 min

Lab File: BP018615.D

Acq: 05 Dec 2023 21:56

Tgt Ion:276 Resp: 5834448

Ion Ratio Lower Upper

276 100

138 19.6 18.1 27.1

277 23.8 19.4 29.0

