

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024121.D
 Acq On : 27 Feb 2025 15:08
 Operator : RC/JU
 Sample : Q1421-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-CLAY-CF01-01MS

Quant Time: Feb 27 15:34:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	426681	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1618071	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	912646	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1719496	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1738985	20.000	ng	0.00
86) Perylene-d12	25.027	264	1915613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1869119	68.353	ng	0.00
7) Phenol-d6	6.940	99	1420482	40.417	ng	0.00
23) Nitrobenzene-d5	8.905	82	2982699	102.839	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1787793	159.926	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	6244016	95.646	ng	0.00
79) Terphenyl-d14	19.904	244	8934410	101.662	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	223967	20.879	ng	97
3) Pyridine	3.705	79	491037	17.607	ng	98
4) n-Nitrosodimethylamine	3.611	42	185712	18.773	ng	# 99
6) Aniline	7.087	93	1074893	33.396	ng	100
8) 2-Chlorophenol	7.328	128	1004552	34.708	ng	97
9) Benzaldehyde	6.905	77	489574	30.511	ng	99
10) Phenol	6.963	94	460147	13.020	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	1191961	42.821	ng	99
12) 1,3-Dichlorobenzene	7.646	146	935910	29.435	ng	99
13) 1,4-Dichlorobenzene	7.793	146	965137	30.015	ng	100
14) 1,2-Dichlorobenzene	8.105	146	952510	30.866	ng	100
15) Benzyl Alcohol	7.993	79	690883	32.114	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	1184386	43.831	ng	98
17) 2-Methylphenol	8.199	107	694362	32.241	ng	99
18) Hexachloroethane	8.828	117	322379	27.838	ng	98
19) n-Nitroso-di-n-propyla...	8.558	70	879275	46.530	ng	99
20) 3+4-Methylphenols	8.522	107	819458	27.969	ng	99
22) Acetophenone	8.569	105	2016660	48.501	ng	# 99
24) Nitrobenzene	8.946	77	1242598	43.533	ng	98
25) Isophorone	9.469	82	2379783	50.176	ng	98
26) 2-Nitrophenol	9.652	139	592497	45.055	ng	99
27) 2,4-Dimethylphenol	9.716	122	929003	53.817	ng	99
28) bis(2-Chloroethoxy)met...	9.946	93	1536438	44.717	ng	100
29) 2,4-Dichlorophenol	10.187	162	998287	42.376	ng	99
30) 1,2,4-Trichlorobenzene	10.399	180	908773	33.669	ng	98
31) Naphthalene	10.581	128	3222110	37.034	ng	99
32) Benzoic acid	9.799	122	97401	12.027	ng	98
33) 4-Chloroaniline	10.693	127	1158590	37.800	ng	99
34) Hexachlorobutadiene	10.869	225	464071	29.684	ng	99
35) Caprolactam	11.493	113	64266	12.733	ng	92
36) 4-Chloro-3-methylphenol	11.822	107	975221	40.269	ng	98
37) 2-Methylnaphthalene	12.198	142	2231076	38.582	ng	99
38) 1-Methylnaphthalene	12.410	142	2206115	39.216	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	1258547	44.882	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1283263	122.982	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	808337	47.268	ng	99

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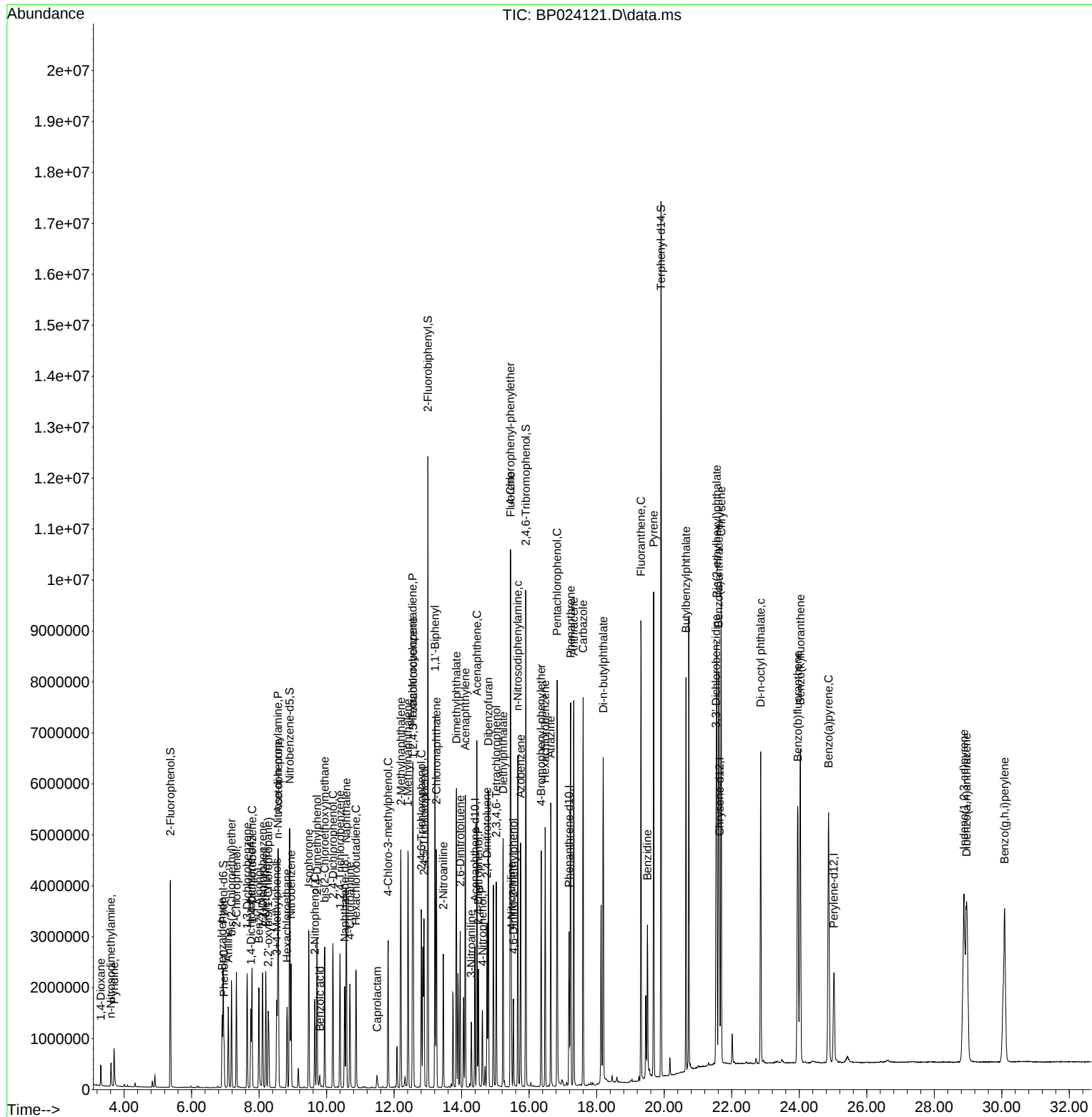
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	875339	46.803	ng	98
46) 1,1'-Biphenyl	13.210	154	3368853	47.503	ng	100
47) 2-Chloronaphthalene	13.251	162	2276662	42.467	ng	99
48) 2-Nitroaniline	13.457	65	642995	50.774	ng	97
49) Acenaphthylene	14.110	152	3786403	47.938	ng	99
50) Dimethylphthalate	13.845	163	3686389	57.263	ng	100
51) 2,6-Dinitrotoluene	13.957	165	635338	48.448	ng	99
52) Acenaphthene	14.451	154	2274749	44.722	ng	99
53) 3-Nitroaniline	14.287	138	320040	22.871	ng	93
54) 2,4-Dinitrophenol	14.498	184	496449	59.617	ng	95
55) Dibenzofuran	14.792	168	3556573	43.043	ng	99
56) 4-Nitrophenol	14.616	139	426395	35.275	ng	97
57) 2,4-Dinitrotoluene	14.751	165	892873	52.413	ng	95
58) Fluorene	15.451	166	2924644	45.322	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	761176	46.909	ng	99
60) Diethylphthalate	15.228	149	2935352	45.932	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1399679	44.066	ng	99
62) 4-Nitroaniline	15.475	138	565516	35.085	ng	96
63) Azobenzene	15.745	77	2846663	47.536	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	376344	35.816	ng	99
66) n-Nitrosodiphenylamine	15.663	169	2499612	46.615	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	858199	44.445	ng	98
68) Hexachlorobenzene	16.475	284	1012929	44.582	ng	100
69) Atrazine	16.639	200	952318	69.204	ng	98
70) Pentachlorophenol	16.828	266	1461912	99.067	ng	99
71) Phenanthrene	17.228	178	4418199	45.575	ng	100
72) Anthracene	17.322	178	4495423	48.390	ng	100
73) Carbazole	17.598	167	4309504	48.688	ng	100
74) Di-n-butylphthalate	18.192	149	5193252	50.283	ng	100
75) Fluoranthene	19.310	202	5134314	46.824	ng	98
77) Benzidine	19.504	184	1704366	80.431	ng	100
78) Pyrene	19.686	202	5353144	48.463	ng	100
80) Butylbenzylphthalate	20.645	149	2327290	54.983	ng	95
81) Benzo(a)anthracene	21.616	228	5271907	48.347	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	1877345	55.096	ng	99
83) Chrysene	21.686	228	4945554	47.034	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	3318151	51.695	ng	100
85) Di-n-octyl phthalate	22.857	149	5427250	52.899	ng	99
87) Indeno(1,2,3-cd)pyrene	28.880	276	6800555	49.902	ng	# 93
88) Benzo(b)fluoranthene	23.957	252	5378136	44.211	ng	99
89) Benzo(k)fluoranthene	24.033	252	5405182	45.650	ng	99
90) Benzo(a)pyrene	24.868	252	5099207	49.393	ng	99
91) Dibenzo(a,h)anthracene	28.956	278	5563977	48.557	ng	99
92) Benzo(g,h,i)perylene	30.080	276	5354431	46.049	ng	100

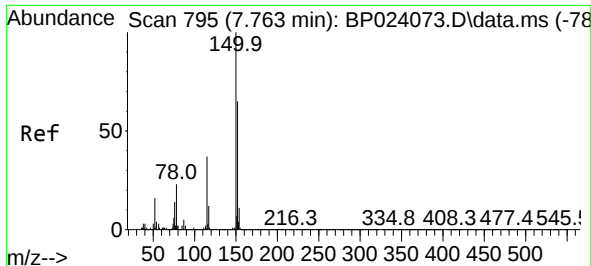
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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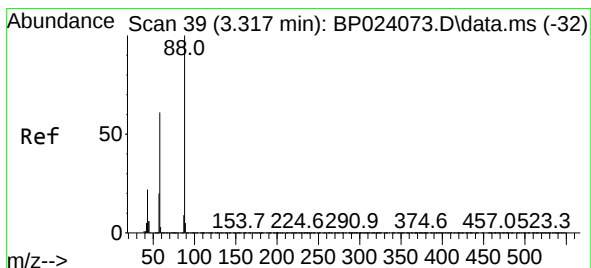
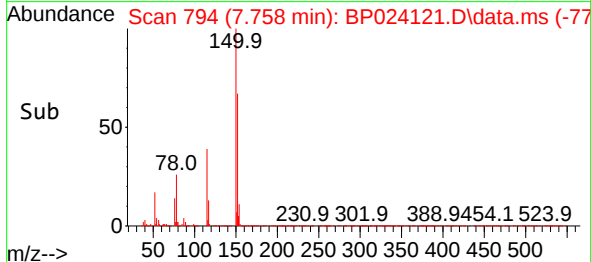
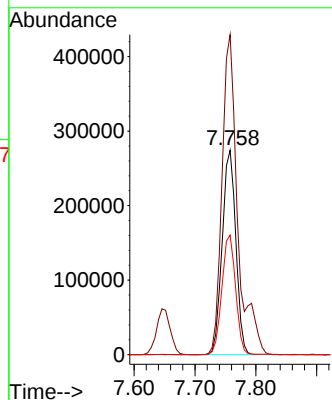
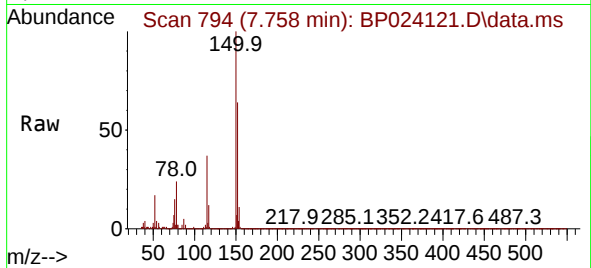




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

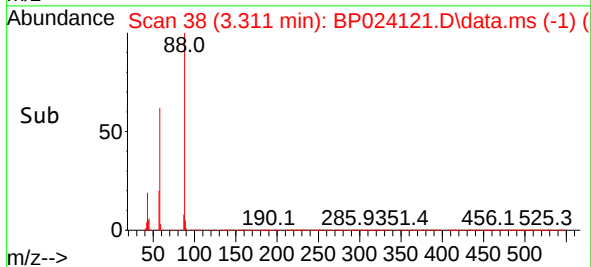
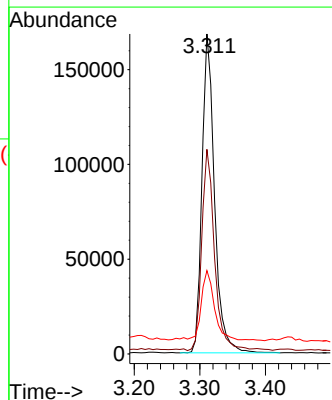
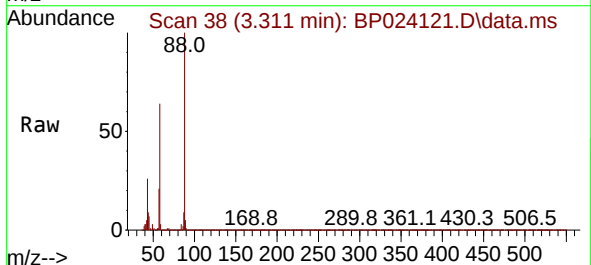
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion:152 Resp: 426681
Ion Ratio Lower Upper
152 100
150 156.5 122.4 183.6
115 58.5 45.0 67.6



#2
1,4-Dioxane
Concen: 20.879 ng
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 88 Resp: 223967
Ion Ratio Lower Upper
88 100
58 64.6 49.1 73.7
43 22.7 18.0 27.0

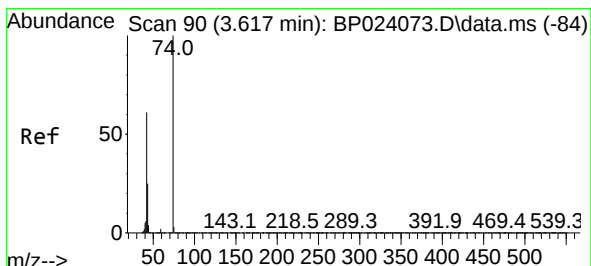
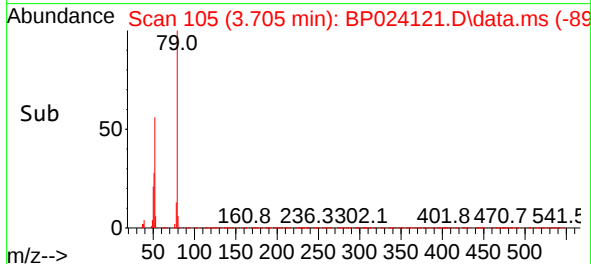
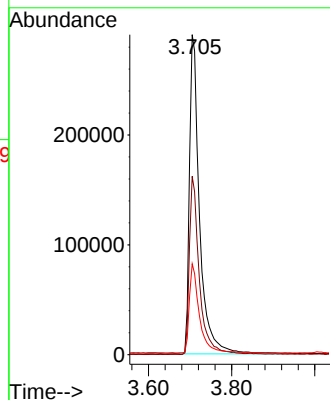
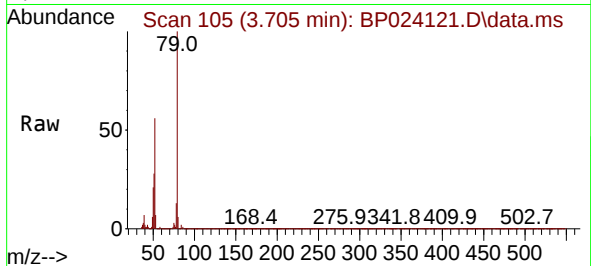




#3
Pyridine
Concen: 17.607 ng
RT: 3.705 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

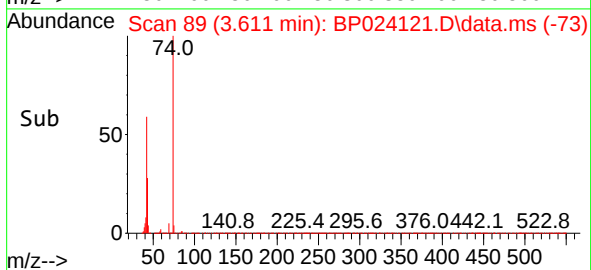
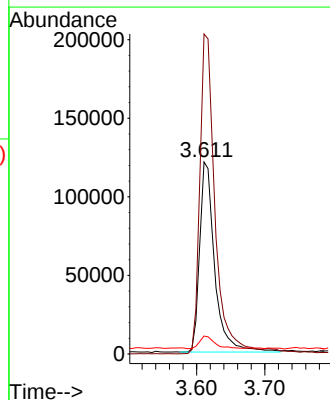
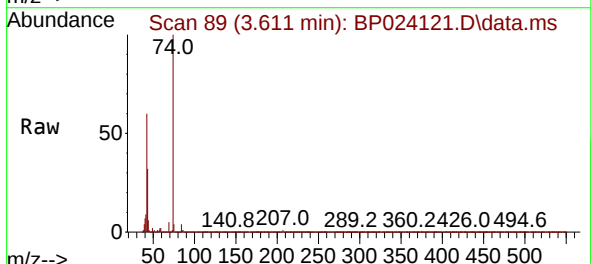
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ClientSampleId :
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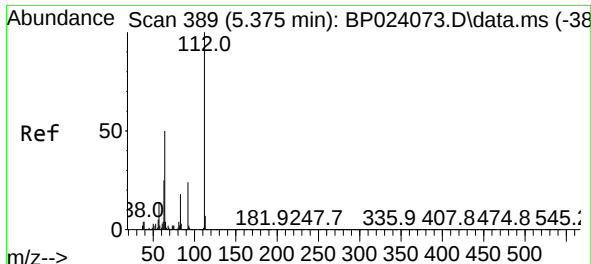
Tgt Ion: 79 Resp: 491037
Ion Ratio Lower Upper
79 100
52 55.8 43.5 65.3
51 28.4 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 18.773 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 42 Resp: 185712
Ion Ratio Lower Upper
42 100
74 166.6 132.0 198.0
44 9.3 5.3 7.9

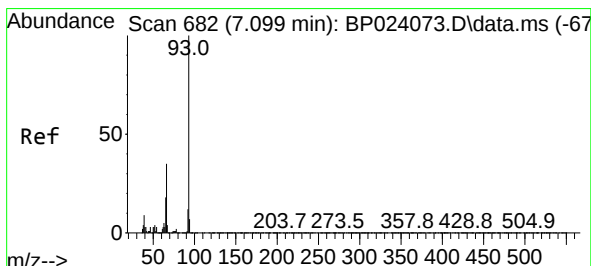
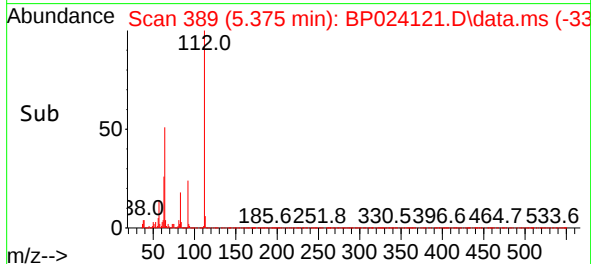
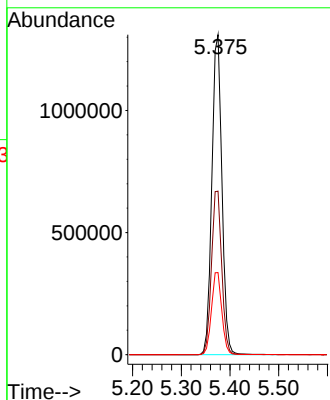
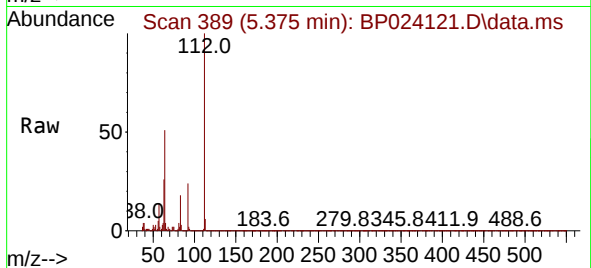




#5
2-Fluorophenol
Concen: 68.353 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

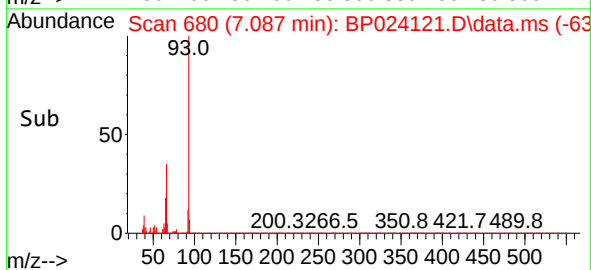
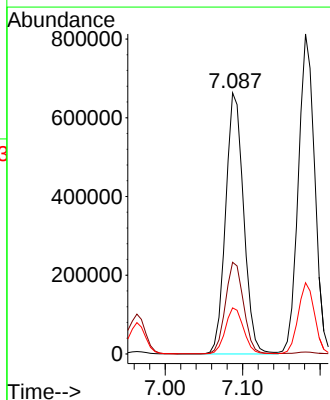
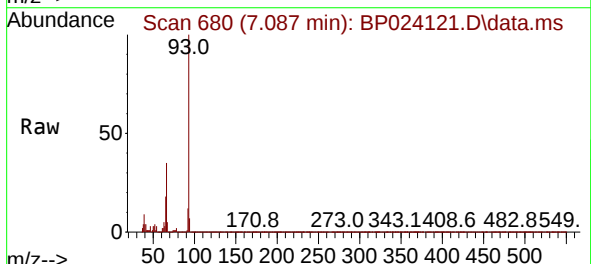
Instrument :
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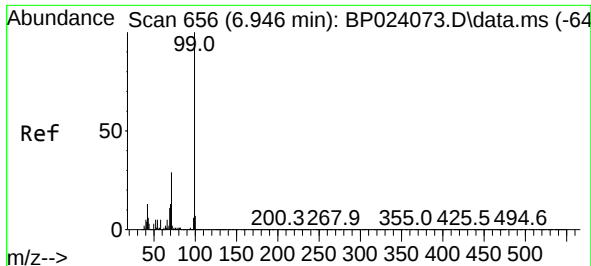
Tgt Ion:112 Resp: 1869119
Ion Ratio Lower Upper
112 100
64 51.1 39.6 59.4
63 25.7 20.3 30.5



#6
Aniline
Concen: 33.396 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.012 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 93 Resp: 1074893
Ion Ratio Lower Upper
93 100
66 35.1 28.2 42.4
65 17.7 14.1 21.1



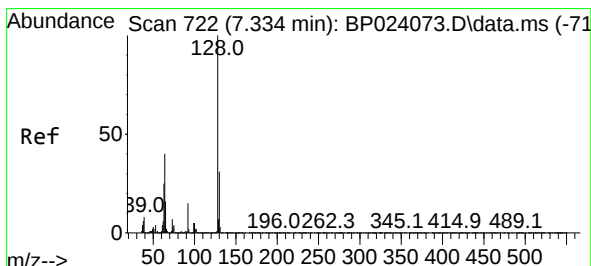
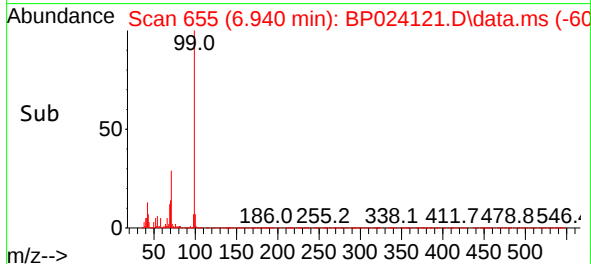
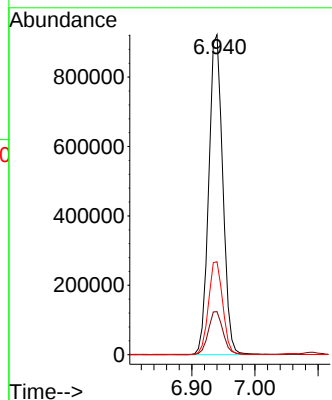
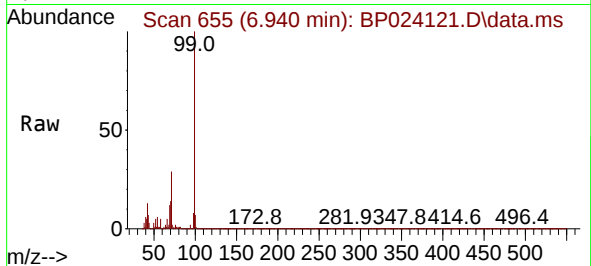


#7
Phenol-d6
Concen: 40.417 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024121.D
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Tgt Ion: 99 Resp: 1420482

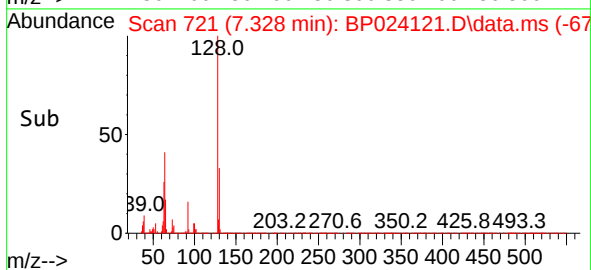
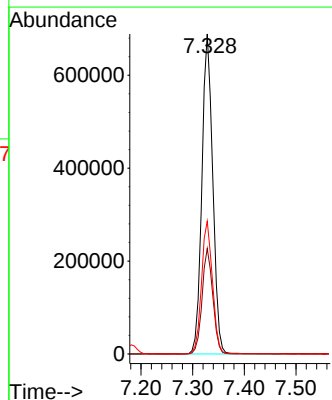
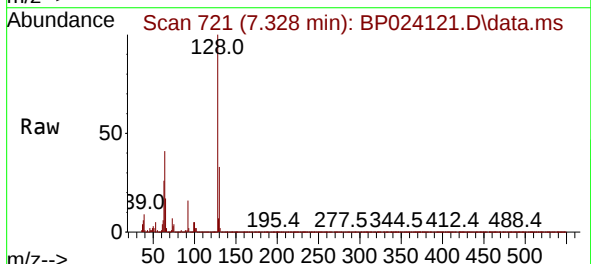
Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.3	15.5
71	29.1	22.9	34.3

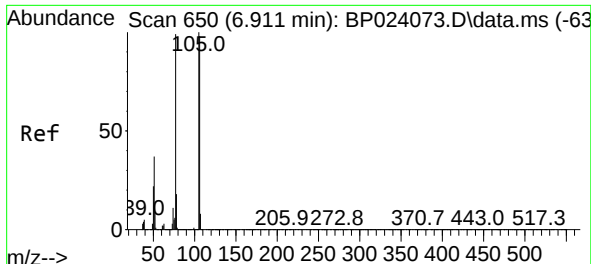


#8
2-Chlorophenol
Concen: 34.708 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:128 Resp: 1004552

Ion	Ratio	Lower	Upper
128	100		
130	33.0	11.5	51.5
64	41.5	19.8	59.8

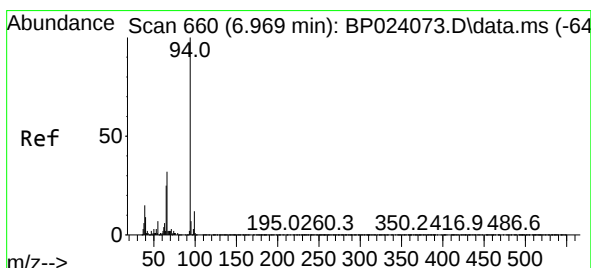
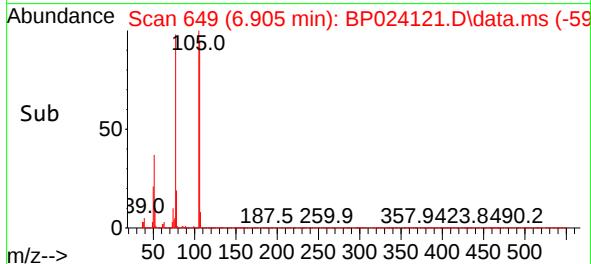
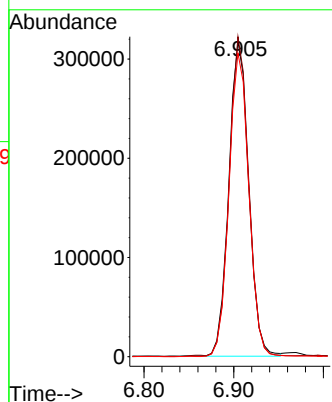
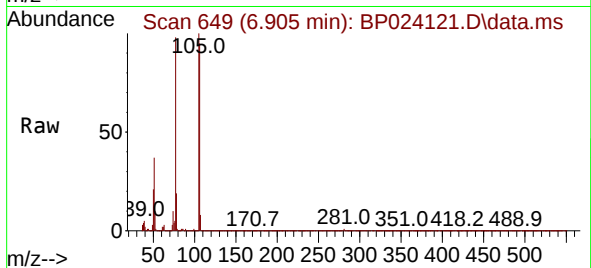




#9
Benzaldehyde
Concen: 30.511 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024121.D
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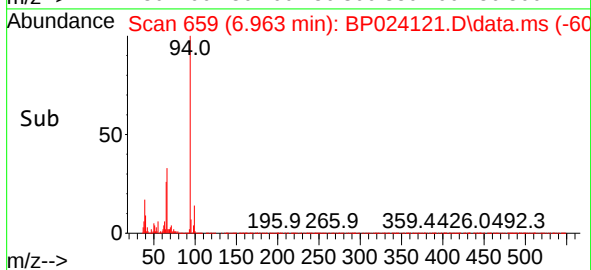
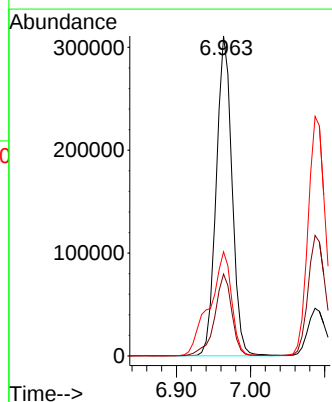
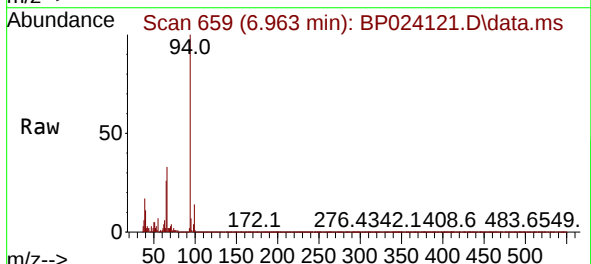
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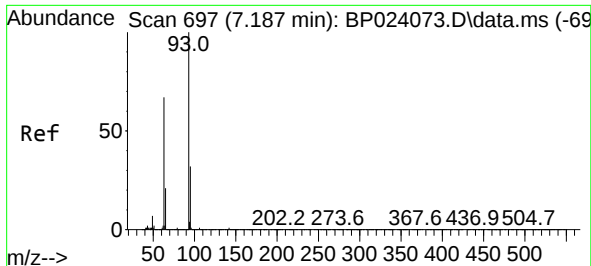
Tgt Ion: 77 Resp: 489574
Ion Ratio Lower Upper
77 100
105 101.6 81.4 121.4
106 96.4 79.0 119.0



#10
Phenol
Concen: 13.020 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 94 Resp: 460147
Ion Ratio Lower Upper
94 100
65 25.6 5.0 45.0
66 32.5 11.6 51.6



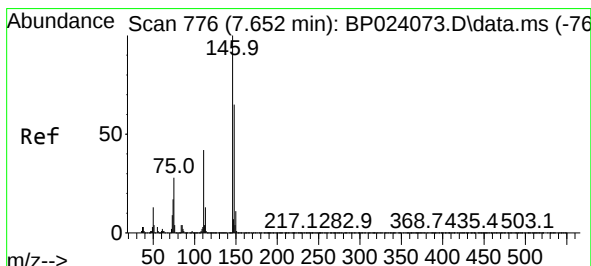
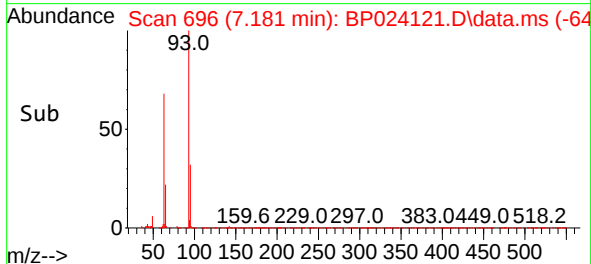
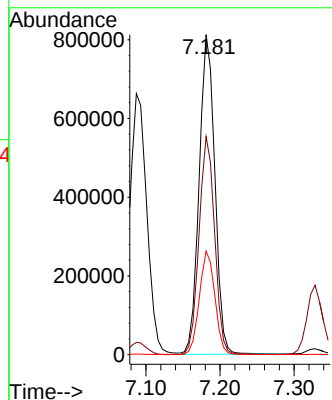
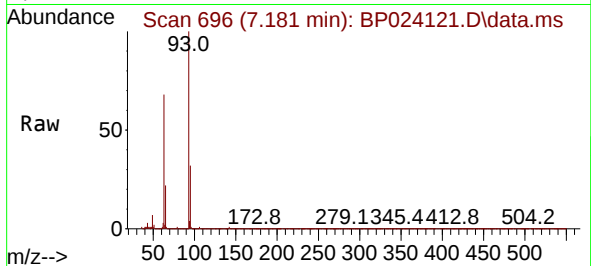


#11
bis(2-Chloroethyl)ether
Concen: 42.821 ng
RT: 7.181 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion: 93 Resp: 1191961

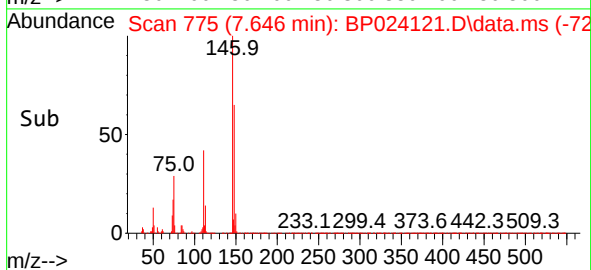
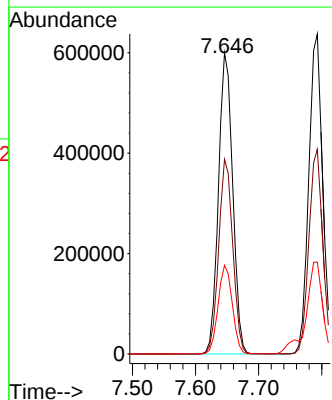
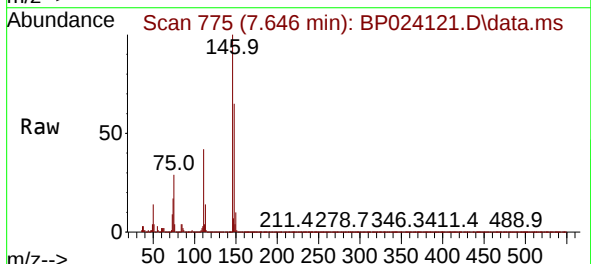
Ion	Ratio	Lower	Upper
93	100		
63	68.2	46.5	86.5
95	32.3	12.3	52.3

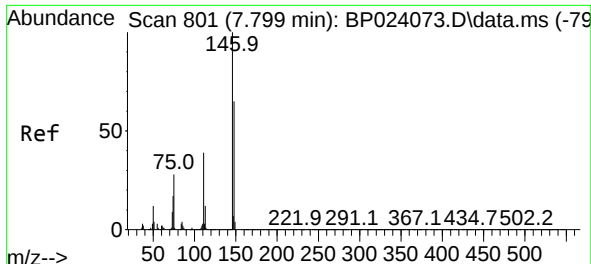


#12
1,3-Dichlorobenzene
Concen: 29.435 ng
RT: 7.646 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 146 Resp: 935910

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	29.4	22.6	33.8

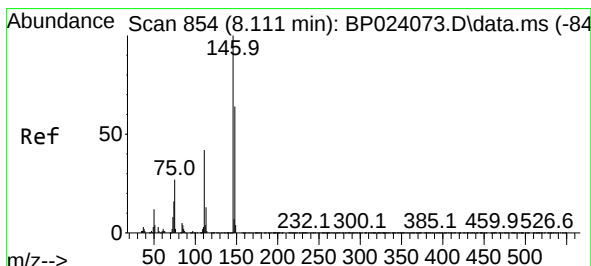
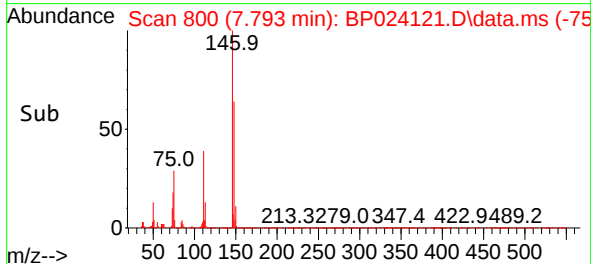
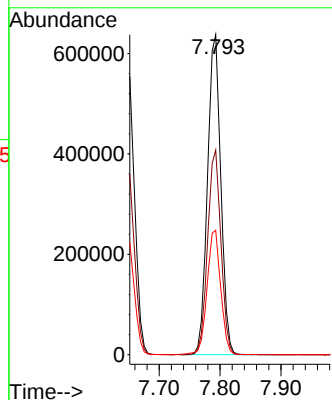
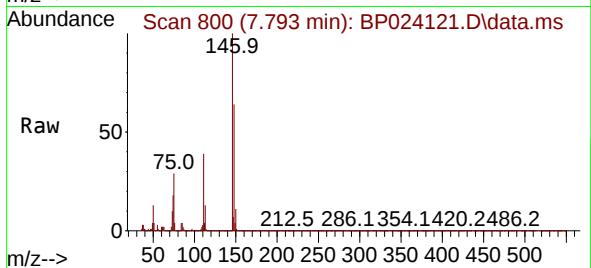




#13
1,4-Dichlorobenzene
Concen: 30.015 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

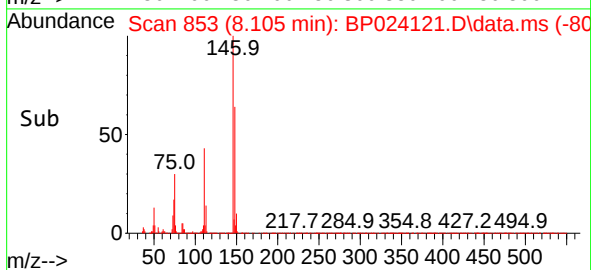
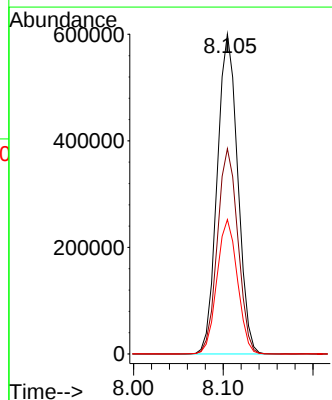
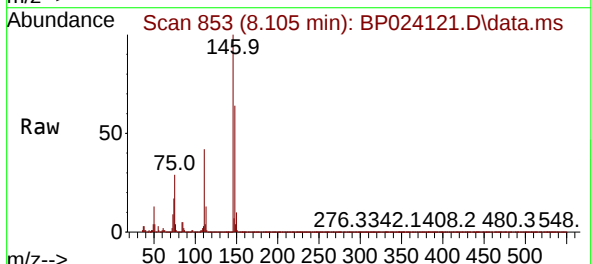
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

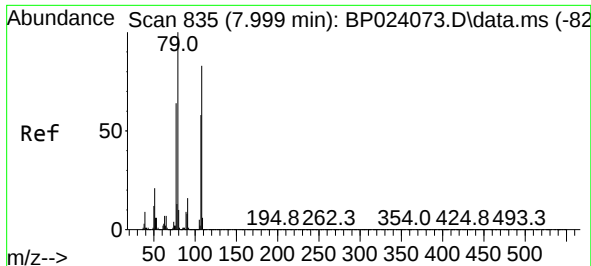
Tgt Ion:146 Resp: 965137
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
111 38.9 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 30.866 ng
RT: 8.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:146 Resp: 952510
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 42.0 33.4 50.0

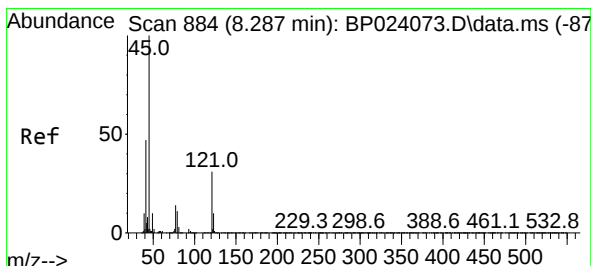
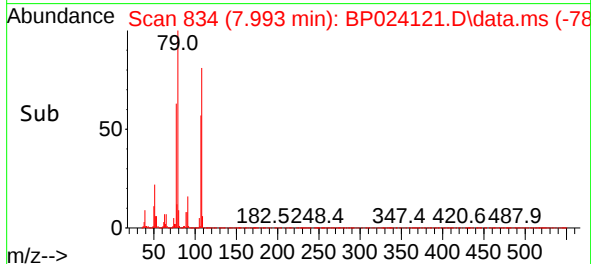
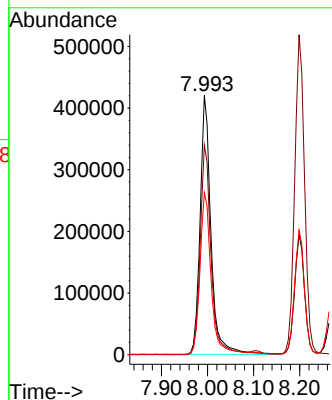
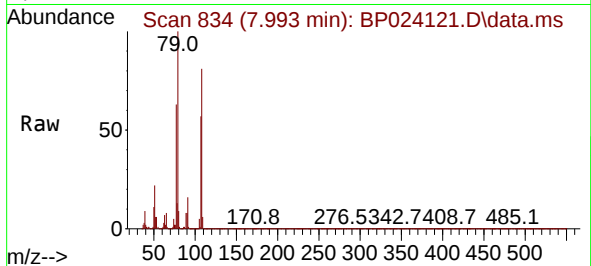




#15
Benzyl Alcohol
Concen: 32.114 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

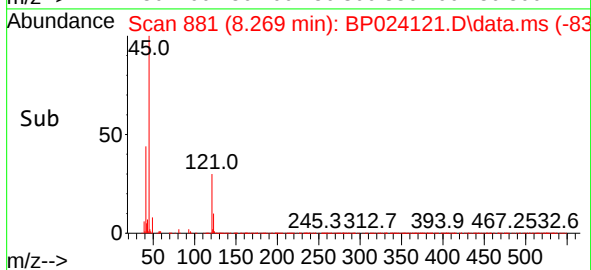
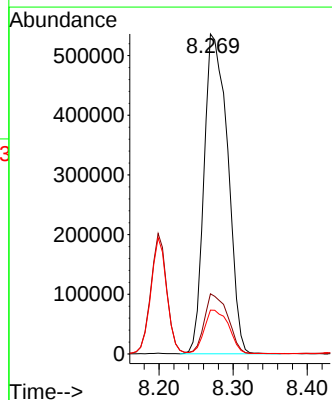
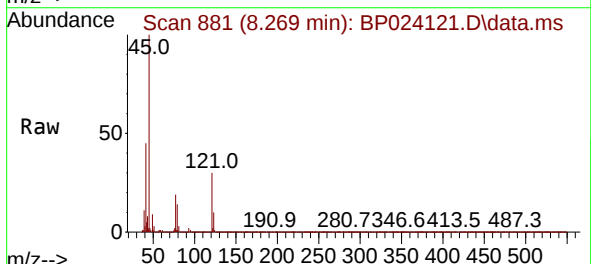
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

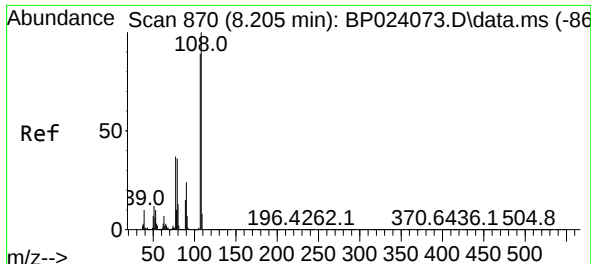
Tgt Ion: 79 Resp: 690883
Ion Ratio Lower Upper
79 100
108 80.9 66.4 99.6
77 62.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.831 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.018 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 45 Resp: 1184386
Ion Ratio Lower Upper
45 100
77 18.8 0.0 38.8
79 13.7 0.0 35.4

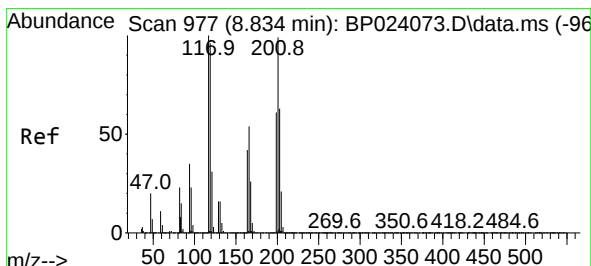
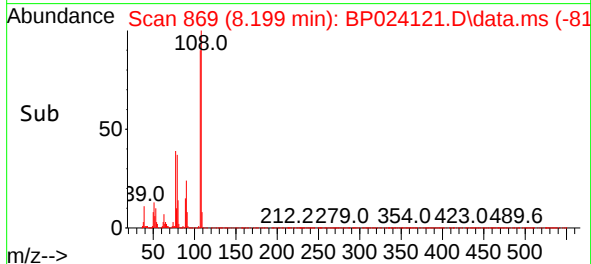
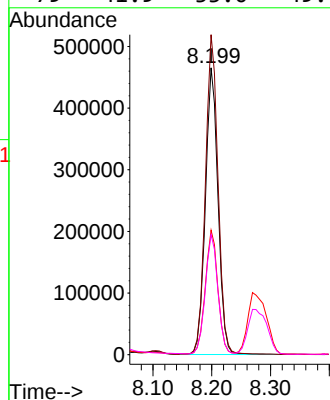
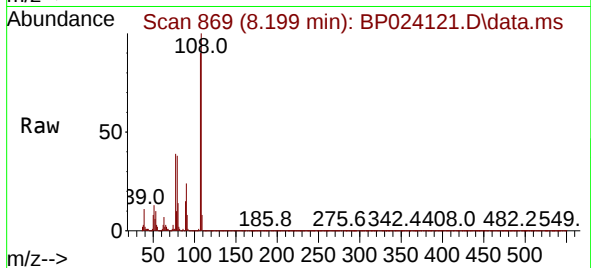




#17
2-Methylphenol
Concen: 32.241 ng
RT: 8.199 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

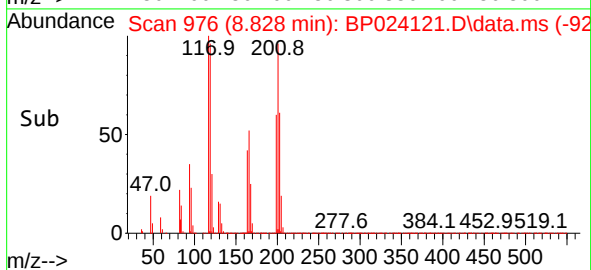
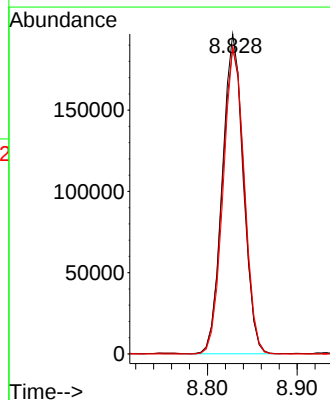
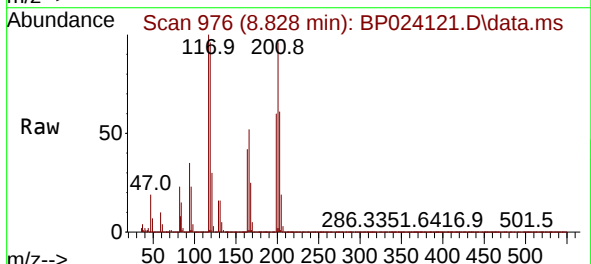
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

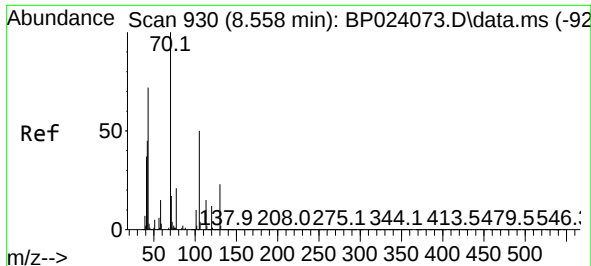
Tgt Ion:	107	Resp:	694362
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	43.4	33.8	50.6
79	41.9	33.0	49.4



#18
Hexachloroethane
Concen: 27.838 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:	117	Resp:	322379
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	95.9	79.4	119.2

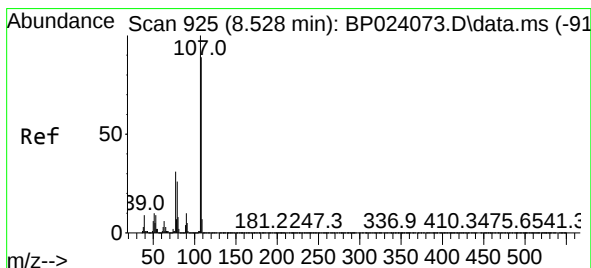
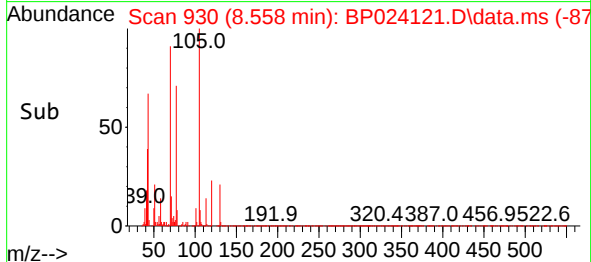
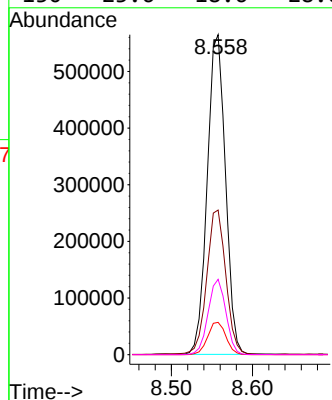
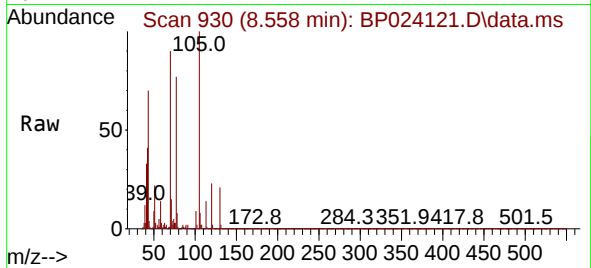




#19
n-Nitroso-di-n-propylamine
Concen: 46.530 ng
RT: 8.558 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

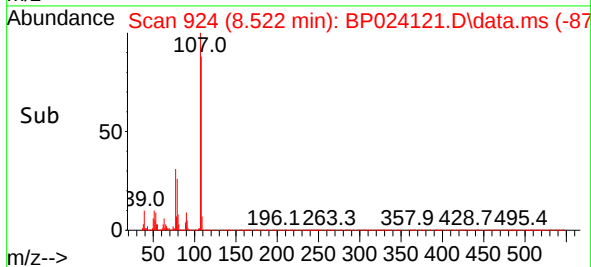
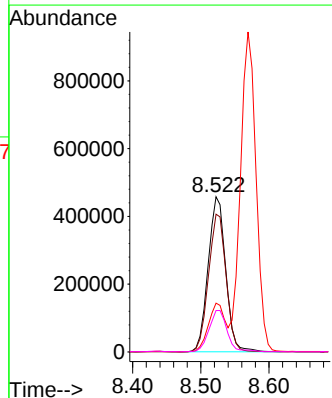
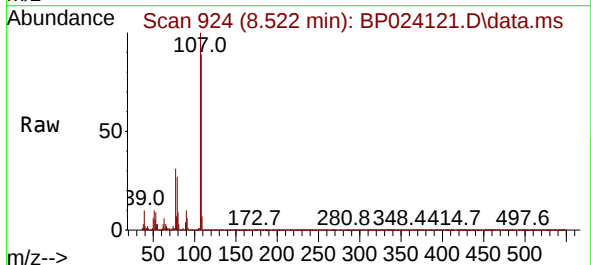
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

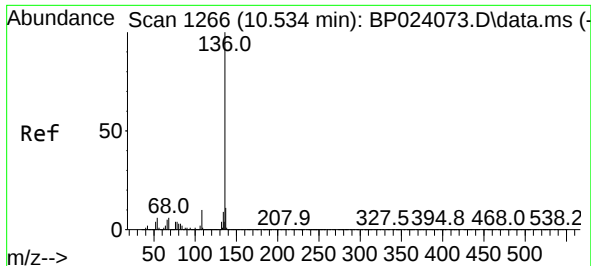
Tgt Ion: 70 Resp: 879275
Ion Ratio Lower Upper
70 100
42 45.2 36.6 54.8
101 10.1 8.2 12.2
130 23.6 18.6 28.0



#20
3+4-Methylphenols
Concen: 27.969 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 107 Resp: 819458
Ion Ratio Lower Upper
107 100
108 88.8 68.5 108.5
77 31.4 10.7 50.7
79 26.7 6.1 46.1

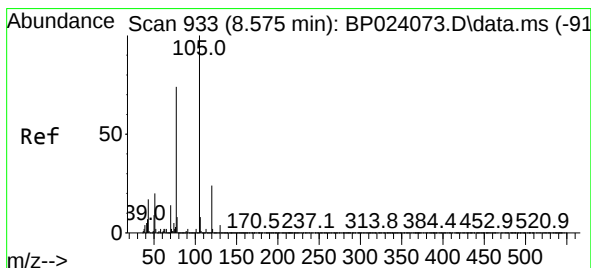
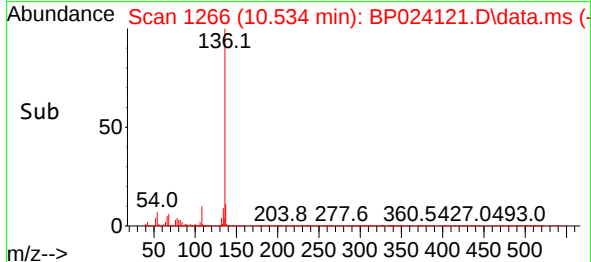
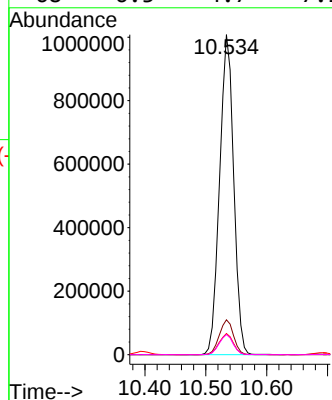
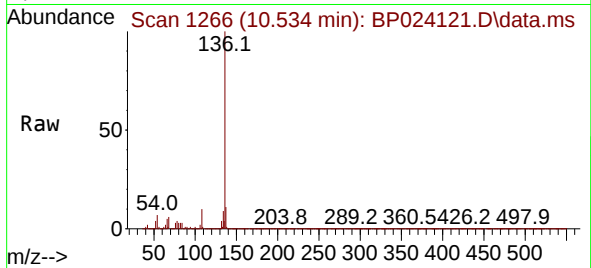




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

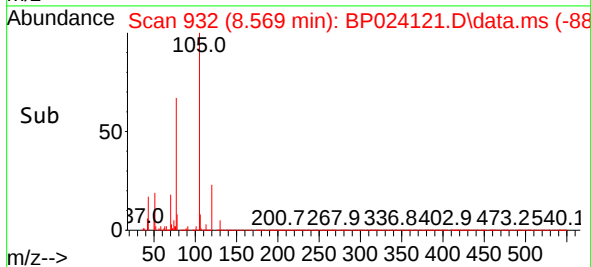
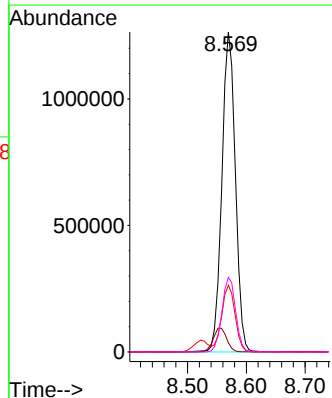
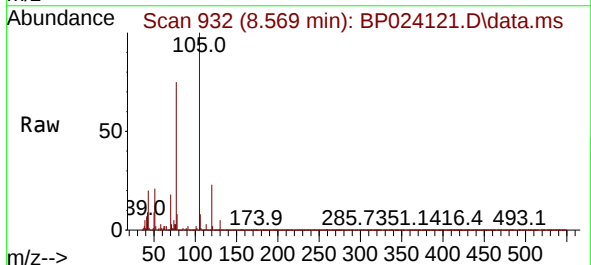
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

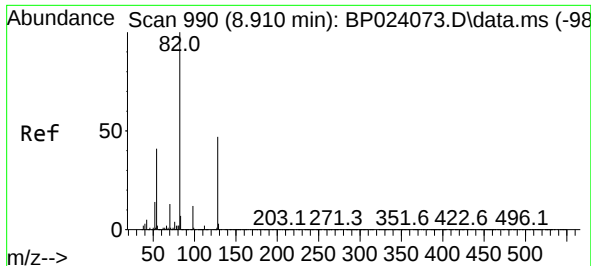
Tgt Ion:136 Resp: 1618071
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.6 4.9 7.3
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 48.501 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:105 Resp: 2016660
Ion Ratio Lower Upper
105 100
71 2.9 1.9 2.9#
51 20.8 16.3 24.5
120 23.3 19.0 28.4

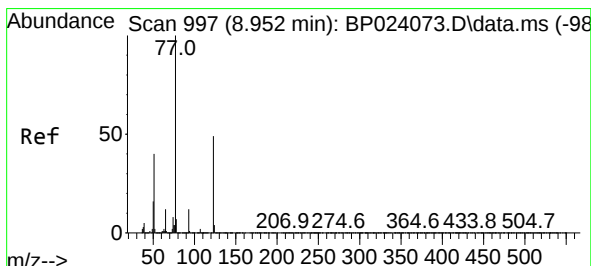
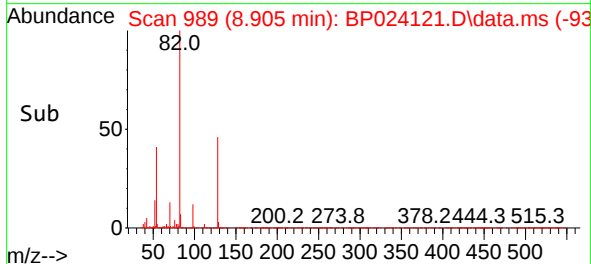
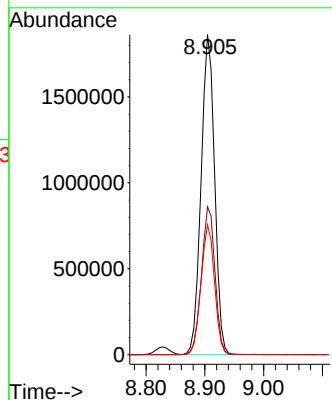
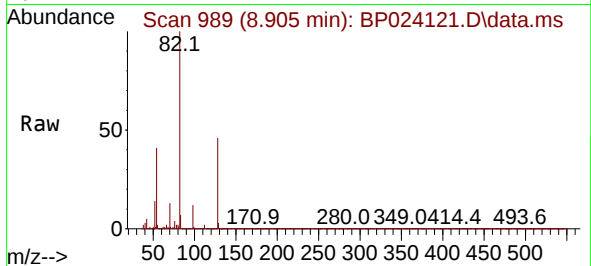




#23
Nitrobenzene-d5
Concen: 102.839 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

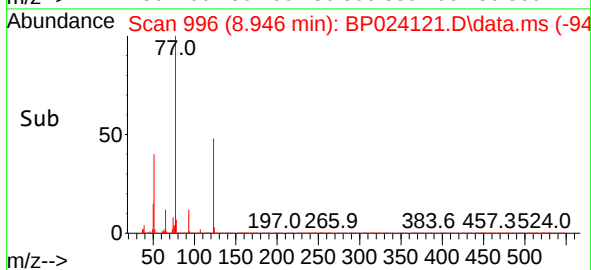
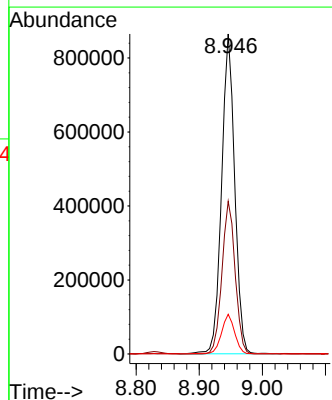
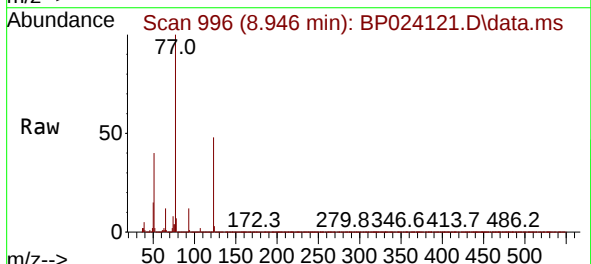
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

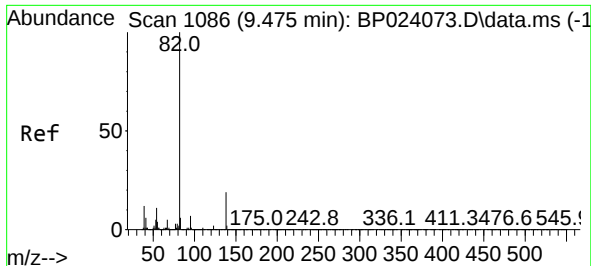
Tgt Ion: 82 Resp: 2982699
Ion Ratio Lower Upper
82 100
128 46.2 37.4 56.2
54 40.6 32.4 48.6



#24
Nitrobenzene
Concen: 43.533 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion: 77 Resp: 1242598
Ion Ratio Lower Upper
77 100
123 47.7 39.4 59.2
65 12.4 9.9 14.9

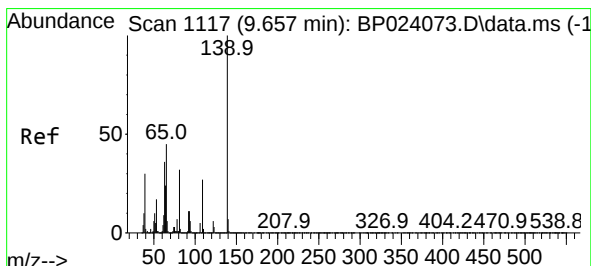
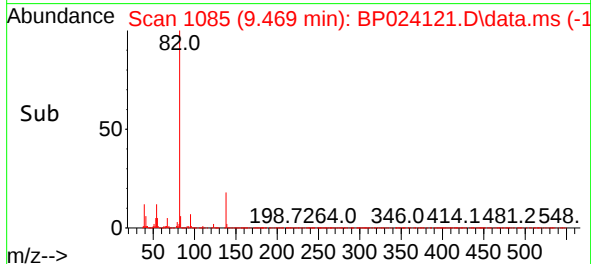
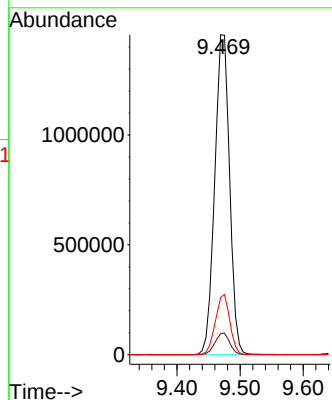
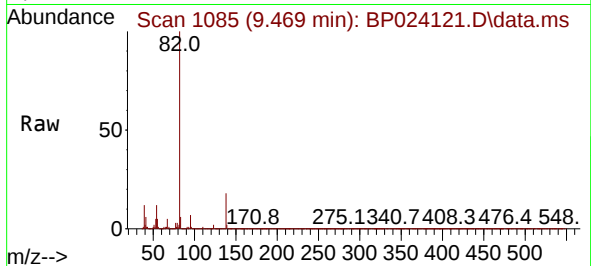




#25
Isophorone
Concen: 50.176 ng
RT: 9.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

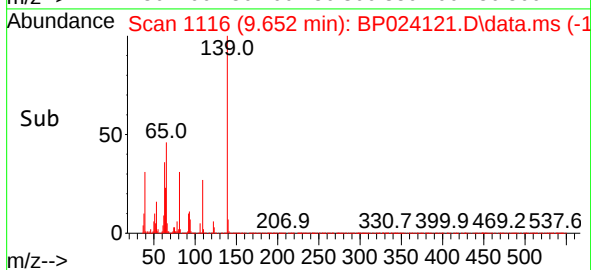
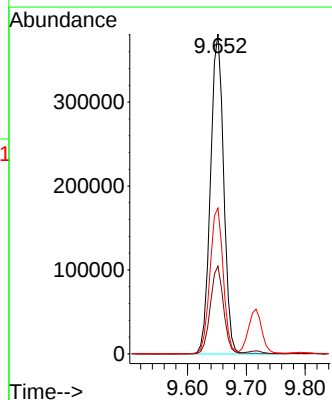
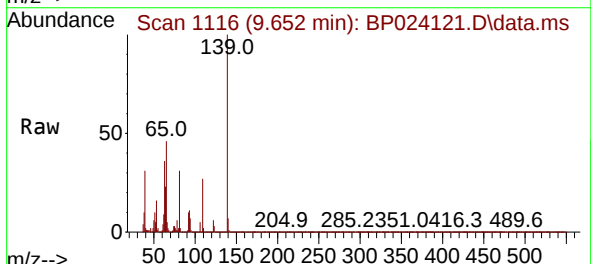
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

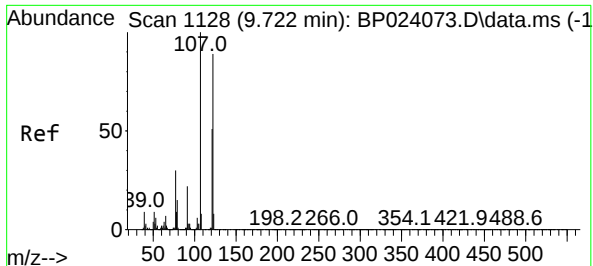
Tgt Ion: 82 Resp: 2379783
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.0 15.3 22.9



#26
2-Nitrophenol
Concen: 45.055 ng
RT: 9.652 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:139 Resp: 592497
Ion Ratio Lower Upper
139 100
109 27.4 21.7 32.5
65 45.6 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 53.817 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

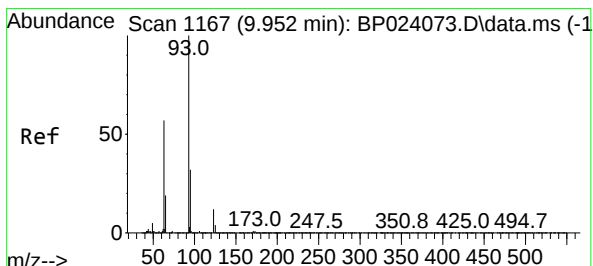
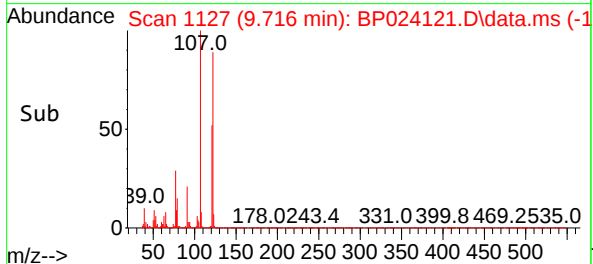
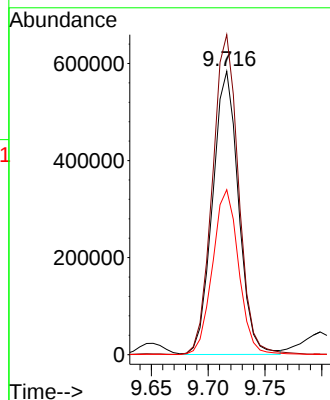
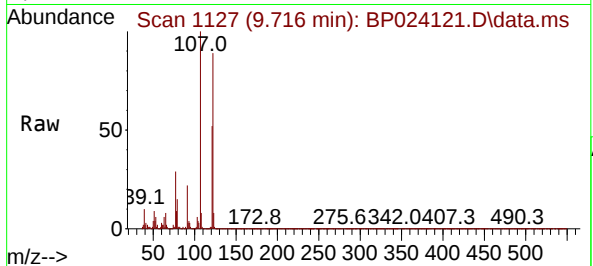
Tgt Ion:122 Resp: 929003

Ion Ratio Lower Upper

122 100

107 112.9 89.8 134.8

121 58.2 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.717 ng

RT: 9.946 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

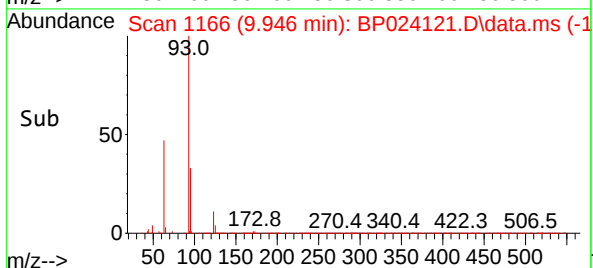
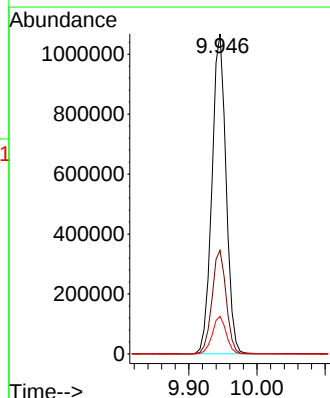
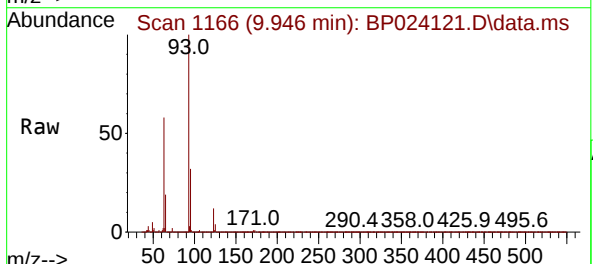
Tgt Ion: 93 Resp: 1536438

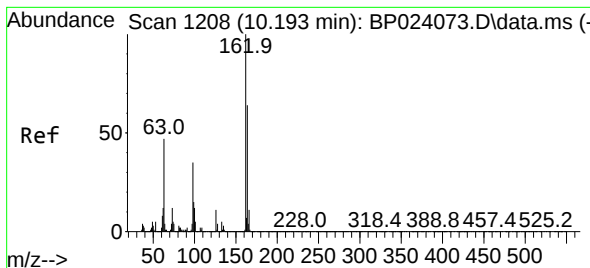
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.376 ng

RT: 10.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

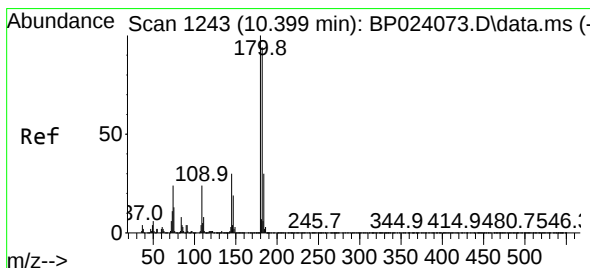
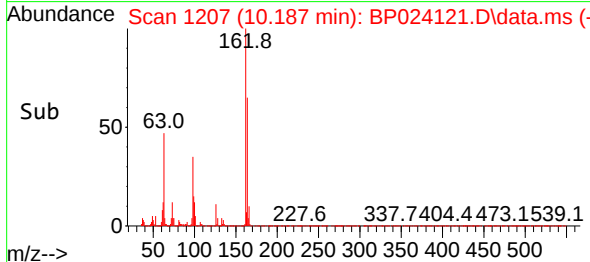
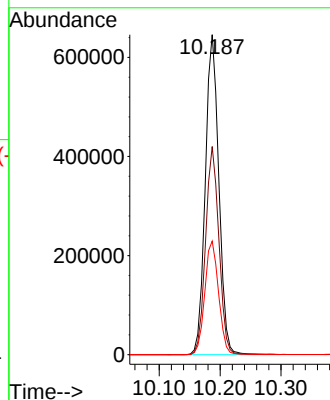
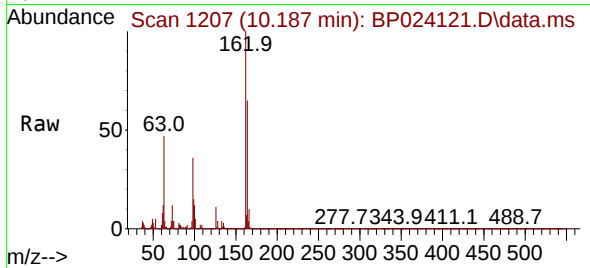
Tgt Ion:162 Resp: 998287

Ion Ratio Lower Upper

162 100

164 65.0 44.5 84.5

98 35.5 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 33.669 ng

RT: 10.399 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

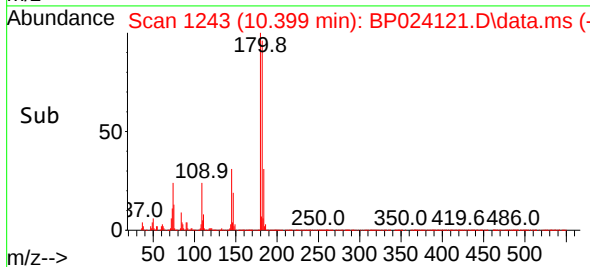
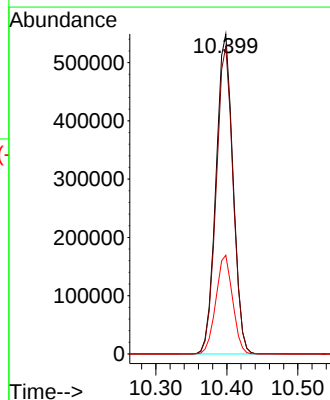
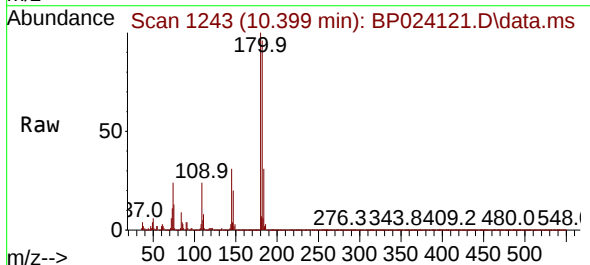
Tgt Ion:180 Resp: 908773

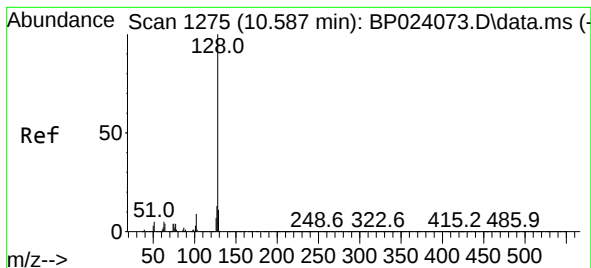
Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.2

145 30.9 24.0 36.0





#31

Naphthalene

Concen: 37.034 ng

RT: 10.581 min Scan# 111

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

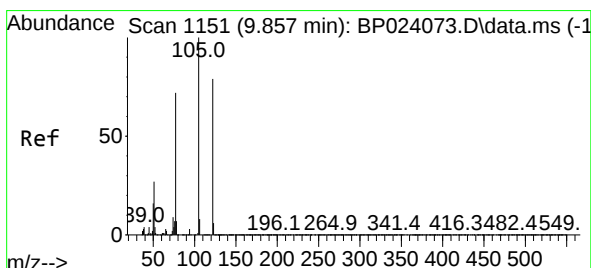
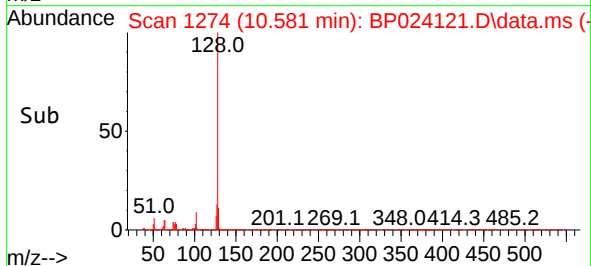
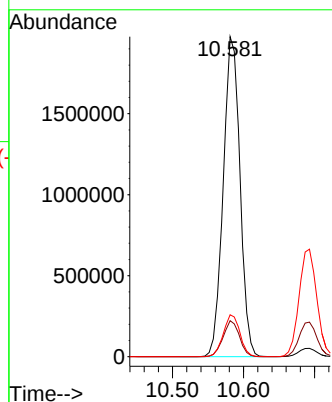
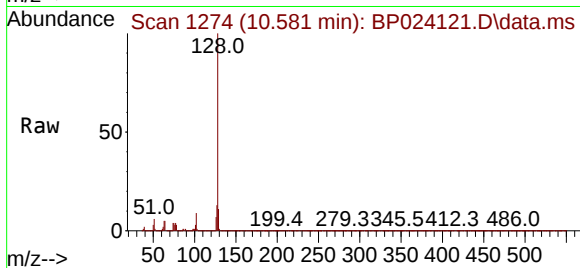
Tgt Ion:128 Resp: 3222110

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 12.027 ng

RT: 9.799 min Scan# 1141

Delta R.T. -0.058 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

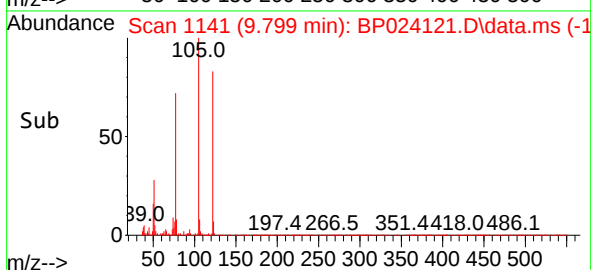
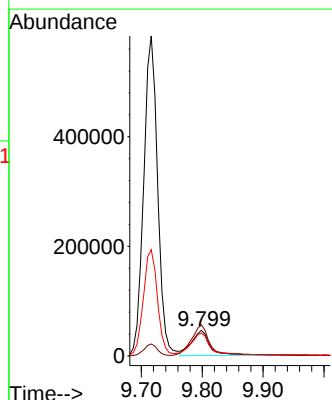
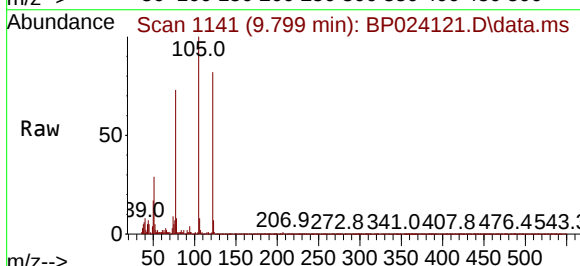
Tgt Ion:122 Resp: 97401

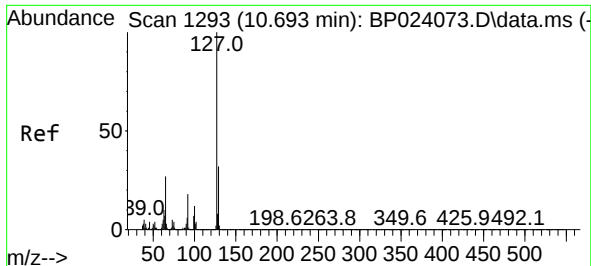
Ion Ratio Lower Upper

122 100

105 121.5 103.7 143.7

77 88.7 69.9 109.9



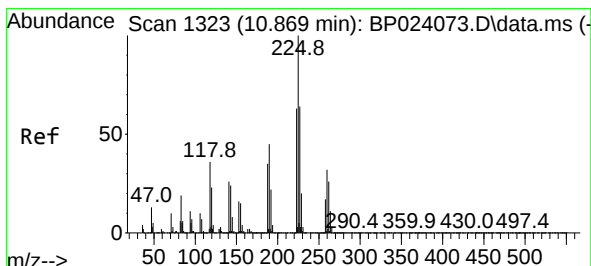
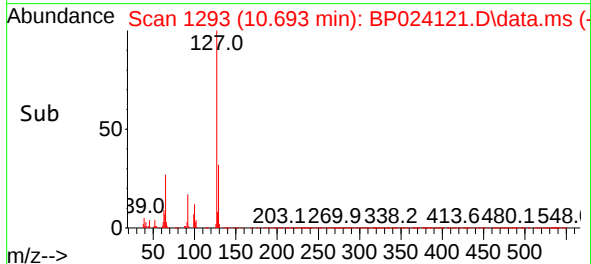
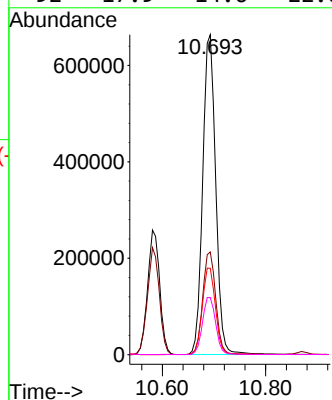
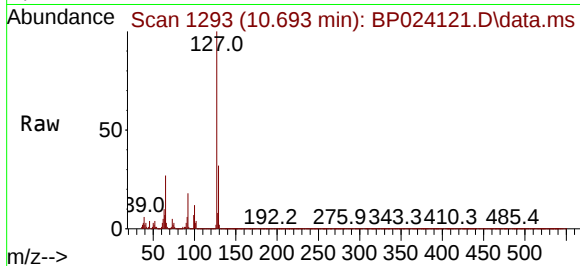


#33
4-Chloroaniline
Concen: 37.800 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion:127 Resp: 1158590

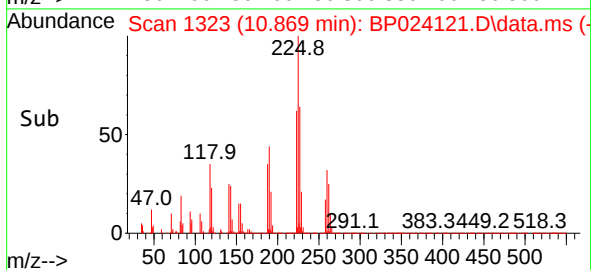
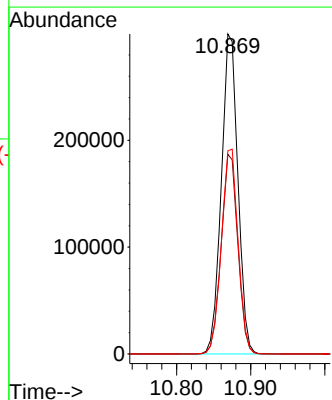
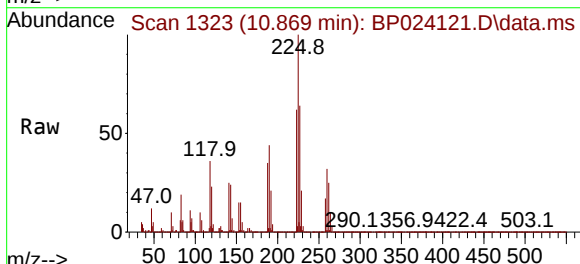
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	27.0	21.3	31.9
92	17.9	14.6	22.0

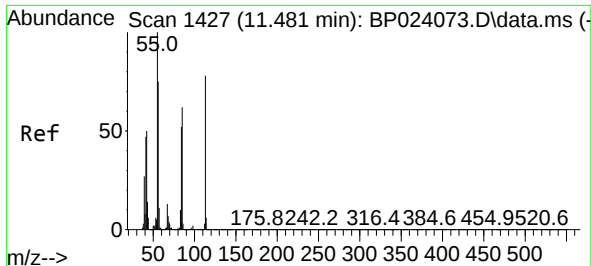


#34
Hexachlorobutadiene
Concen: 29.684 ng
RT: 10.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:225 Resp: 464071

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.5	75.7
227	63.5	51.3	76.9

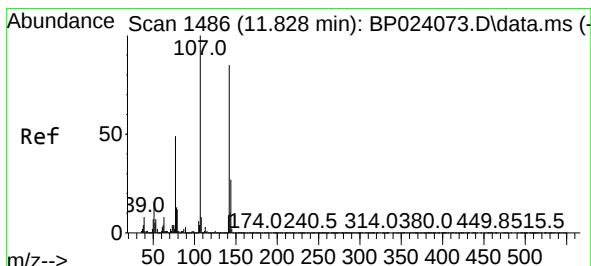
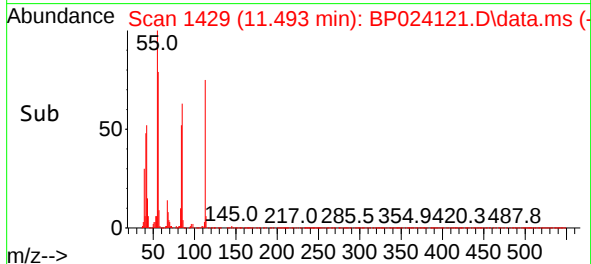
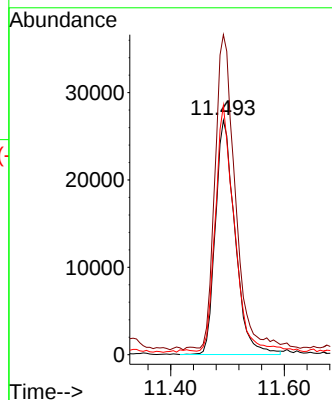
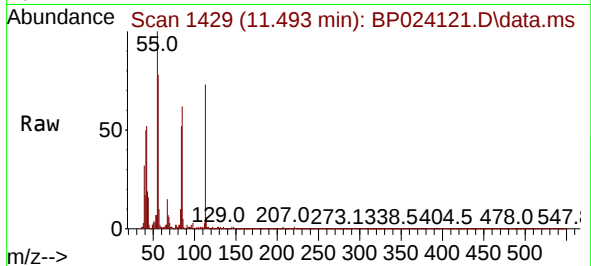




#35
 Caprolactam
 Concen: 12.733 ng
 RT: 11.493 min Scan# 1427
 Delta R.T. 0.012 min
 Lab File: BP024121.D
 Acq: 27 Feb 2025 15:08

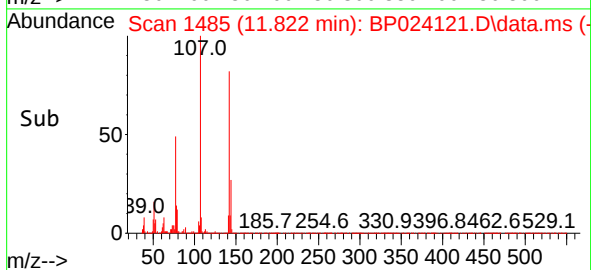
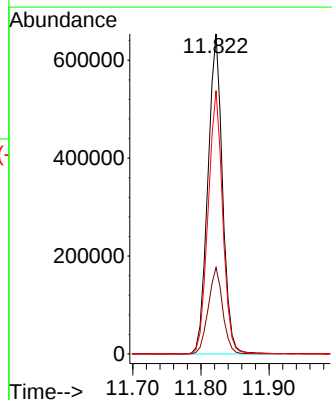
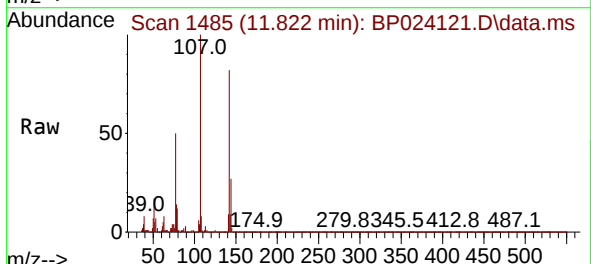
Instrument :
 BNA_P
 ClientSampleId :
 P001-CLAY-CF01-01MS

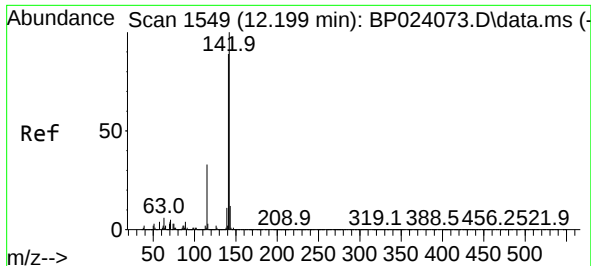
Tgt Ion:113 Resp: 64266
 Ion Ratio Lower Upper
 113 100
 55 136.5 108.8 148.8
 56 106.3 76.5 116.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.269 ng
 RT: 11.822 min Scan# 1485
 Delta R.T. -0.006 min
 Lab File: BP024121.D
 Acq: 27 Feb 2025 15:08

Tgt Ion:107 Resp: 975221
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.8 32.8
 142 82.3 67.8 101.8

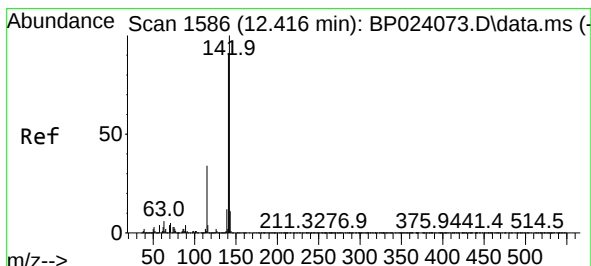
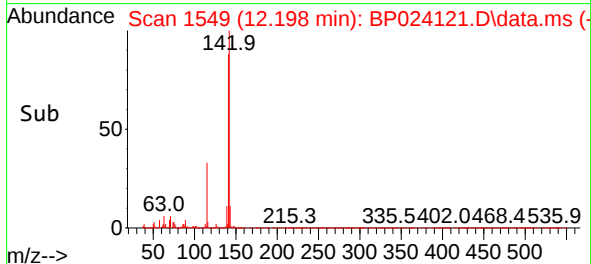
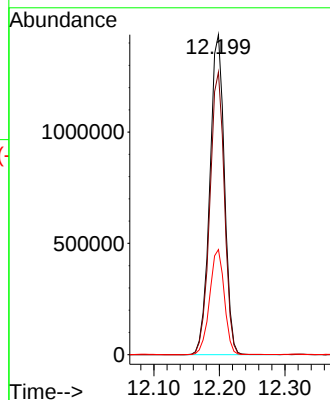
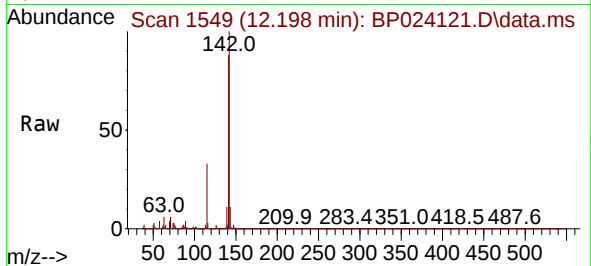




#37
2-Methylnaphthalene
Concen: 38.582 ng
RT: 12.198 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

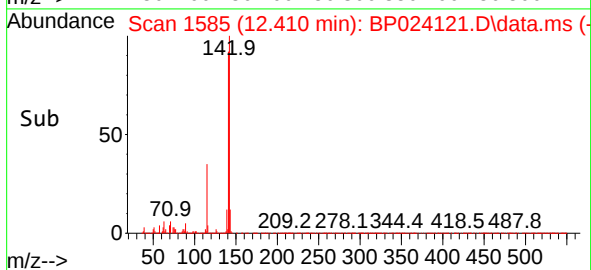
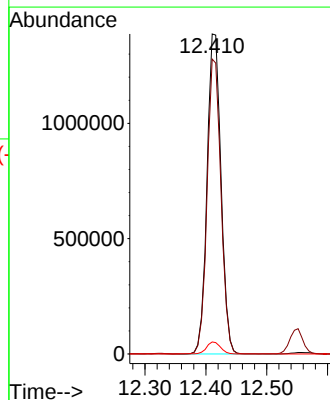
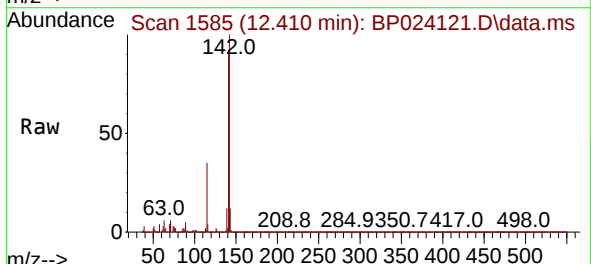
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

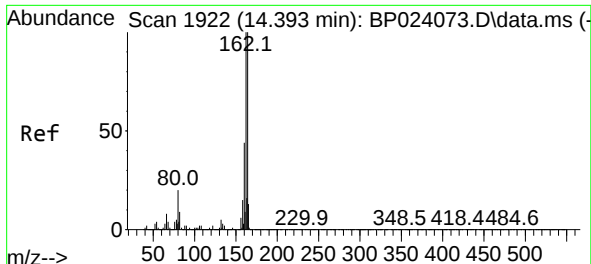
Tgt Ion:142 Resp: 2231076
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8
115 32.8 26.5 39.7



#38
1-Methylnaphthalene
Concen: 39.216 ng
RT: 12.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:142 Resp: 2206115
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.6
116 3.8 2.8 4.2

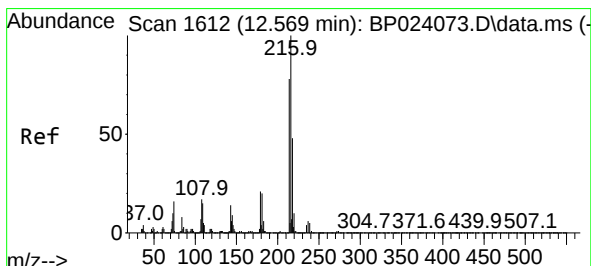
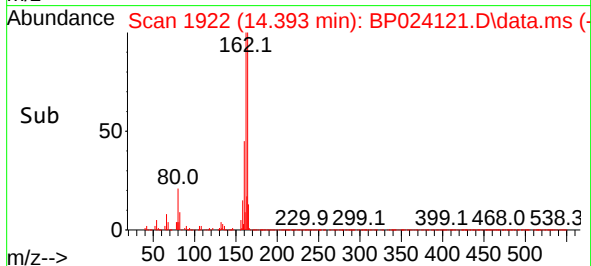
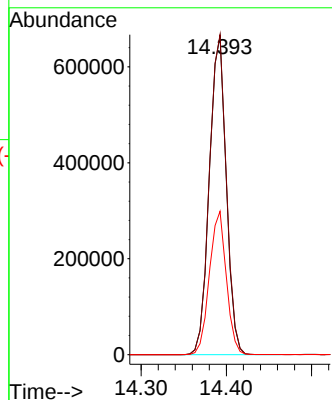
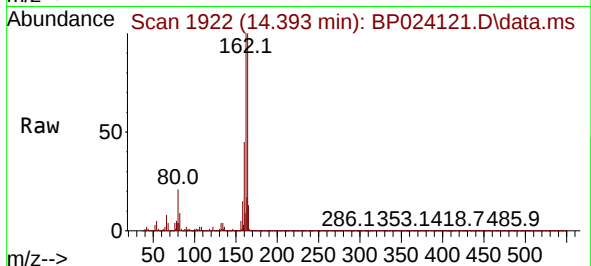




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

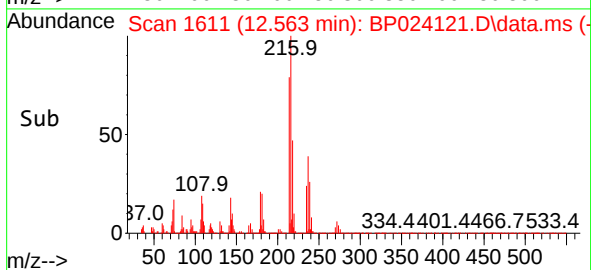
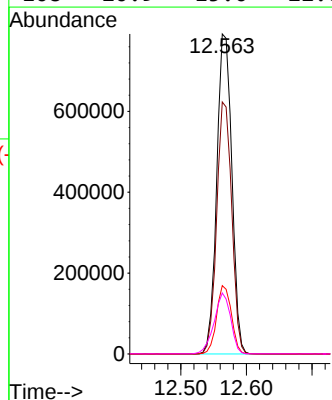
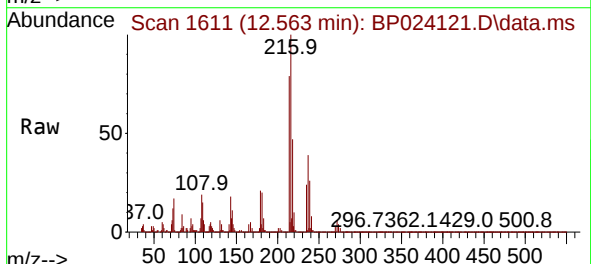
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

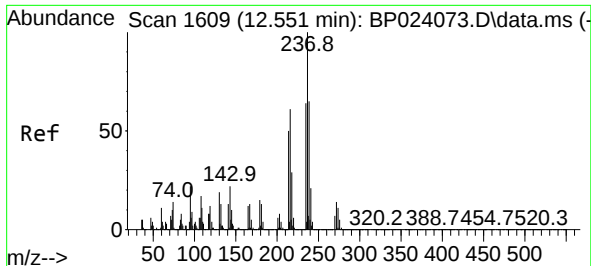
Tgt Ion:164 Resp: 912646
Ion Ratio Lower Upper
164 100
162 100.5 80.1 120.1
160 45.0 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.882 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:216 Resp: 1258547
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 21.0 16.6 25.0
108 20.9 15.0 22.6

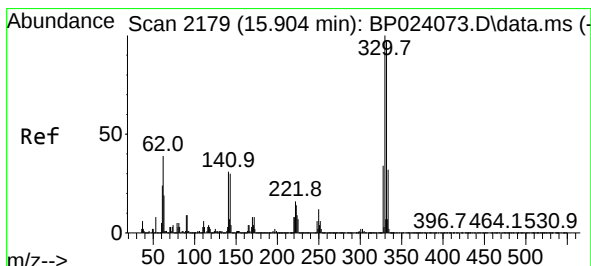
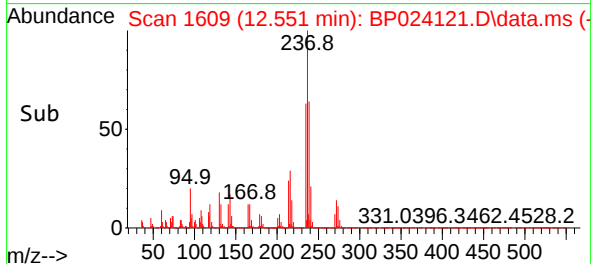
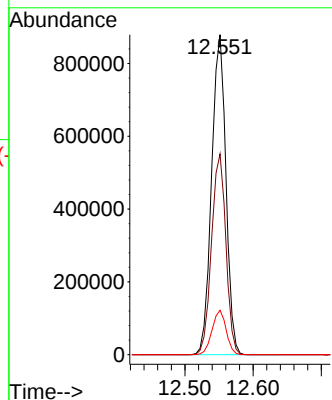
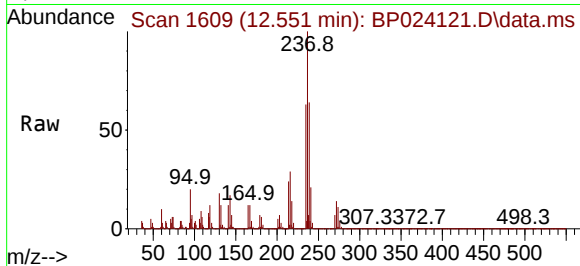




#41
Hexachlorocyclopentadiene
Concen: 122.982 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

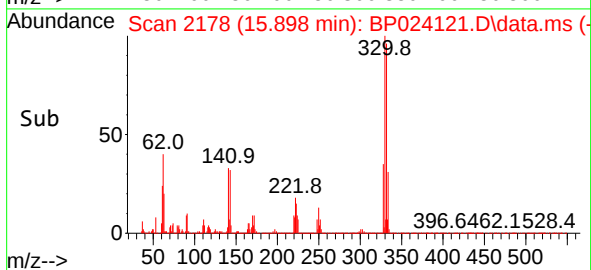
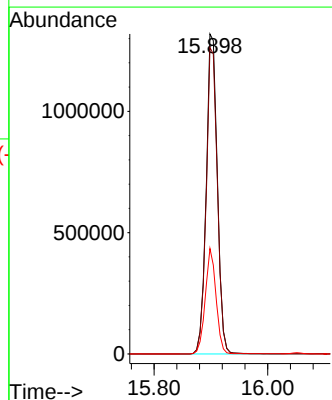
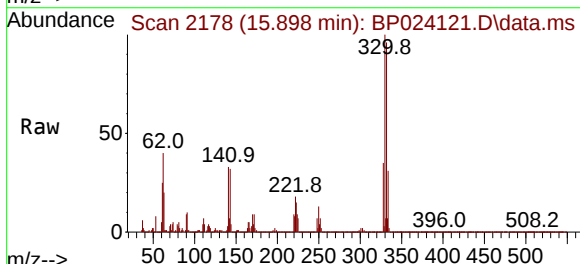
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

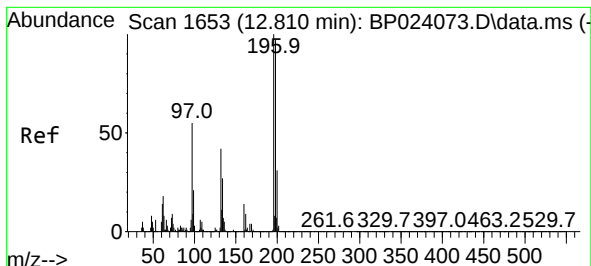
Tgt Ion:237 Resp: 1283263
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 159.926 ng
RT: 15.898 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:330 Resp: 1787793
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 31.9 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 47.268 ng

RT: 12.810 min Scan# 1653

Delta R.T. -0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

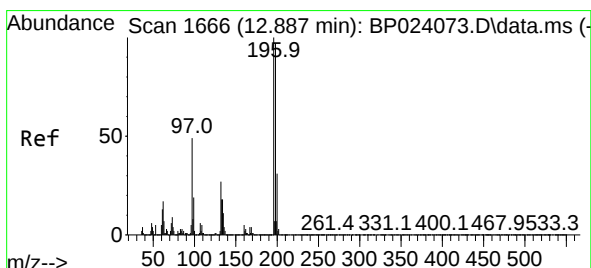
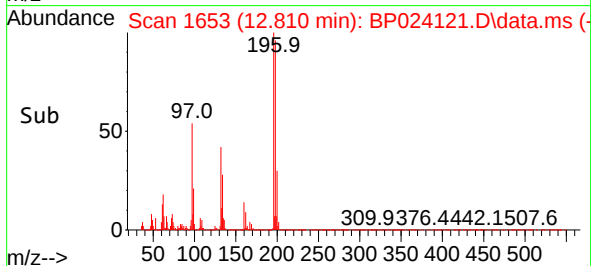
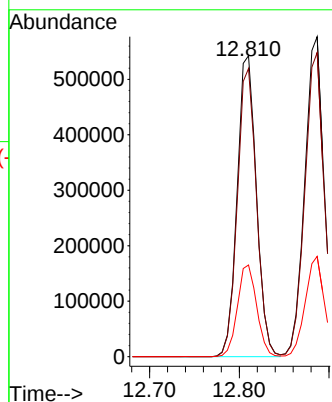
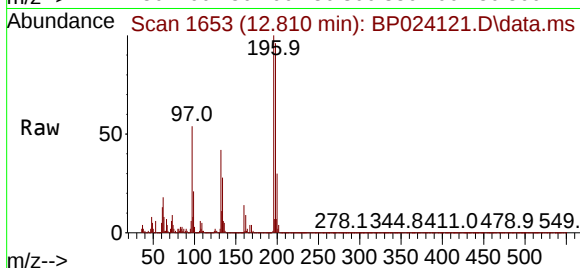
Tgt Ion:196 Resp: 808337

Ion Ratio Lower Upper

196 100

198 95.8 77.8 116.6

200 30.5 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 46.803 ng

RT: 12.887 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Tgt Ion:196 Resp: 875339

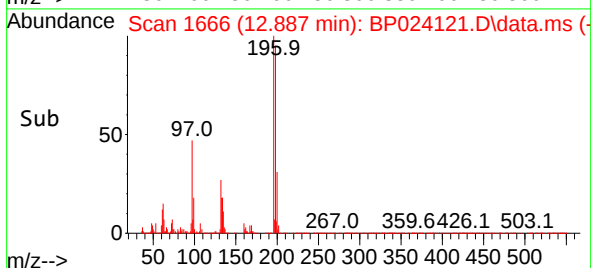
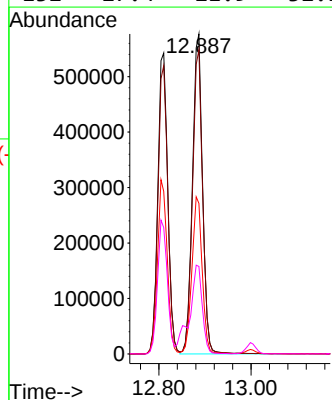
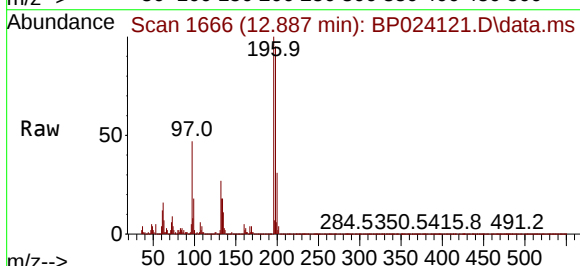
Ion Ratio Lower Upper

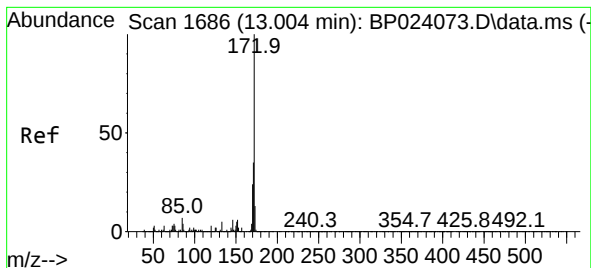
196 100

198 95.1 77.4 116.2

97 47.1 39.0 58.4

132 27.4 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 95.646 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

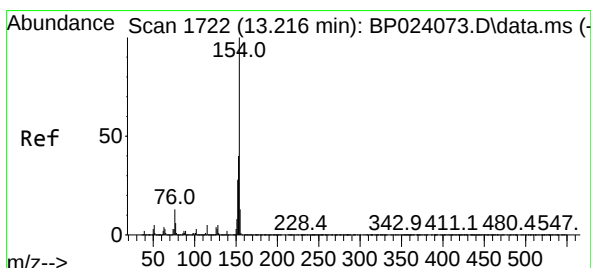
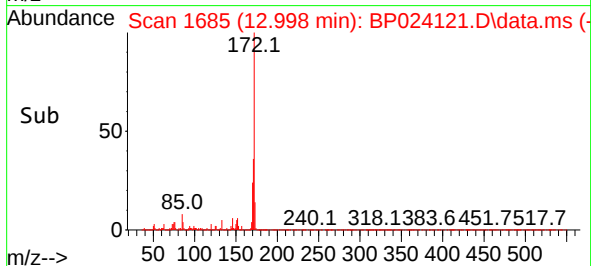
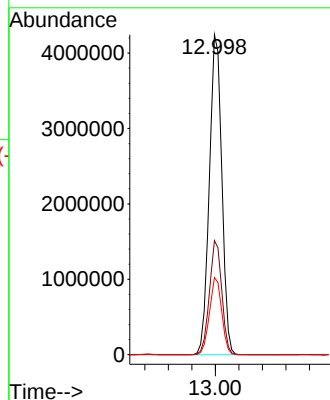
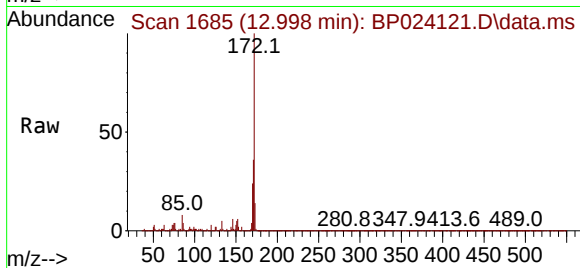
Tgt Ion:172 Resp: 6244016

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.503 ng

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

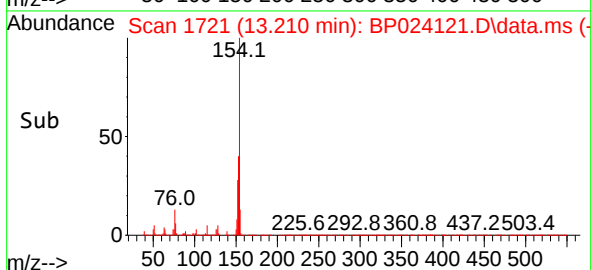
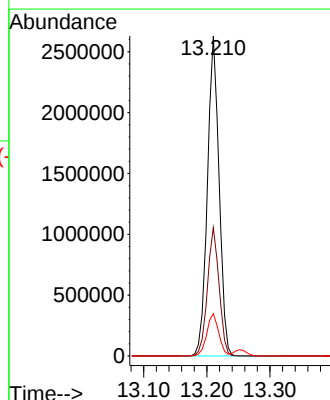
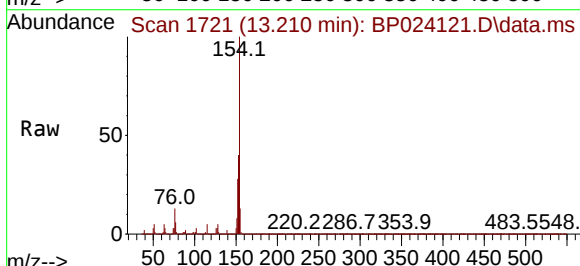
Tgt Ion:154 Resp: 3368853

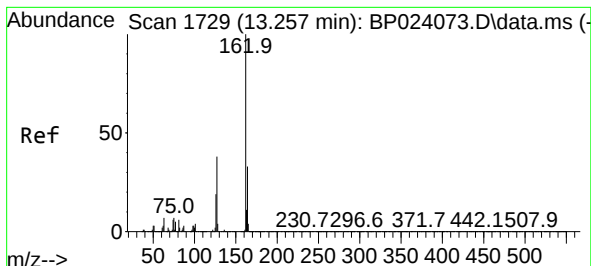
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 13.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 42.467 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

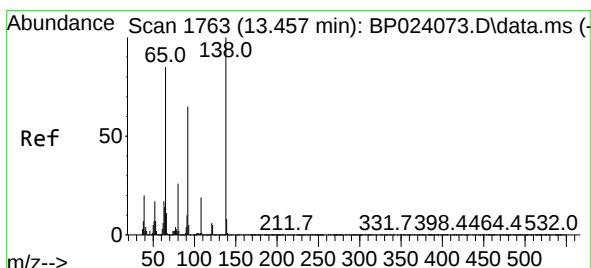
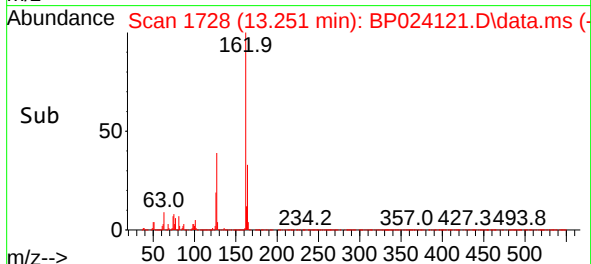
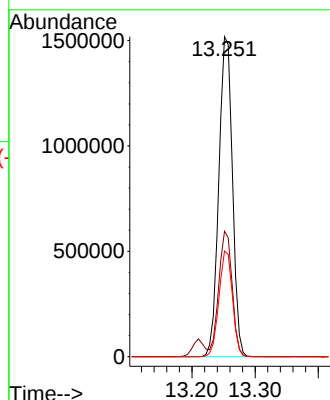
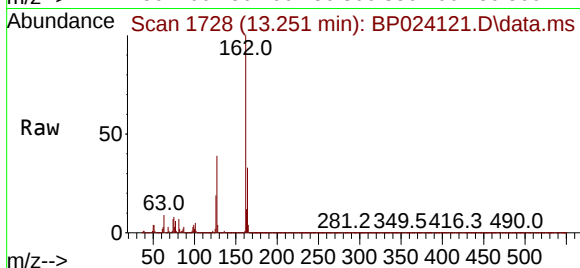
Tgt Ion:162 Resp: 2276662

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 50.774 ng

RT: 13.457 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

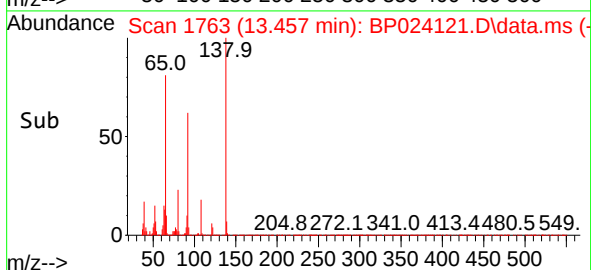
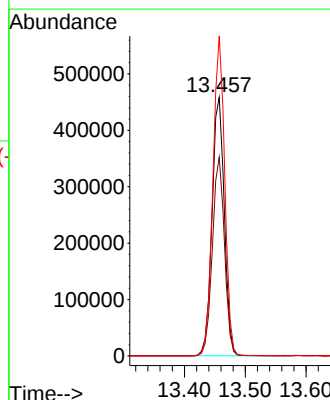
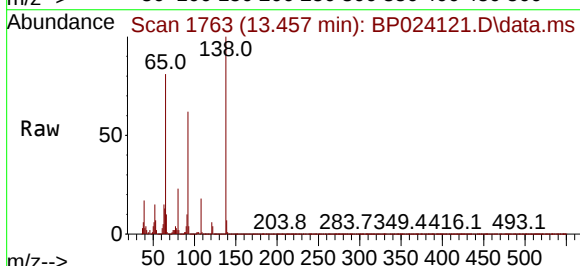
Tgt Ion: 65 Resp: 642995

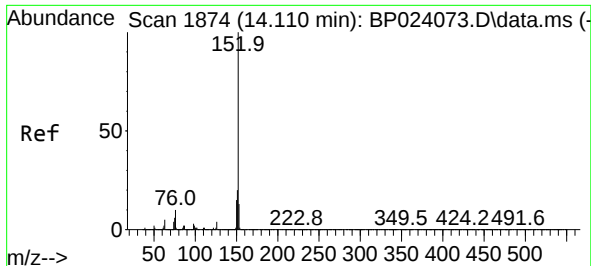
Ion Ratio Lower Upper

65 100

92 76.9 61.7 92.5

138 123.8 94.6 142.0

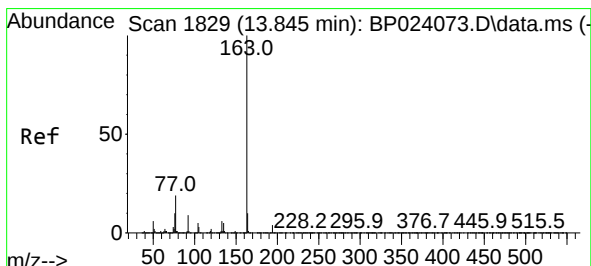
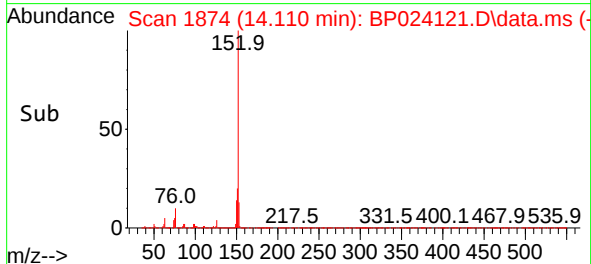
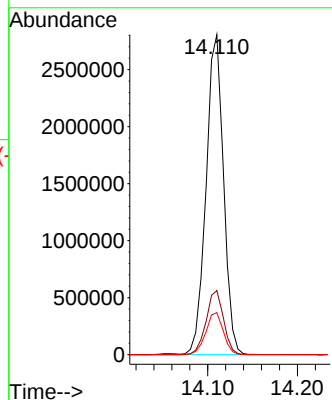
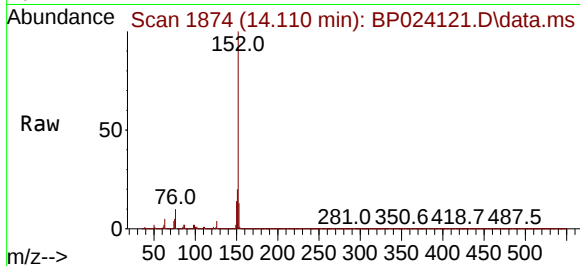




#49
Acenaphthylene
Concen: 47.938 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

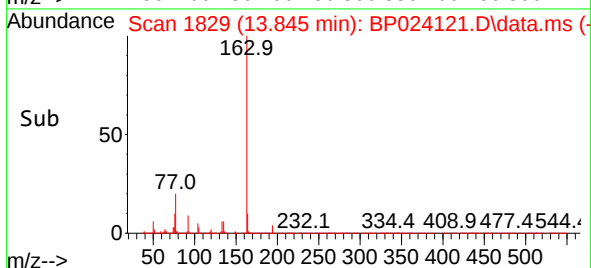
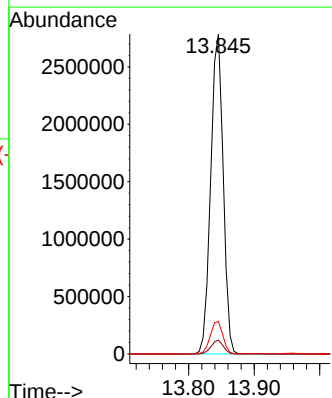
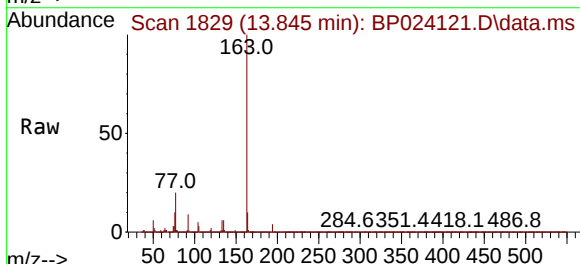
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

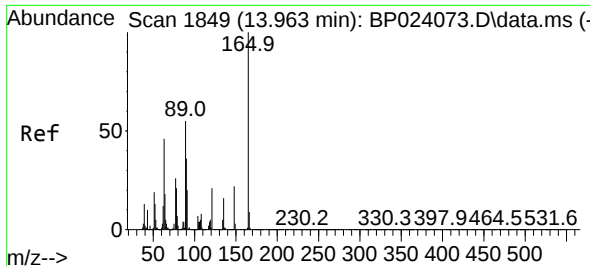
Tgt Ion:152 Resp: 3786403
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 57.263 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:163 Resp: 3686389
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.1 12.1

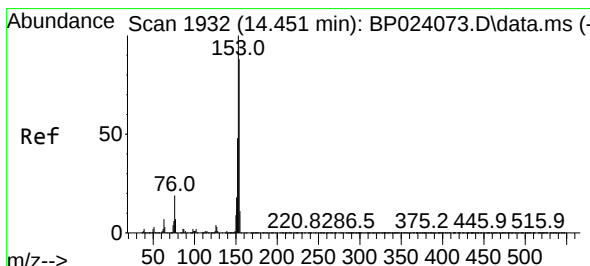
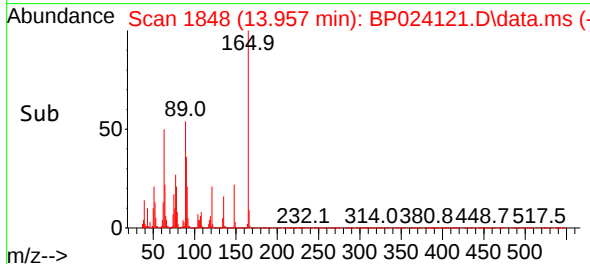
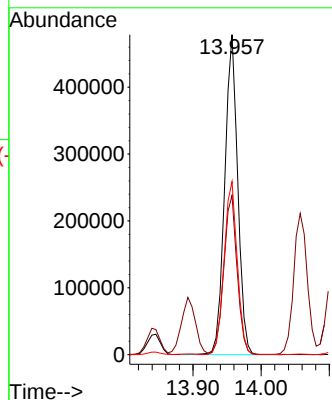
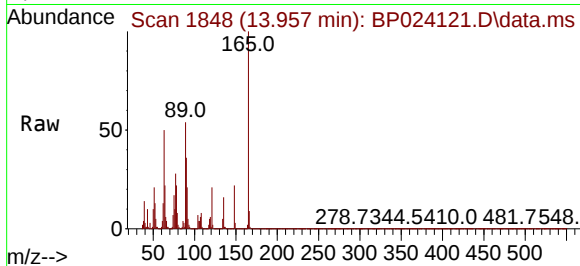




#51
2,6-Dinitrotoluene
Concen: 48.448 ng
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

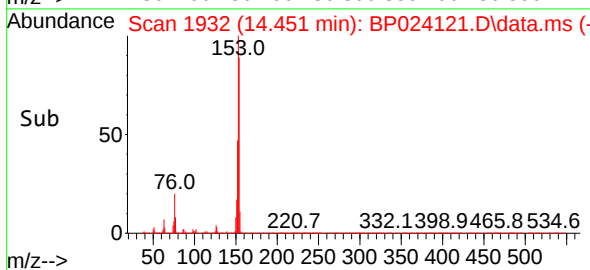
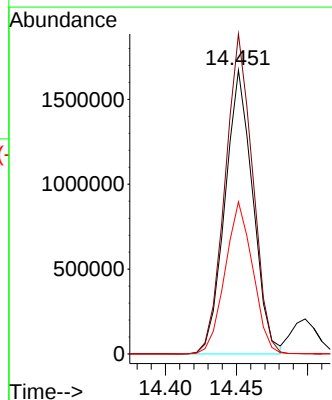
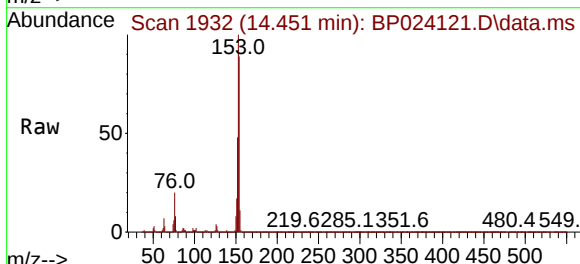
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

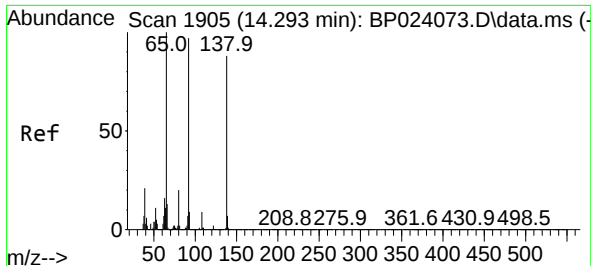
Tgt Ion:165 Resp: 635338
Ion Ratio Lower Upper
165 100
63 49.8 40.1 60.1
89 54.1 44.2 66.4



#52
Acenaphthene
Concen: 44.722 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:154 Resp: 2274749
Ion Ratio Lower Upper
154 100
153 112.8 90.6 135.8
152 53.6 43.6 65.4

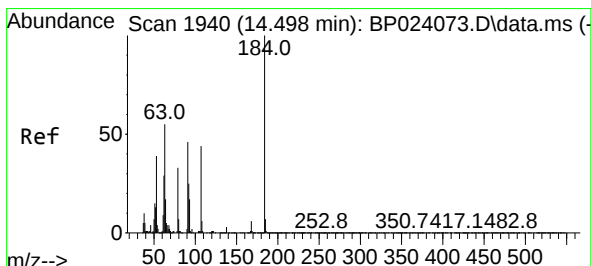
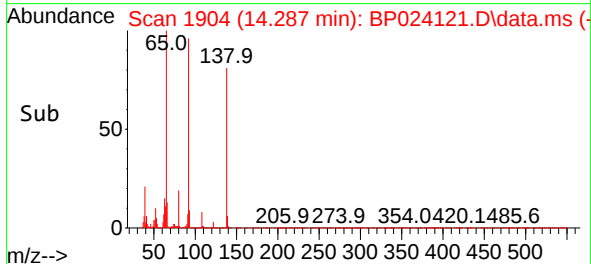
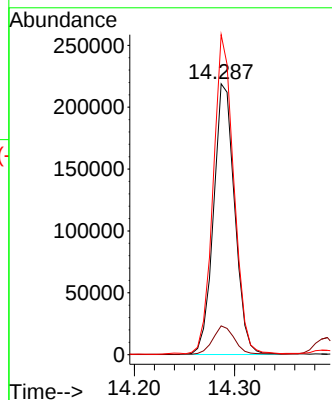
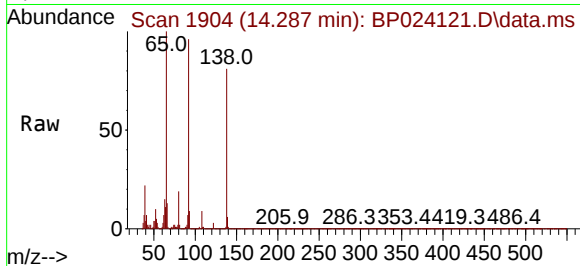




#53
3-Nitroaniline
Concen: 22.871 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

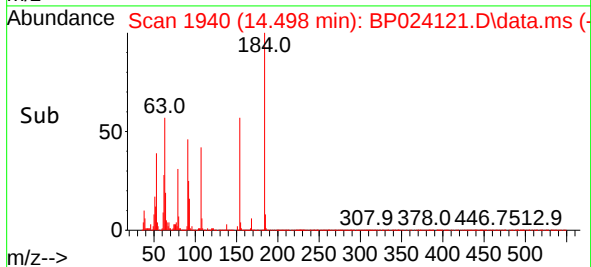
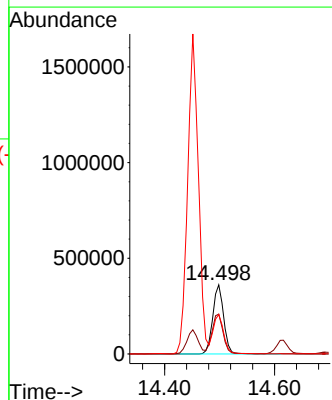
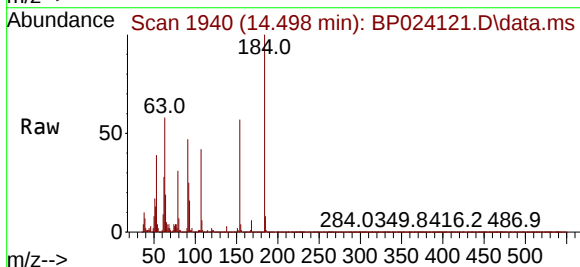
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

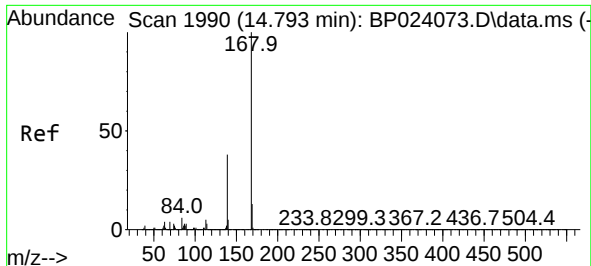
Tgt Ion:138 Resp: 320040
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.8
92 118.2 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 59.617 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:184 Resp: 496449
Ion Ratio Lower Upper
184 100
63 57.6 49.4 74.0
154 57.2 49.2 73.8

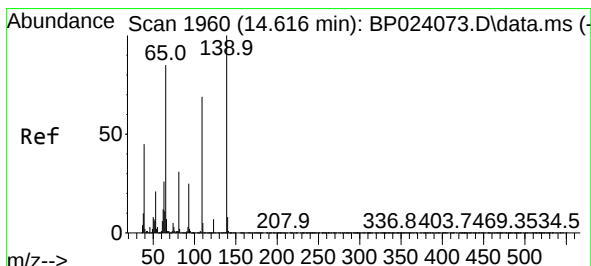
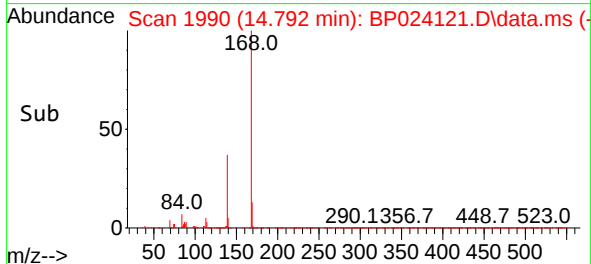
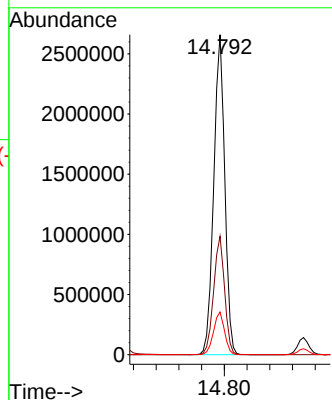
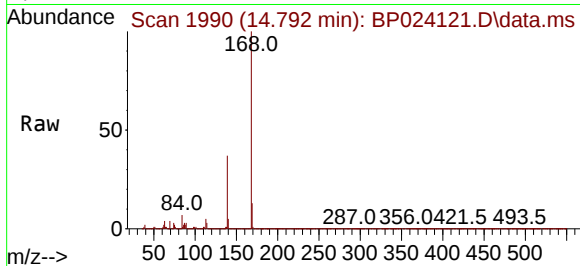




#55
Dibenzofuran
Concen: 43.043 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

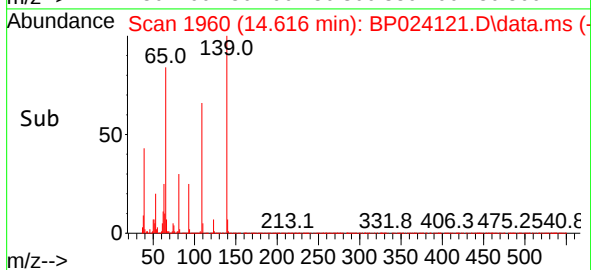
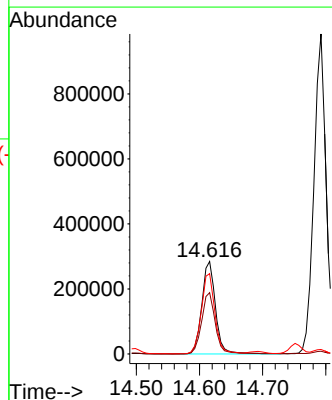
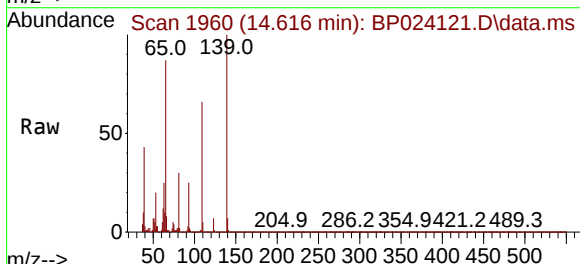
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

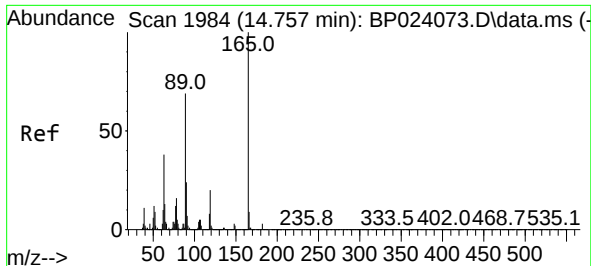
Tgt Ion:168 Resp: 3556573
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 35.275 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:139 Resp: 426395
Ion Ratio Lower Upper
139 100
109 66.2 49.2 89.2
65 86.8 65.4 105.4

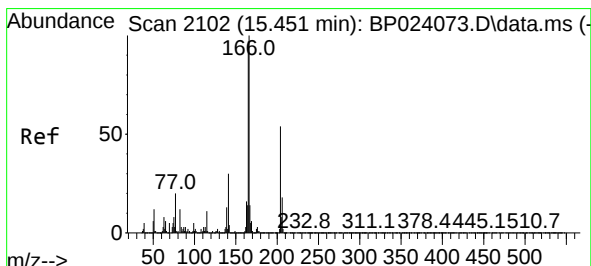
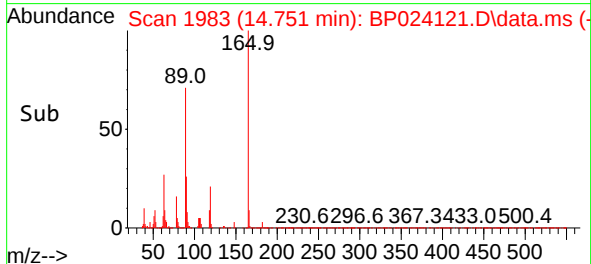
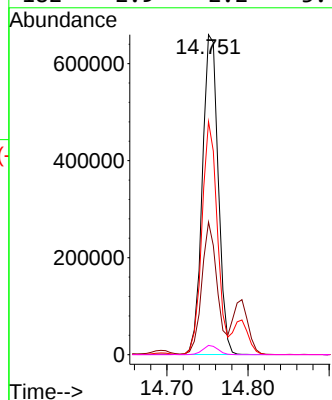
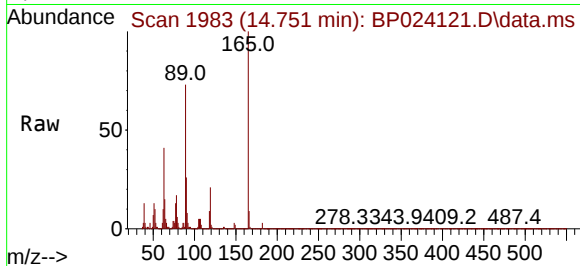




#57
2,4-Dinitrotoluene
Concen: 52.413 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

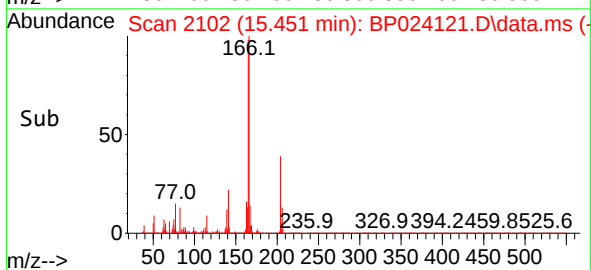
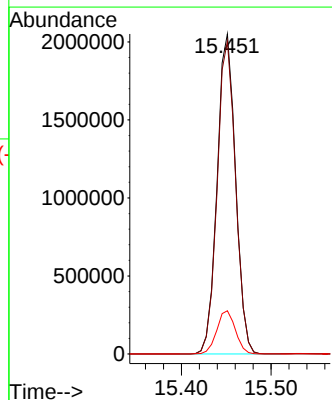
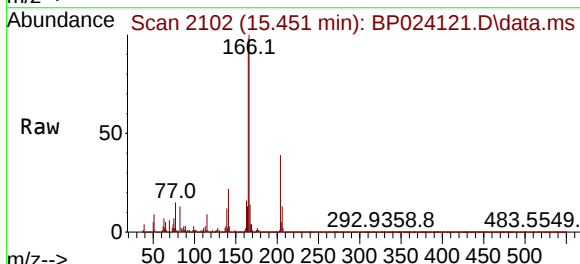
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

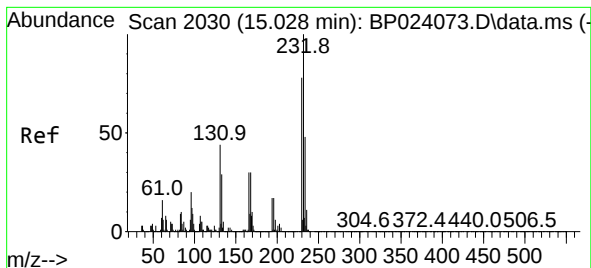
Tgt Ion:165 Resp: 892873
Ion Ratio Lower Upper
165 100
63 41.5 30.4 45.6
89 72.9 54.8 82.2
182 2.9 2.2 3.4



#58
Fluorene
Concen: 45.322 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:166 Resp: 2924644
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.5 10.9 16.3



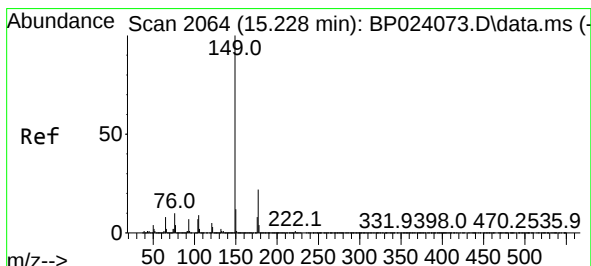
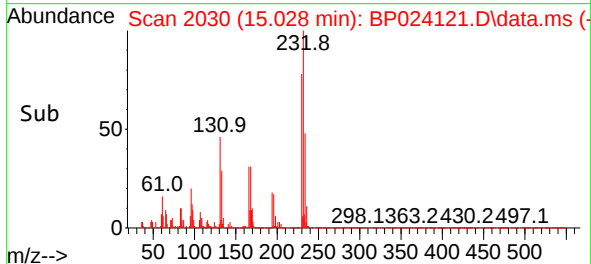
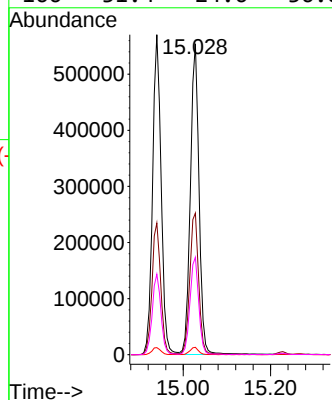
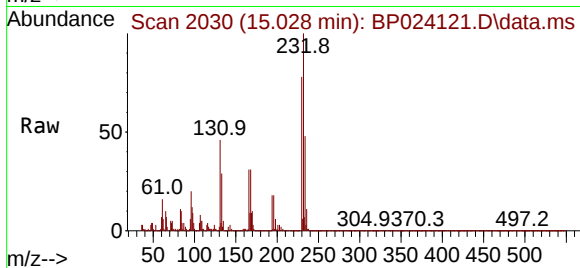


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.909 ng
RT: 15.028 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

Tgt Ion:232 Resp: 761176

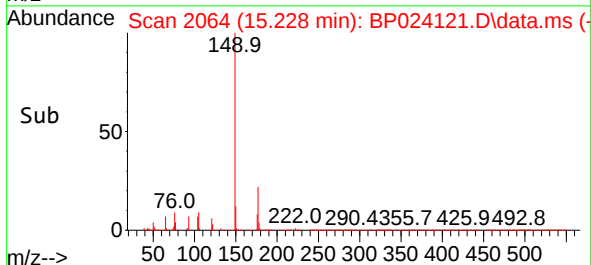
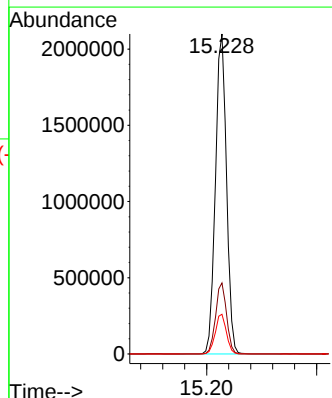
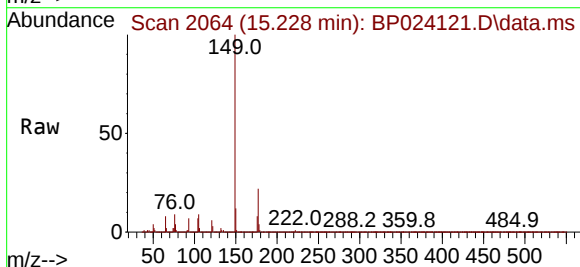
Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.3	55.9
130	2.3	1.9	2.9
166	31.4	24.6	36.8

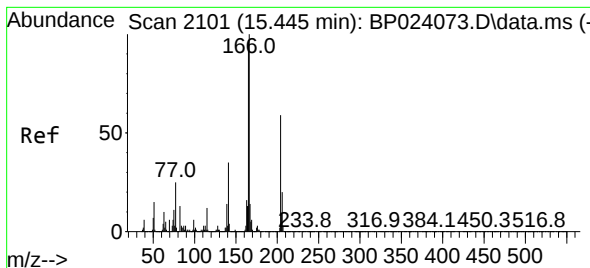


#60
Diethylphthalate
Concen: 45.932 ng
RT: 15.228 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:149 Resp: 2935352

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.4	9.8	14.6

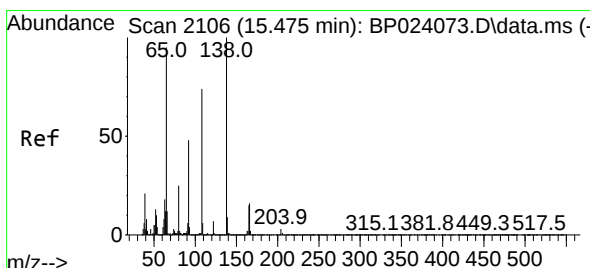
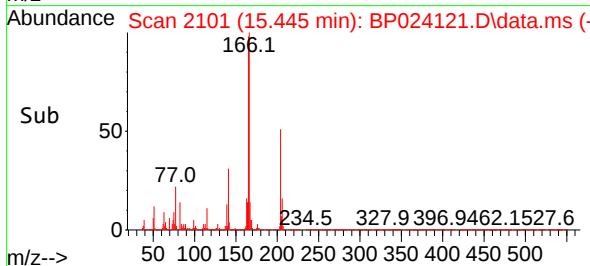
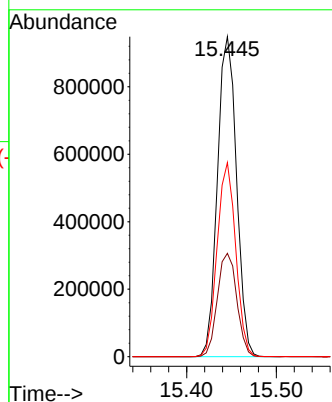
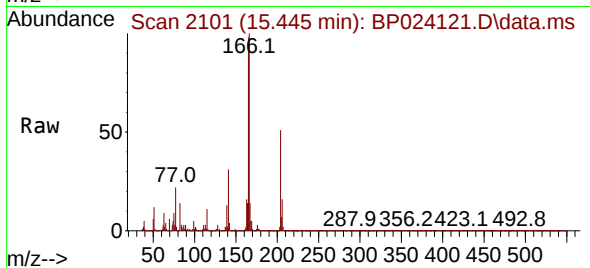




#61
4-Chlorophenyl-phenylether
Concen: 44.066 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

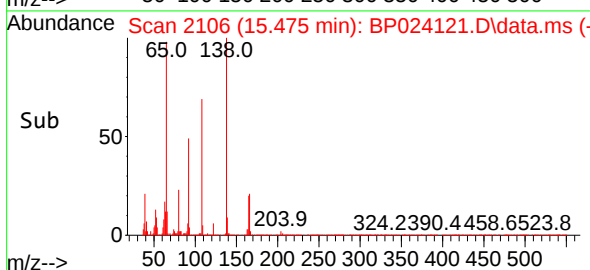
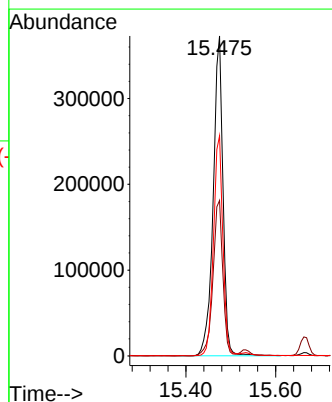
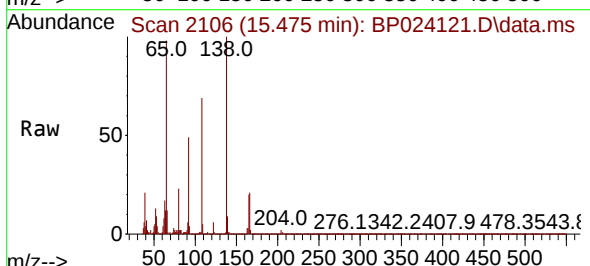
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

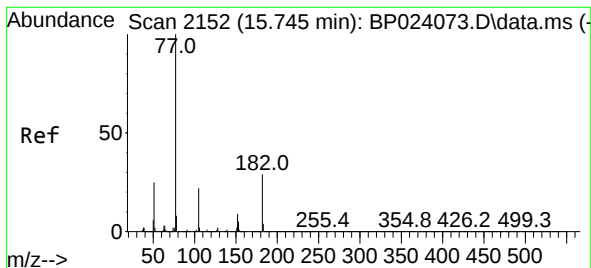
Tgt Ion:204 Resp: 1399679
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 60.7 47.8 71.6



#62
4-Nitroaniline
Concen: 35.085 ng
RT: 15.475 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:138 Resp: 565516
Ion Ratio Lower Upper
138 100
92 48.6 28.3 68.3
108 68.8 54.0 94.0





#63

Azobenzene

Concen: 47.536 ng

RT: 15.745 min Scan# 2152

Delta R.T. -0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

Tgt Ion: 77 Resp: 2846663

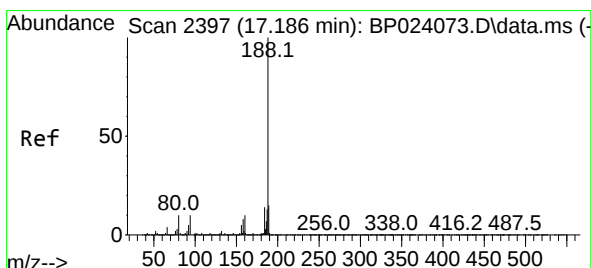
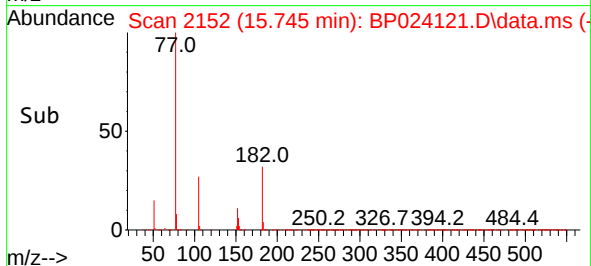
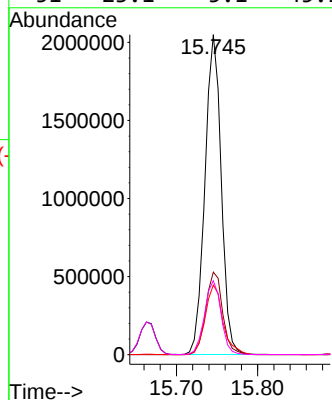
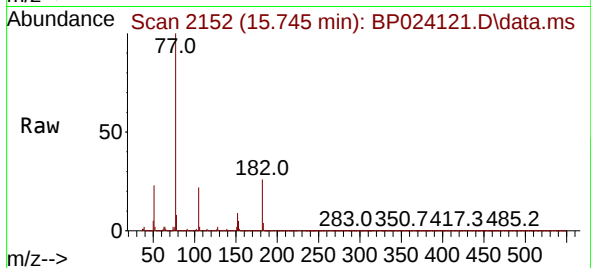
Ion Ratio Lower Upper

77 100

182 25.8 8.5 48.5

105 21.8 1.8 41.8

51 23.1 5.1 45.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

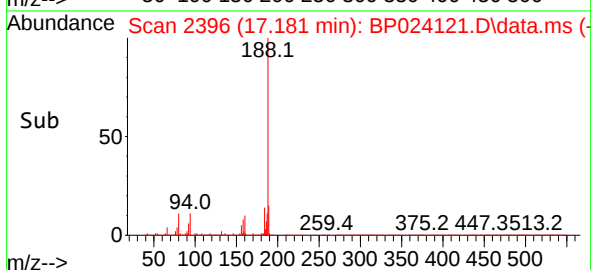
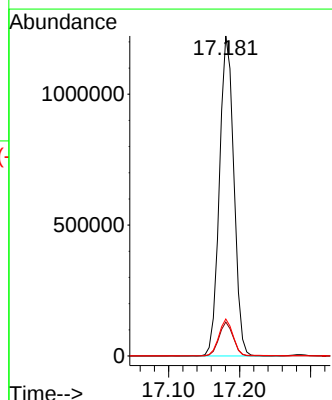
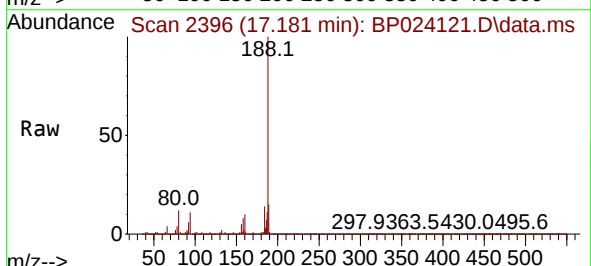
Tgt Ion:188 Resp: 1719496

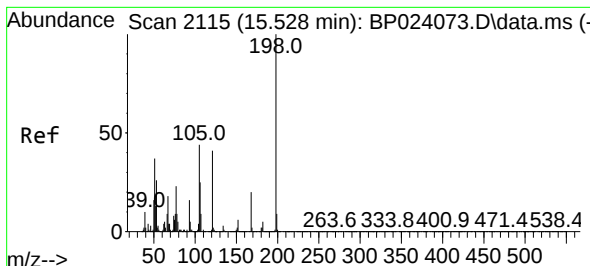
Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 11.5 8.2 12.2

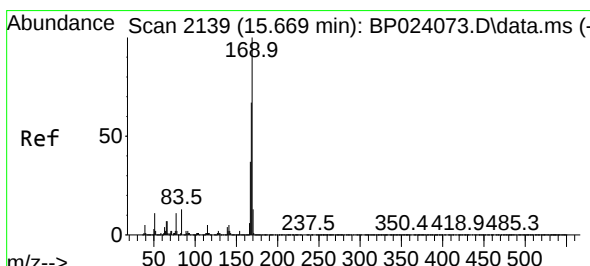
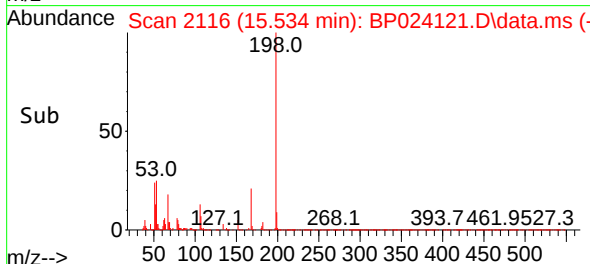
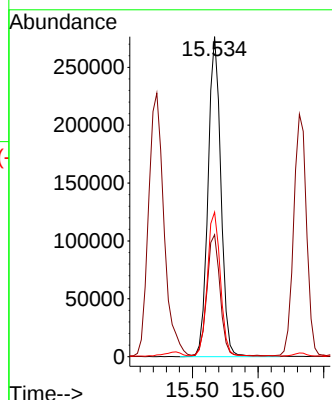
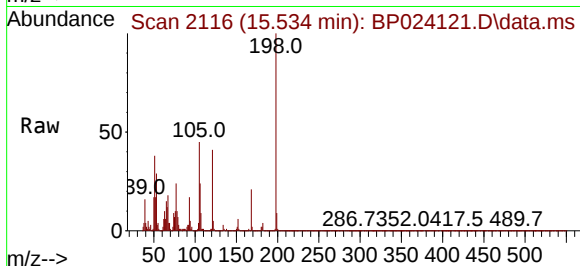




#65
4,6-Dinitro-2-methylphenol
Concen: 35.816 ng
RT: 15.534 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

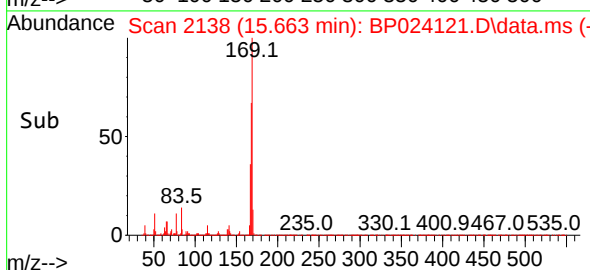
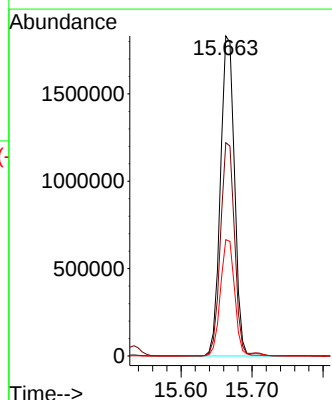
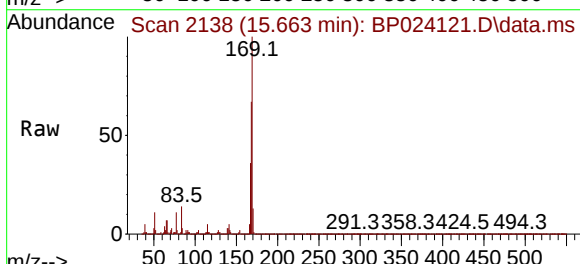
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

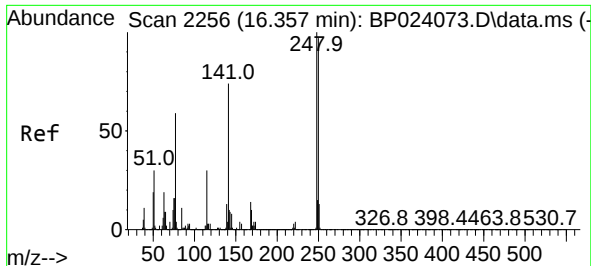
Tgt Ion:198 Resp: 376344
Ion Ratio Lower Upper
198 100
51 38.1 18.7 58.7
105 45.1 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 46.615 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:169 Resp: 2499612
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.4 29.5 44.3

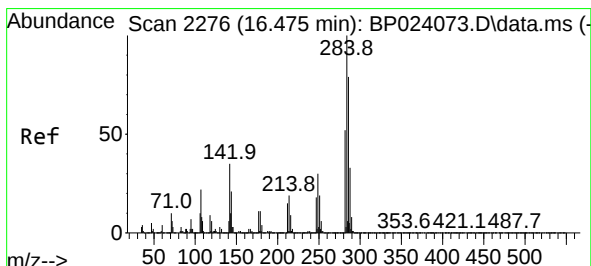
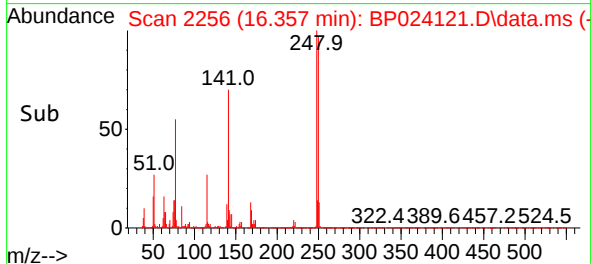
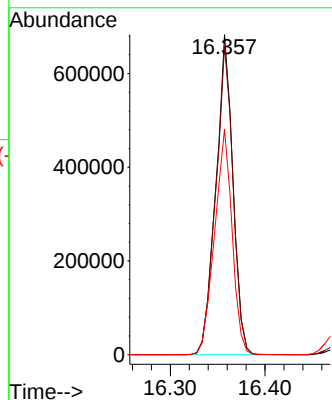
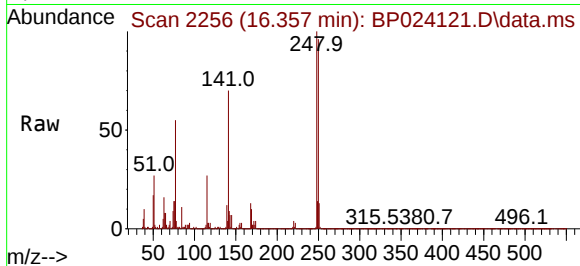




#67
4-Bromophenyl-phenylether
Concen: 44.445 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

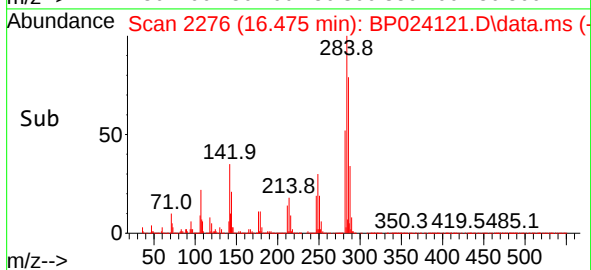
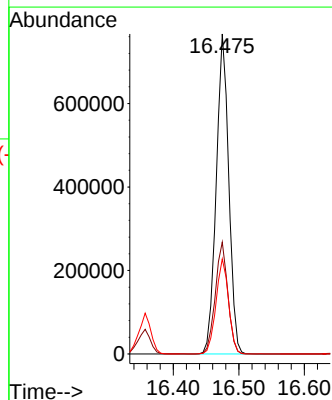
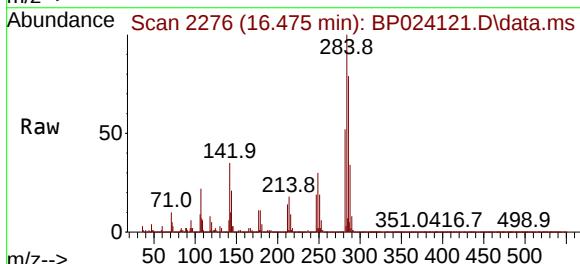
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

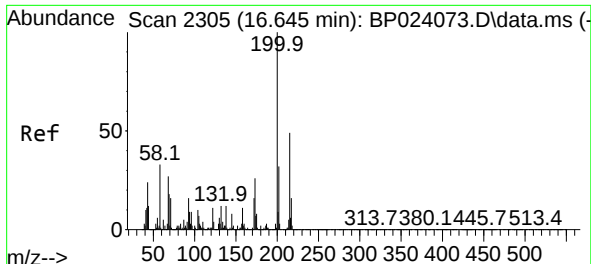
Tgt Ion:248 Resp: 858199
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 70.4 58.8 88.2



#68
Hexachlorobenzene
Concen: 44.582 ng
RT: 16.475 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:284 Resp: 1012929
Ion Ratio Lower Upper
284 100
142 35.0 27.7 41.5
249 29.7 23.8 35.6

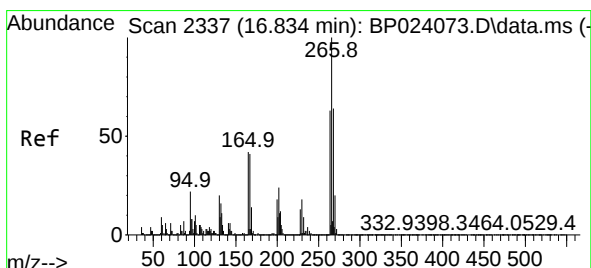
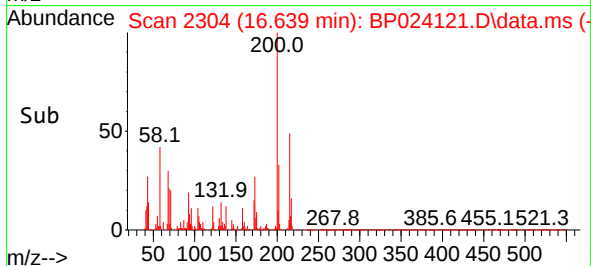
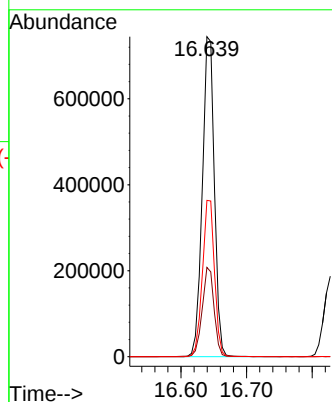
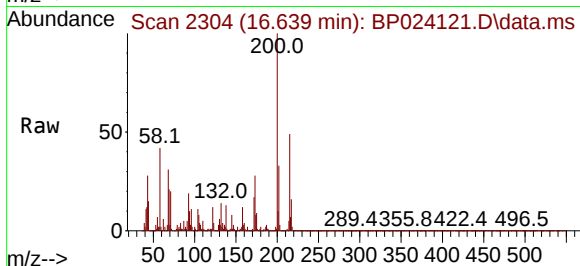




#69
Atrazine
Concen: 69.204 ng
RT: 16.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

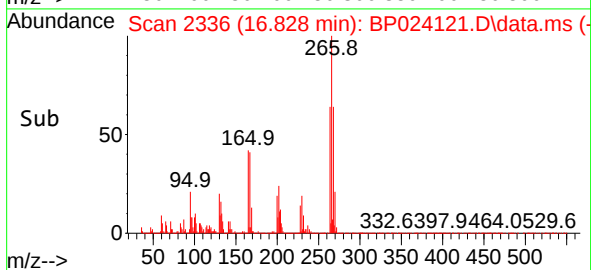
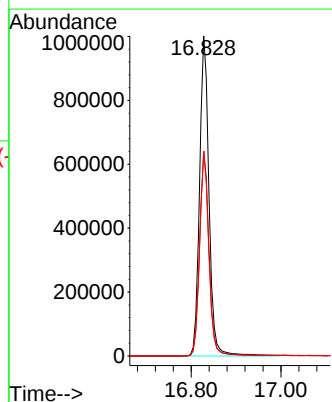
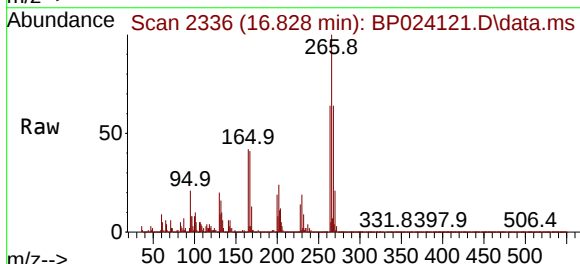
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

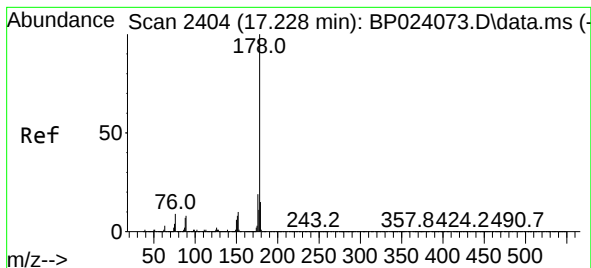
Tgt Ion:200 Resp: 952318
Ion Ratio Lower Upper
200 100
173 27.9 5.7 45.7
215 48.9 28.7 68.7



#70
Pentachlorophenol
Concen: 99.067 ng
RT: 16.828 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:266 Resp: 1461912
Ion Ratio Lower Upper
266 100
268 64.0 51.3 76.9
264 64.0 50.5 75.7





#71

Phenanthrene

Concen: 45.575 ng

RT: 17.228 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

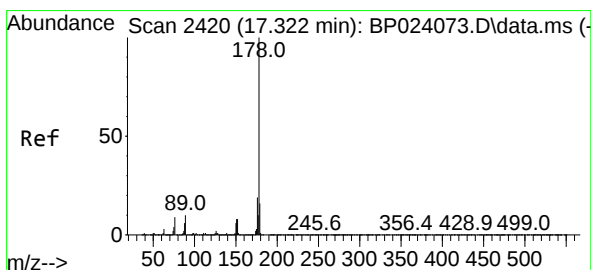
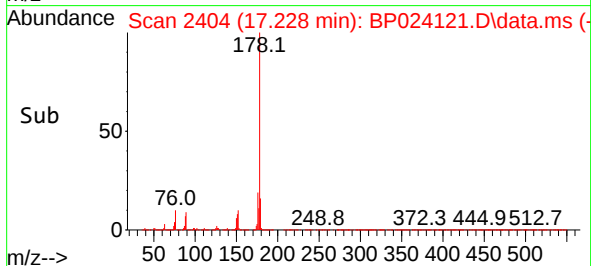
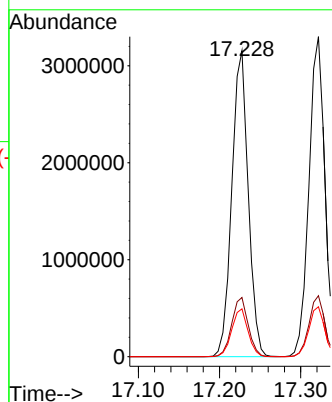
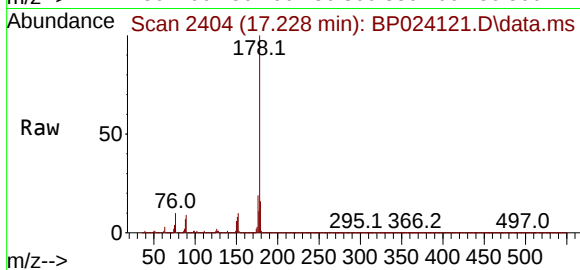
Tgt Ion:178 Resp: 4418199

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.4 18.6



#72

Anthracene

Concen: 48.390 ng

RT: 17.322 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

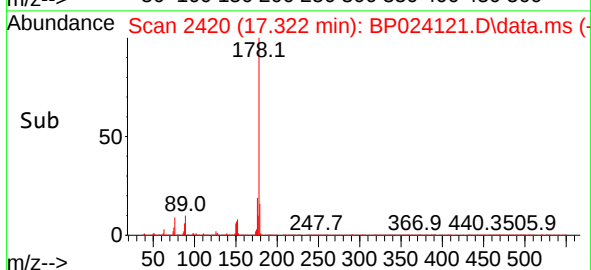
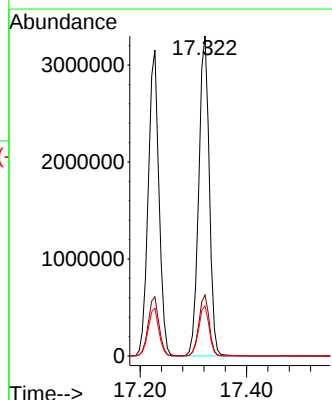
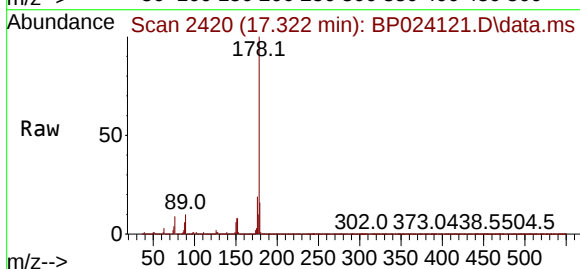
Tgt Ion:178 Resp: 4495423

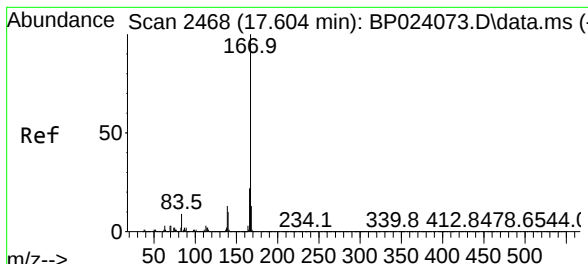
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.6 12.6 19.0





#73

Carbazole

Concen: 48.688 ng

RT: 17.598 min Scan# 2467

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

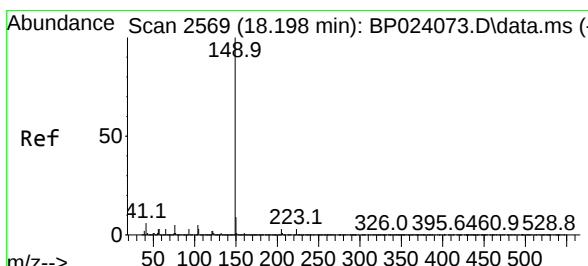
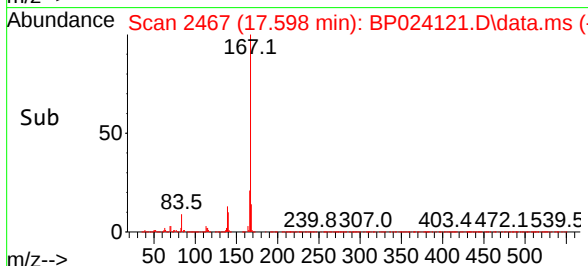
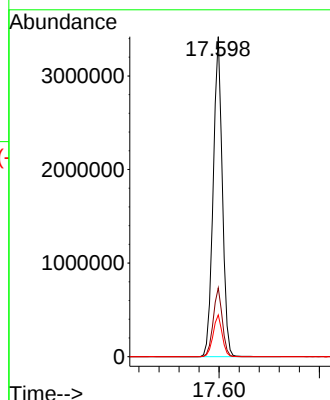
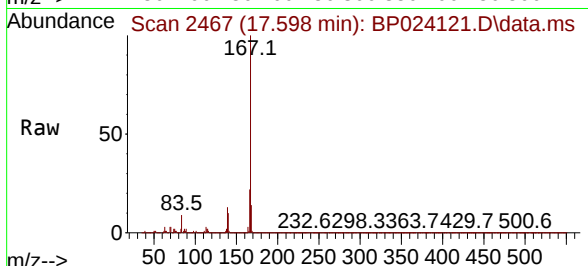
Tgt Ion:167 Resp: 4309504

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.283 ng

RT: 18.192 min Scan# 2568

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

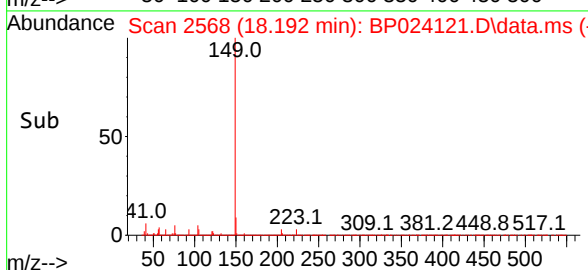
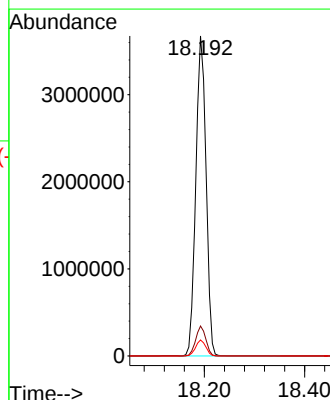
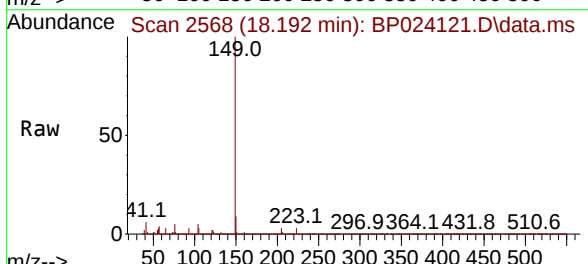
Tgt Ion:149 Resp: 5193252

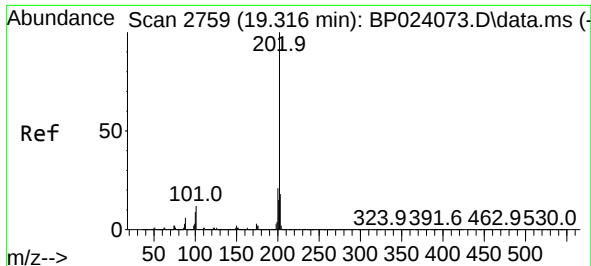
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 4.2 6.2

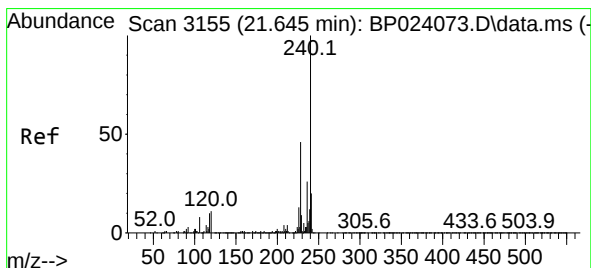
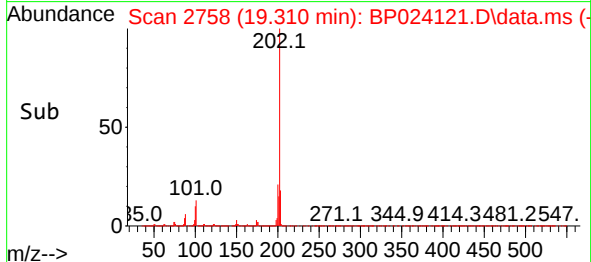
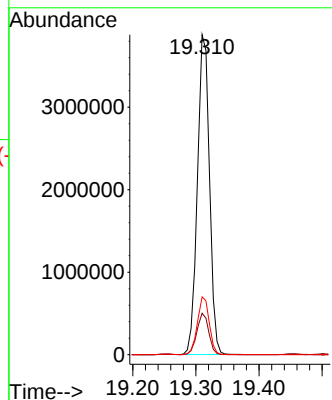
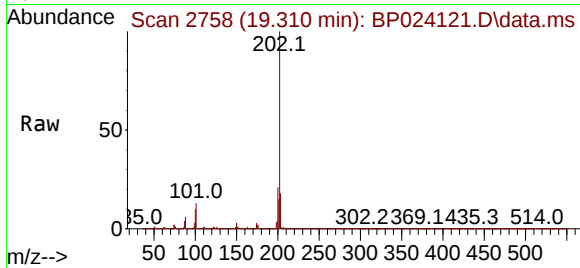




#75
Fluoranthene
Concen: 46.824 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

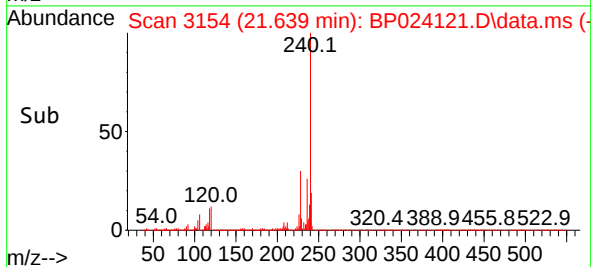
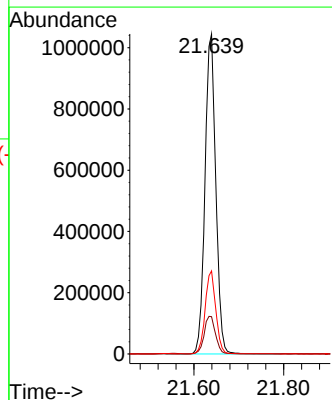
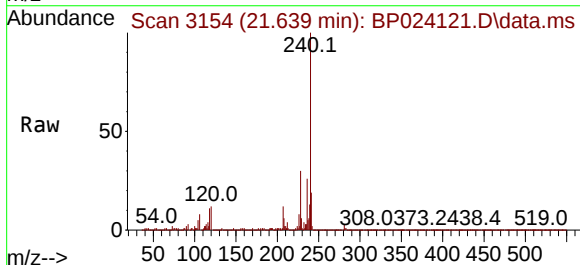
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

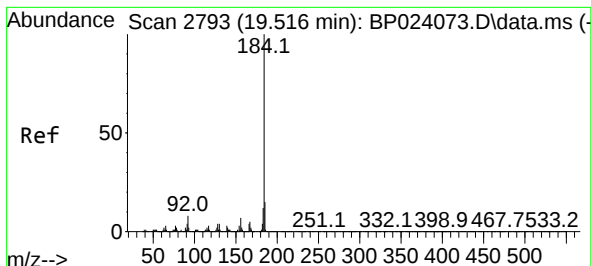
Tgt Ion:202 Resp: 5134314
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.9
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:240 Resp: 1738985
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.9 20.7 31.1





#77

Benzidine

Concen: 80.431 ng

RT: 19.504 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

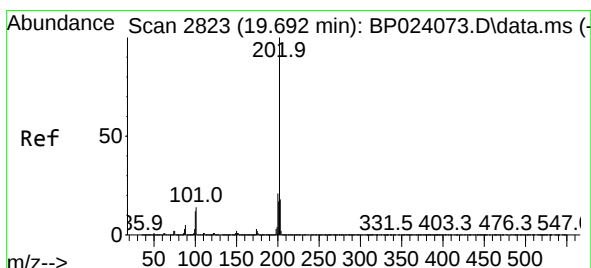
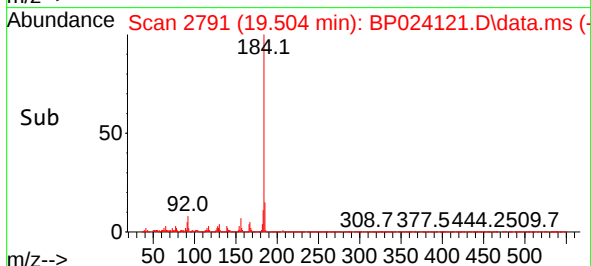
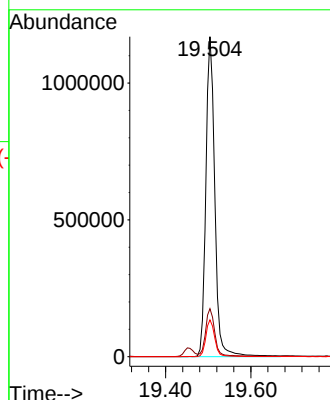
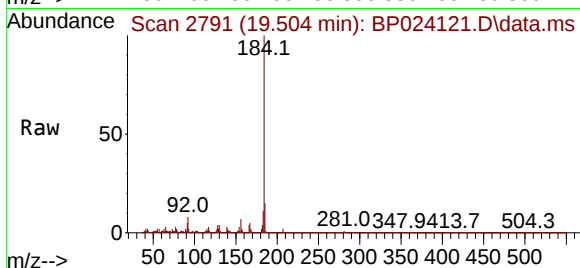
Tgt Ion:184 Resp: 1704366

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 48.463 ng

RT: 19.686 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

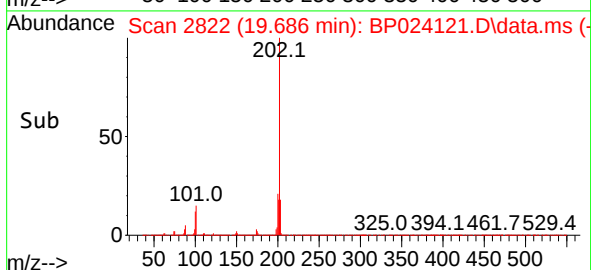
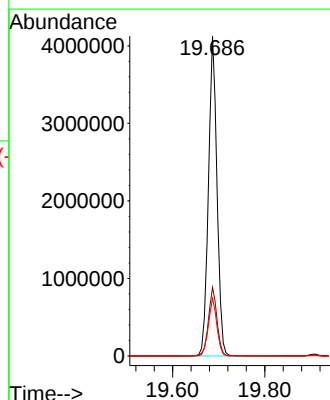
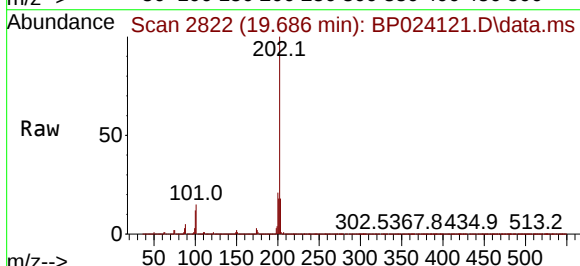
Tgt Ion:202 Resp: 5353144

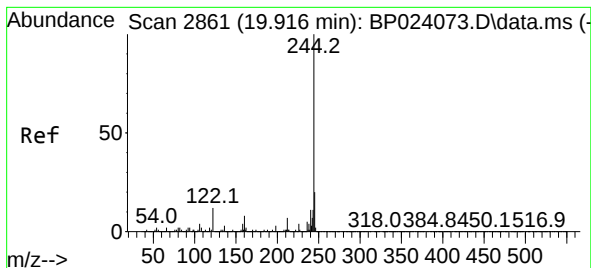
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 101.662 ng

RT: 19.904 min Scan# 2859

Delta R.T. -0.012 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

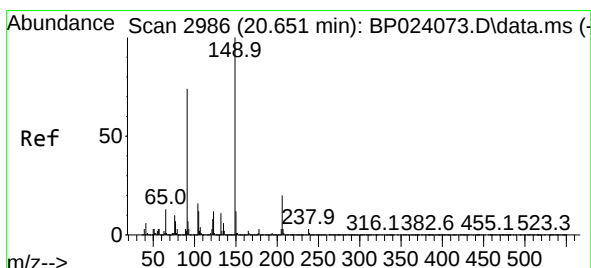
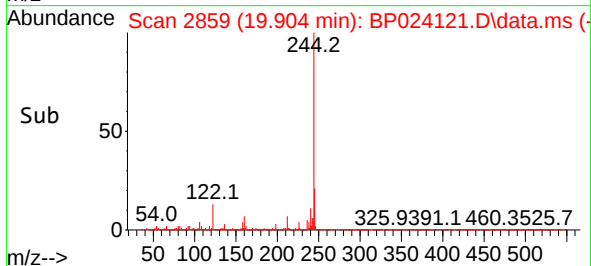
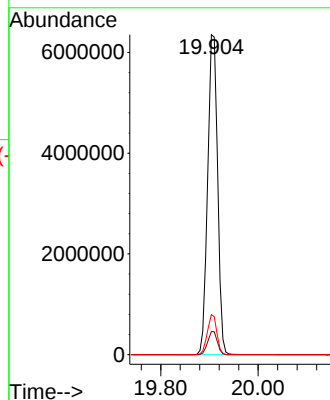
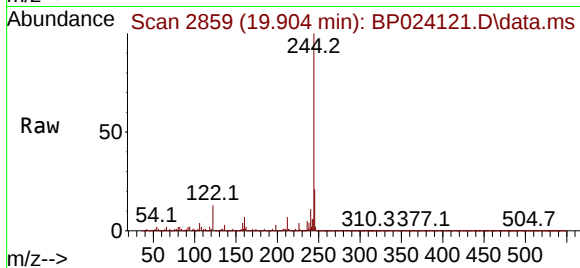
Tgt Ion:244 Resp: 8934410

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 12.5 9.4 14.2



#80

Butylbenzylphthalate

Concen: 54.983 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

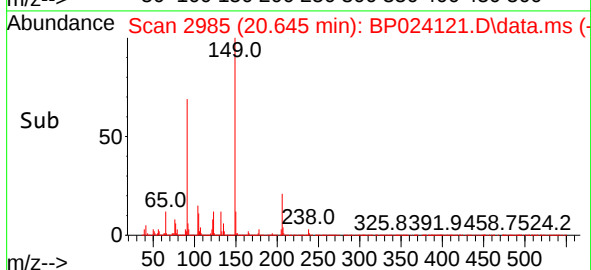
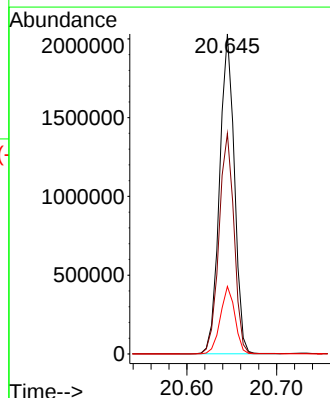
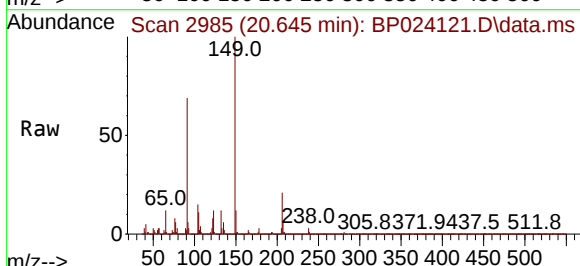
Tgt Ion:149 Resp: 2327290

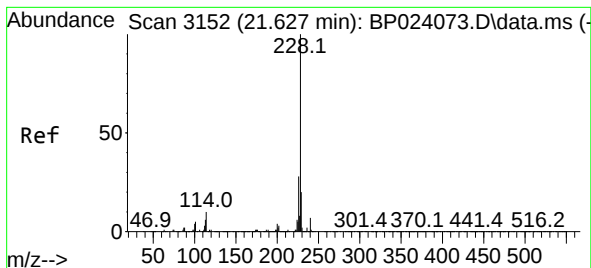
Ion Ratio Lower Upper

149 100

91 68.9 59.4 89.0

206 21.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.347 ng

RT: 21.616 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

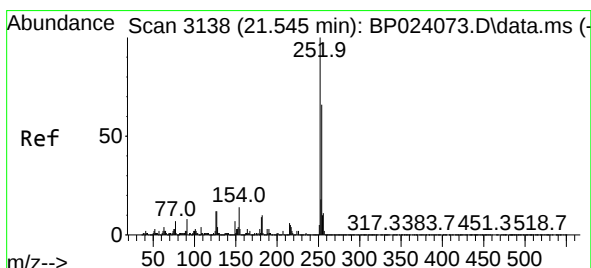
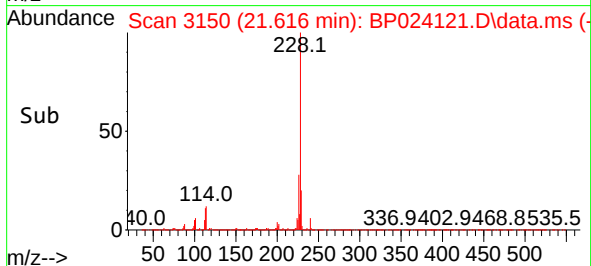
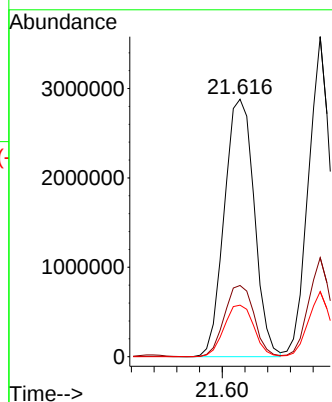
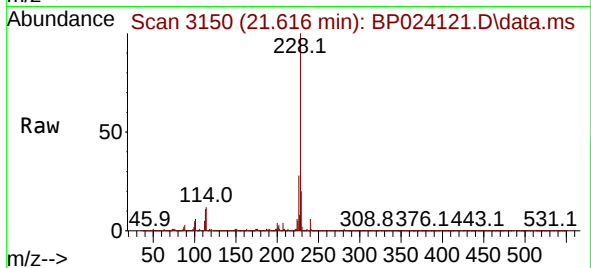
Tgt Ion:228 Resp: 5271907

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 55.096 ng

RT: 21.539 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

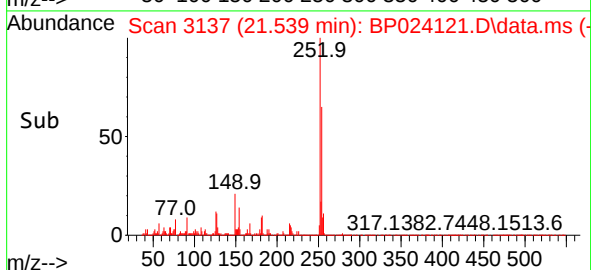
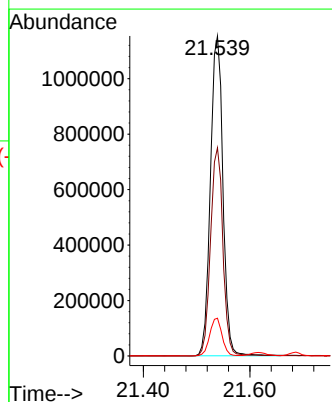
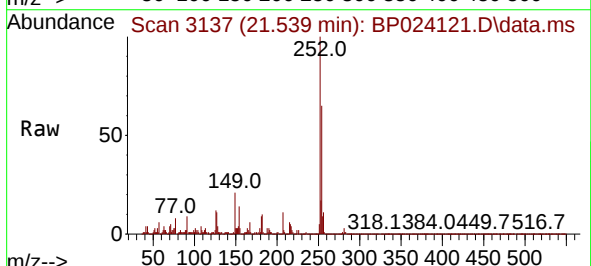
Tgt Ion:252 Resp: 1877345

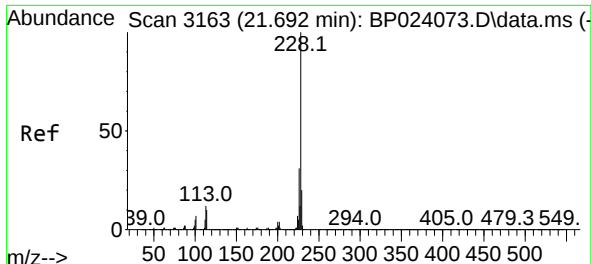
Ion Ratio Lower Upper

252 100

254 65.0 52.4 78.6

126 11.8 9.6 14.4





#83

Chrysene

Concen: 47.034 ng

RT: 21.686 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

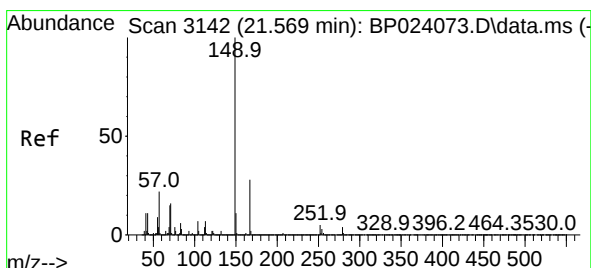
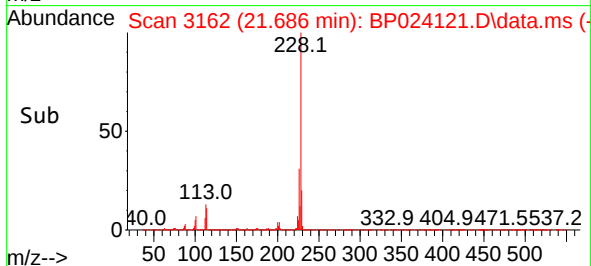
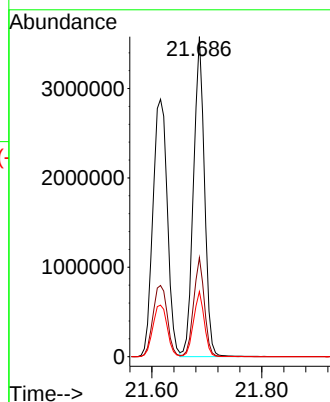
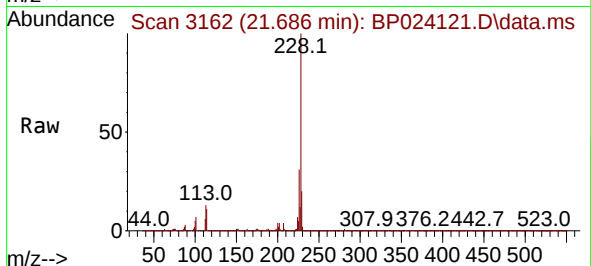
Tgt Ion:228 Resp: 4945554

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.695 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

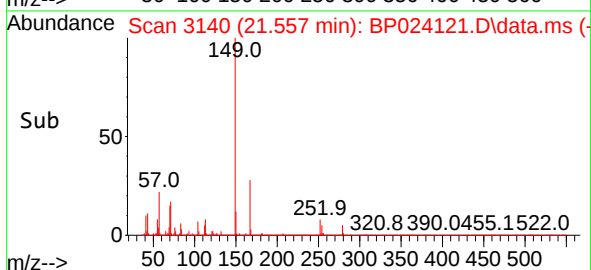
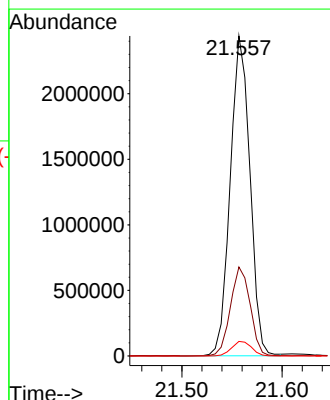
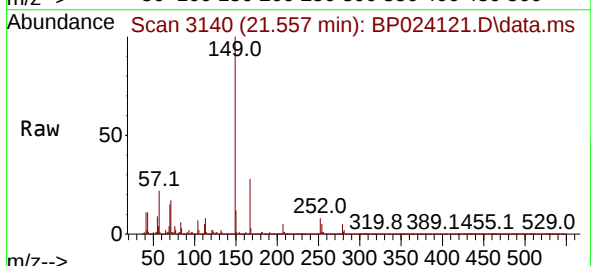
Tgt Ion:149 Resp: 3318151

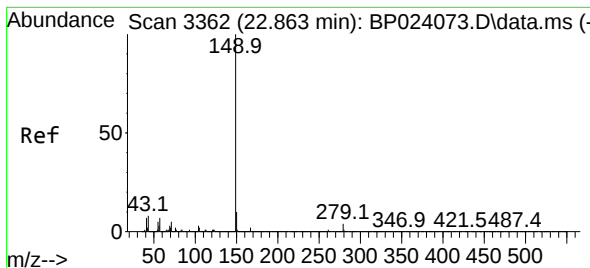
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.899 ng

RT: 22.857 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

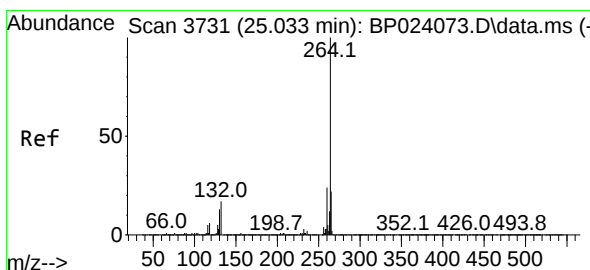
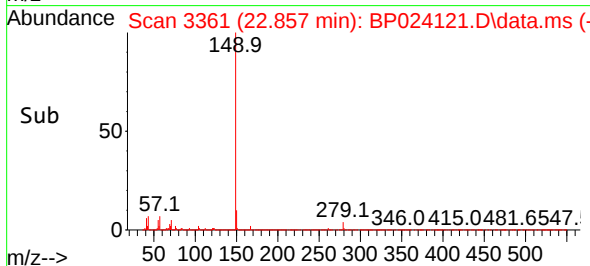
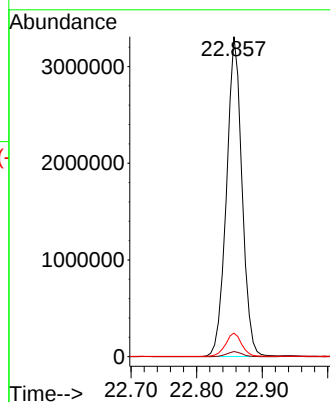
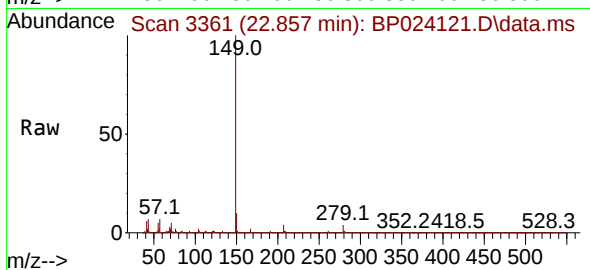
Tgt Ion:149 Resp: 5427250

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.027 min Scan# 3730

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

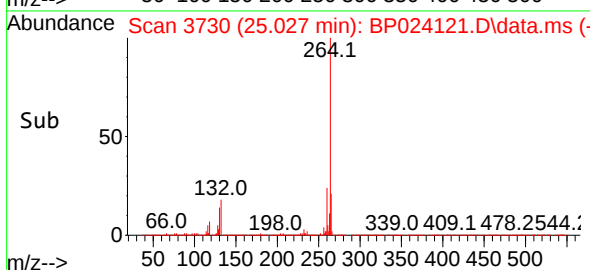
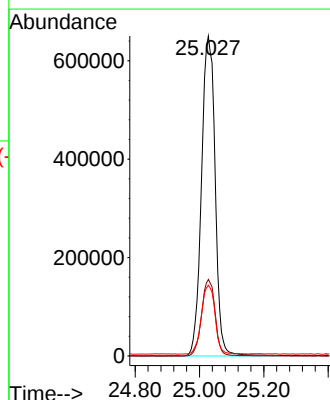
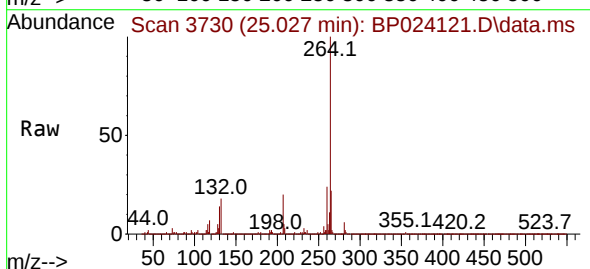
Tgt Ion:264 Resp: 1915613

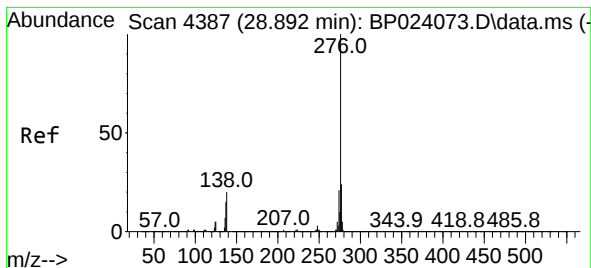
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.1 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.902 ng

RT: 28.880 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

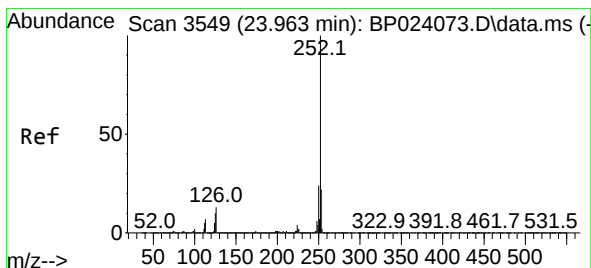
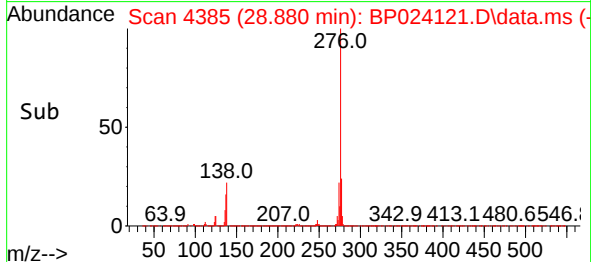
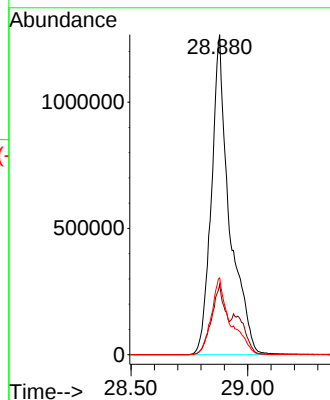
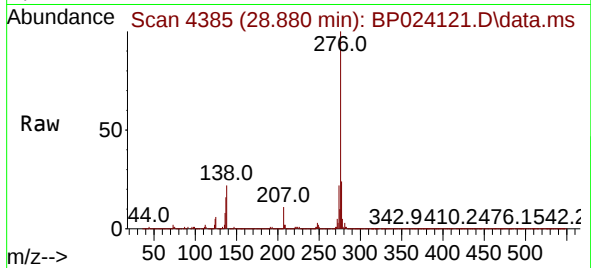
Tgt Ion:276 Resp: 6800555

Ion Ratio Lower Upper

276 100

138 16.9 14.2 21.4

277 25.3 16.2 24.4#



#88

Benzo(b)fluoranthene

Concen: 44.211 ng

RT: 23.957 min Scan# 3548

Delta R.T. -0.006 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

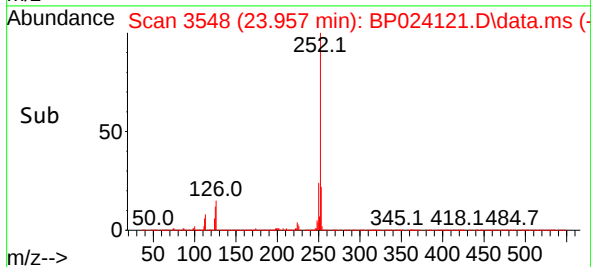
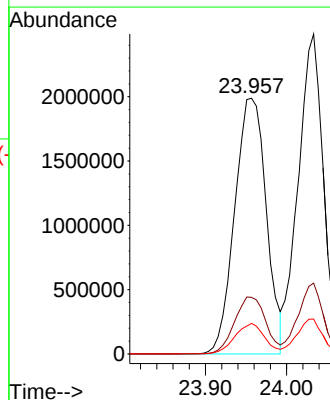
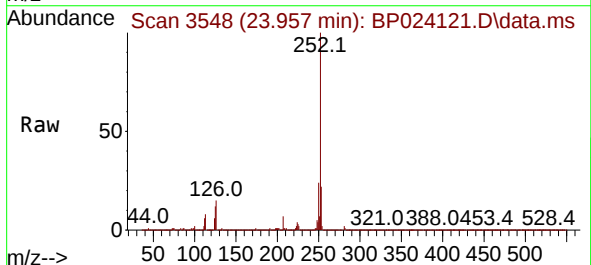
Tgt Ion:252 Resp: 5378136

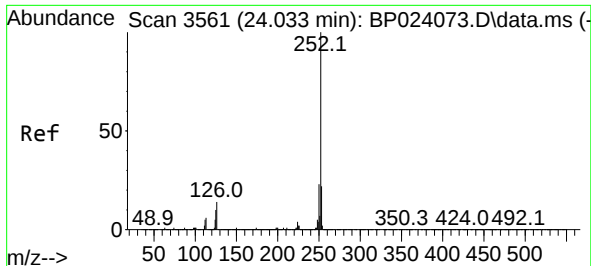
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.9 8.4 12.6

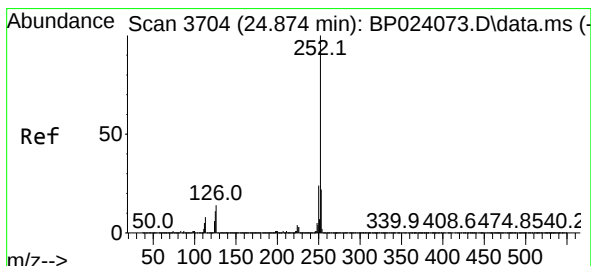
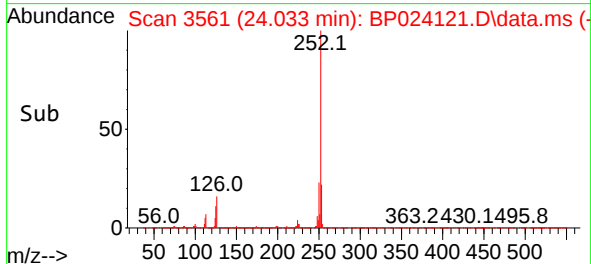
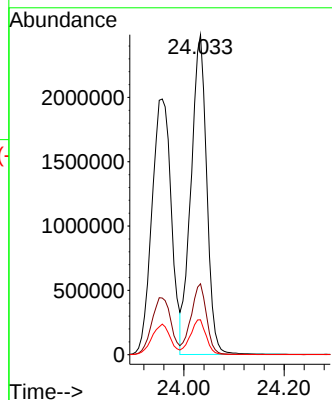
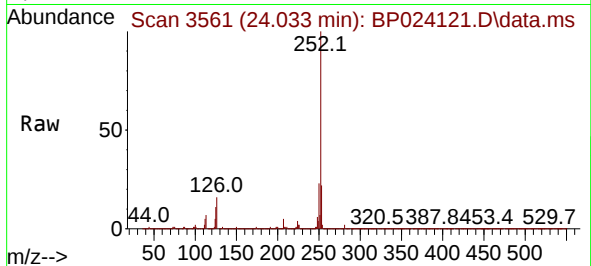




#89
Benzo(k)fluoranthene
Concen: 45.650 ng
RT: 24.033 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

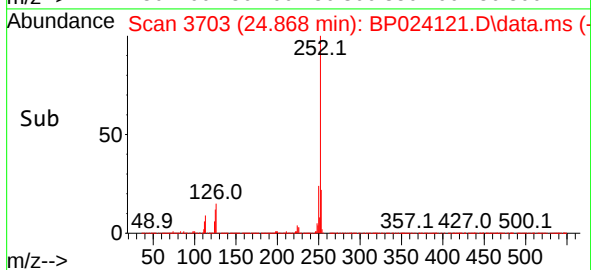
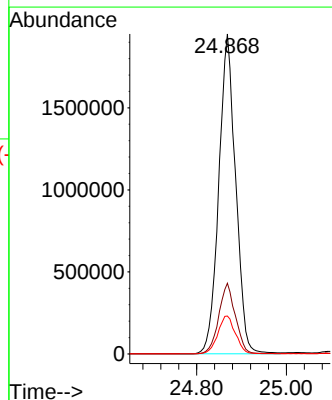
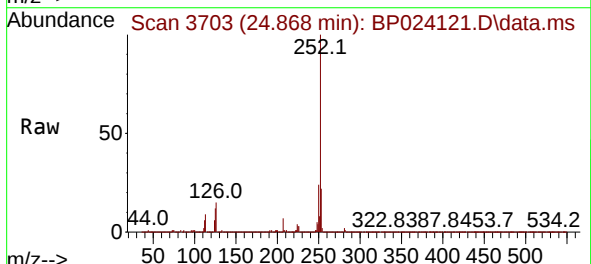
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01MS

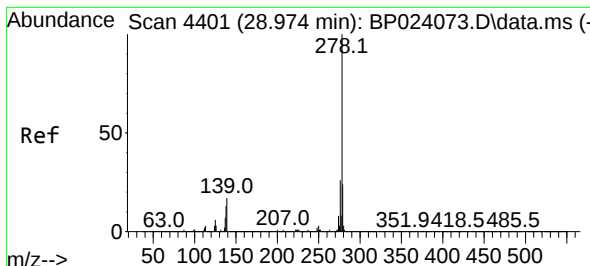
Tgt Ion:252 Resp: 5405182
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 49.393 ng
RT: 24.868 min Scan# 3703
Delta R.T. -0.006 min
Lab File: BP024121.D
Acq: 27 Feb 2025 15:08

Tgt Ion:252 Resp: 5099207
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.557 ng

RT: 28.956 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01MS

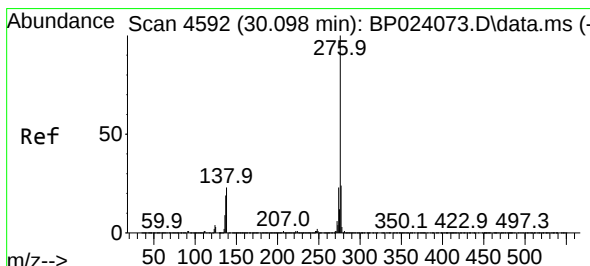
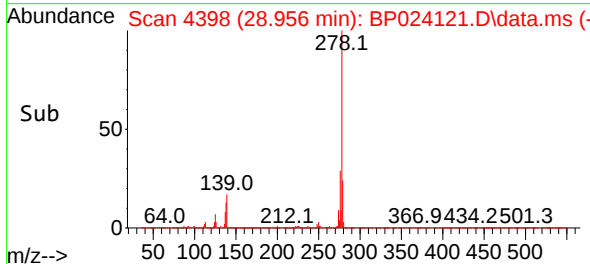
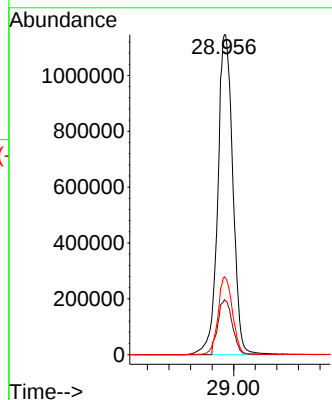
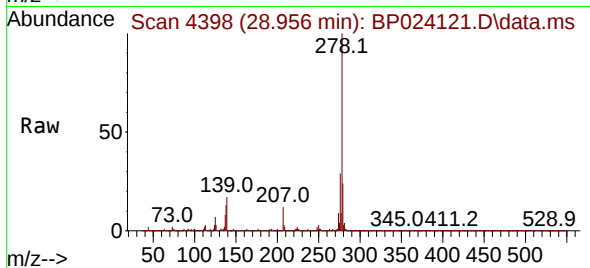
Tgt Ion:278 Resp: 5563977

Ion Ratio Lower Upper

278 100

139 17.2 13.4 20.0

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.049 ng

RT: 30.080 min Scan# 4589

Delta R.T. -0.018 min

Lab File: BP024121.D

Acq: 27 Feb 2025 15:08

Tgt Ion:276 Resp: 5354431

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.7 18.1 27.1

