

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010484.D
 Acq On : 23 May 2022 19:26
 Operator : CG/JU
 Sample : N2918-20MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P017-SS001-1824-01MSD

Quant Time: May 23 23:20:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	186389	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.693	136	823160	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	540428	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1154642	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	1033140	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	815668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	199	0.046	ng/uL	0.07
4) Pyridine-d5	3.758	84	138248	11.135	ng/ul	0.00
7) Phenol-d5	7.058	99	117569	7.515	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	390392	37.142	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	341218	28.504	ng/ul	-0.01
15) 4-Methylphenol-d8	8.605	113	236098	17.758	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	249325	39.136	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	260151	38.533	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	434398	34.028	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	597332	31.469	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1606793	40.354	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1790740	38.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	57056	8.051	ng/ul	0.00
60) Fluorene-d10	15.516	176	1378560	39.797	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	281442	41.678	ng/ul	0.00
73) Anthracene-d10	17.375	188	2199122	42.061	ng/ul	0.00
81) Pyrene-d10	19.610	212	2577097	46.970	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	1814165	44.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	22369	4.938	ng/uL#	14
5) Pyridine	3.781	79	154022	11.936	ng/ul#	36
6) Benzaldehyde	7.028	77	441807	53.423	ng/ul	94
8) Phenol	7.081	94	134717	7.982	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.311	93	503026	37.908	ng/ul#	73
12) 2-Chlorophenol	7.458	128	364875	29.197	ng/ul	94
13) 2-Methylphenol	8.334	108	286034	22.703	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	835049	38.612	ng/ul#	83
16) Acetophenone	8.716	105	806472	38.608	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.699	70	451219	40.362	ng/ul#	71
18) 4-Methylphenol	8.663	108	264081	18.965	ng/ul	89
19) Hexachloroethane	8.969	117	198282	36.482	ng/ul#	81
22) Nitrobenzene	9.093	77	654718	39.107	ng/ul#	84
23) Isophorone	9.622	82	1250961	40.426	ng/ul#	97
25) 2-Nitrophenol	9.805	139	287916	38.838	ng/ul#	87
27) Bis(2-Chloroethoxy)met...	10.105	93	712369	38.663	ng/ul#	96
29) 2,4-Dichlorophenol	10.340	162	455255	34.880	ng/ul#	84
30) Naphthalene	10.746	128	4735610	110.143	ng/ul	97
32) 4-Chloroaniline	10.852	127	594499	31.559	ng/ul	98
33) Hexachlorobutadiene	11.034	225	333437	36.052	ng/ul	96
35) 4-Chloro-3-methylphenol	11.975	107	501255	32.829	ng/ul#	72
36) 2-Methylnaphthalene	12.352	142	1177947	38.700	ng/ul	91
37) 1-Methylnaphthalene	12.569	142	1249196	40.647	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	646932	39.227	ng/ul	93

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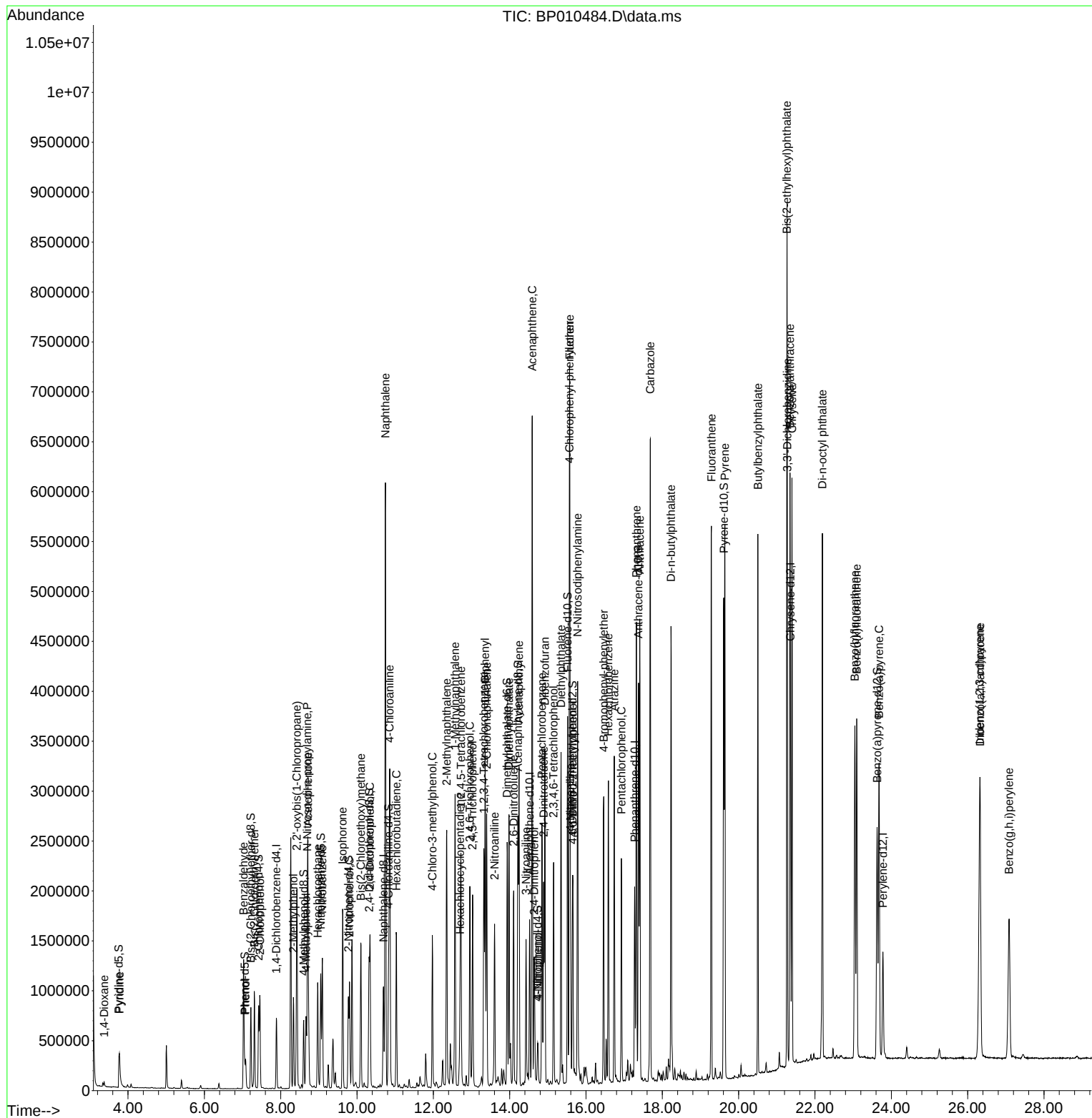
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.699	237	223314	24.906	ng/ul	94
41) 2,4,6-Trichlorophenol	12.957	196	416972	40.561	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.028	196	456229	39.747	ng/ul#	89
43) 1,1'-Biphenyl	13.357	154	1582301	39.889	ng/ul#	92
44) 2-Chloronaphthalene	13.399	162	1217414	39.736	ng/ul	94
45) 2-Nitroaniline	13.604	65	465842	46.199	ng/ul#	78
47) Dimethylphthalate	13.981	163	1639000	41.498	ng/ul#	93
48) 2,6-Dinitrotoluene	14.104	165	370799	46.055	ng/ul	94
50) Acenaphthylene	14.246	152	2018344	40.623	ng/ul	95
51) 3-Nitroaniline	14.428	138	323590	42.823	ng/ul#	81
52) Acenaphthene	14.593	153	2651947	81.820	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	184121	40.961	ng/ul#	74
55) 4-Nitrophenol	14.740	109	53548	8.497	ng/ul#	30
56) Dibenzofuran	14.922	168	2017144	42.466	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	531828	45.886	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.151	232	414880	42.033	ng/ul#	86
59) Diethylphthalate	15.345	149	1737219	43.106	ng/ul	94
61) Fluorene	15.575	166	2152787	55.421	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	816275	40.397	ng/ul	94
63) 4-Nitroaniline	15.593	138	368761	49.424	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.657	198	284032	42.177	ng/ul#	85
67) N-Nitrosodiphenylamine	15.781	169	1409277	43.522	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	515424	43.345	ng/ul	94
69) Hexachlorobenzene	16.587	284	583088	42.630	ng/ul#	90
70) Atrazine	16.740	200	565468	43.591	ng/ul#	89
71) Pentachlorophenol	16.928	266	366570	42.712	ng/ul#	82
72) Phenanthrene	17.322	178	2705891	43.912	ng/ul	99
74) Anthracene	17.410	178	2653911	42.931	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	665716	37.938	ng/uL#	86
76) Pentachlorobenzene	14.845	250	652754	40.999	ng/uL	92
77) Carbazole	17.687	167	4226860	77.803	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	3071684	46.422	ng/ul#	93
80) Fluoranthene	19.286	202	3216851	50.452	ng/ul	96
82) Pyrene	19.639	202	3204710	48.163	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	1452470	54.590	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.275	252	805029	38.769	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2911764	45.070	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2098248	53.741	ng/ul#	80
87) Chrysene	21.398	228	2806459	44.163	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	3542080	57.887	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2530423	46.543	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	2412607	46.691	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	2276564	45.070	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.315	276	2236226	47.059	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.327	278	1935477	46.940	ng/ul#	95
96) Benzo(g,h,i)perylene	27.086	276	1871497	47.166	ng/ul#	91

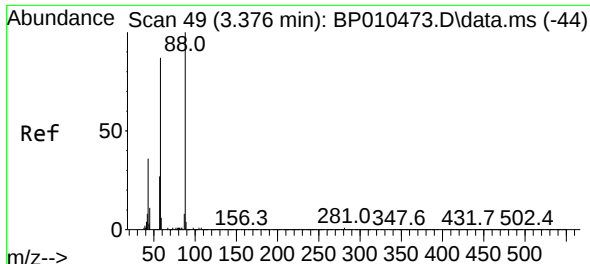
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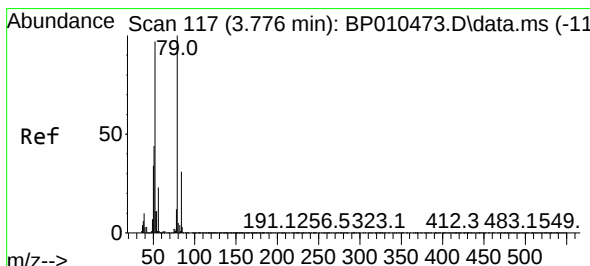
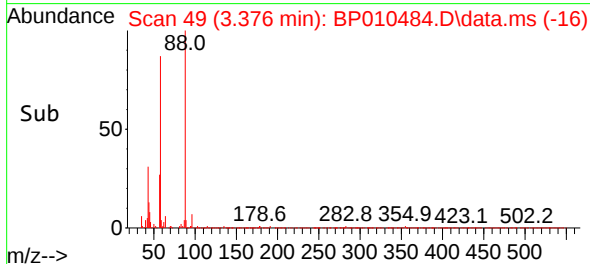
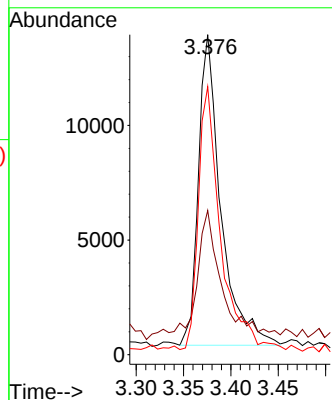
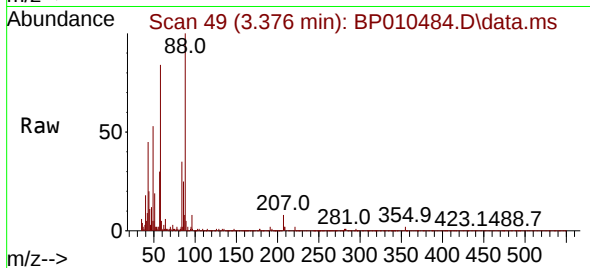




#2
1,4-Dioxane
Concen: 4.938 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. -0.005 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

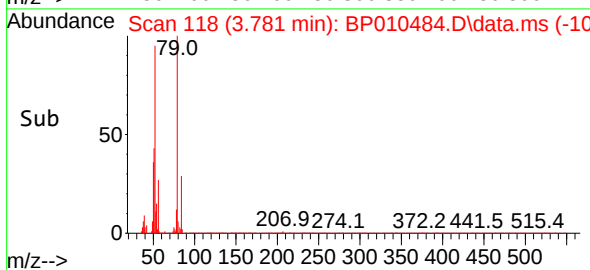
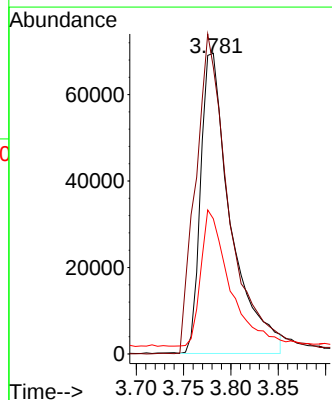
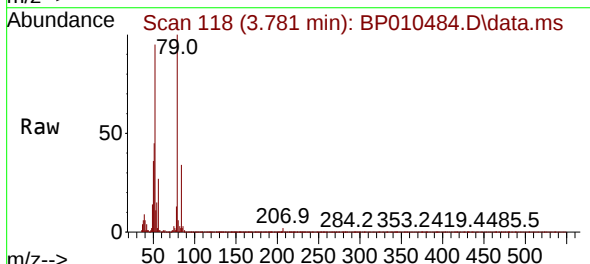
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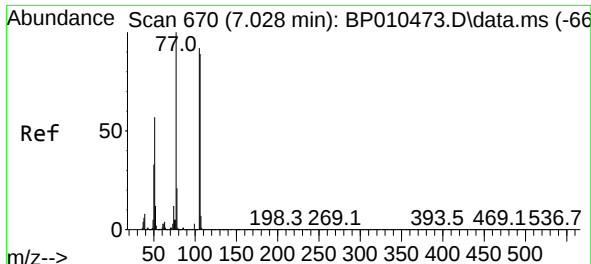
Tgt Ion: 88 Resp: 22369
Ion Ratio Lower Upper
88 100
43 45.1 6.8 10.2#
58 83.7 28.4 42.6#



#5
Pyridine
Concen: 11.936 ng/uL
RT: 3.781 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion: 79 Resp: 154022
Ion Ratio Lower Upper
79 100
52 95.4 35.5 53.3#
51 45.0 20.2 30.4#

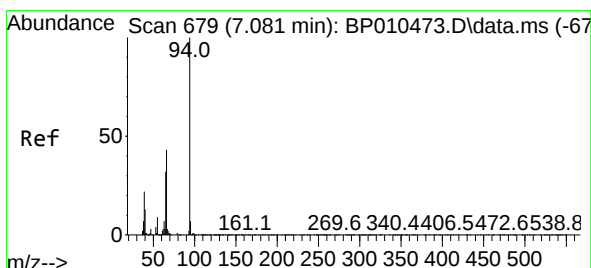
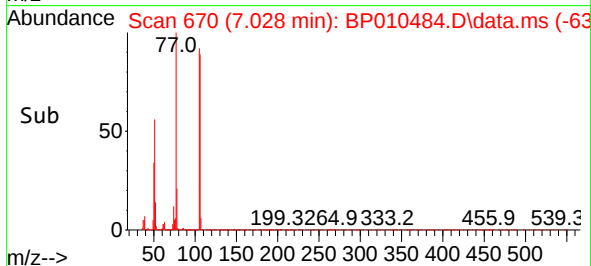
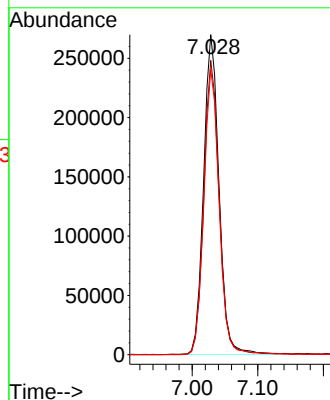
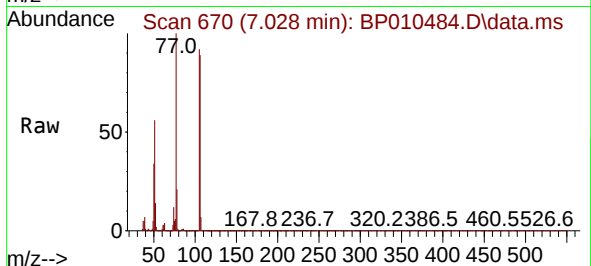




#6
Benzaldehyde
Concen: 53.423 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

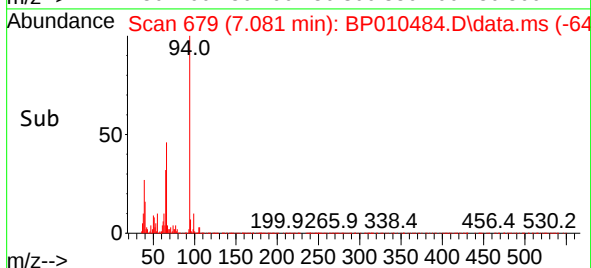
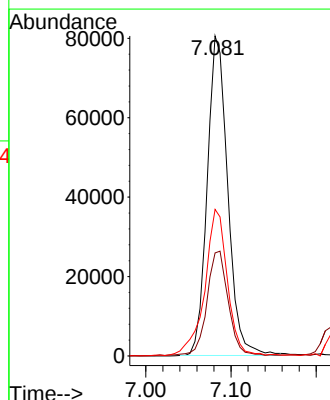
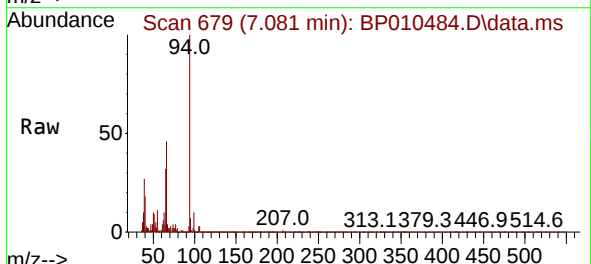
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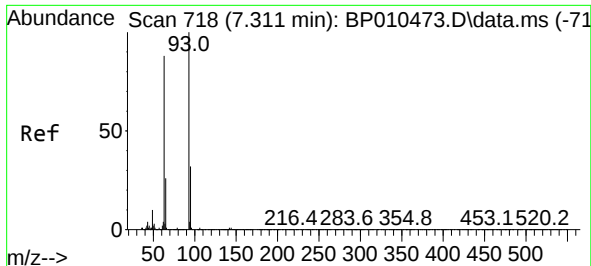
Tgt Ion: 77 Resp: 441807
Ion Ratio Lower Upper
77 100
105 91.9 77.0 115.4
106 89.2 77.0 115.4



#8
Phenol
Concen: 7.982 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion: 94 Resp: 134717
Ion Ratio Lower Upper
94 100
65 32.2 19.0 28.6#
66 45.8 34.6 51.8

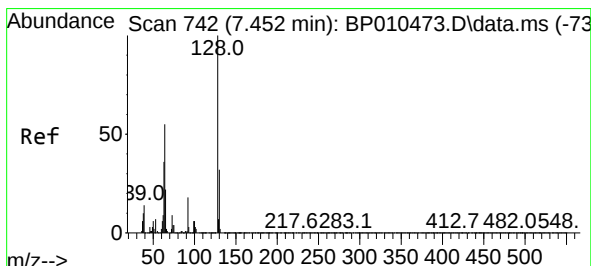
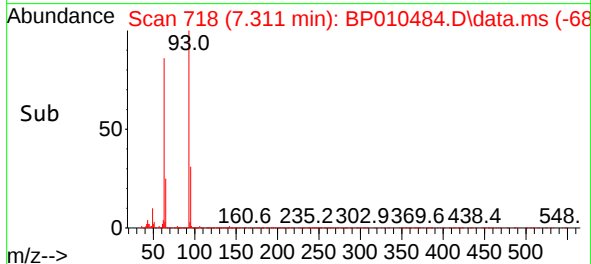
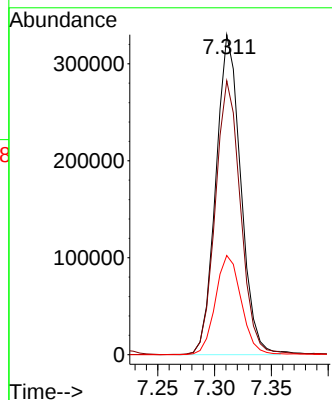
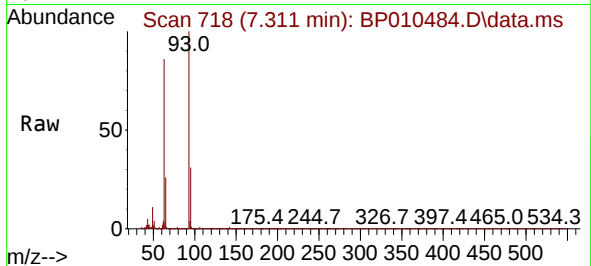




#10
Bis(2-Chloroethyl)ether
Concen: 37.908 ng/ul
RT: 7.311 min Scan# 718
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

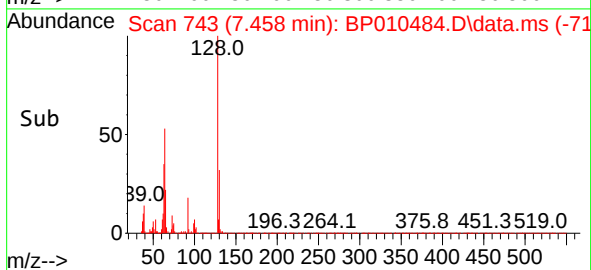
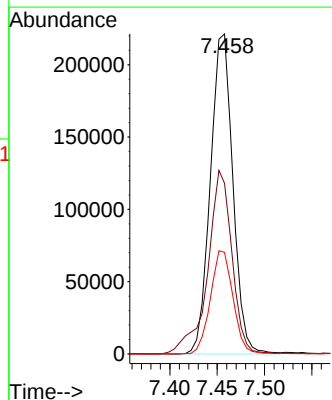
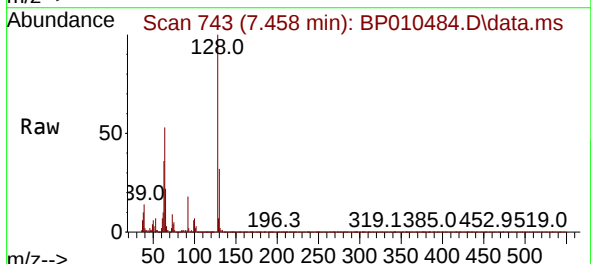
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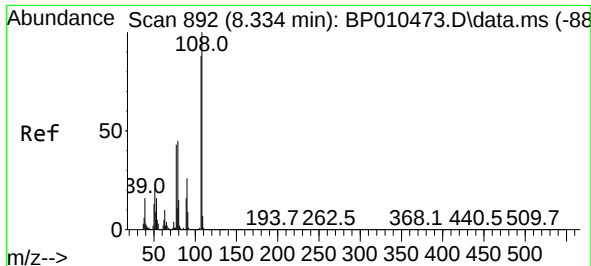
Tgt Ion: 93 Resp: 503026
Ion Ratio Lower Upper
93 100
63 85.6 45.0 67.4#
95 31.0 26.3 39.5



#12
2-Chlorophenol
Concen: 29.197 ng/ul
RT: 7.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BP010484.D
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Tgt Ion:128 Resp: 364875
Ion Ratio Lower Upper
128 100
64 53.4 45.3 67.9
130 31.7 29.0 43.6

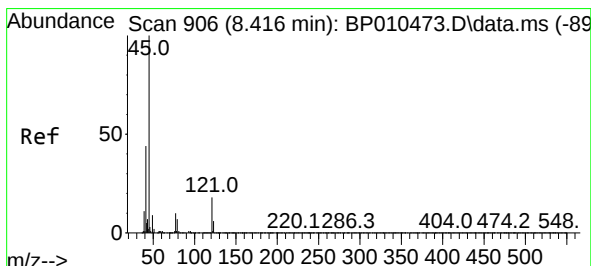
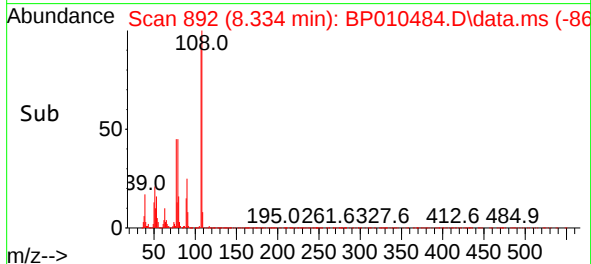
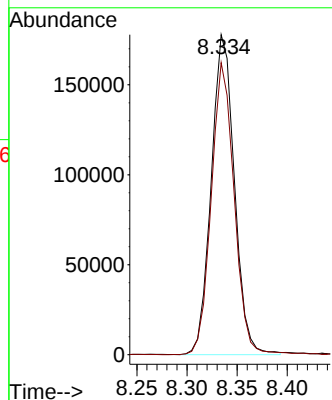
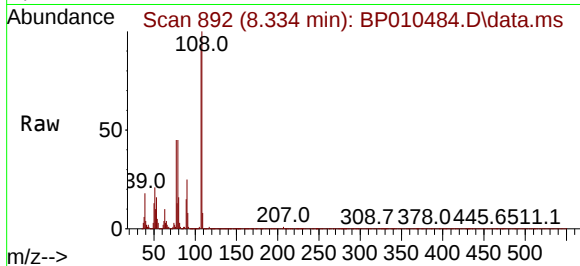




#13
2-Methylphenol
Concen: 22.703 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

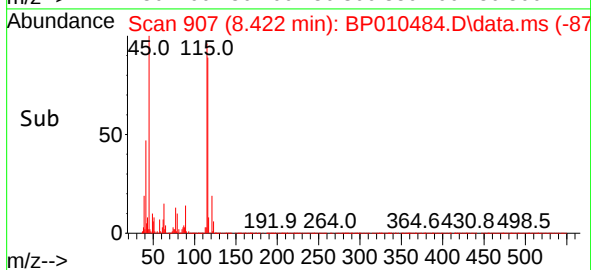
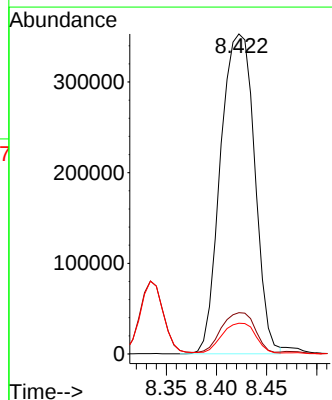
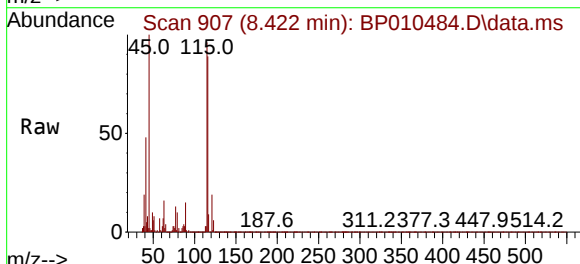
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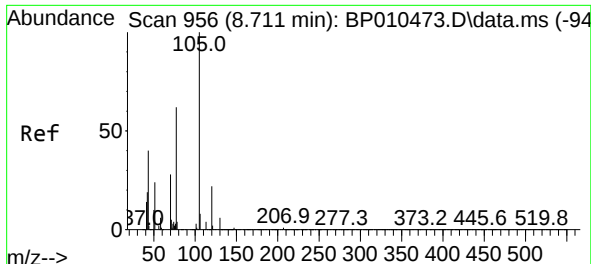
Tgt Ion:108 Resp: 286034
Ion Ratio Lower Upper
108 100
107 91.3 70.8 106.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 38.612 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. -0.006 min
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Tgt Ion: 45 Resp: 835049
Ion Ratio Lower Upper
45 100
77 12.9 17.1 25.7#
79 9.6 13.2 19.8#

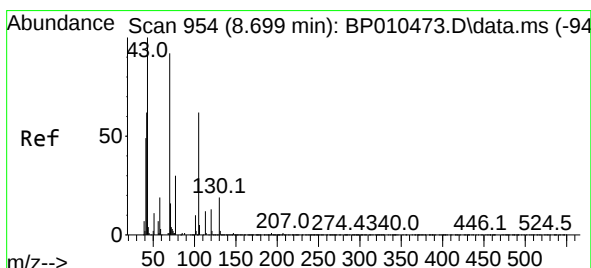
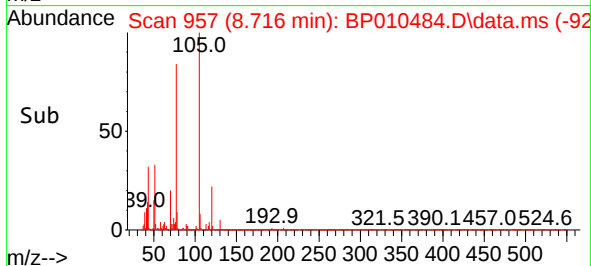
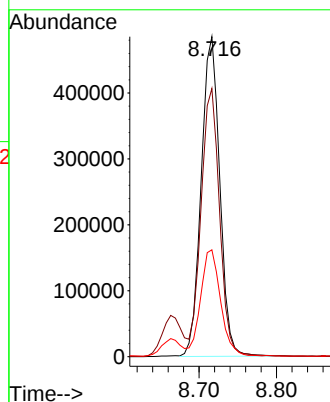
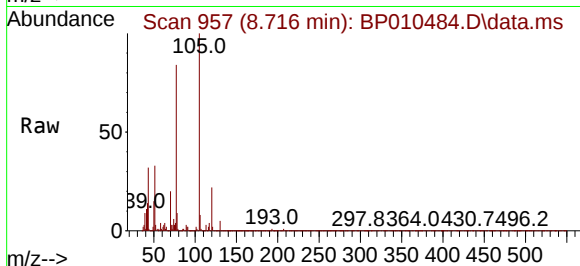




#16
Acetophenone
Concen: 38.608 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

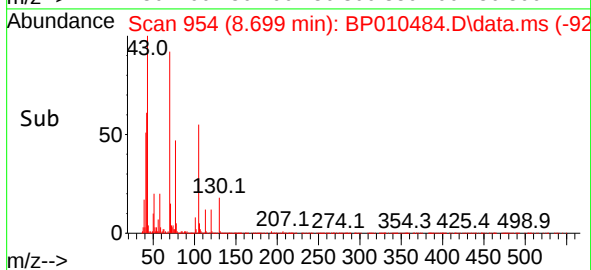
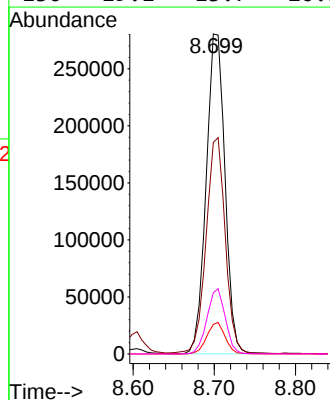
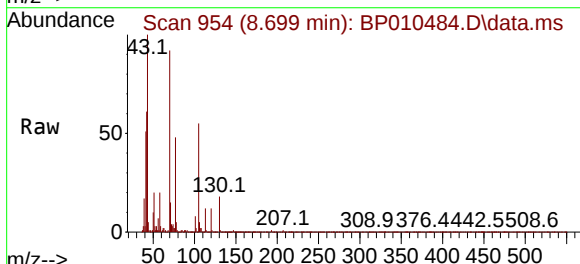
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

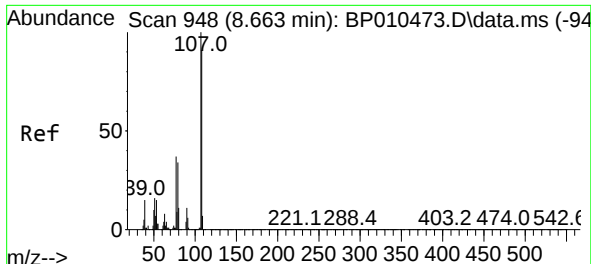
Tgt Ion:105 Resp: 806472
Ion Ratio Lower Upper
105 100
77 83.8 53.4 80.2#
51 33.4 13.8 20.8#



#17
N-Nitroso-di-n-propylamine
Concen: 40.362 ng/ul
RT: 8.699 min Scan# 954
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion: 70 Resp: 451219
Ion Ratio Lower Upper
70 100
42 66.1 31.8 47.8#
101 9.2 15.6 23.4#
130 19.1 13.7 20.5

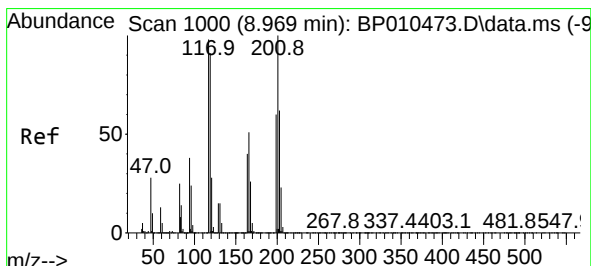
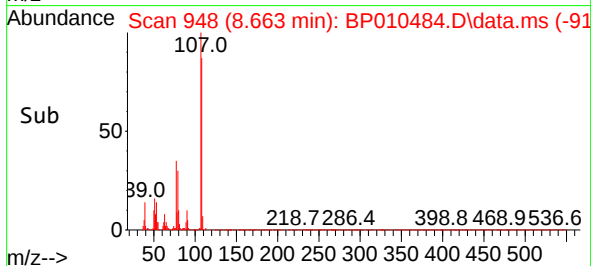
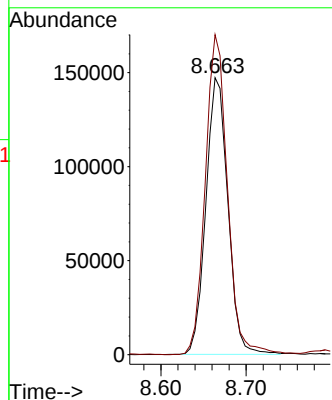
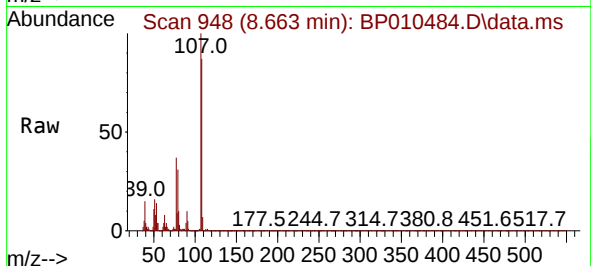




#18
4-Methylphenol
Concen: 18.965 ng/ul
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

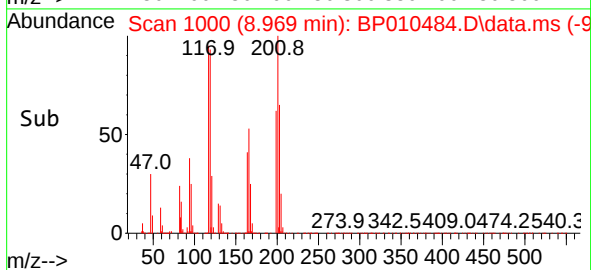
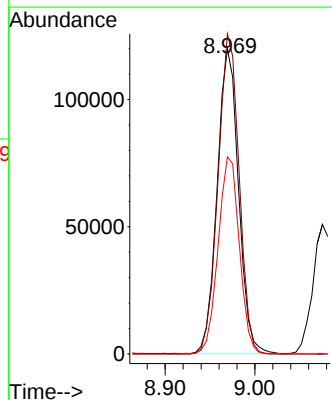
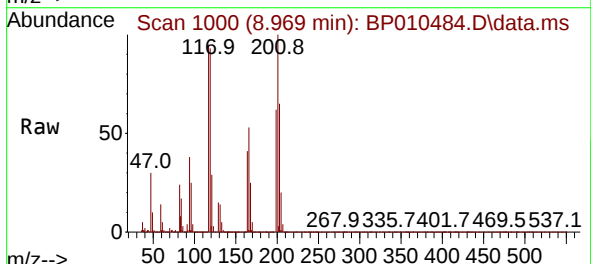
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

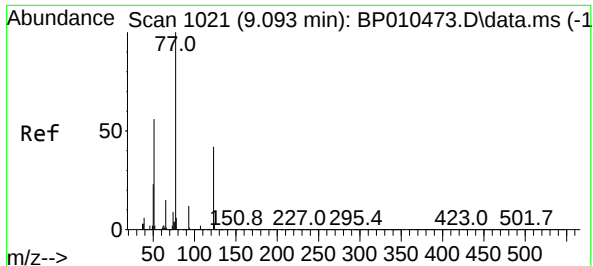
Tgt Ion:108 Resp: 264081
Ion Ratio Lower Upper
108 100
107 115.6 83.6 125.4



#19
Hexachloroethane
Concen: 36.482 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:117 Resp: 198282
Ion Ratio Lower Upper
117 100
201 104.9 106.5 159.7#
199 64.7 59.0 88.6

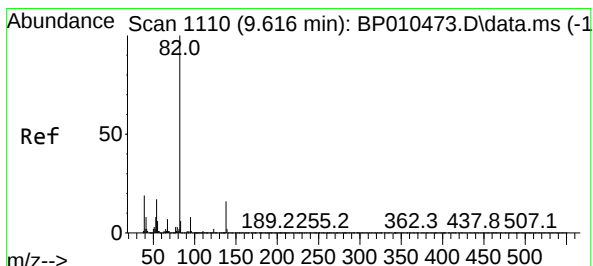
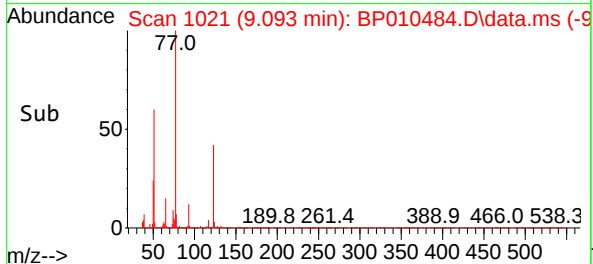
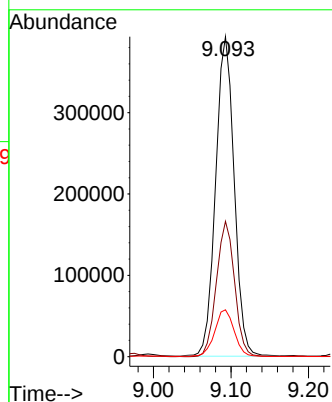
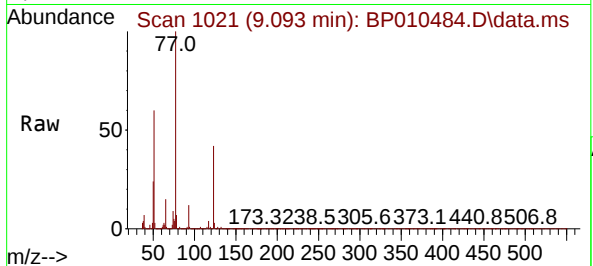




#22
Nitrobenzene
Concen: 39.107 ng/ul
RT: 9.093 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

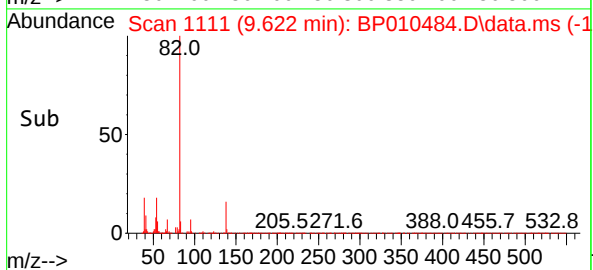
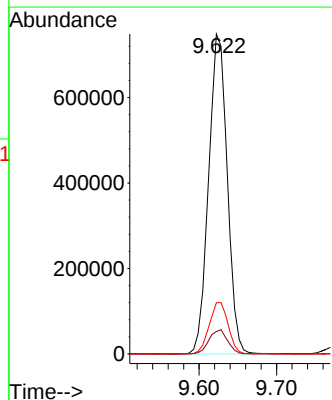
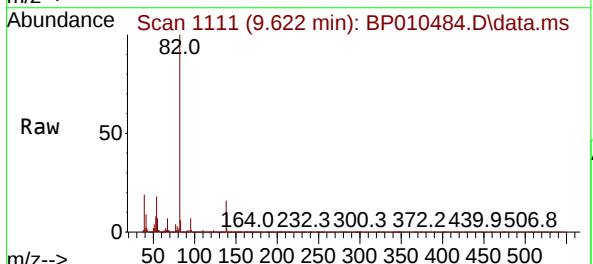
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

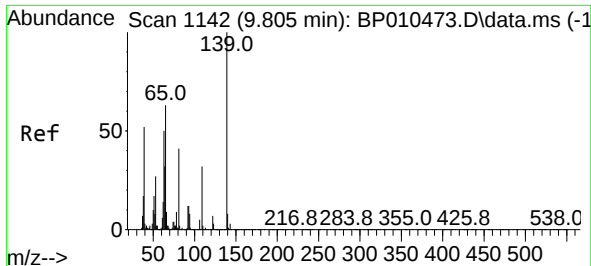
Tgt Ion: 77 Resp: 654718
Ion Ratio Lower Upper
77 100
123 42.3 42.3 63.5#
65 14.6 5.8 8.8#



#23
Isophorone
Concen: 40.426 ng/ul
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion: 82 Resp: 1250961
Ion Ratio Lower Upper
82 100
95 7.0 7.8 11.8#
138 16.0 12.9 19.3

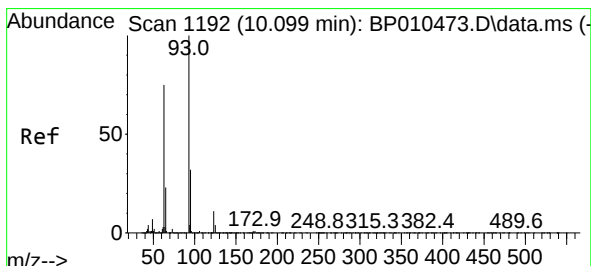
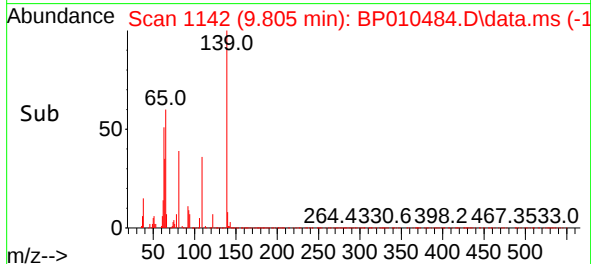
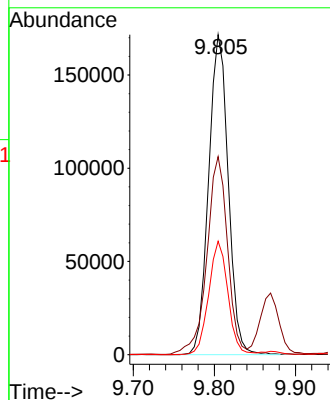
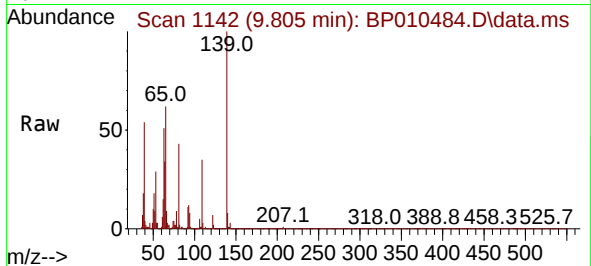




#25
2-Nitrophenol
Concen: 38.838 ng/ul
RT: 9.805 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

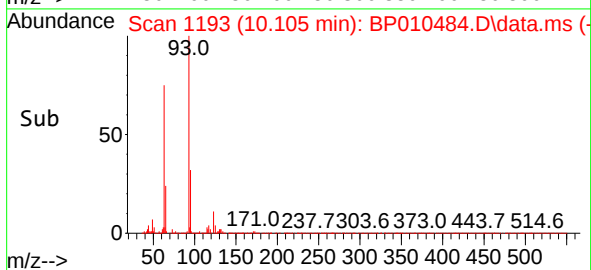
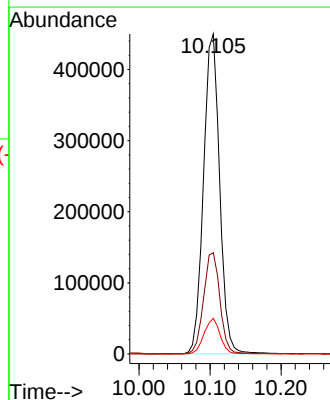
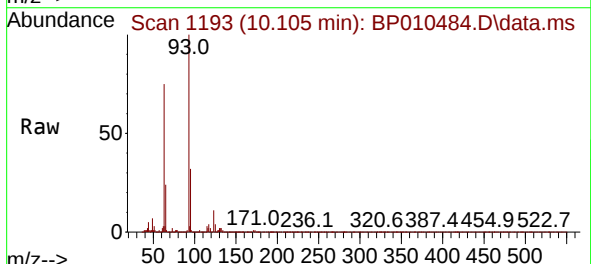
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

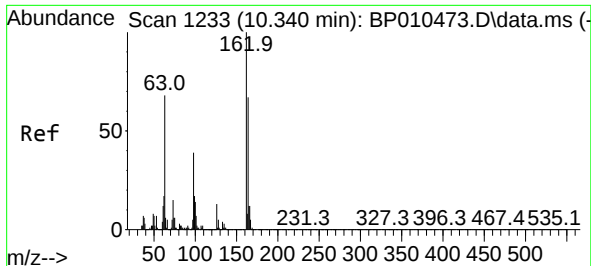
Tgt Ion:139 Resp: 287916
Ion Ratio Lower Upper
139 100
65 61.9 49.4 74.2
109 35.5 44.7 67.1#



#27
Bis(2-Chloroethoxy)methane
Concen: 38.663 ng/ul
RT: 10.105 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion: 93 Resp: 712369
Ion Ratio Lower Upper
93 100
95 31.6 26.2 39.4
123 11.1 6.2 9.4#

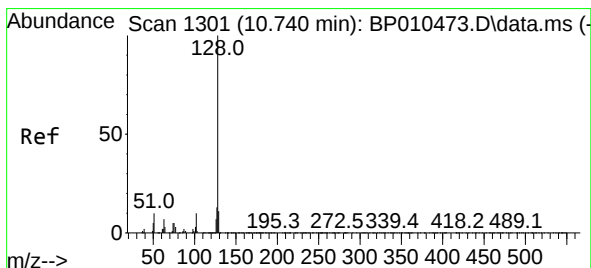
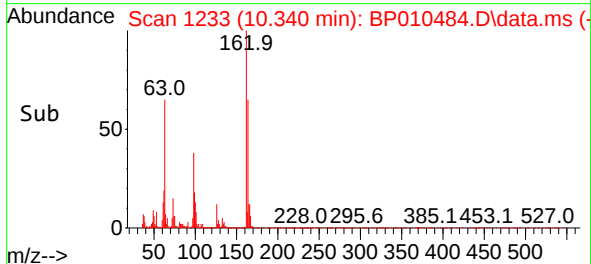
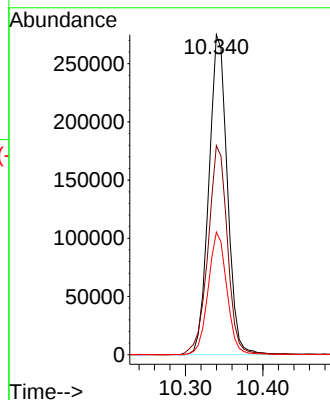
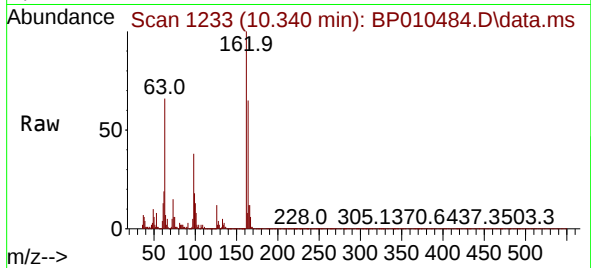




#29
2,4-Dichlorophenol
Concen: 34.880 ng/ul
RT: 10.340 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

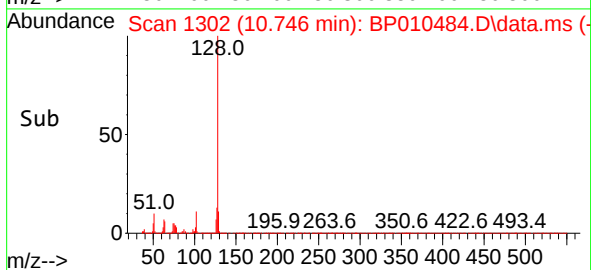
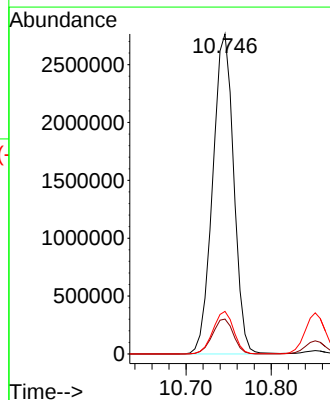
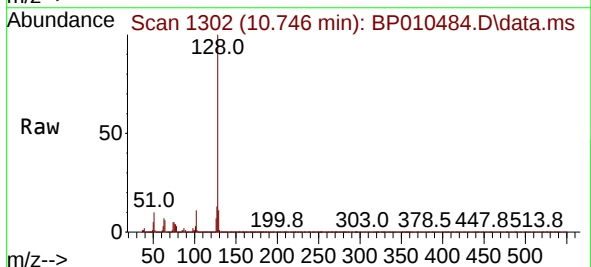
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

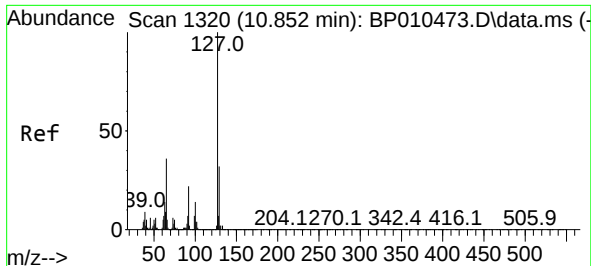
Tgt Ion:162 Resp: 455255
Ion Ratio Lower Upper
162 100
164 65.4 37.0 55.6#
98 38.3 31.0 46.6



#30
Naphthalene
Concen: 110.143 ng/ul
RT: 10.746 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:128 Resp: 4735610
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 12.2 18.4

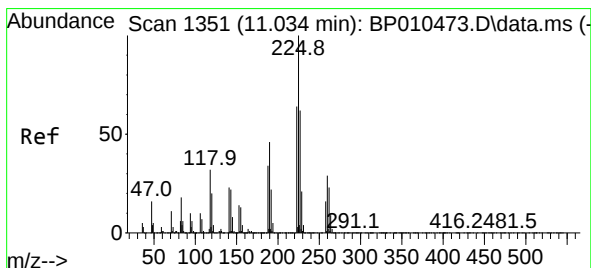
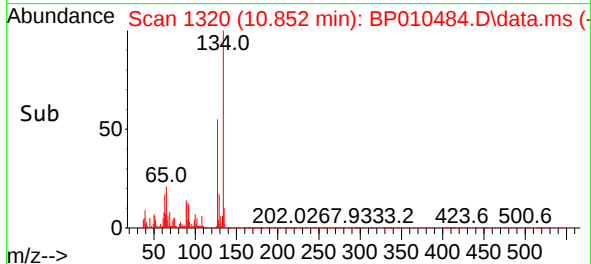
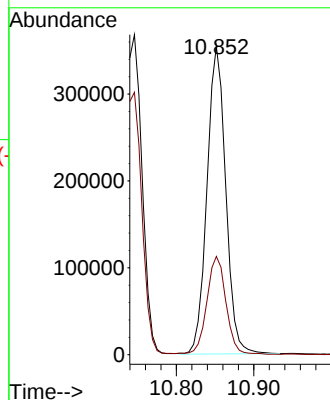
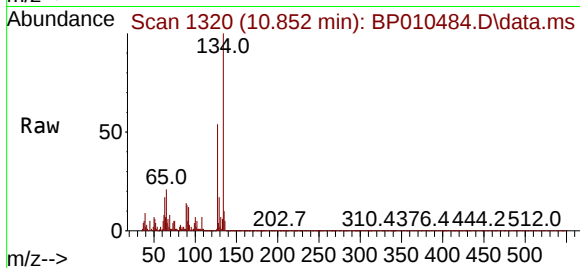




#32
4-Chloroaniline
Concen: 31.559 ng/ul
RT: 10.852 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

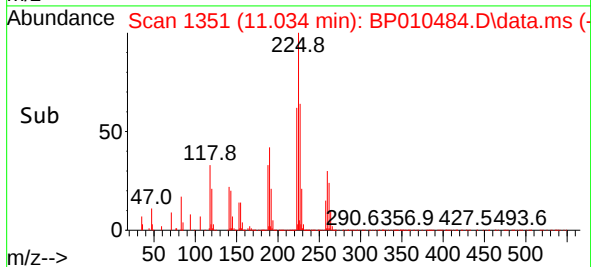
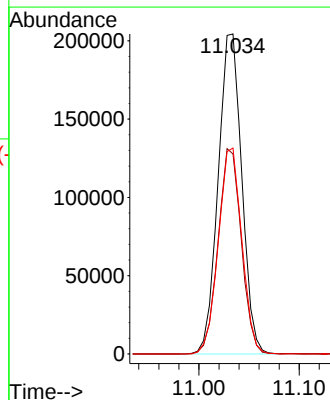
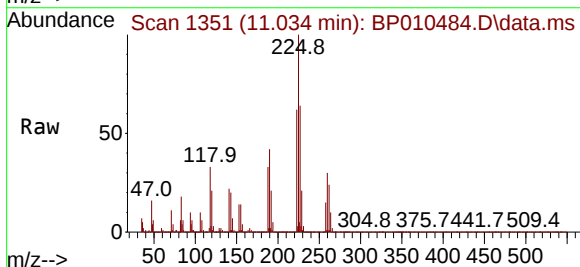
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

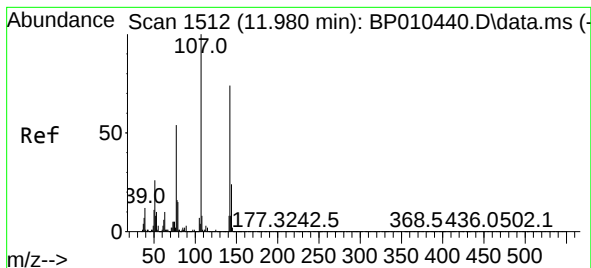
Tgt Ion:127 Resp: 594499
Ion Ratio Lower Upper
127 100
129 31.9 24.6 37.0



#33
Hexachlorobutadiene
Concen: 36.052 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:225 Resp: 333437
Ion Ratio Lower Upper
225 100
223 62.5 53.4 80.0
227 64.4 53.8 80.8

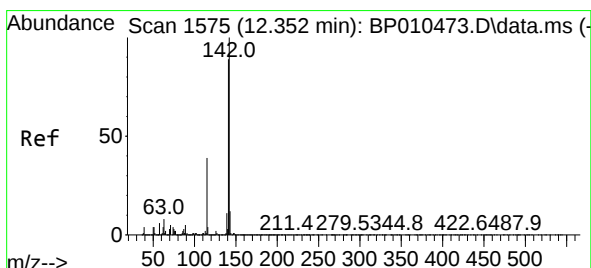
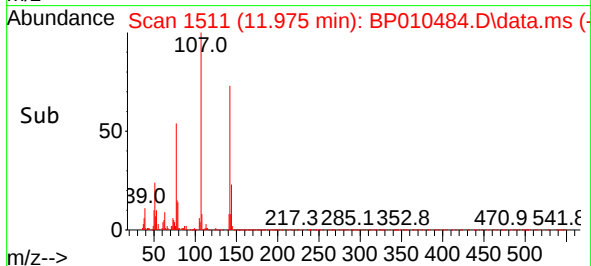
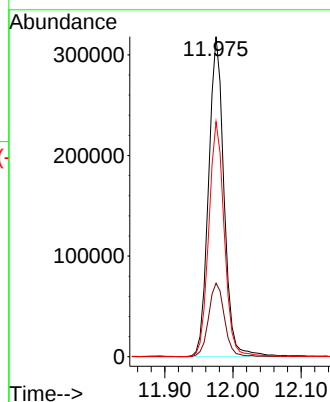
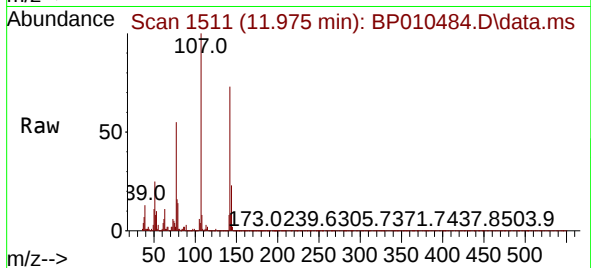




#35
4-Chloro-3-methylphenol
Concen: 32.829 ng/ul
RT: 11.975 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

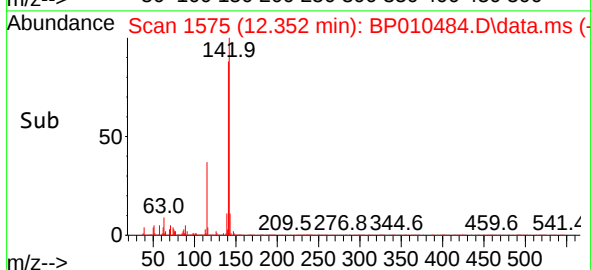
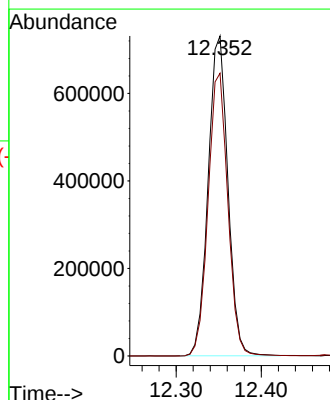
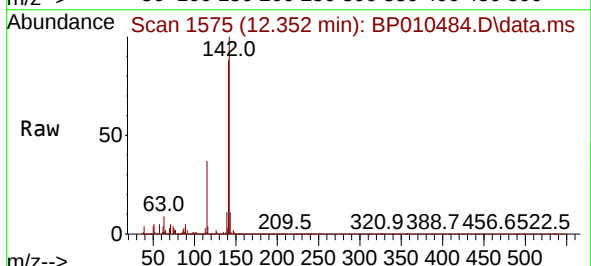
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

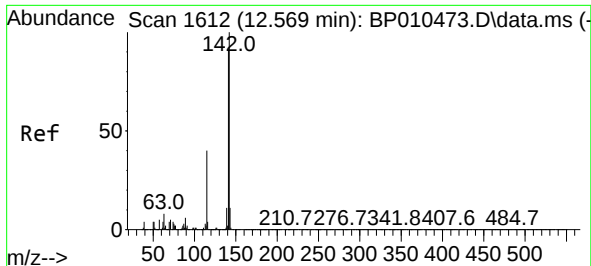
Tgt Ion:107 Resp: 501255
Ion Ratio Lower Upper
107 100
144 23.0 15.8 23.8
142 73.4 38.9 58.3#



#36
2-Methylnaphthalene
Concen: 38.700 ng/ul
RT: 12.352 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:142 Resp: 1177947
Ion Ratio Lower Upper
142 100
141 88.3 64.3 96.5

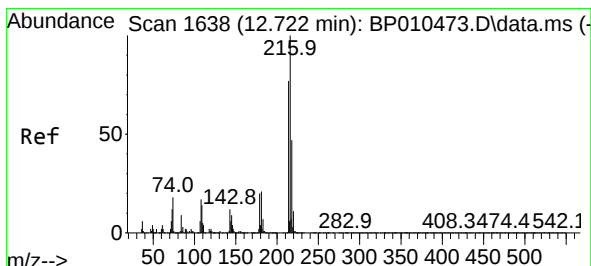
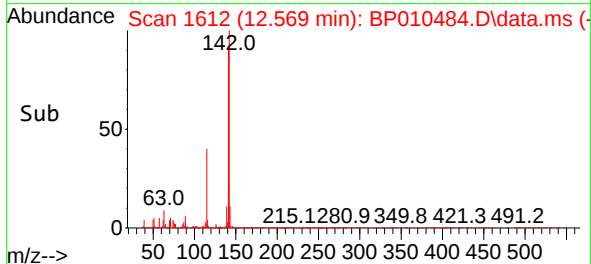
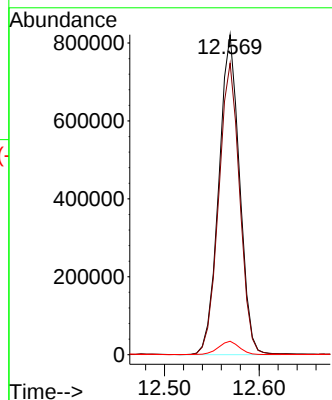
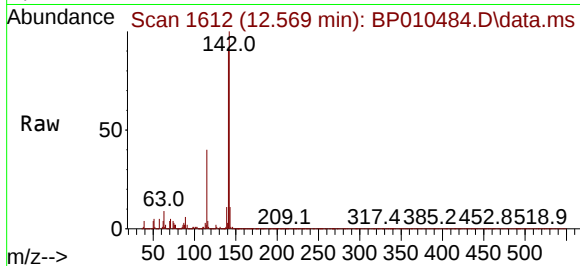




#37
1-Methylnaphthalene
Concen: 40.647 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

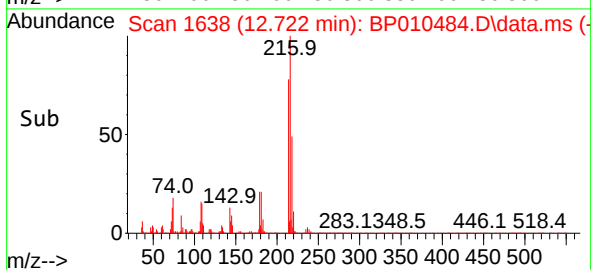
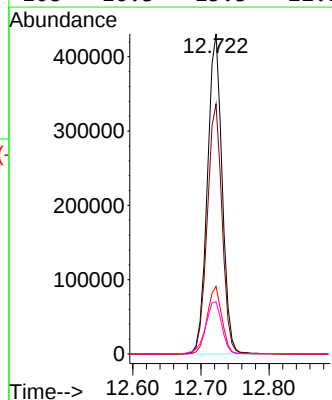
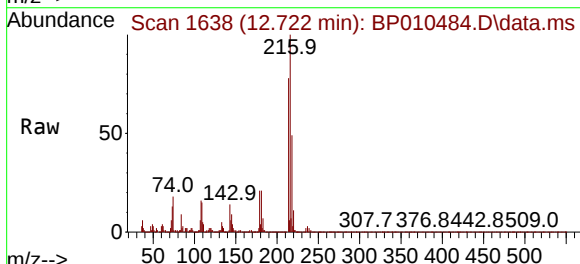
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

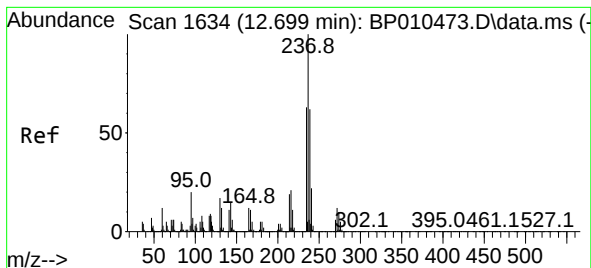
Tgt Ion:142 Resp: 1249196
Ion Ratio Lower Upper
142 100
141 91.1 69.8 104.8
116 4.2 5.6 8.4#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.227 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:216 Resp: 646932
Ion Ratio Lower Upper
216 100
214 78.1 58.2 87.2
179 21.1 14.2 21.2
108 16.3 15.3 22.9





#40

Hexachlorocyclopentadiene

Concen: 24.906 ng/ul

RT: 12.699 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

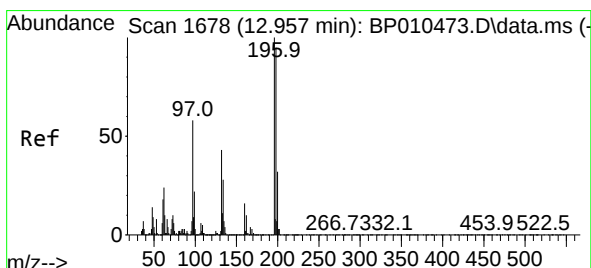
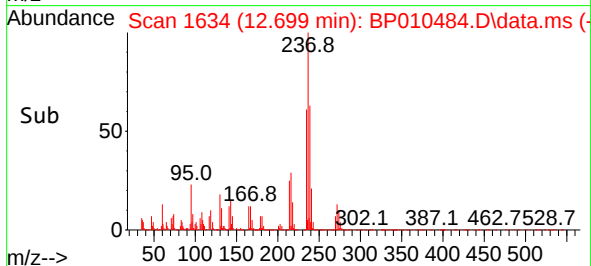
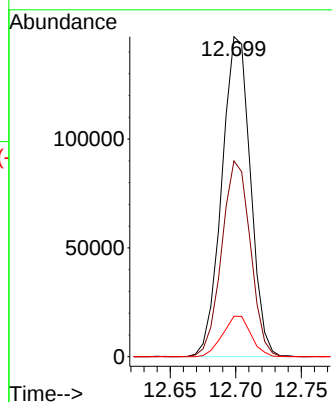
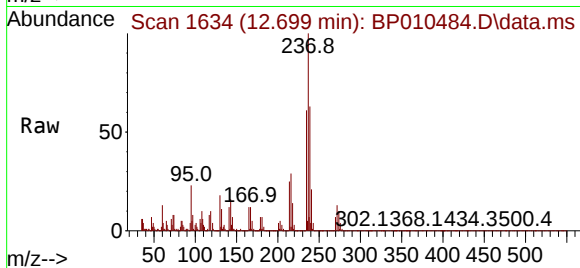
Tgt Ion:237 Resp: 223314

Ion Ratio Lower Upper

237 100

235 61.2 53.2 79.8

272 12.7 10.8 16.2



#41

2,4,6-Trichlorophenol

Concen: 40.561 ng/ul

RT: 12.957 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

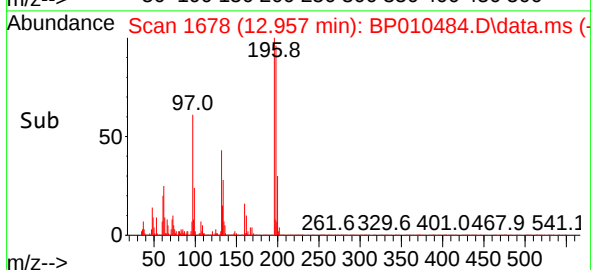
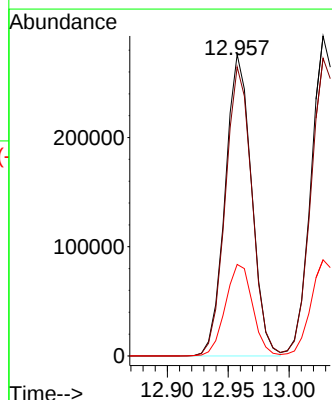
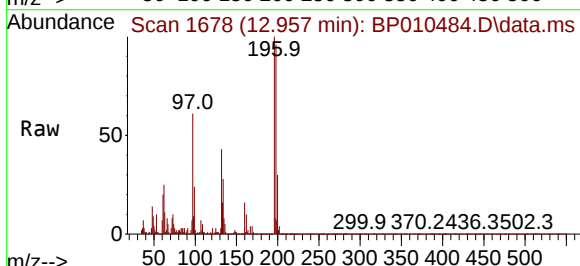
Tgt Ion:196 Resp: 416972

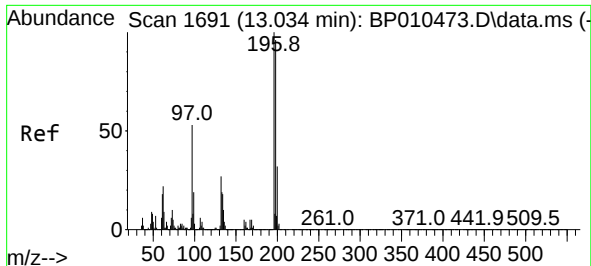
Ion Ratio Lower Upper

196 100

198 95.9 64.1 96.1

200 30.3 19.9 29.9#

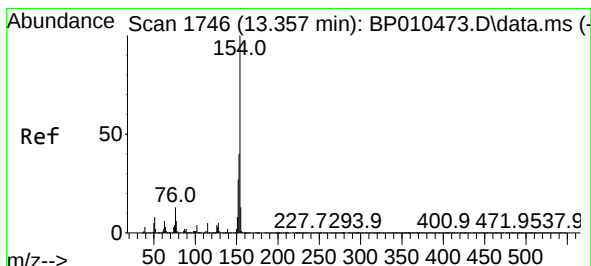
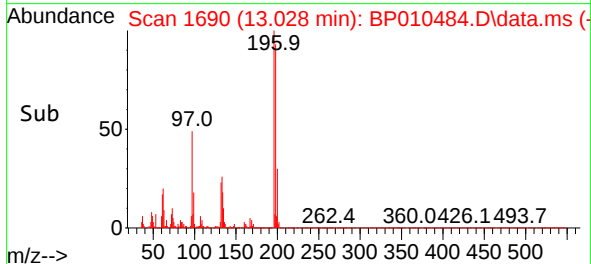
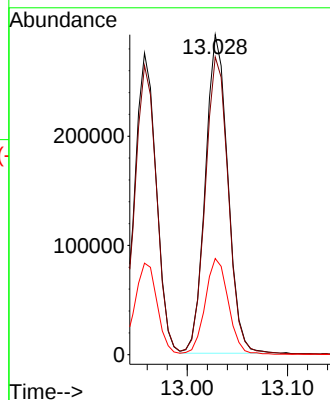
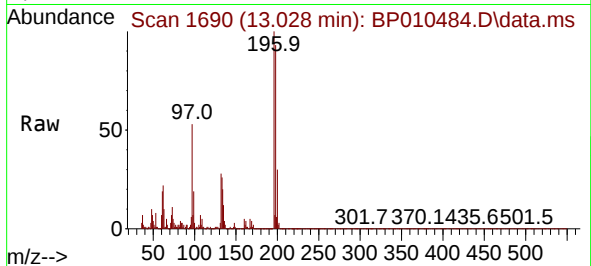




#42
2,4,5-Trichlorophenol
Concen: 39.747 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

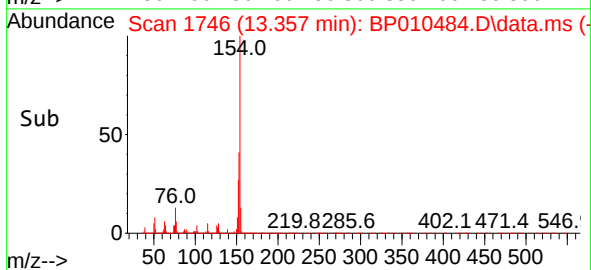
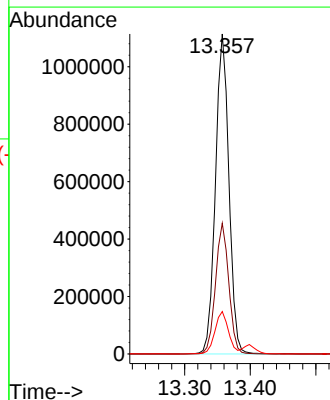
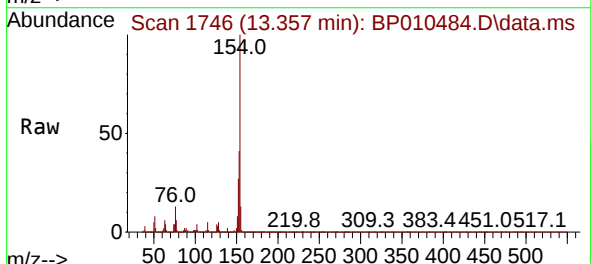
Instrument : BNA_P
ClientSampleId : P017-SS001-1824-01MSD

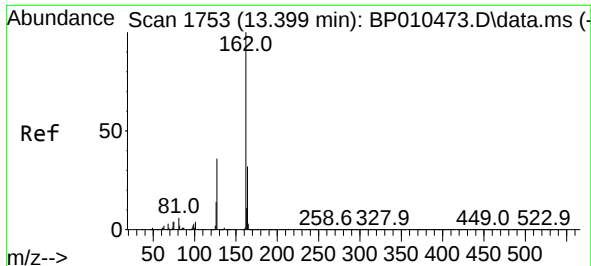
Tgt Ion:196 Resp: 456229
Ion Ratio Lower Upper
196 100
198 93.1 68.6 103.0
200 30.1 32.8 49.2#



#43
1,1'-Biphenyl
Concen: 39.889 ng/ul
RT: 13.357 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:154 Resp: 1582301
Ion Ratio Lower Upper
154 100
153 40.9 28.6 43.0
76 13.3 8.5 12.7#

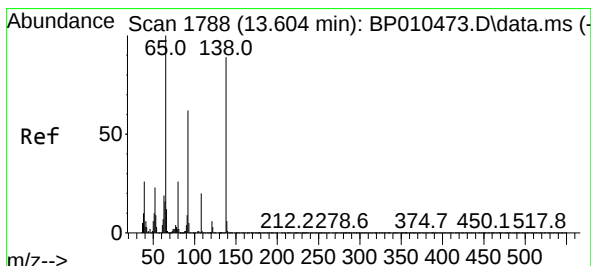
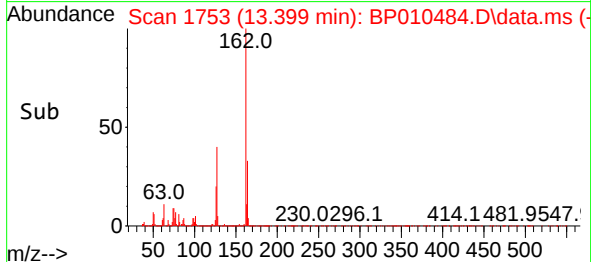
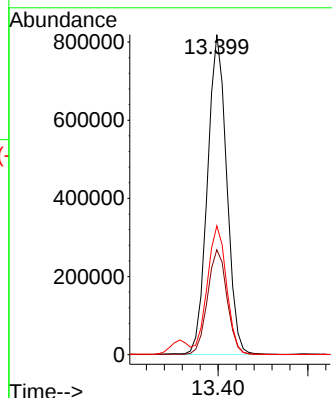
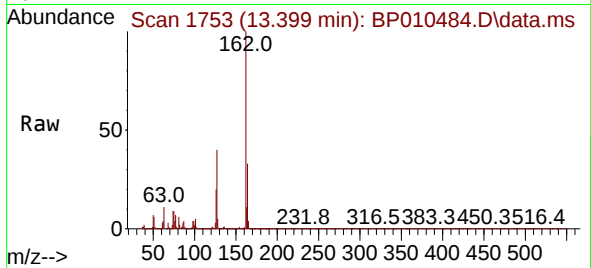




#44
2-Chloronaphthalene
Concen: 39.736 ng/ul
RT: 13.399 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

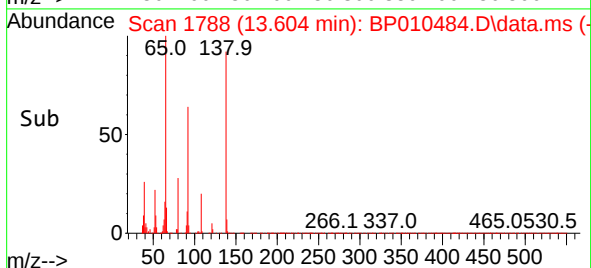
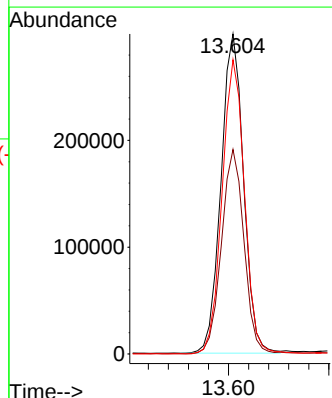
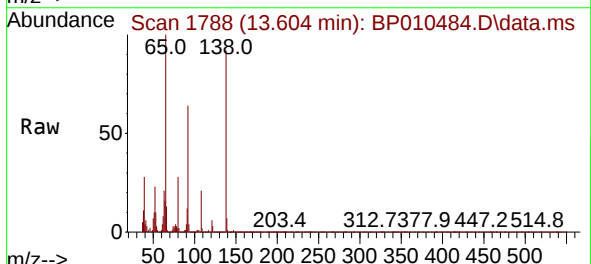
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

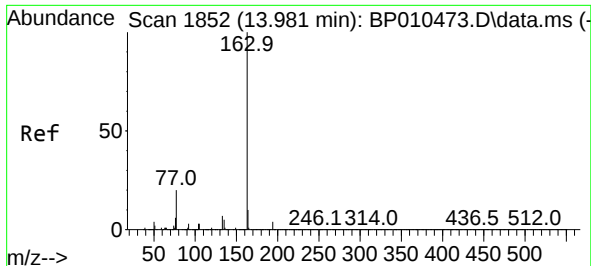
Tgt Ion:162 Resp: 1217414
Ion Ratio Lower Upper
162 100
164 32.8 27.5 41.3
127 40.3 37.1 55.7



#45
2-Nitroaniline
Concen: 46.199 ng/ul
RT: 13.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion: 65 Resp: 465842
Ion Ratio Lower Upper
65 100
92 63.9 77.9 116.9#
138 91.9 81.5 122.3

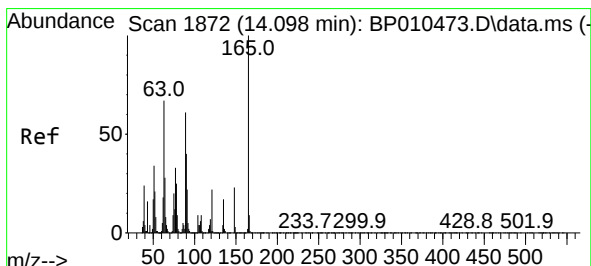
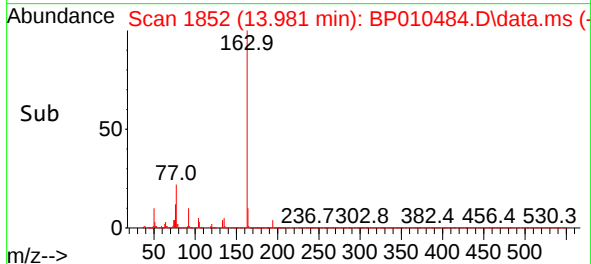
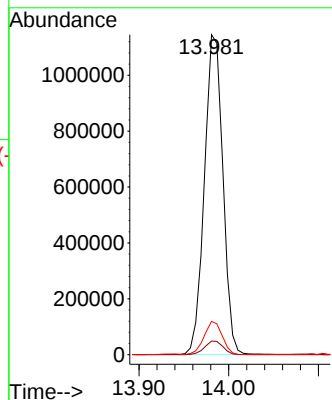
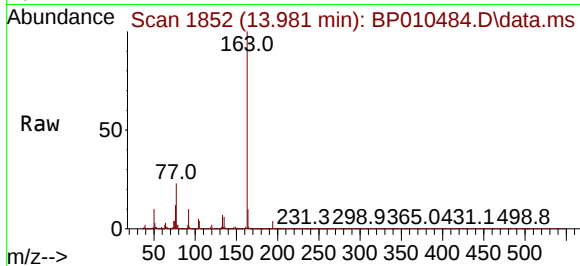




#47
Dimethylphthalate
Concen: 41.498 ng/ul
RT: 13.981 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

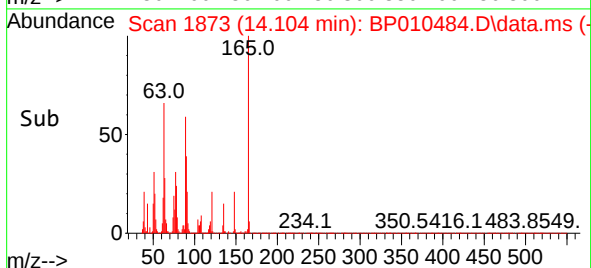
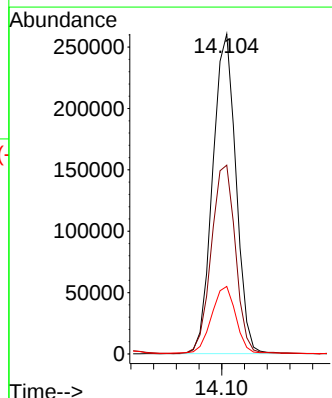
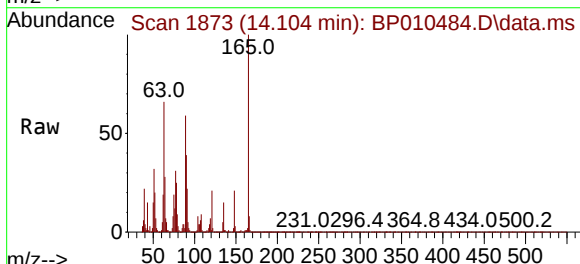
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

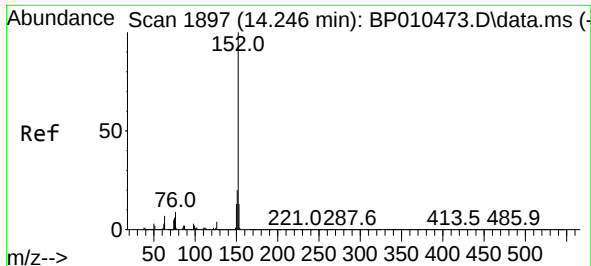
Tgt Ion:163 Resp: 1639000
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 10.4 11.3 16.9#



#48
2,6-Dinitrotoluene
Concen: 46.055 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:165 Resp: 370799
Ion Ratio Lower Upper
165 100
89 59.0 51.7 77.5
121 21.1 18.3 27.5

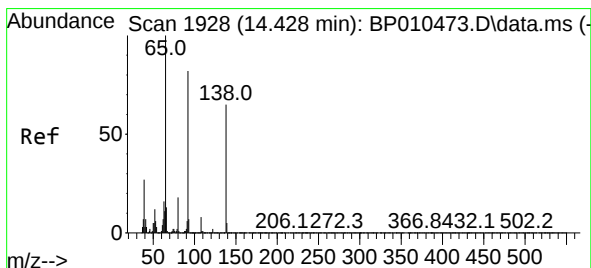
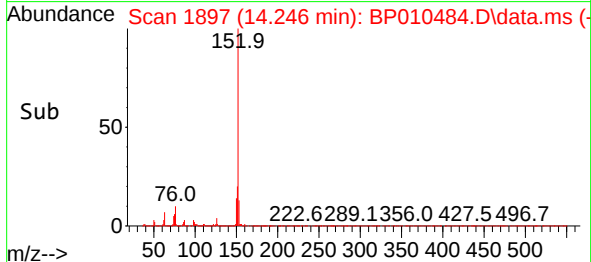
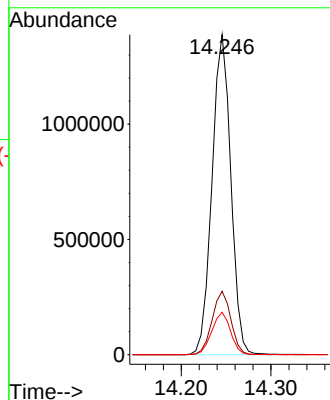
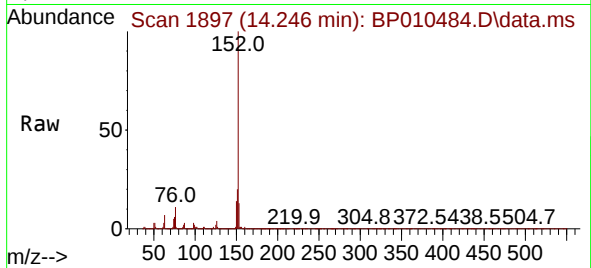




#50
Acenaphthylene
Concen: 40.623 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

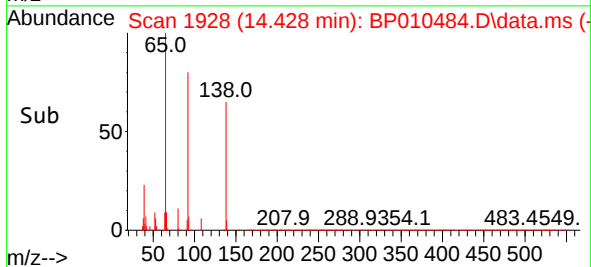
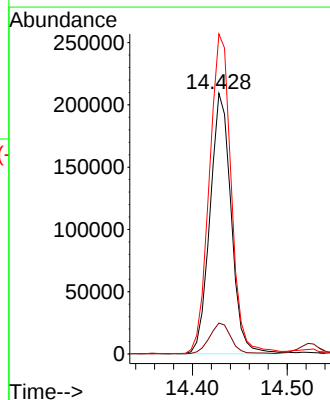
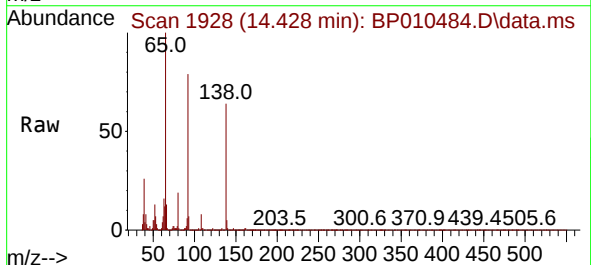
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

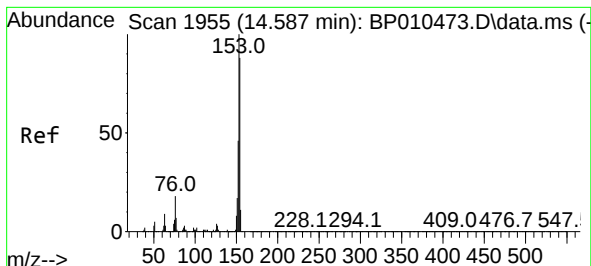
Tgt Ion:152 Resp: 2018344
Ion Ratio Lower Upper
152 100
151 19.8 18.3 27.5
153 13.2 11.0 16.6



#51
3-Nitroaniline
Concen: 42.823 ng/ul
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:138 Resp: 323590
Ion Ratio Lower Upper
138 100
108 11.8 15.8 23.8#
92 122.8 117.1 175.7





#52

Acenaphthene

Concen: 81.820 ng/ul

RT: 14.593 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

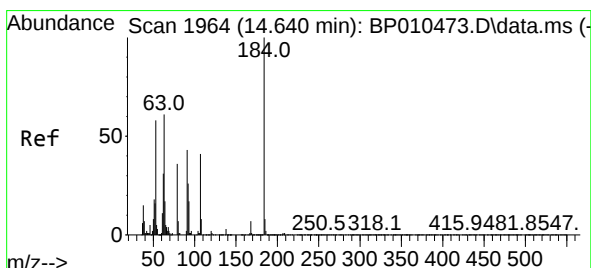
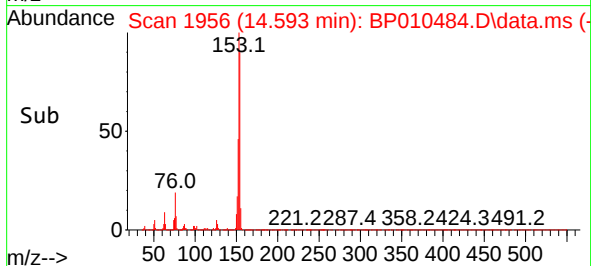
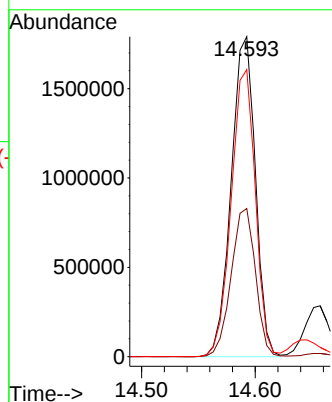
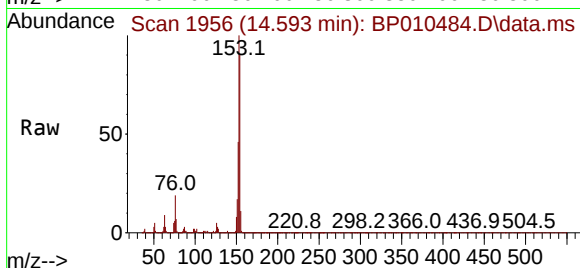
Tgt Ion:153 Resp: 2651947

Ion Ratio Lower Upper

153 100

152 46.3 34.3 51.5

154 89.7 70.0 105.0



#53

2,4-Dinitrophenol

Concen: 40.961 ng/ul

RT: 14.640 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

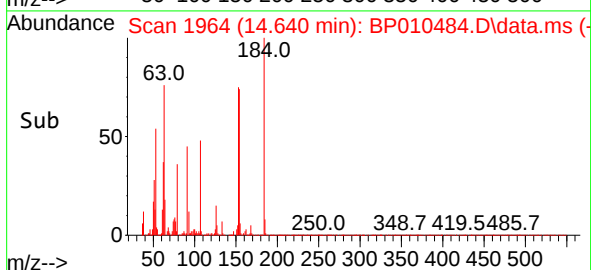
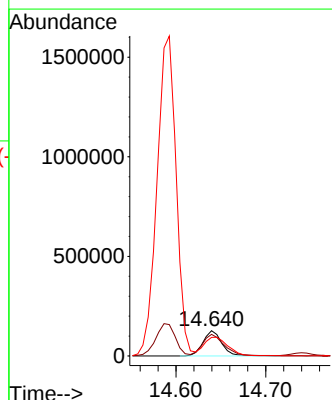
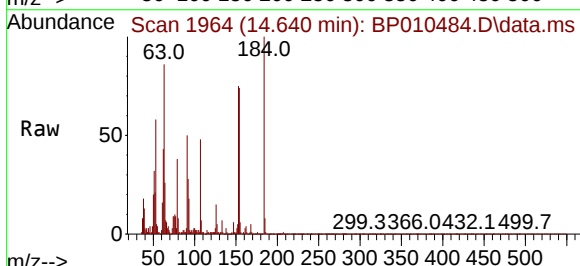
Tgt Ion:184 Resp: 184121

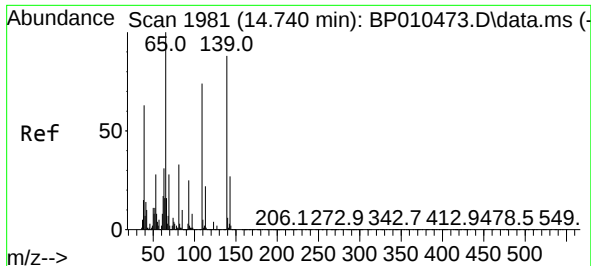
Ion Ratio Lower Upper

184 100

63 85.8 34.6 52.0#

154 73.7 57.7 86.5

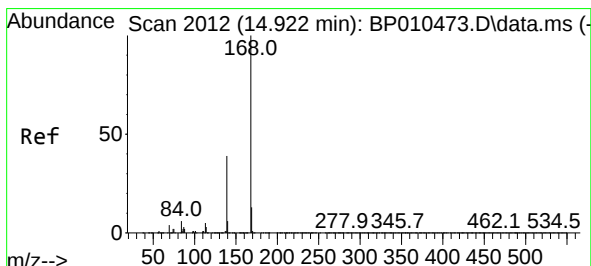
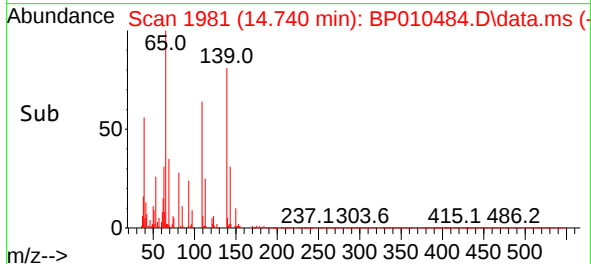
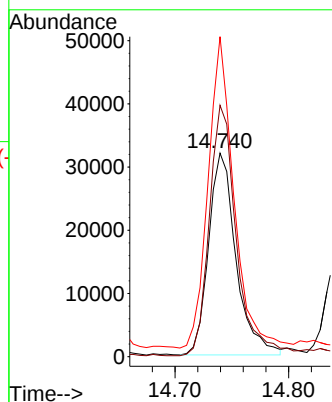
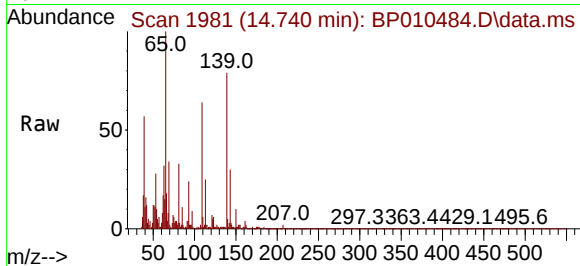




#55
4-Nitrophenol
Concen: 8.497 ng/ul
RT: 14.740 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

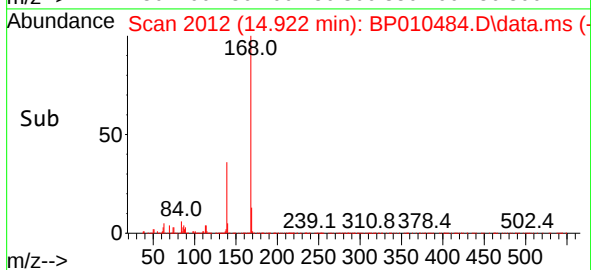
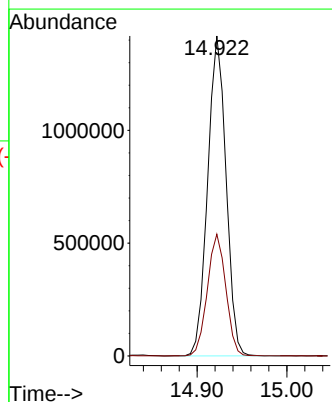
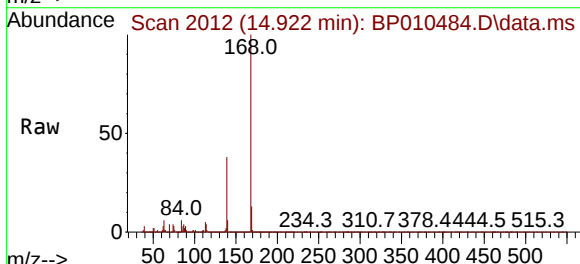
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

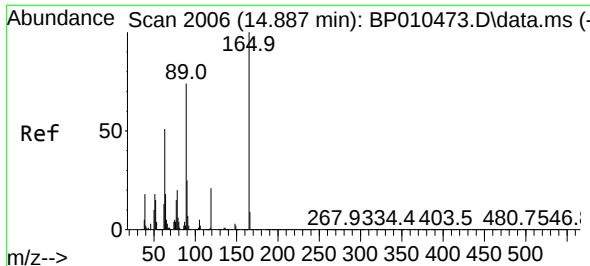
Tgt Ion	Ratio	Lower	Upper
109	100		
139	123.5	61.4	92.2#
65	157.2	65.3	97.9#



#56
Dibenzofuran
Concen: 42.466 ng/ul
RT: 14.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1

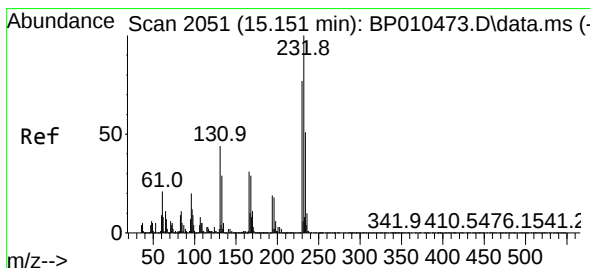
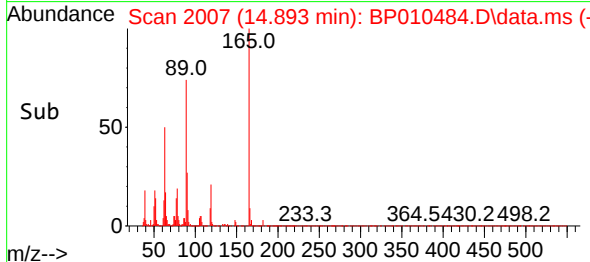
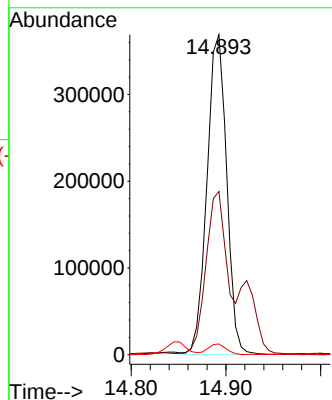
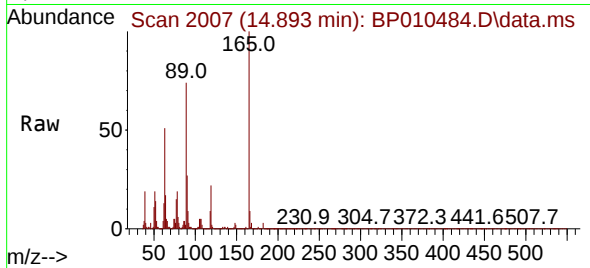




#57
2,4-Dinitrotoluene
Concen: 45.886 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

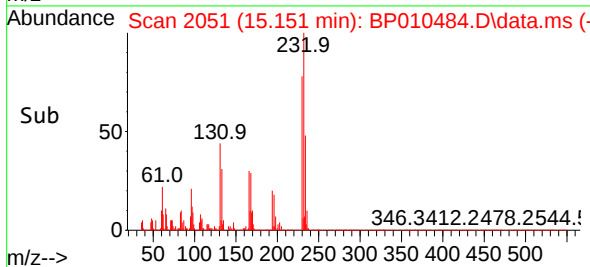
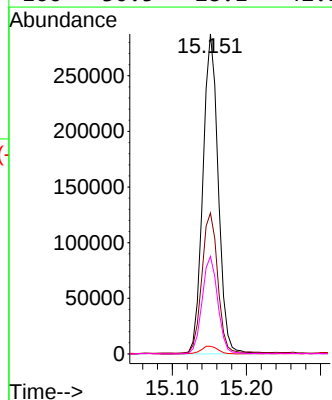
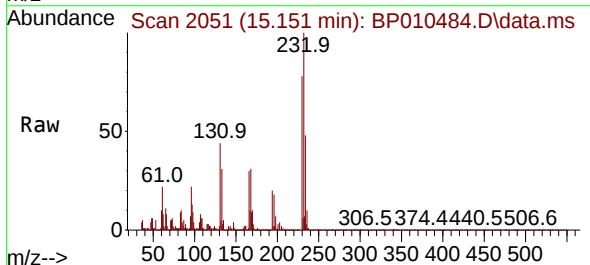
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

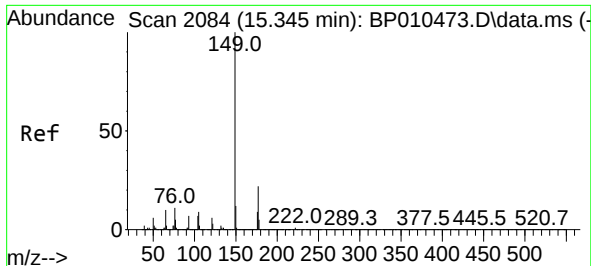
Tgt Ion:165 Resp: 531828
Ion Ratio Lower Upper
165 100
63 51.0 29.5 44.3#
182 3.3 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 42.033 ng/ul
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:232 Resp: 414880
Ion Ratio Lower Upper
232 100
131 44.1 25.4 38.2#
130 2.4 4.2 6.2#
166 30.5 28.1 42.1

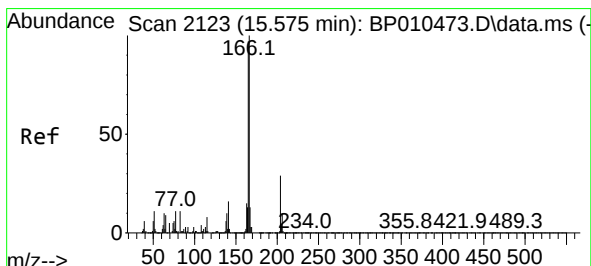
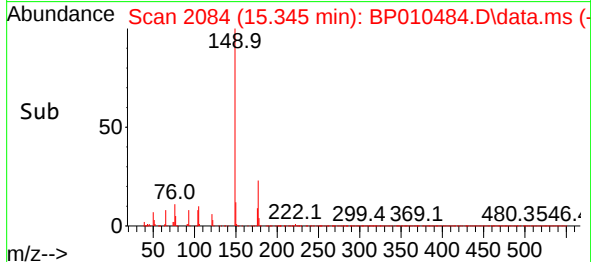
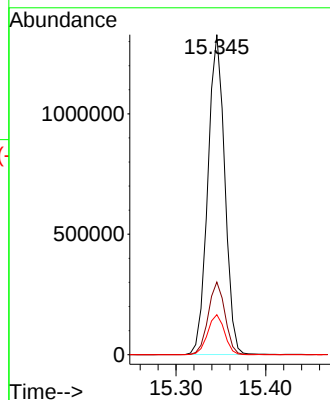
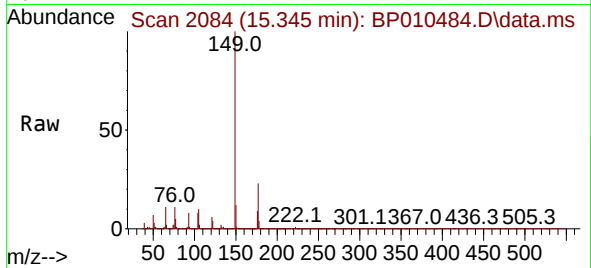




#59
Diethylphthalate
Concen: 43.106 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

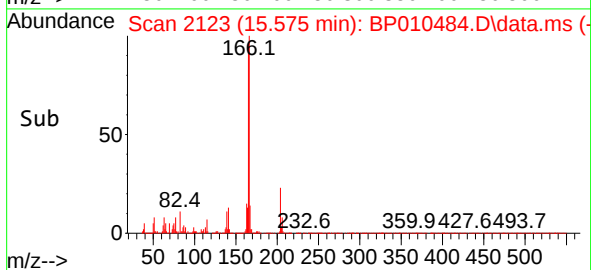
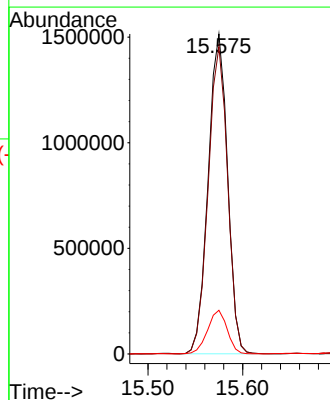
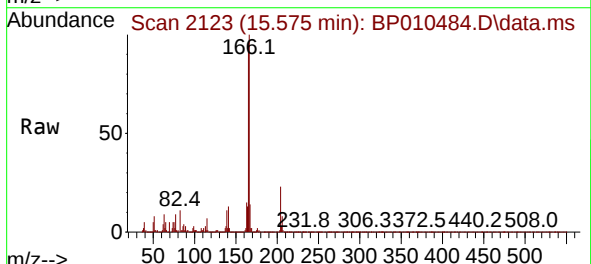
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

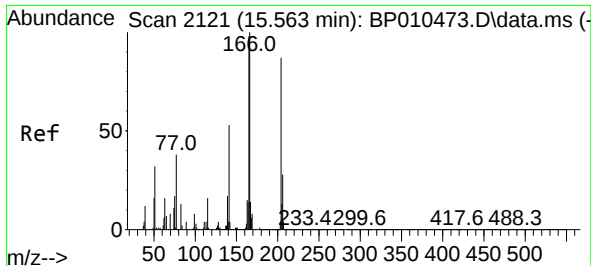
Tgt Ion:149 Resp: 1737219
Ion Ratio Lower Upper
149 100
177 22.7 22.0 33.0
150 12.5 10.2 15.2



#61
Fluorene
Concen: 55.421 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:166 Resp: 2152787
Ion Ratio Lower Upper
166 100
165 96.0 70.3 105.5
167 13.7 9.5 14.3

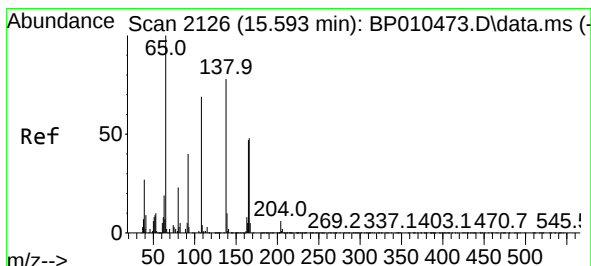
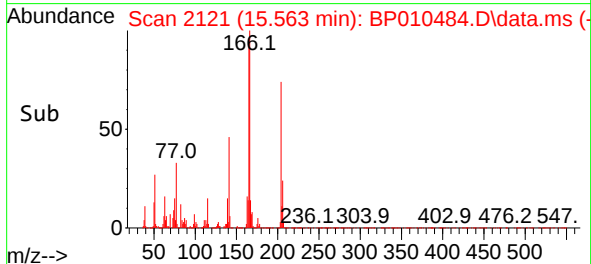
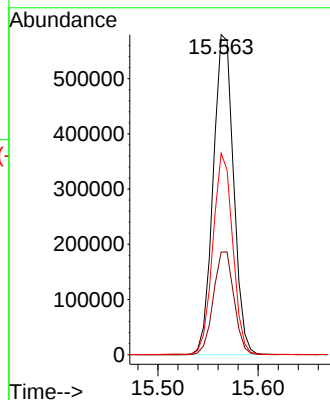
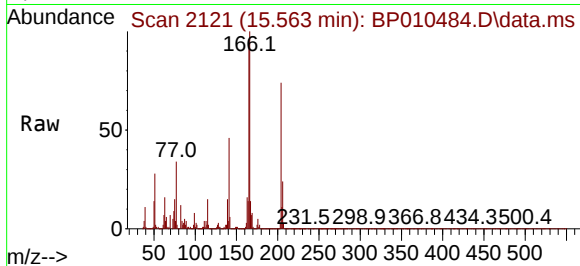




#62
4-Chlorophenyl-phenylether
Concen: 40.397 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

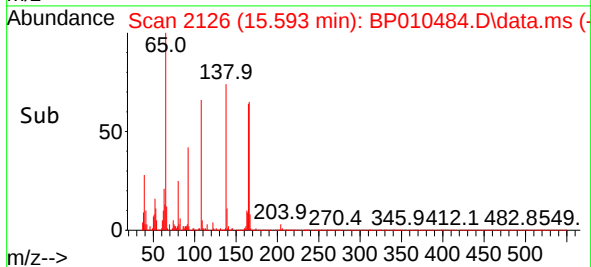
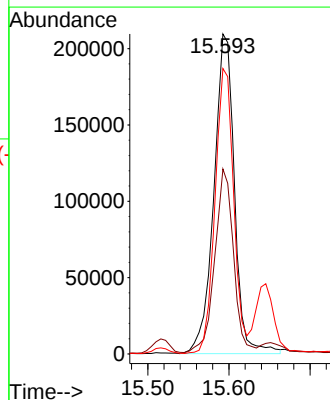
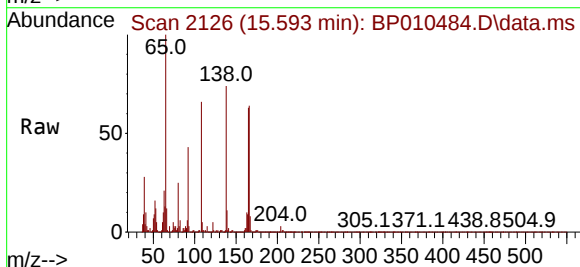
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

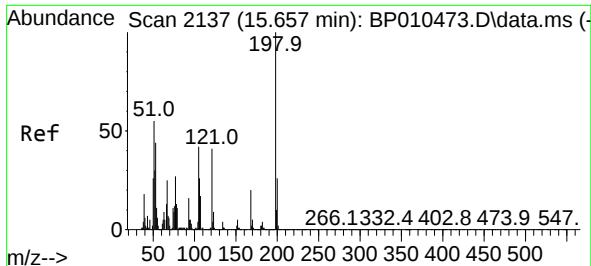
Tgt Ion:204 Resp: 816275
Ion Ratio Lower Upper
204 100
206 32.0 27.6 41.4
141 63.0 46.6 69.8



#63
4-Nitroaniline
Concen: 49.424 ng/ul
RT: 15.593 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:138 Resp: 368761
Ion Ratio Lower Upper
138 100
92 57.8 41.6 62.4
108 89.2 97.6 146.4#

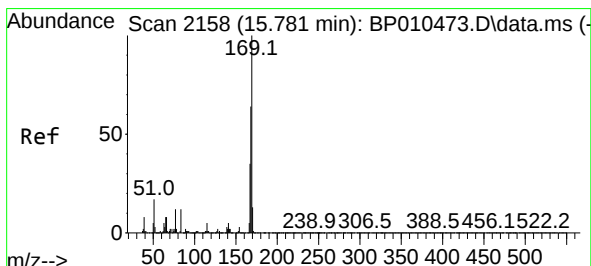
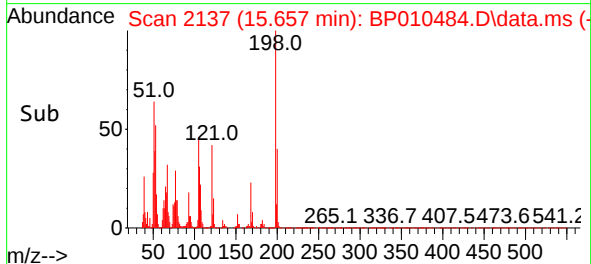
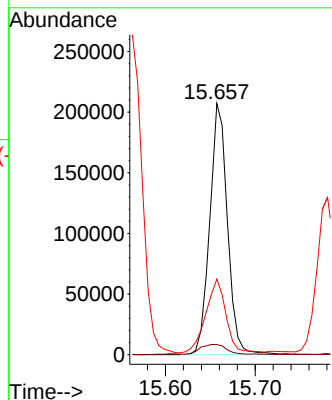
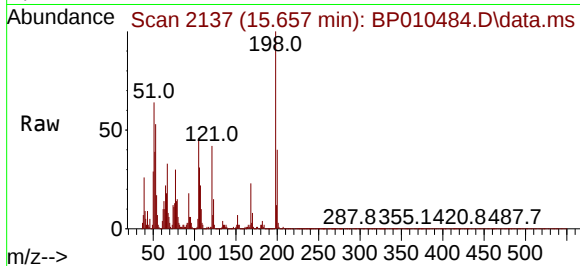




#66
4,6-Dinitro-2-methylphenol
Concen: 42.177 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

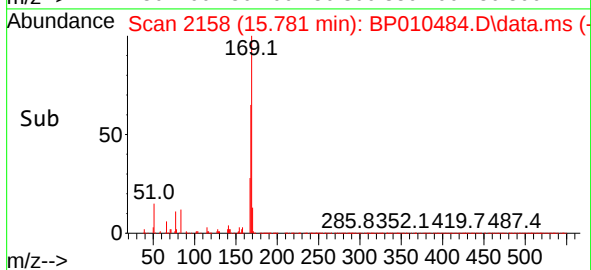
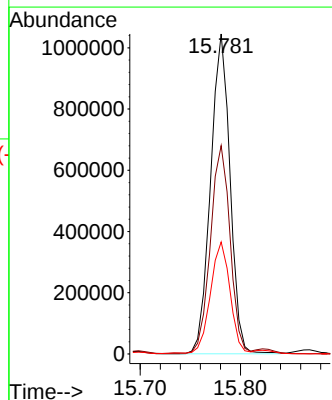
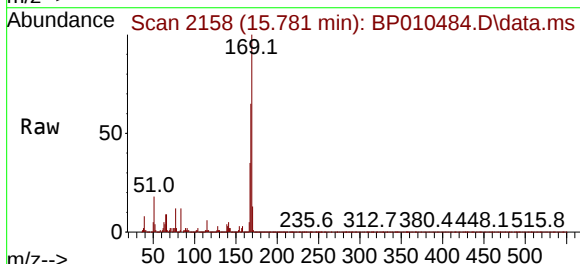
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

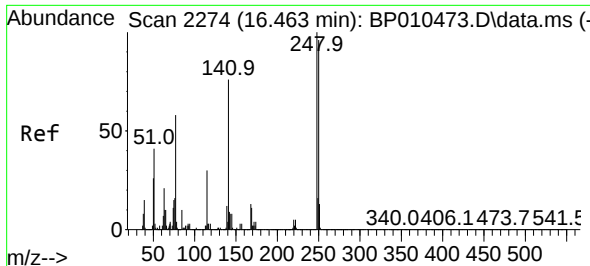
Tgt Ion:198 Resp: 284032
Ion Ratio Lower Upper
198 100
182 4.0 6.0 9.0#
77 30.1 17.7 26.5#



#67
N-Nitrosodiphenylamine
Concen: 43.522 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:169 Resp: 1409277
Ion Ratio Lower Upper
169 100
168 65.1 48.3 72.5
167 35.0 29.6 44.4

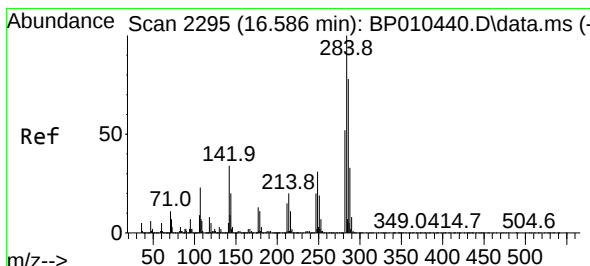
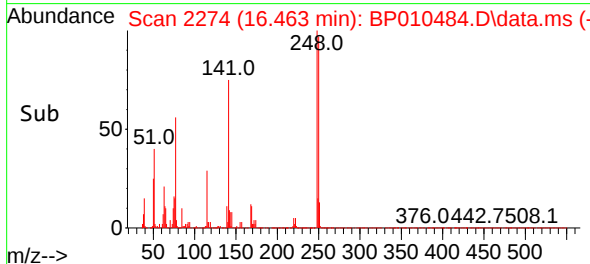
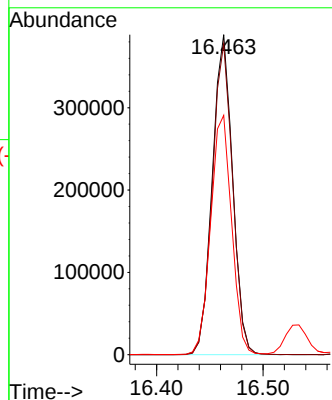
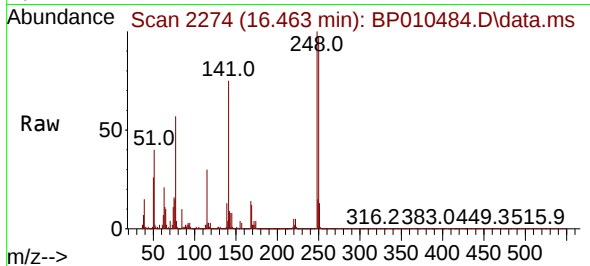




#68
4-Bromophenyl-phenylether
Concen: 43.345 ng/ul
RT: 16.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

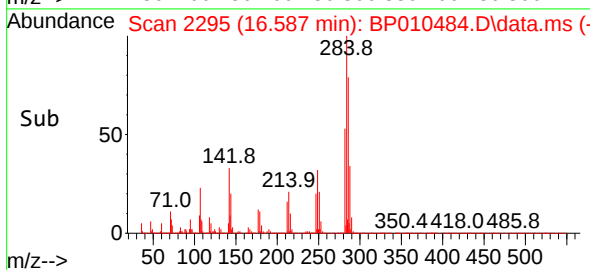
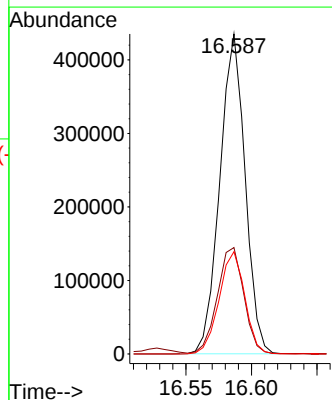
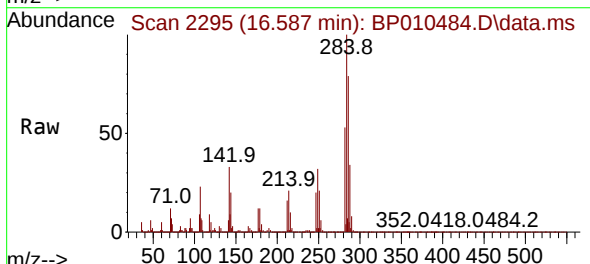
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

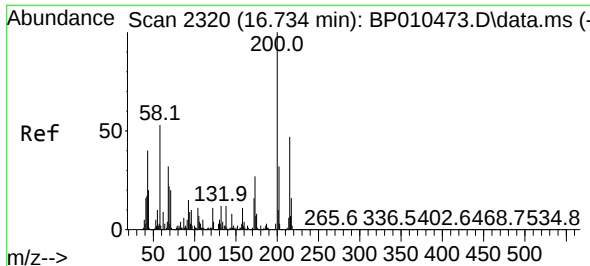
Tgt Ion:248 Resp: 515424
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.0
141 74.8 67.2 100.8



#69
Hexachlorobenzene
Concen: 42.630 ng/ul
RT: 16.587 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:284 Resp: 583088
Ion Ratio Lower Upper
284 100
142 33.2 19.2 28.8#
249 32.0 27.4 41.2

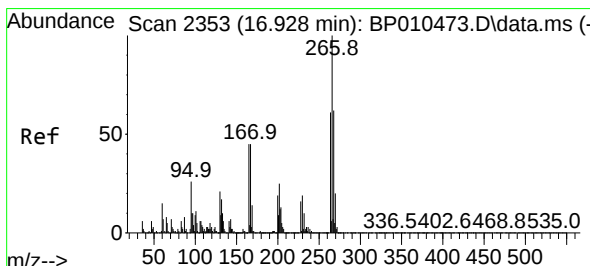
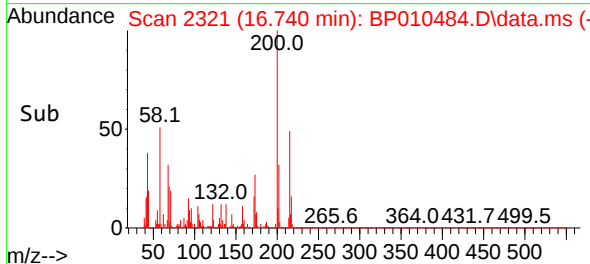
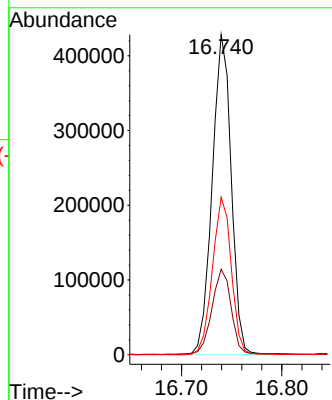
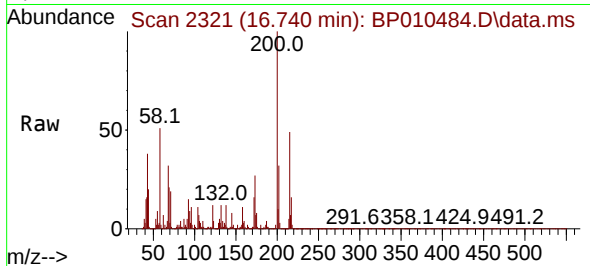




#70
Atrazine
Concen: 43.591 ng/ul
RT: 16.740 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

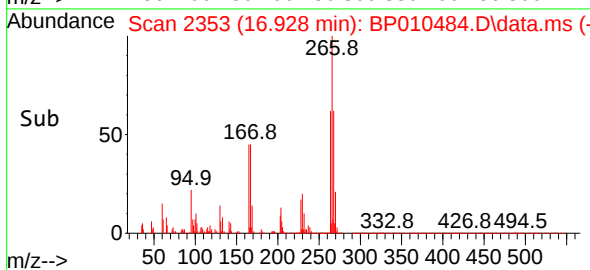
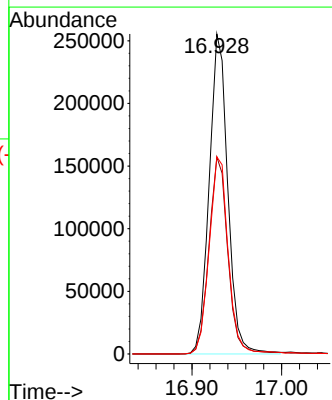
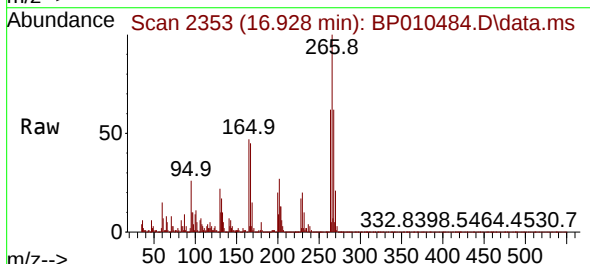
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

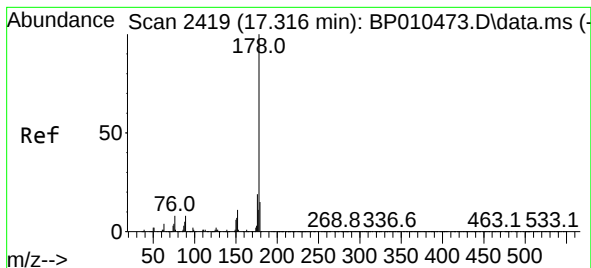
Tgt Ion:200 Resp: 565468
Ion Ratio Lower Upper
200 100
173 26.7 19.2 28.8
215 49.2 32.2 48.4#



#71
Pentachlorophenol
Concen: 42.712 ng/ul
RT: 16.928 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:266 Resp: 366570
Ion Ratio Lower Upper
266 100
264 61.6 57.3 85.9
268 61.6 65.7 98.5#





#72

Phenanthrene

Concen: 43.912 ng/ul

RT: 17.322 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

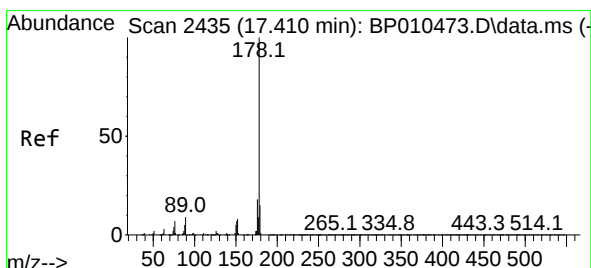
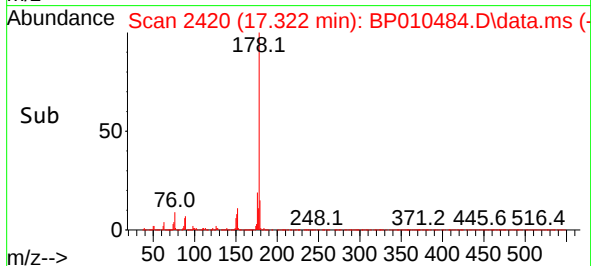
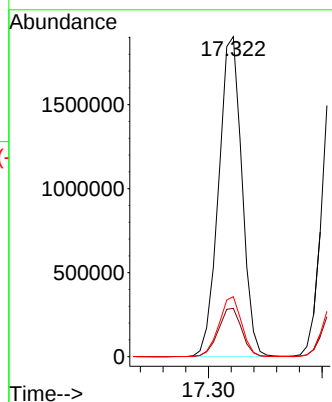
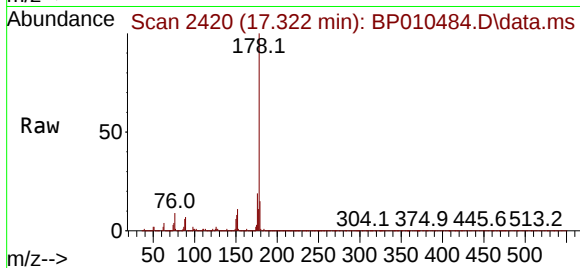
Tgt Ion:178 Resp: 2705891

Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

176 18.8 14.5 21.7



#74

Anthracene

Concen: 42.931 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

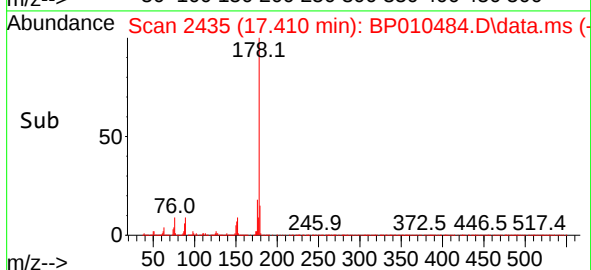
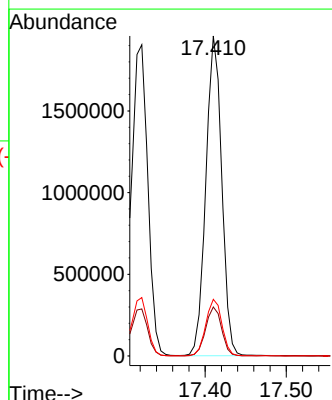
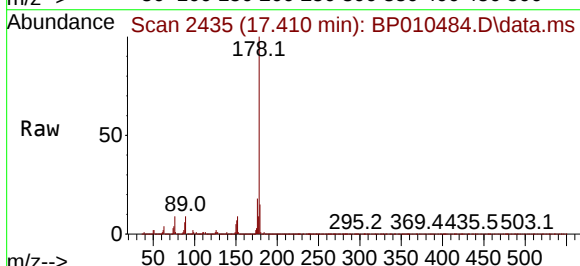
Tgt Ion:178 Resp: 2653911

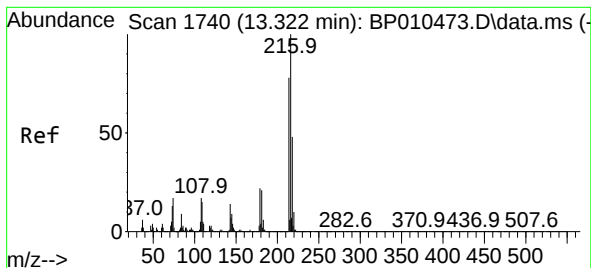
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 17.7 13.4 20.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.938 ng/uL

RT: 13.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

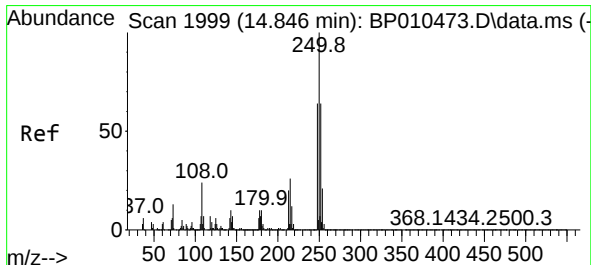
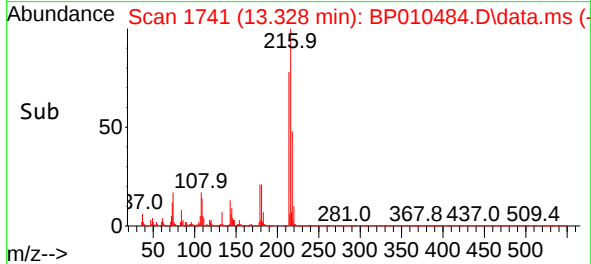
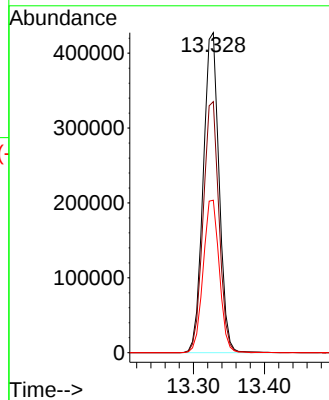
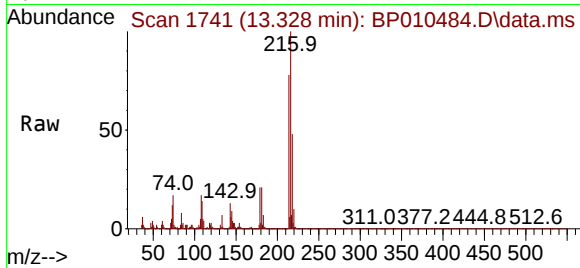
Tgt Ion:216 Resp: 665716

Ion Ratio Lower Upper

216 100

214 78.5 50.4 75.6#

218 47.7 35.2 52.8



#76

Pentachlorobenzene

Concen: 40.999 ng/uL

RT: 14.845 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

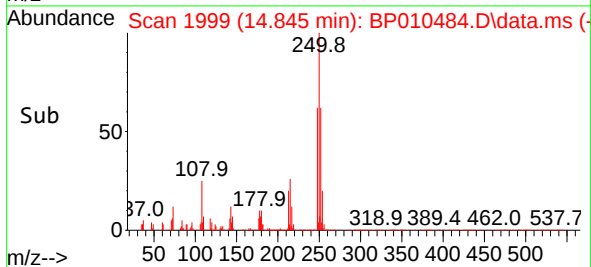
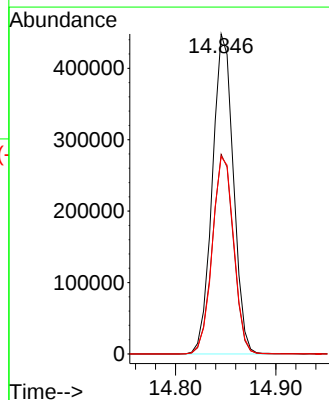
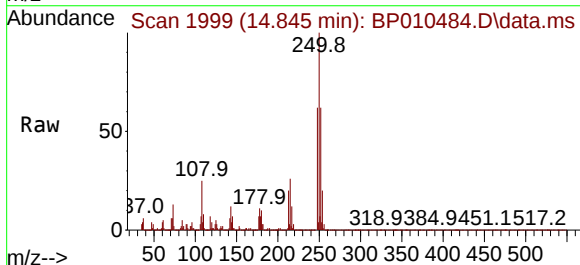
Tgt Ion:250 Resp: 652754

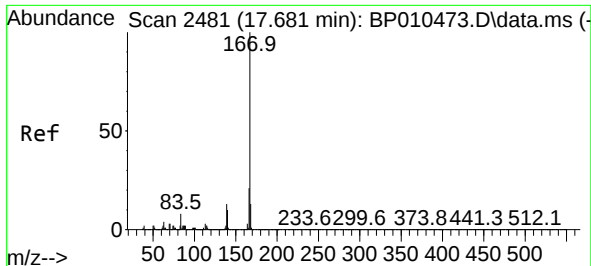
Ion Ratio Lower Upper

250 100

248 62.4 43.5 65.3

252 61.7 46.5 69.7

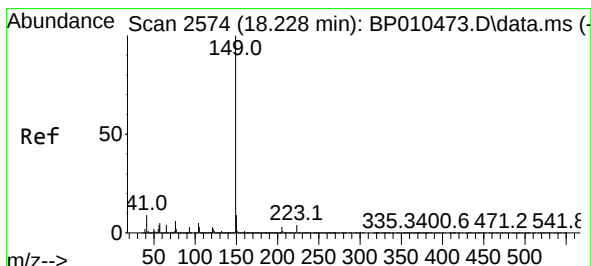
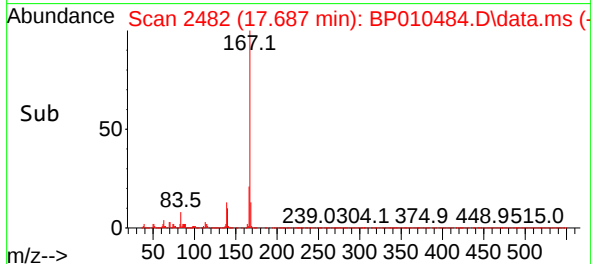
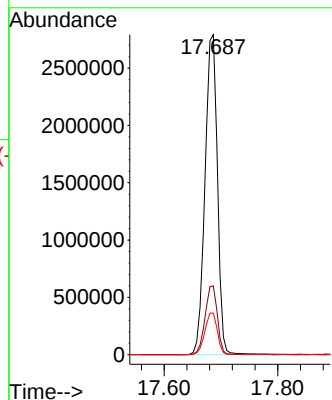
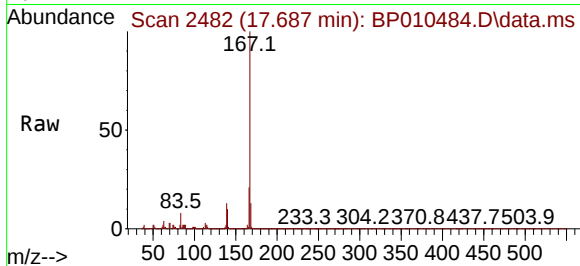




#77
Carbazole
Concen: 77.803 ng/ul
RT: 17.687 min Scan# 2481
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

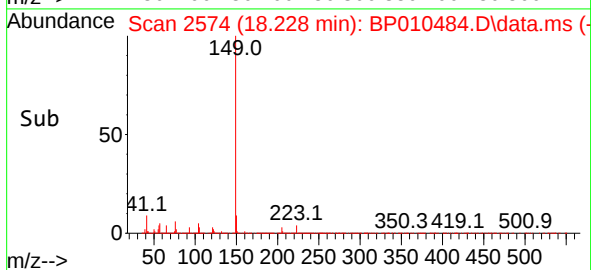
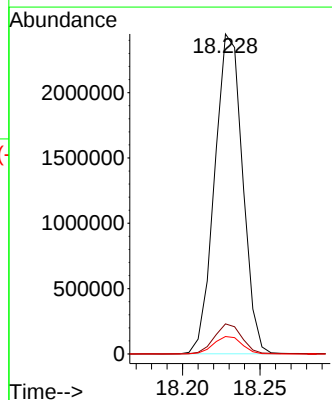
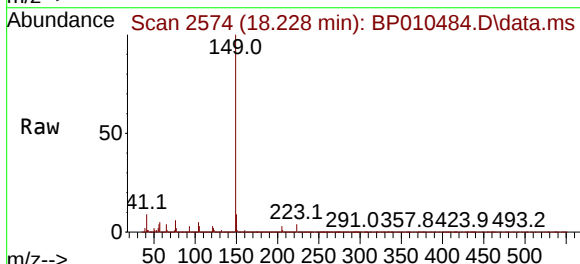
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

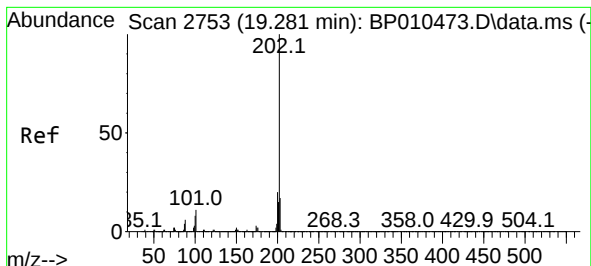
Tgt Ion:167 Resp: 4226860
Ion Ratio Lower Upper
167 100
166 21.5 15.8 23.8
139 13.0 8.3 12.5#



#78
Di-n-butylphthalate
Concen: 46.422 ng/ul
RT: 18.228 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:149 Resp: 3071684
Ion Ratio Lower Upper
149 100
150 9.4 9.6 14.4#
104 5.5 6.2 9.4#





#80

Fluoranthene

Concen: 50.452 ng/ul

RT: 19.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

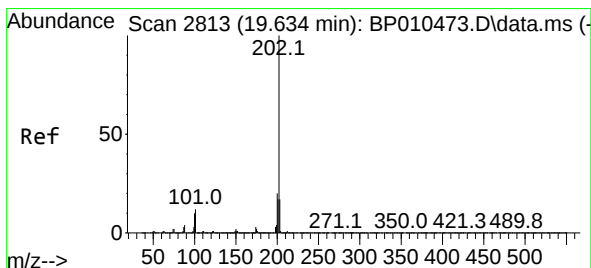
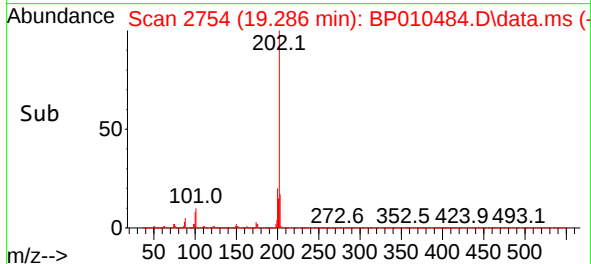
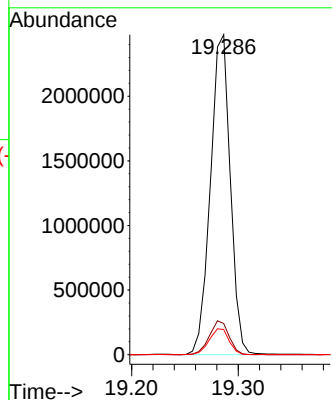
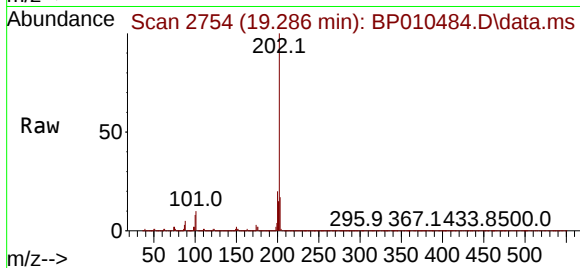
Tgt Ion:202 Resp: 3216851

Ion Ratio Lower Upper

202 100

101 9.8 9.6 14.4

100 7.9 6.3 9.5



#82

Pyrene

Concen: 48.163 ng/ul

RT: 19.639 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

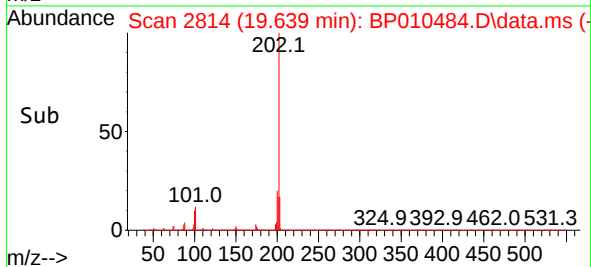
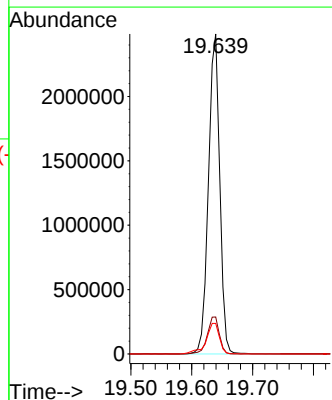
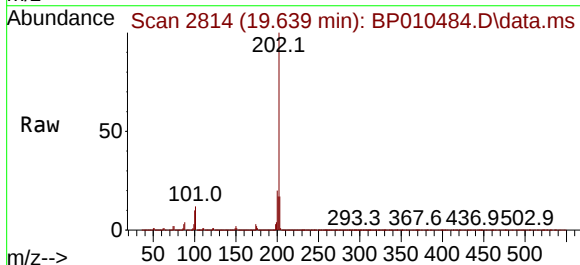
Tgt Ion:202 Resp: 3204710

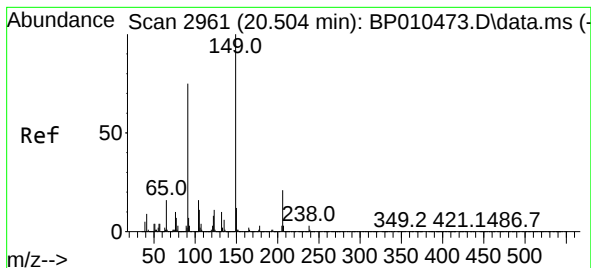
Ion Ratio Lower Upper

202 100

101 11.6 10.6 15.8

100 9.6 9.8 14.6#





#83

Butylbenzylphthalate

Concen: 54.590 ng/ul

RT: 20.504 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

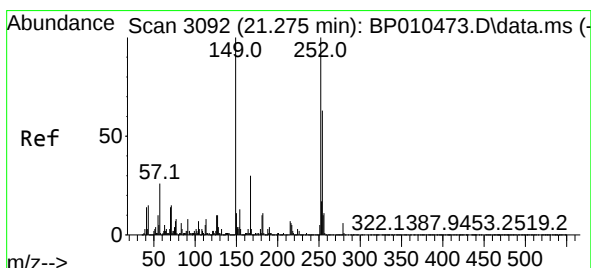
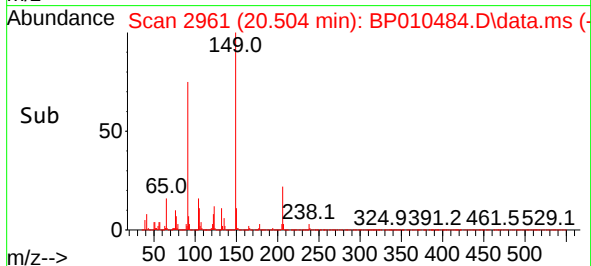
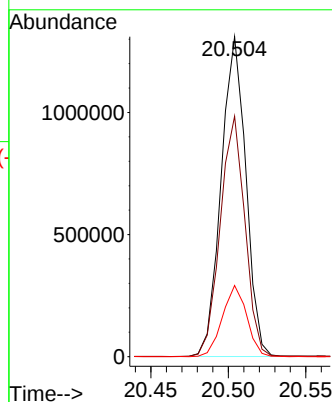
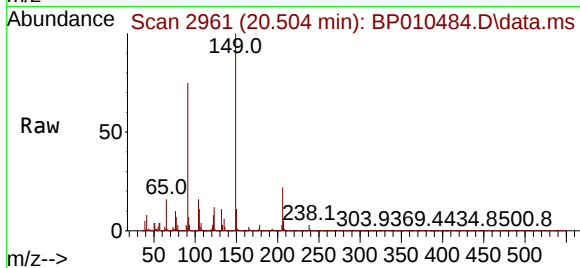
Tgt Ion:149 Resp: 1452470

Ion Ratio Lower Upper

149 100

91 75.1 71.1 106.7

206 22.2 28.8 43.2#



#84

3,3'-Dichlorobenzidine

Concen: 38.769 ng/ul

RT: 21.275 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

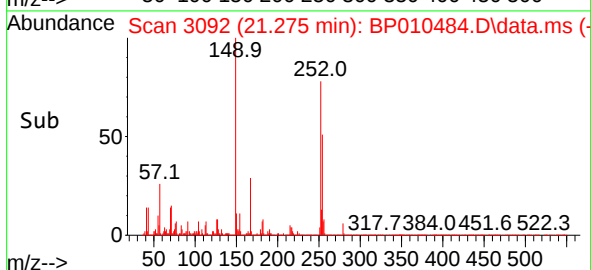
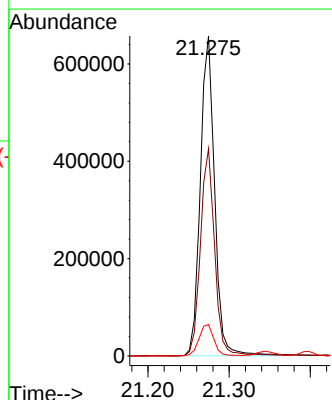
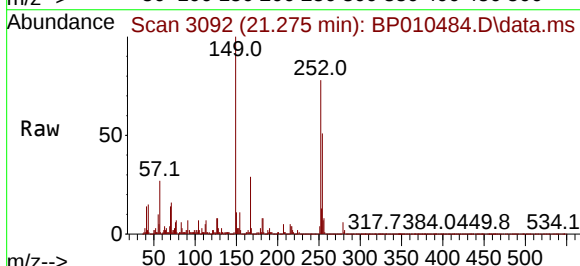
Tgt Ion:252 Resp: 805029

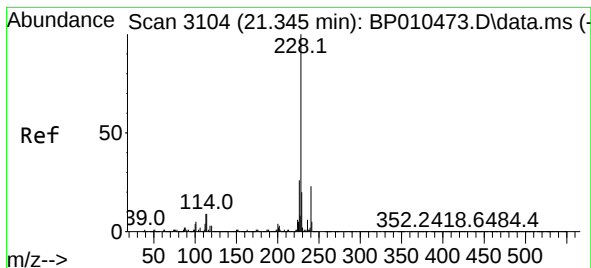
Ion Ratio Lower Upper

252 100

254 64.8 49.8 74.6

126 9.8 4.3 6.5#





#85

Benzo(a)anthracene

Concen: 45.070 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

Instrument :

BNA_P

ClientSampleId :

P017-SS001-1824-01MSD

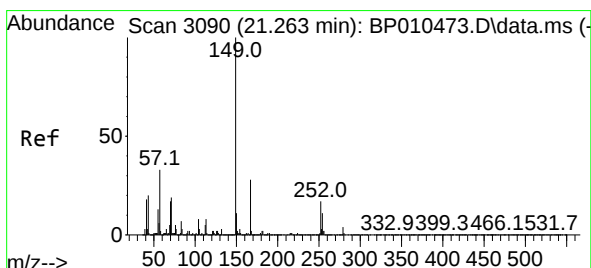
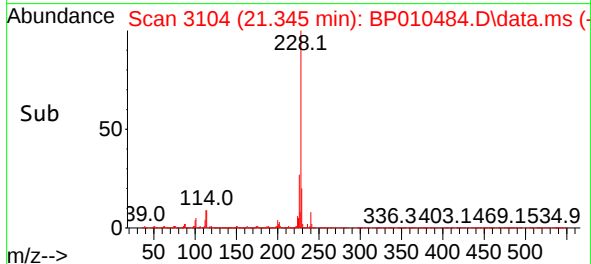
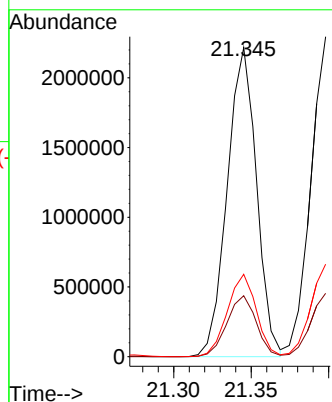
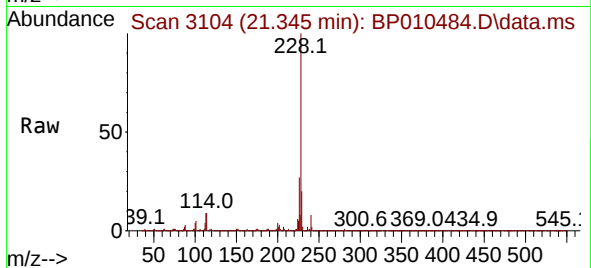
Tgt Ion:228 Resp: 2911764

Ion Ratio Lower Upper

228 100

229 19.7 18.2 27.2

226 26.7 22.8 34.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 53.741 ng/ul

RT: 21.263 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BP010484.D

Acq: 23 May 2022 19:26

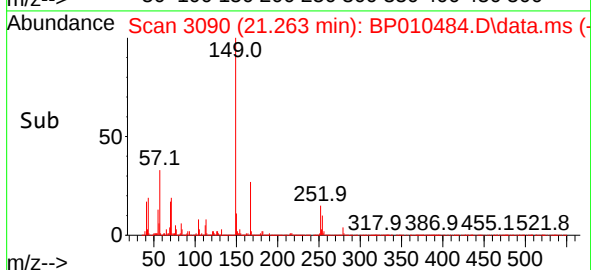
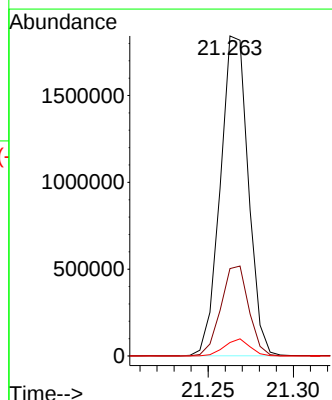
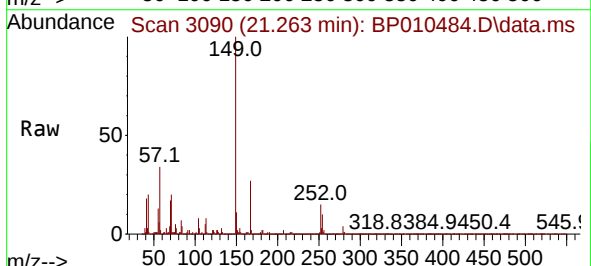
Tgt Ion:149 Resp: 2098248

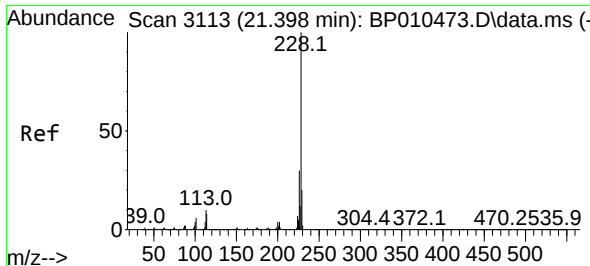
Ion Ratio Lower Upper

149 100

167 27.3 32.8 49.2#

279 4.2 5.6 8.4#

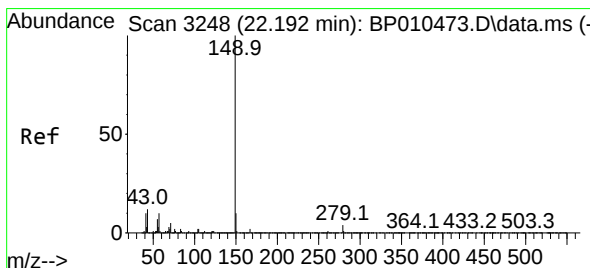
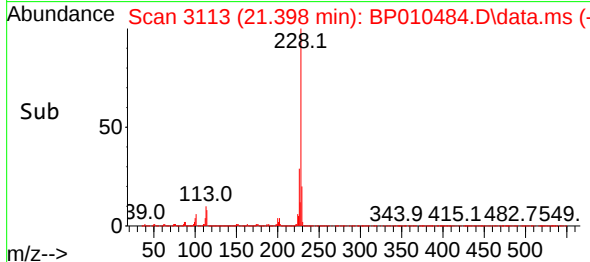
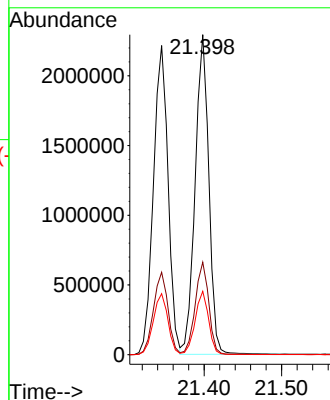
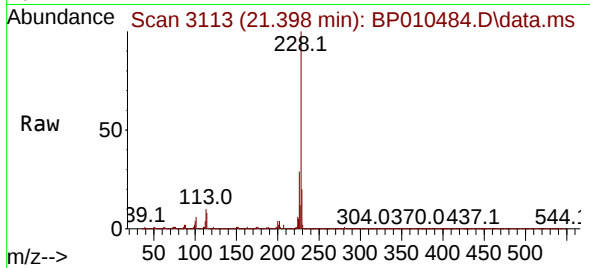




#87
Chrysene
Concen: 44.163 ng/ul
RT: 21.398 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

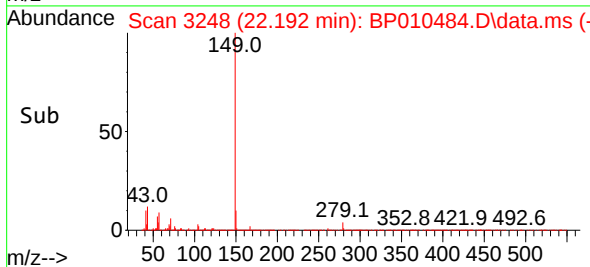
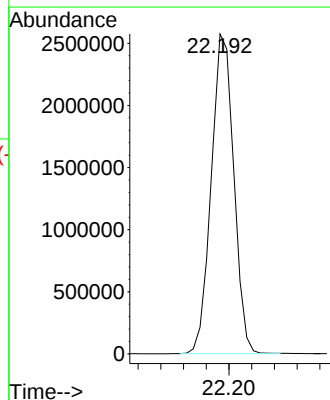
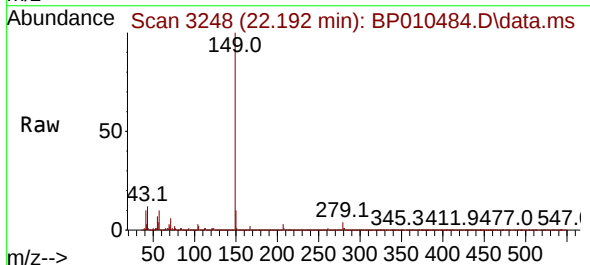
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

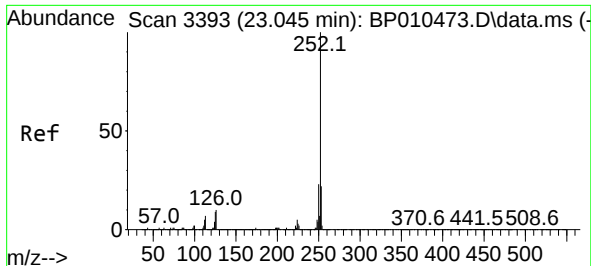
Tgt Ion:228 Resp: 2806459
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 19.8 15.2 22.8



#89
Di-n-octyl phthalate
Concen: 57.887 ng/ul
RT: 22.192 min Scan# 3248
Delta R.T. -0.012 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:149 Resp: 3542080

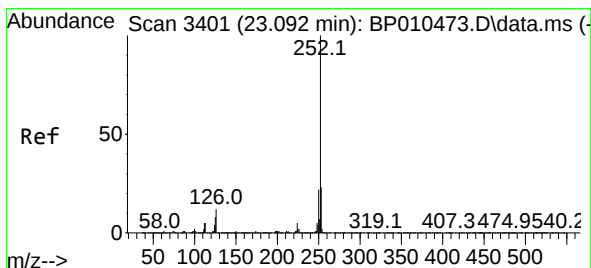
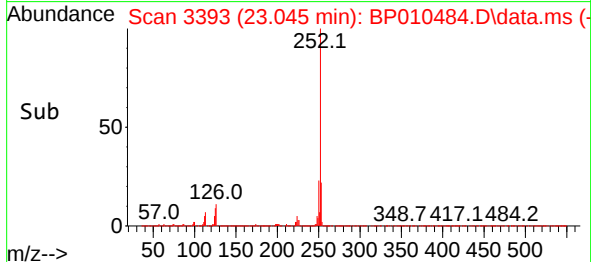
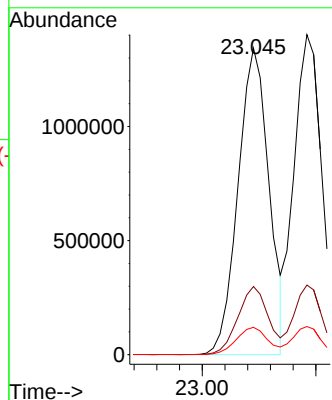
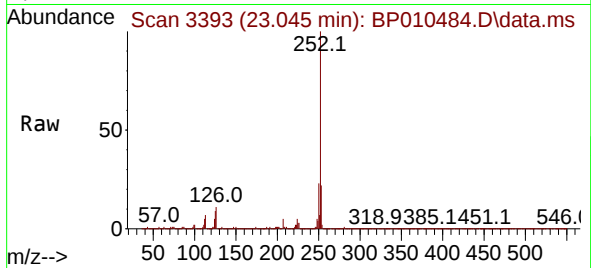




#90
Benzo(b)fluoranthene
Concen: 46.543 ng/ul
RT: 23.045 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

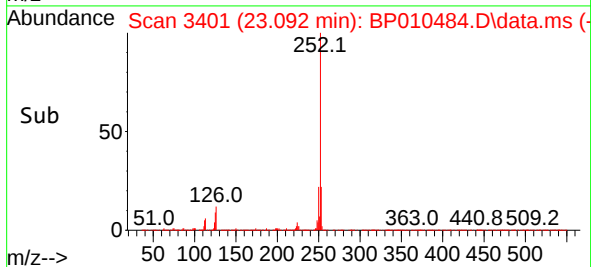
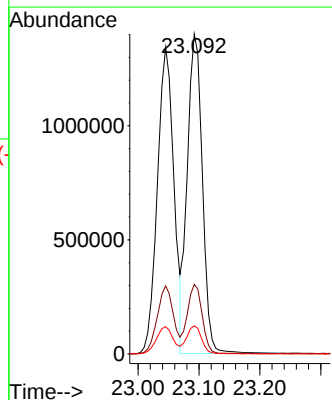
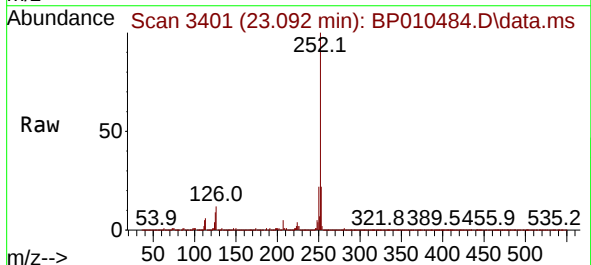
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

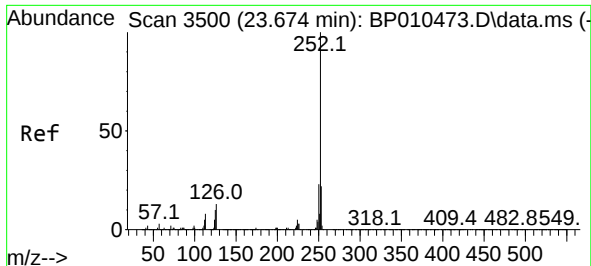
Tgt Ion:252 Resp: 2530423
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 8.9 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 46.691 ng/ul
RT: 23.092 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:252 Resp: 2412607
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.8 5.1 7.7#

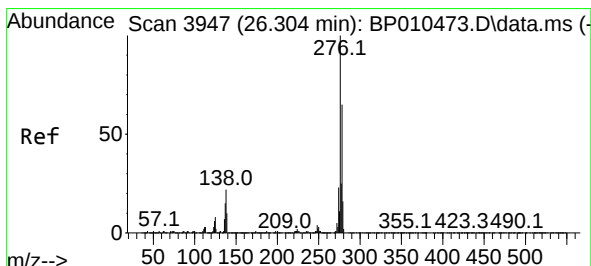
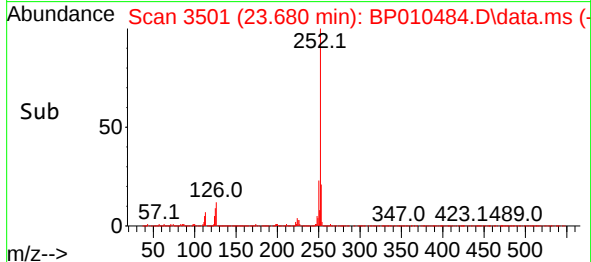
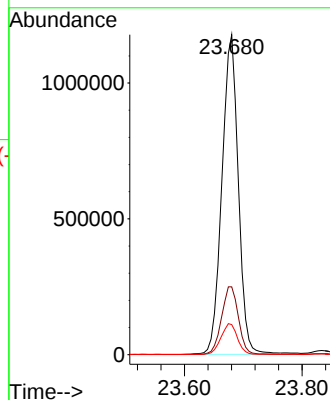
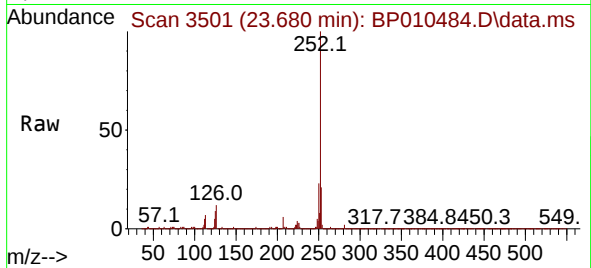




#93
Benzo(a)pyrene
Concen: 45.070 ng/ul
RT: 23.680 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

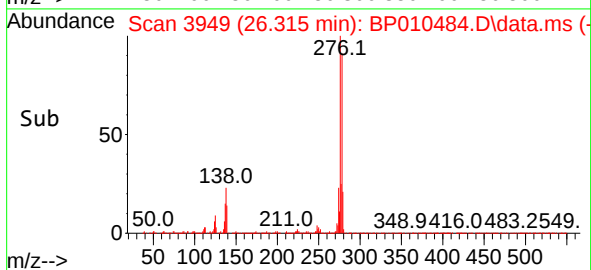
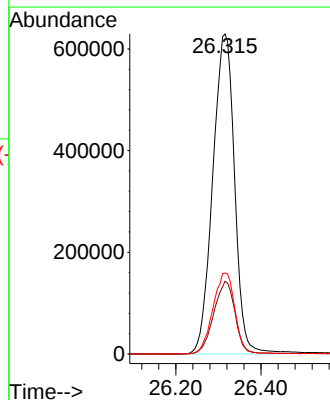
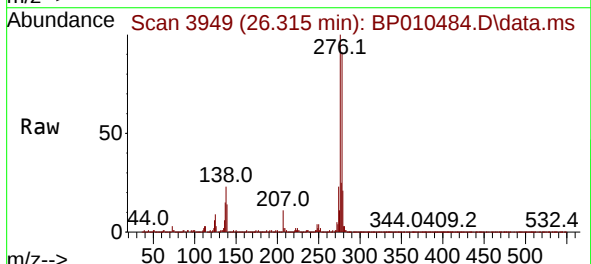
Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

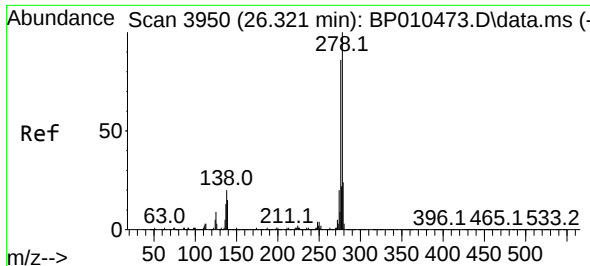
Tgt Ion:252 Resp: 2276564
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.4 6.4 9.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 47.059 ng/ul
RT: 26.315 min Scan# 3949
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:276 Resp: 2236226
Ion Ratio Lower Upper
276 100
138 22.7 12.3 18.5#
277 25.3 19.3 28.9

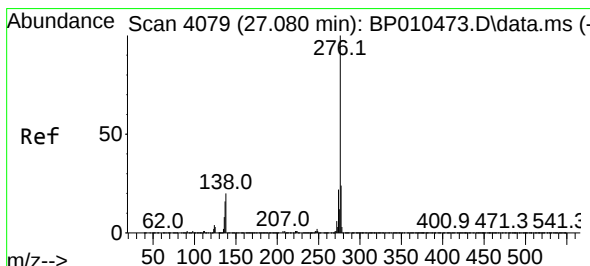
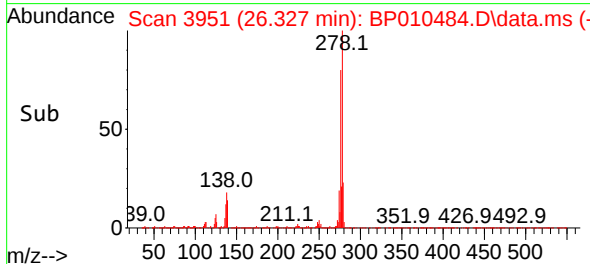
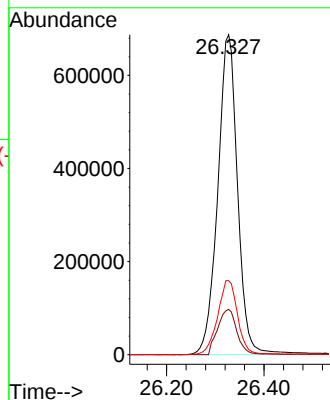
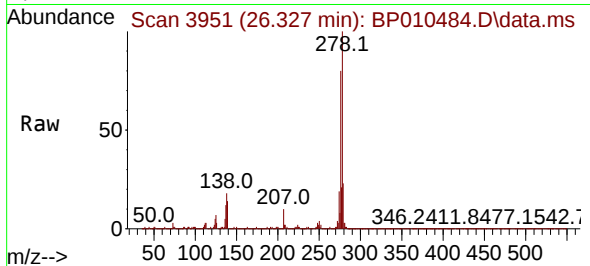




#95
Dibenzo(a,h)anthracene
Concen: 46.940 ng/ul
RT: 26.327 min Scan# 3950
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Instrument :
BNA_P
ClientSampleId :
P017-SS001-1824-01MSD

Tgt Ion:278 Resp: 1935477
Ion Ratio Lower Upper
278 100
139 14.2 6.6 10.0#
279 23.1 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 47.166 ng/ul
RT: 27.086 min Scan# 4080
Delta R.T. -0.006 min
Lab File: BP010484.D
Acq: 23 May 2022 19:26

Tgt Ion:276 Resp: 1871497
Ion Ratio Lower Upper
276 100
138 18.9 11.6 17.4#
277 23.3 15.9 23.9

