

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024816.D
 Acq On : 28 May 2025 15:29
 Operator : RC/JU
 Sample : Q2128-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMS

Quant Time: May 28 15:52:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	103551	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	404168	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	249260	20.000	ng	0.00
64) Phenanthrene-d10	17.063	188	530357	20.000	ng	0.00
76) Chrysene-d12	21.492	240	785422	20.000	ng	0.00
86) Perylene-d12	24.751	264	999070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	613090	101.265	ng	0.00
7) Phenol-d6	6.846	99	775695	100.388	ng	0.00
23) Nitrobenzene-d5	8.793	82	426296	53.293	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	513877	121.608	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	958183	50.363	ng	0.00
79) Terphenyl-d14	19.786	244	2339566	51.076	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	100787	35.452	ng	98
3) Pyridine	3.611	79	232894	36.945	ng	96
4) n-Nitrosodimethylamine	3.523	42	110041	39.541	ng	99
6) Aniline	6.987	93	180934	18.137	ng	99
8) 2-Chlorophenol	7.228	128	304922	44.366	ng	97
9) Benzaldehyde	6.805	77	154177	30.823	ng	95
10) Phenol	6.875	94	344015	43.136	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	245760	37.502	ng	97
12) 1,3-Dichlorobenzene	7.534	146	329121	41.622	ng	98
13) 1,4-Dichlorobenzene	7.681	146	332452	41.802	ng	99
14) 1,2-Dichlorobenzene	7.993	146	318626	41.115	ng	99
15) Benzyl Alcohol	7.893	79	245450	41.801	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	288128	36.714	ng	99
17) 2-Methylphenol	8.105	107	240618	42.066	ng	97
18) Hexachloroethane	8.710	117	120406	39.508	ng	96
19) n-Nitroso-di-n-propyla...	8.446	70	187358	35.053	ng	96
20) 3+4-Methylphenols	8.428	107	323115	41.527	ng	99
22) Acetophenone	8.463	105	418512	41.454	ng	# 99
24) Nitrobenzene	8.840	77	283897	40.330	ng	93
25) Isophorone	9.358	82	529399	38.153	ng	99
26) 2-Nitrophenol	9.540	139	162675	47.160	ng	100
27) 2,4-Dimethylphenol	9.616	122	274654	45.161	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	324831	39.185	ng	99
29) 2,4-Dichlorophenol	10.093	162	276655	46.943	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	300000	45.172	ng	98
31) Naphthalene	10.463	128	915833	43.727	ng	100
32) Benzoic acid	9.787	122	185943	44.554	ng	93
33) 4-Chloroaniline	10.599	127	91975	10.883	ng	98
34) Hexachlorobutadiene	10.746	225	194382	45.181	ng	97
35) Caprolactam	11.381	113	91565	42.943	ng	95
36) 4-Chloro-3-methylphenol	11.734	107	306022	42.580	ng	97
37) 2-Methylnaphthalene	12.075	142	579312	42.717	ng	99
38) 1-Methylnaphthalene	12.299	142	605196	41.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	338722	46.796	ng	99
41) Hexachlorocyclopentadiene	12.428	237	424946	96.820	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	225221	48.039	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024816.D
 Acq On : 28 May 2025 15:29
 Operator : RC/JU
 Sample : Q2128-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

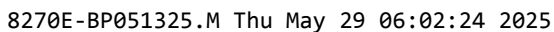
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMS

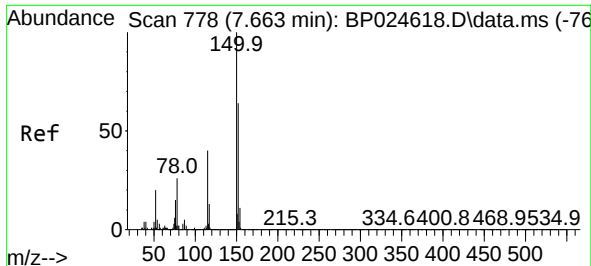
Quant Time: May 28 15:52:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	250928	48.083	ng	97
46) 1,1'-Biphenyl	13.099	154	825894	44.829	ng	99
47) 2-Chloronaphthalene	13.146	162	630145	44.859	ng	100
48) 2-Nitroaniline	13.357	65	176403	42.417	ng	97
49) Acenaphthylene	13.993	152	1027713	43.719	ng	99
50) Dimethylphthalate	13.734	163	799247	42.068	ng	99
51) 2,6-Dinitrotoluene	13.857	165	174996	43.614	ng	98
52) Acenaphthene	14.340	154	589451	43.617	ng	99
53) 3-Nitroaniline	14.198	138	93471	22.815	ng	98
54) 2,4-Dinitrophenol	14.416	184	232593	90.973	ng	96
55) Dibenzofuran	14.681	168	956708	44.383	ng	99
56) 4-Nitrophenol	14.557	139	306991	86.204	ng	97
57) 2,4-Dinitrotoluene	14.663	165	268088	47.392	ng	96
58) Fluorene	15.340	166	799650	45.496	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.916	232	234874	48.517	ng	96
60) Diethylphthalate	15.110	149	849787	44.255	ng	99
61) 4-Chlorophenyl-phenyle...	15.334	204	390014	44.494	ng	97
62) 4-Nitroaniline	15.375	138	189774m	47.972	ng	
63) Azobenzene	15.628	77	754374	45.923	ng	96
65) 4,6-Dinitro-2-methylph...	15.440	198	158206	46.181	ng	95
66) n-Nitrosodiphenylamine	15.551	169	696660	42.765	ng	98
67) 4-Bromophenyl-phenylether	16.240	248	281251	45.004	ng	98
68) Hexachlorobenzene	16.363	284	368718	46.432	ng	94
69) Atrazine	16.528	200	279770	46.863	ng	98
70) Pentachlorophenol	16.722	266	513356	115.162	ng	98
71) Phenanthrene	17.110	178	1434548	48.656	ng	100
72) Anthracene	17.204	178	1402829	47.291	ng	100
73) Carbazole	17.492	167	1320666	49.190	ng	99
74) Di-n-butylphthalate	18.075	149	1636662	47.399	ng	99
75) Fluoranthene	19.192	202	2157799	62.610	ng	99
77) Benzidine	19.398	184	1021006	47.729	ng	100
78) Pyrene	19.569	202	2240516	47.609	ng	99
80) Butylbenzylphthalate	20.516	149	917667	43.845	ng	94
81) Benzo(a)anthracene	21.469	228	2452935	49.737	ng	100
82) 3,3'-Dichlorobenzidine	21.398	252	456961	24.946	ng	100
83) Chrysene	21.539	228	2270488	48.565	ng	99
84) Bis(2-ethylhexyl)phtha...	21.404	149	1381381	44.904	ng	99
85) Di-n-octyl phthalate	22.645	149	2502562	49.746	ng	99
87) Indeno(1,2,3-cd)pyrene	28.480	276	3660351	50.185	ng	# 87
88) Benzo(b)fluoranthene	23.721	252	2912787	50.936	ng	99
89) Benzo(k)fluoranthene	23.792	252	2672982	45.362	ng	100
90) Benzo(a)pyrene	24.610	252	2778946	50.599	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	2843872	47.927	ng	99
92) Benzo(g,h,i)perylene	29.615	276	2964493	50.239	ng	98

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

Quant Time: May 28 15:52:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

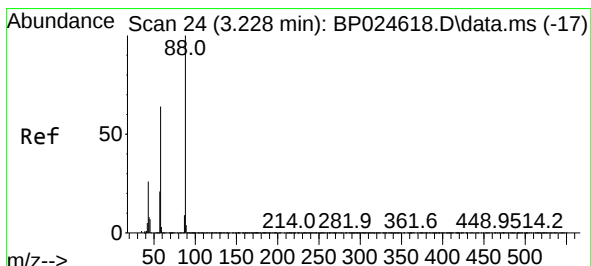
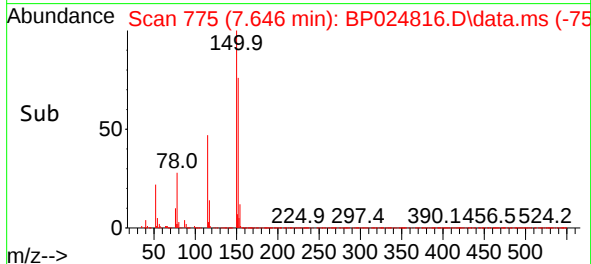
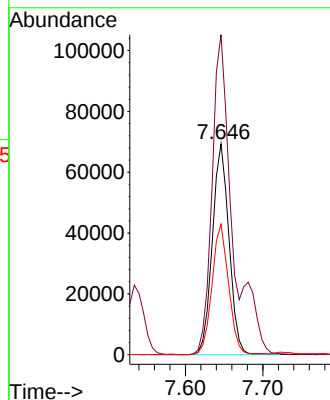
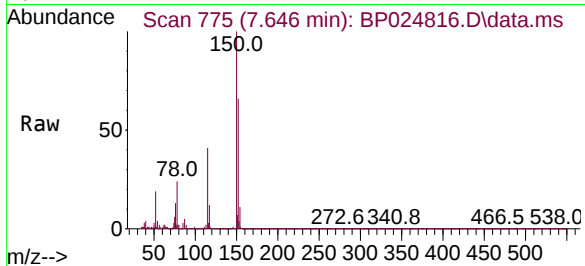




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

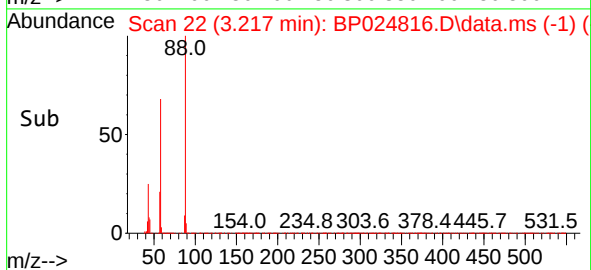
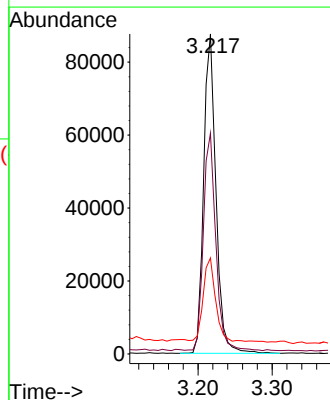
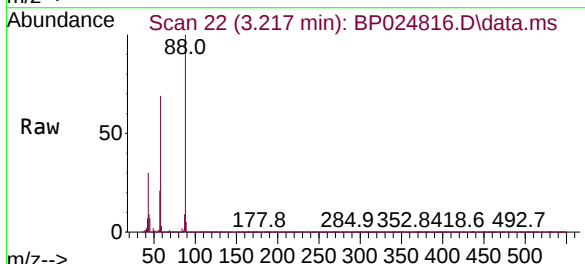
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

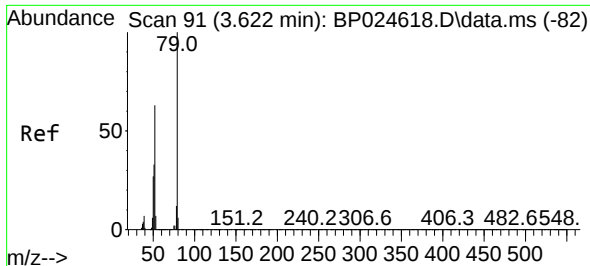
Tgt Ion:152 Resp: 103551
Ion Ratio Lower Upper
152 100
150 151.9 125.9 188.9
115 61.9 50.1 75.1



#2
1,4-Dioxane
Concen: 35.452 ng
RT: 3.217 min Scan# 22
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 88 Resp: 100787
Ion Ratio Lower Upper
88 100
58 68.9 54.0 81.0
43 26.1 21.4 32.0

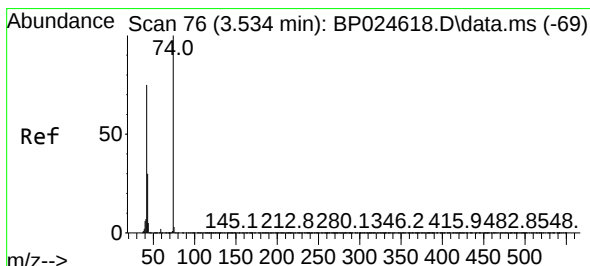
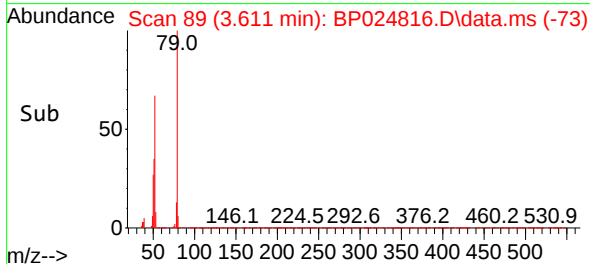
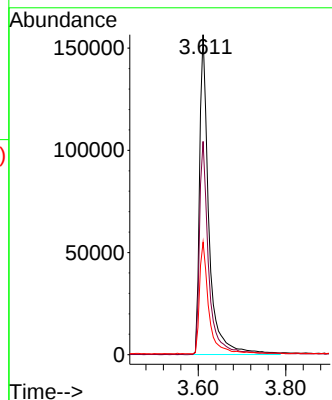
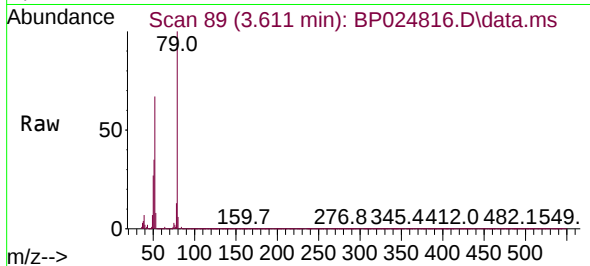




#3
 Pyridine
 Concen: 36.945 ng
 RT: 3.611 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BP024816.D
 Acq: 28 May 2025 15:29

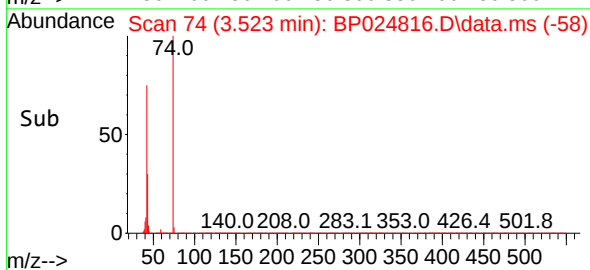
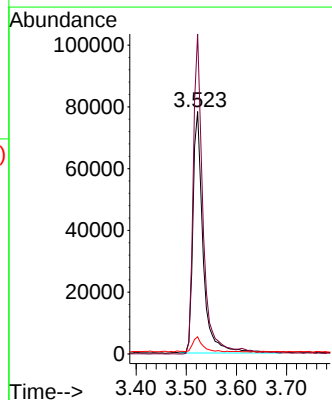
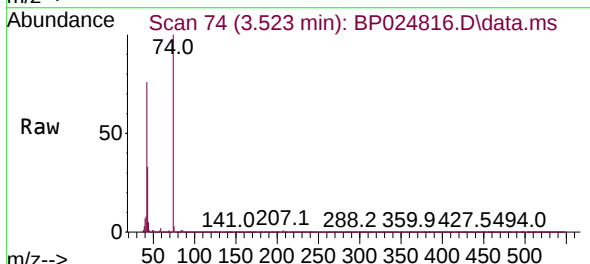
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMS

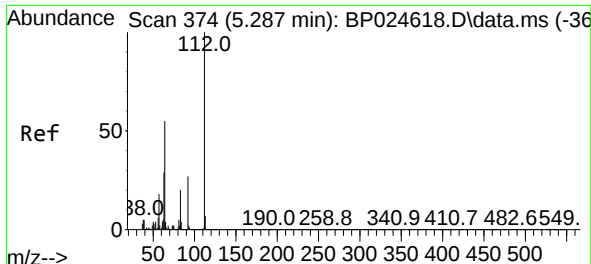
Tgt Ion: 79 Resp: 232894
 Ion Ratio Lower Upper
 79 100
 52 66.7 50.2 75.2
 51 35.1 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 39.541 ng
 RT: 3.523 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BP024816.D
 Acq: 28 May 2025 15:29

Tgt Ion: 42 Resp: 110041
 Ion Ratio Lower Upper
 42 100
 74 132.0 106.2 159.2
 44 7.1 5.4 8.2

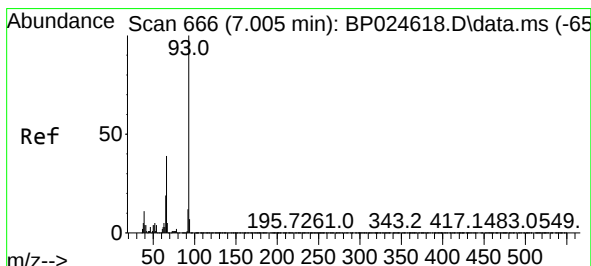
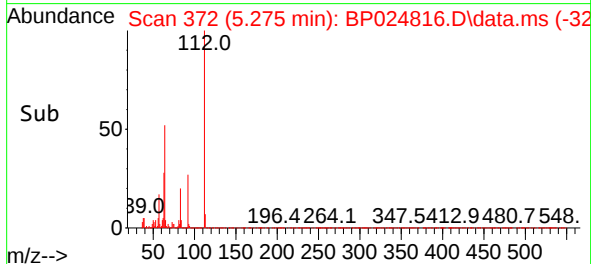
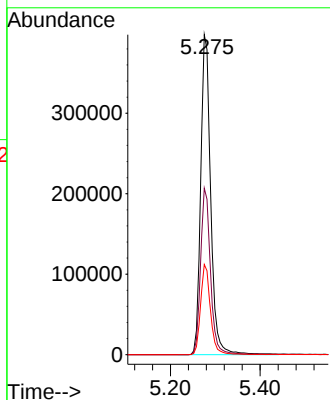
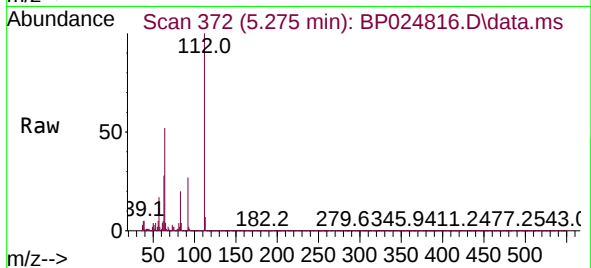




#5
2-Fluorophenol
Concen: 101.265 ng
RT: 5.275 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

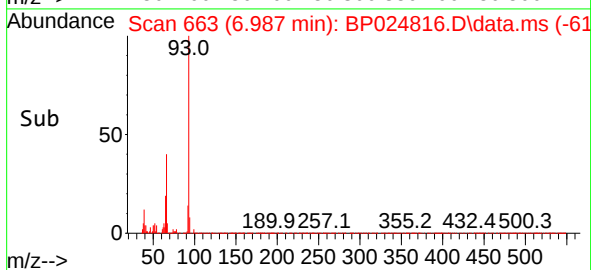
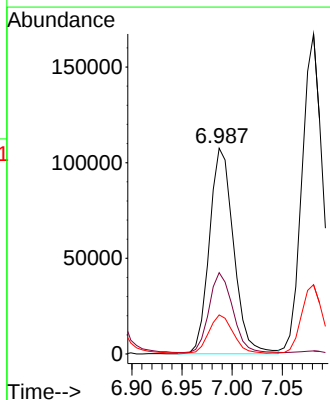
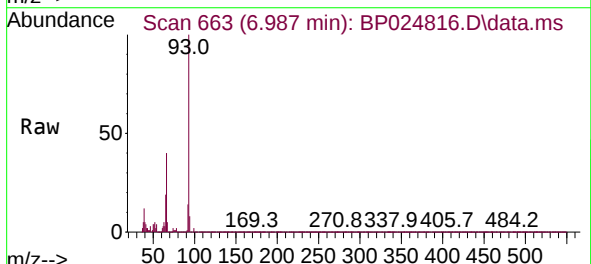
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

Tgt Ion:112 Resp: 613090
Ion Ratio Lower Upper
112 100
64 52.1 44.1 66.1
63 28.2 23.5 35.3



#6
Aniline
Concen: 18.137 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 93 Resp: 180934
Ion Ratio Lower Upper
93 100
66 39.5 31.0 46.6
65 19.0 15.5 23.3

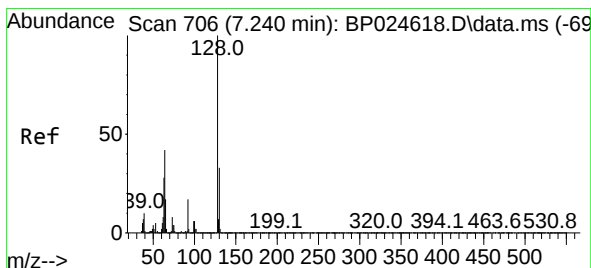
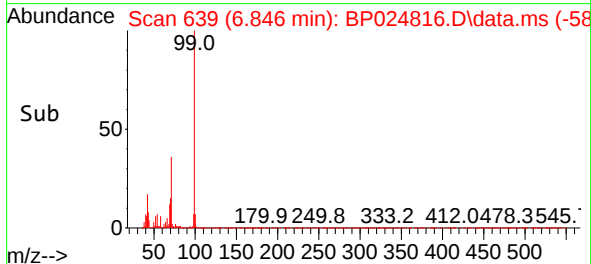
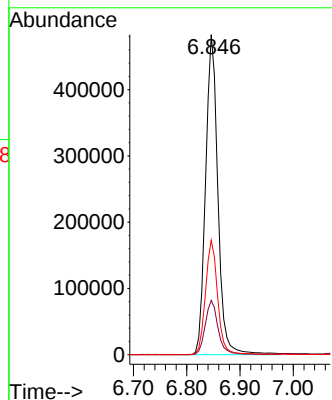
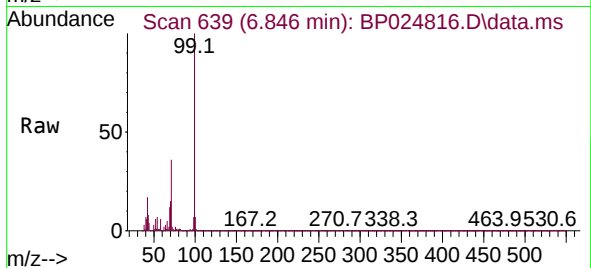




#7
Phenol-d6
Concen: 100.388 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

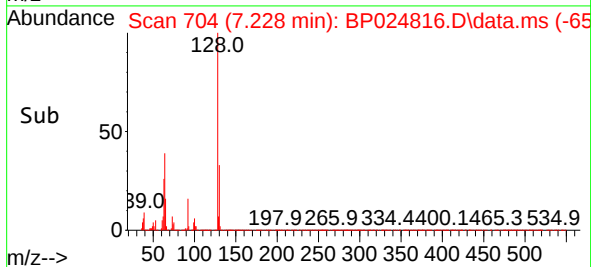
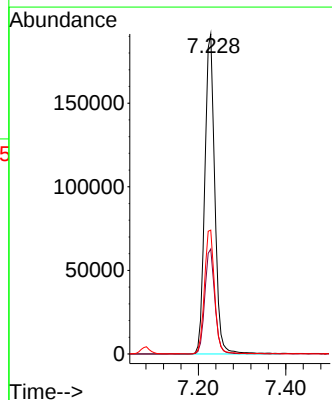
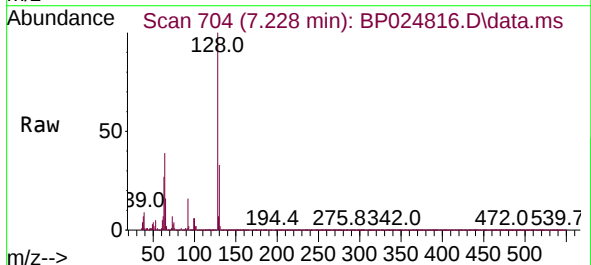
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

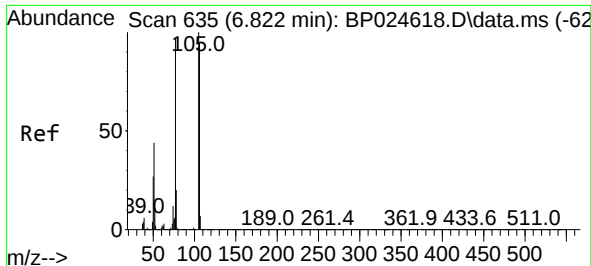
Tgt Ion: 99 Resp: 775695
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 35.7 29.2 43.8



#8
2-Chlorophenol
Concen: 44.366 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 128 Resp: 304922
Ion Ratio Lower Upper
128 100
130 32.8 13.0 53.0
64 38.7 22.3 62.3

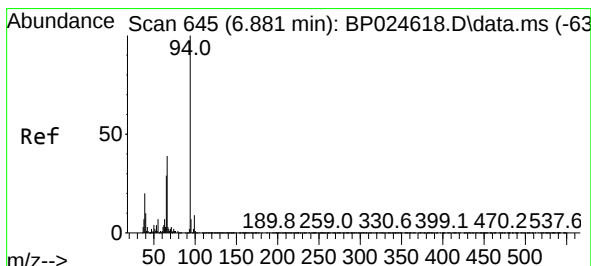
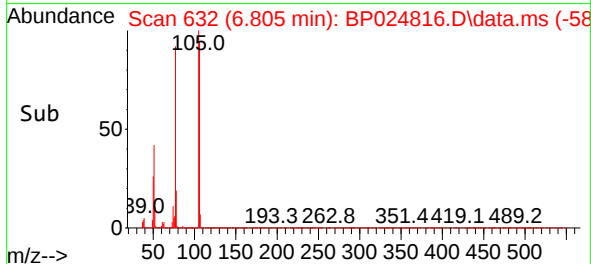
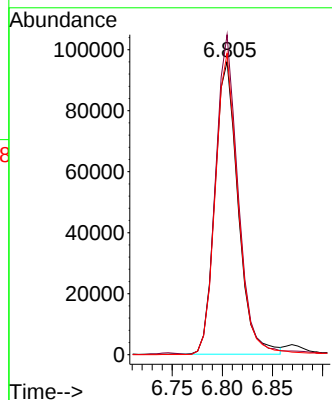
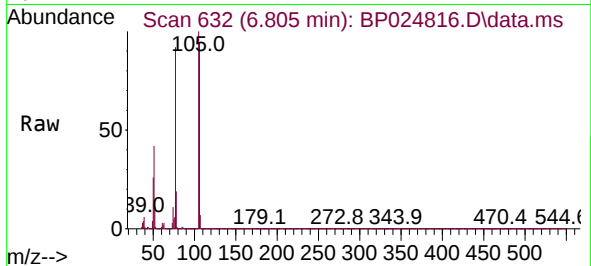




#9
Benzaldehyde
Concen: 30.823 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

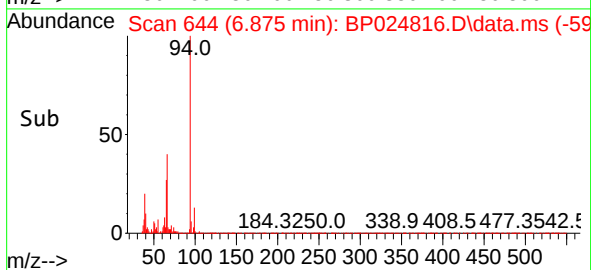
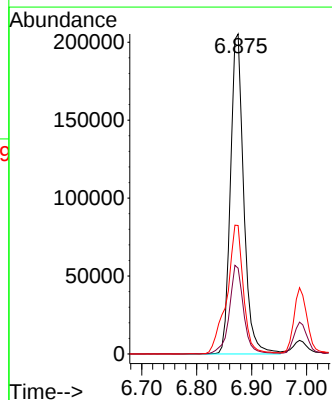
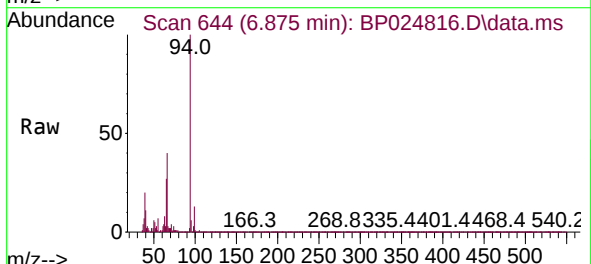
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

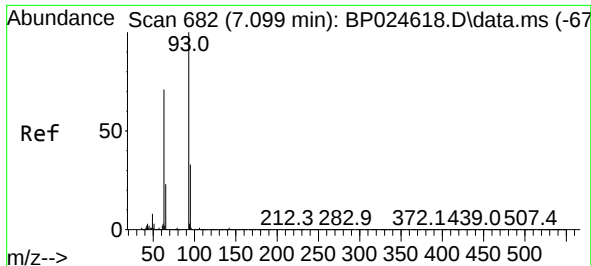
Tgt Ion: 77 Resp: 154177
Ion Ratio Lower Upper
77 100
105 109.2 83.3 123.3
106 102.9 78.0 118.0



#10
Phenol
Concen: 43.136 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 94 Resp: 344015
Ion Ratio Lower Upper
94 100
65 26.8 8.7 48.7
66 40.1 19.4 59.4

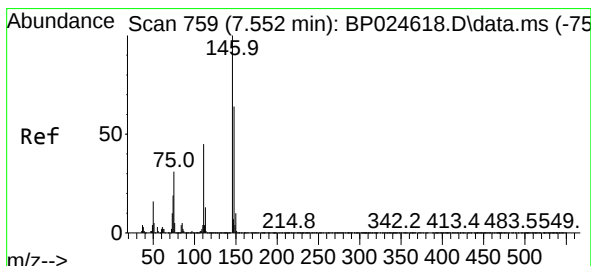
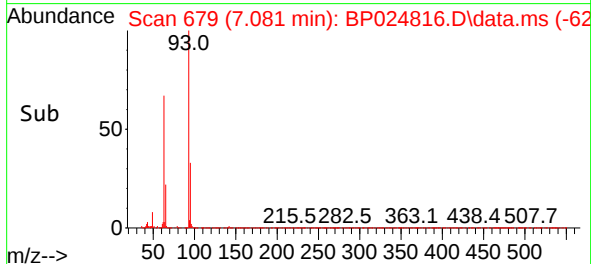
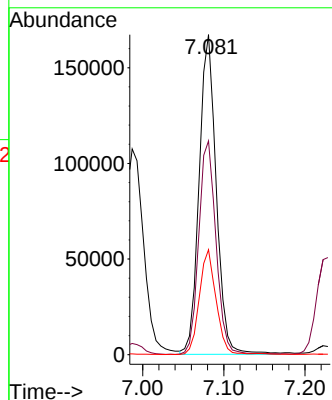
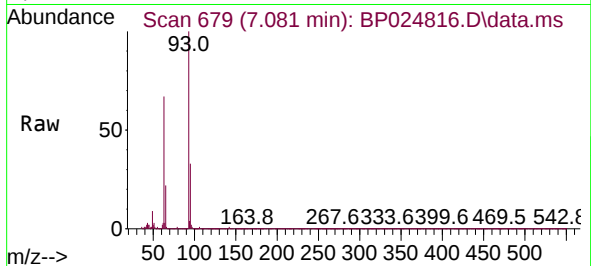




#11
bis(2-Chloroethyl)ether
Concen: 37.502 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

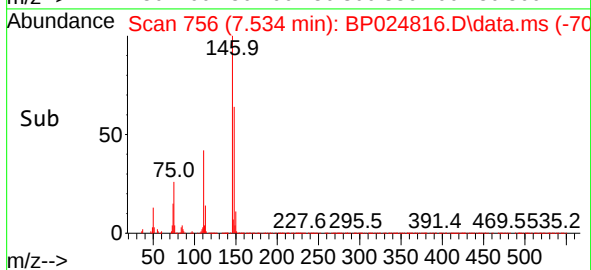
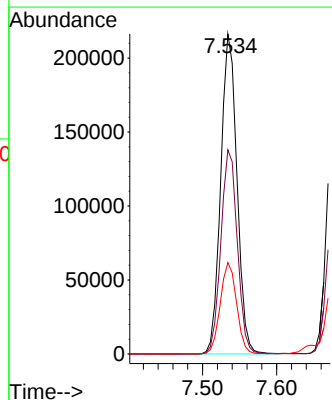
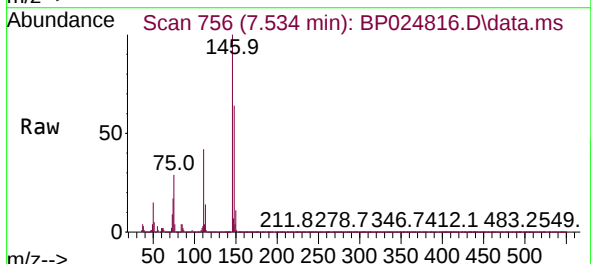
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

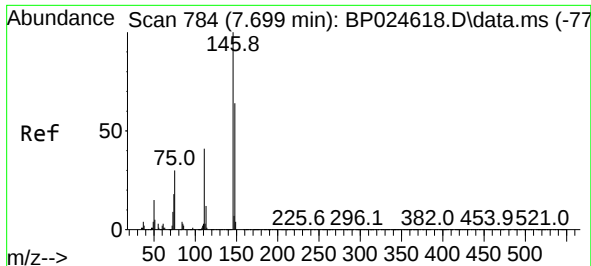
Tgt Ion: 93 Resp: 245760
Ion Ratio Lower Upper
93 100
63 66.8 50.6 90.6
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.622 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 146 Resp: 329121
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 28.6 25.2 37.8

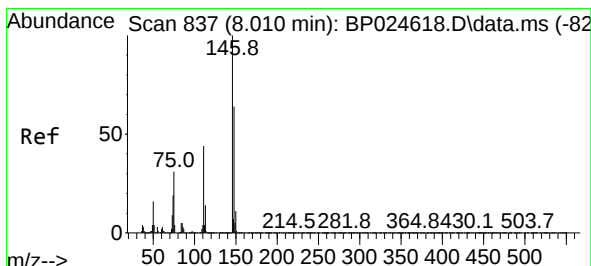
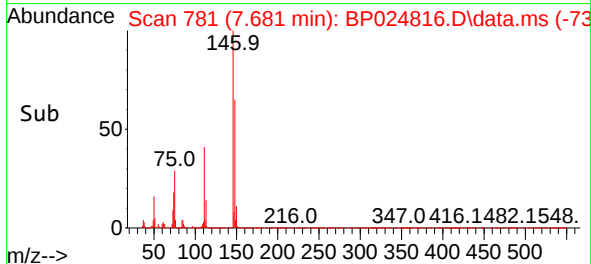
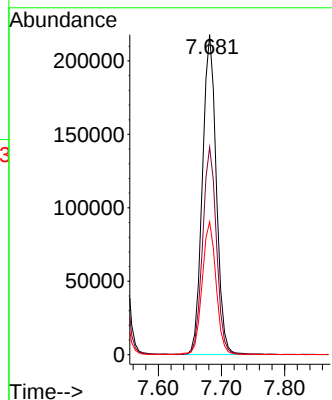
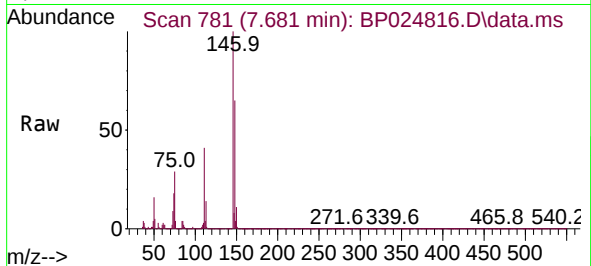




#13
1,4-Dichlorobenzene
Concen: 41.802 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

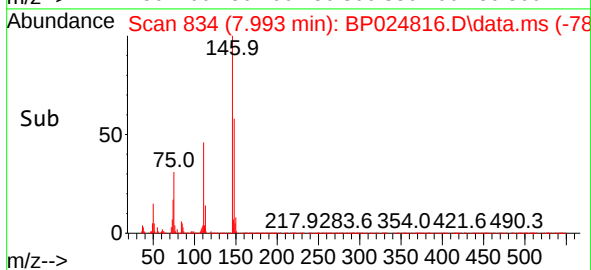
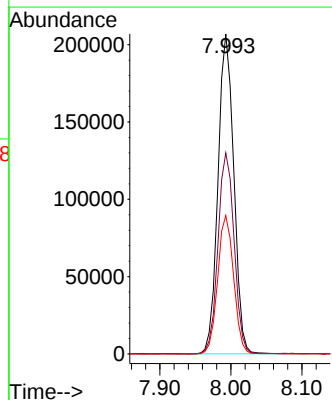
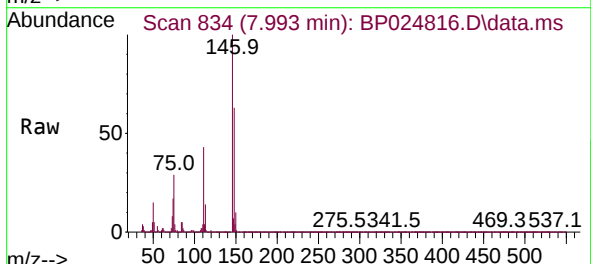
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

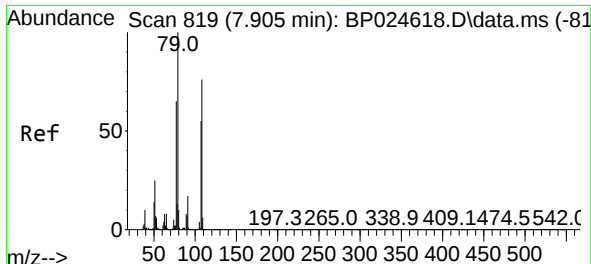
Tgt Ion:146 Resp: 332452
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 41.5 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 41.115 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:146 Resp: 318626
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
111 43.2 35.2 52.8

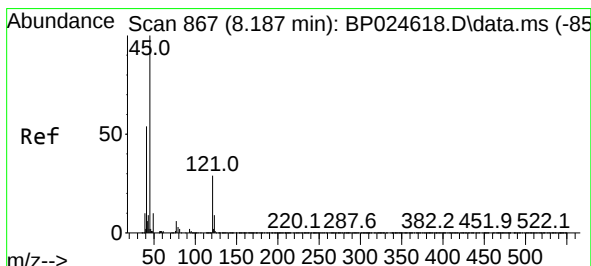
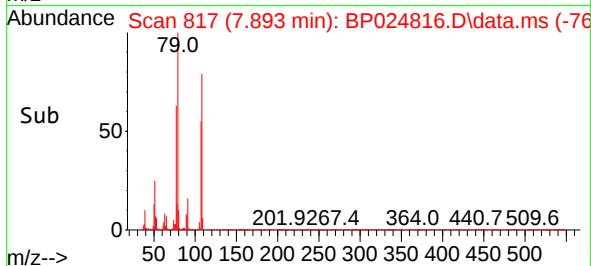
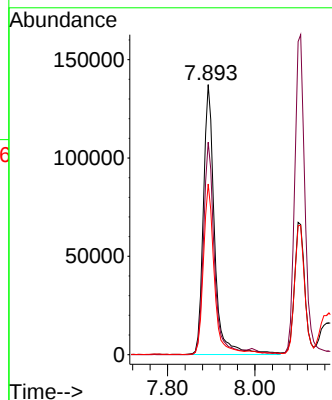
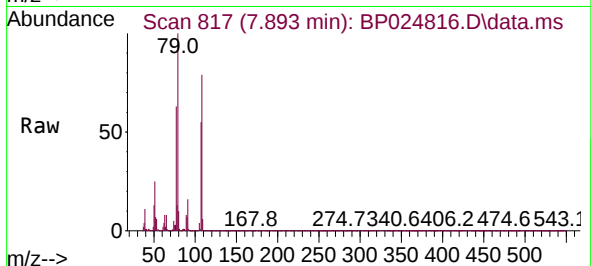




#15
Benzyl Alcohol
Concen: 41.801 ng
RT: 7.893 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

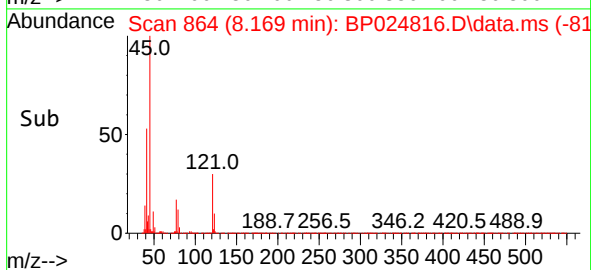
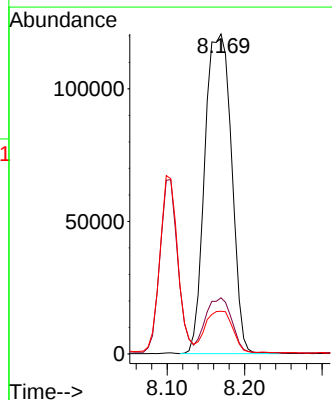
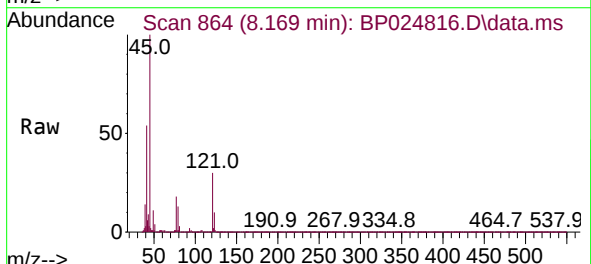
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

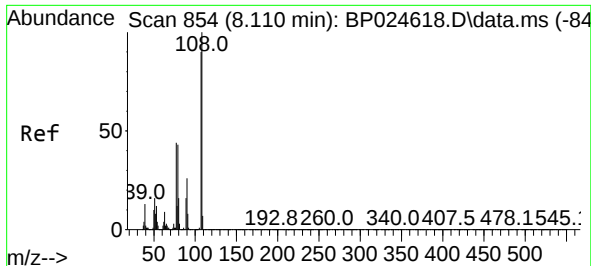
Tgt Ion: 79 Resp: 245450
Ion Ratio Lower Upper
79 100
108 78.7 60.8 91.2
77 63.2 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.714 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 45 Resp: 288128
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 13.3 0.0 34.0

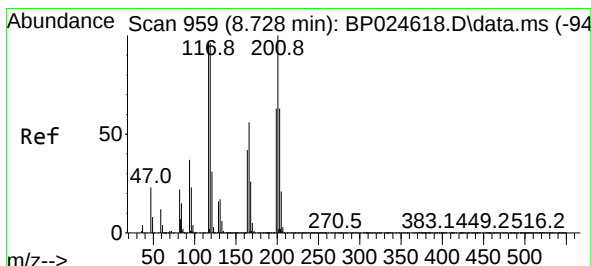
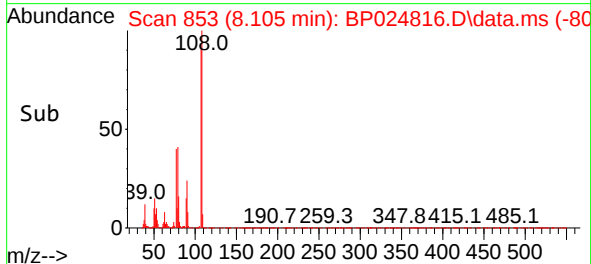
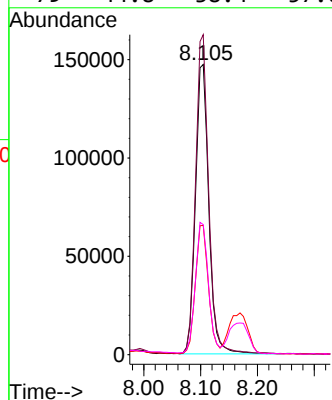
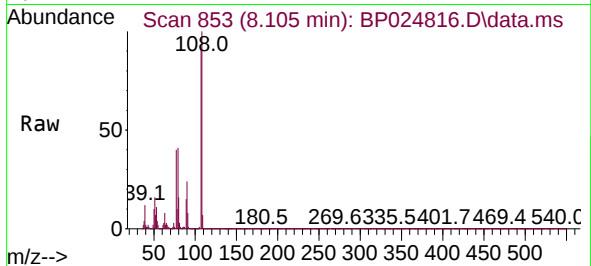




#17
2-Methylphenol
Concen: 42.066 ng
RT: 8.105 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

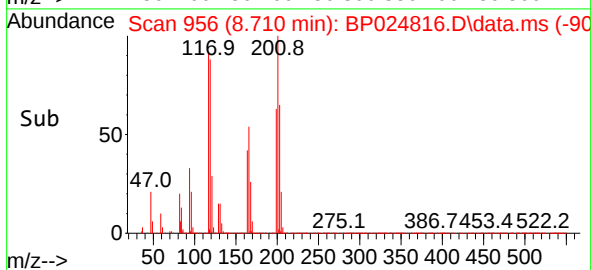
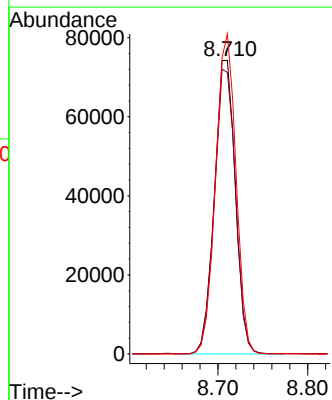
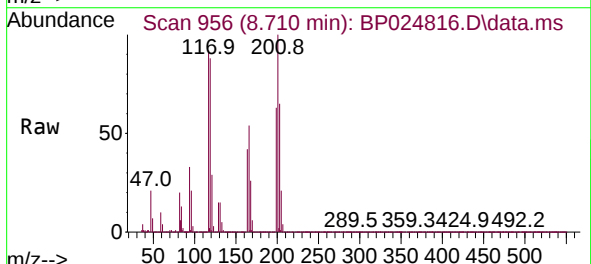
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

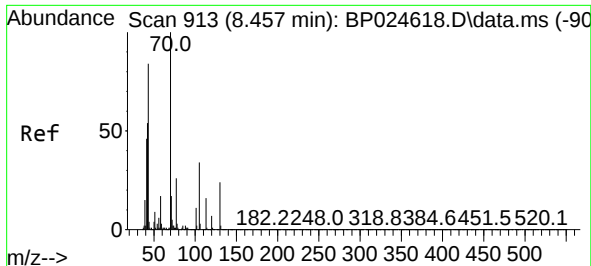
Tgt Ion:	107	Resp:	240618
Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.9	133.3
77	44.6	39.0	58.6
79	44.8	38.4	57.6



#18
Hexachloroethane
Concen: 39.508 ng
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:	117	Resp:	120406
Ion	Ratio	Lower	Upper
117	100		
119	95.9	79.4	119.0
201	109.0	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.053 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.000 min

Lab File: BP024816.D

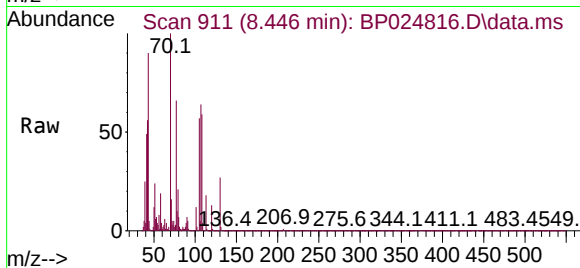
Acq: 28 May 2025 15:29

Instrument :

BNA_P

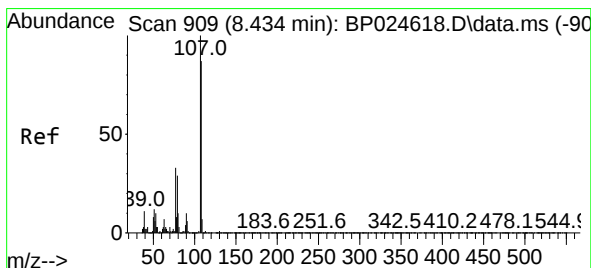
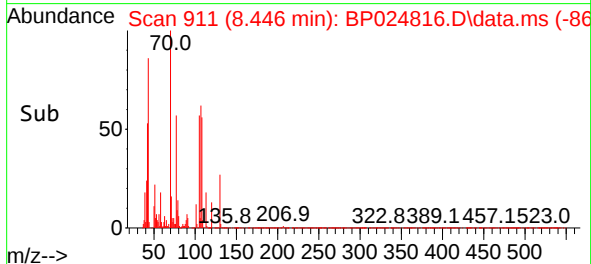
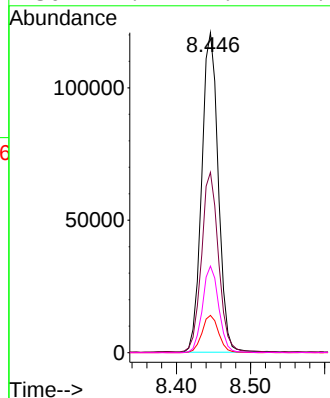
ClientSampleId :

TP03-MHMMS



Tgt Ion: 70 Resp: 187358

Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.0	64.6
101	11.6	8.7	13.1
130	27.1	19.4	29.0



#20

3+4-Methylphenols

Concen: 41.527 ng

RT: 8.428 min Scan# 908

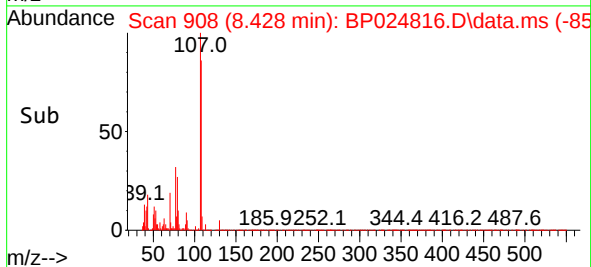
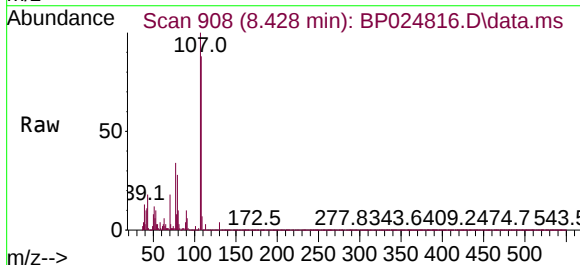
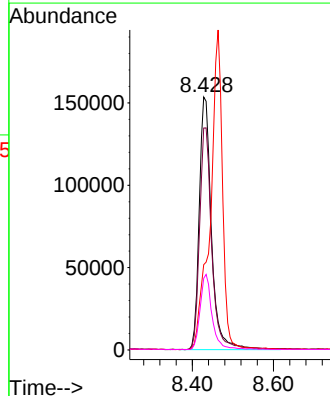
Delta R.T. 0.000 min

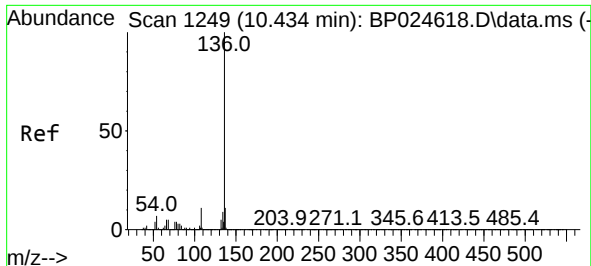
Lab File: BP024816.D

Acq: 28 May 2025 15:29

Tgt Ion: 107 Resp: 323115

Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.7	106.7
77	33.7	13.1	53.1
79	28.3	8.9	48.9

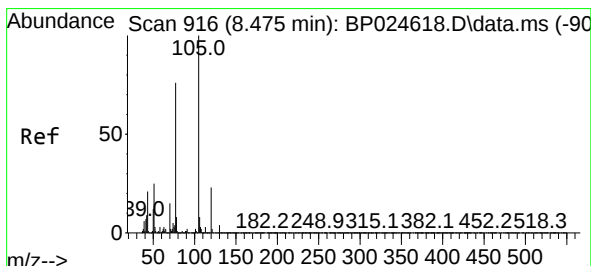
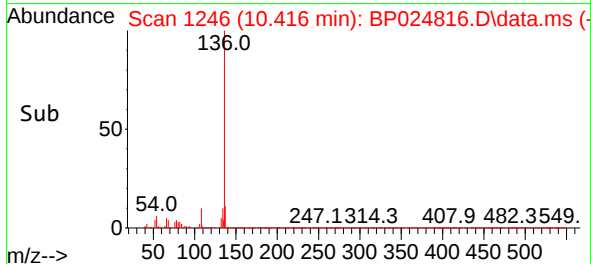
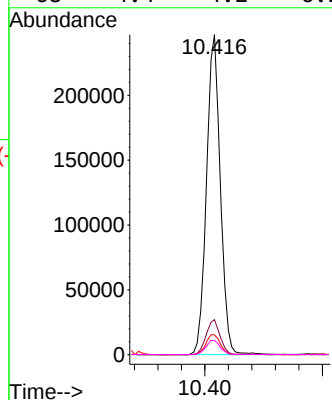
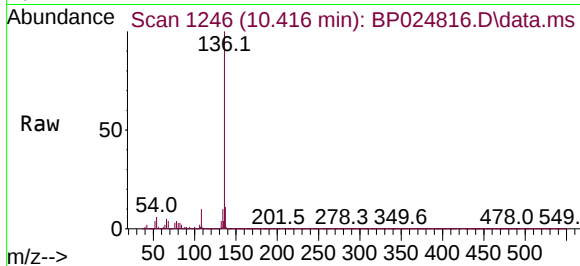




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

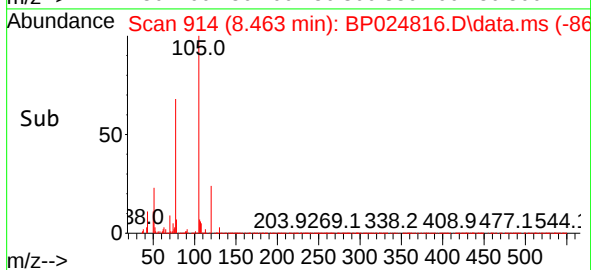
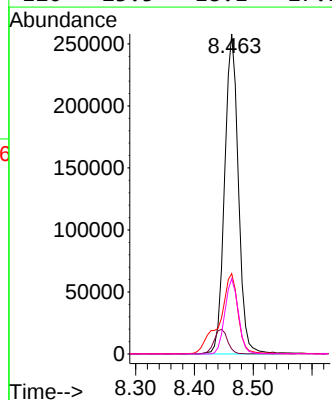
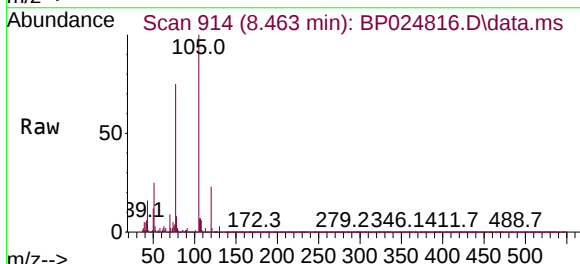
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

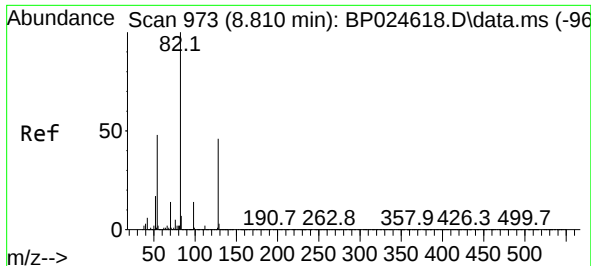
Tgt Ion:	136	Resp:	404168
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.2	5.5	8.3
68	4.4	4.2	6.2



#22
Acetophenone
Concen: 41.454 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:	105	Resp:	418512
Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.0	3.0#
51	25.1	20.4	30.6
120	23.5	18.1	27.1

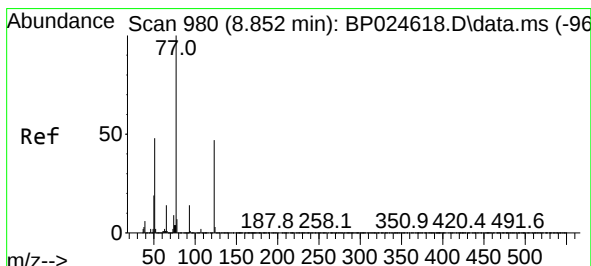
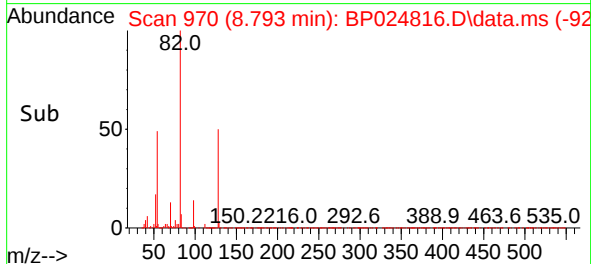
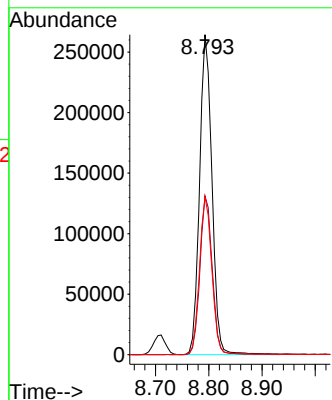
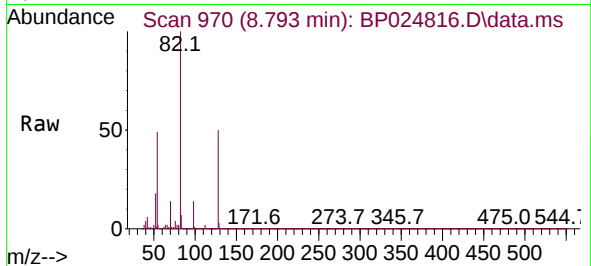




#23
Nitrobenzene-d5
Concen: 53.293 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

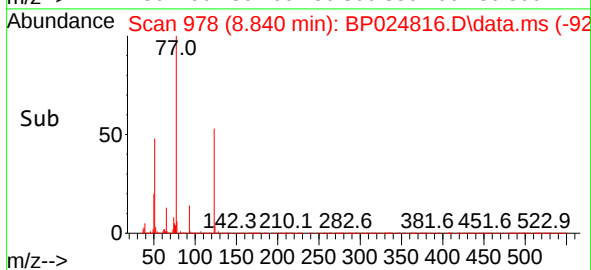
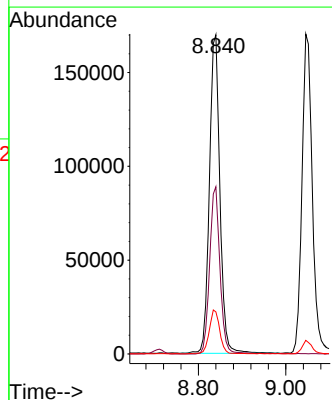
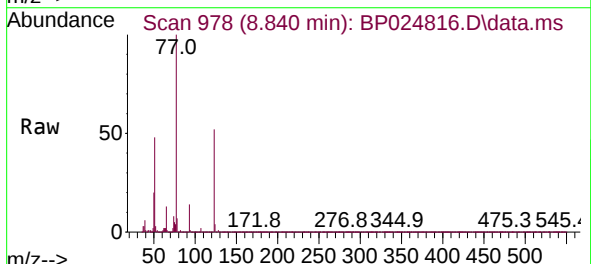
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

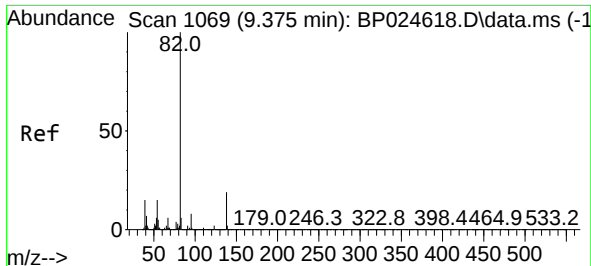
Tgt Ion: 82 Resp: 426296
Ion Ratio Lower Upper
82 100
128 49.6 37.0 55.4
54 49.3 38.7 58.1



#24
Nitrobenzene
Concen: 40.330 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 77 Resp: 283897
Ion Ratio Lower Upper
77 100
123 52.4 37.4 56.0
65 13.2 11.3 16.9

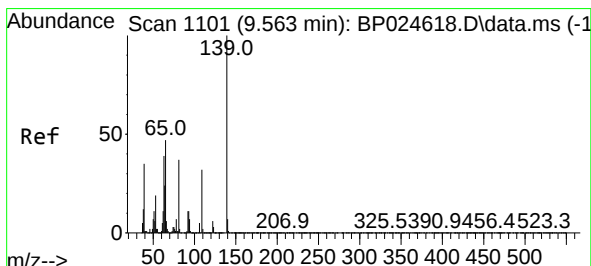
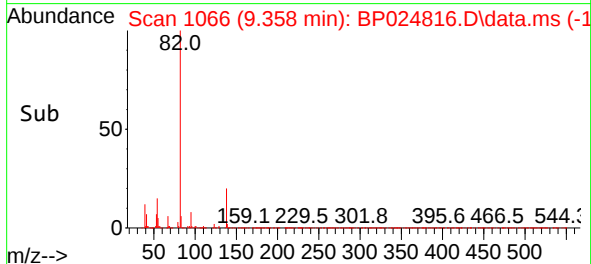
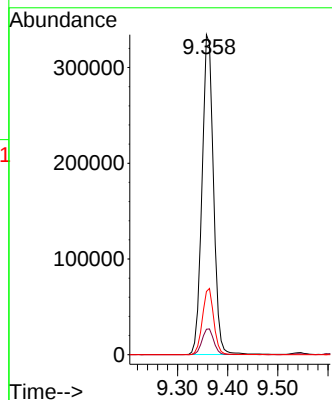
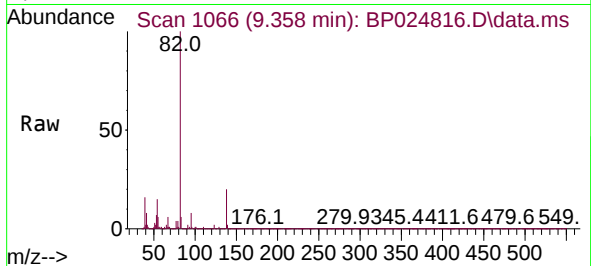




#25
Isophorone
Concen: 38.153 ng
RT: 9.358 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

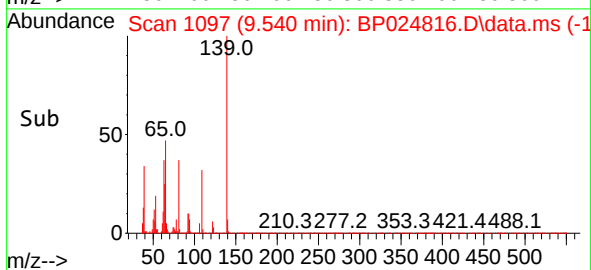
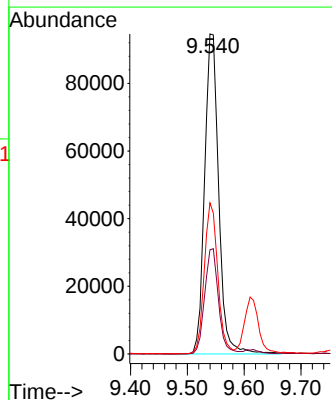
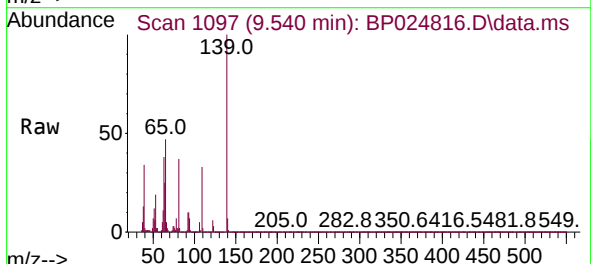
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

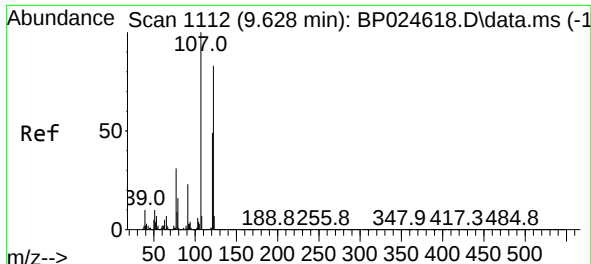
Tgt Ion: 82 Resp: 529399
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 47.160 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 139 Resp: 162675
Ion Ratio Lower Upper
139 100
109 32.5 25.9 38.9
65 47.2 37.9 56.9

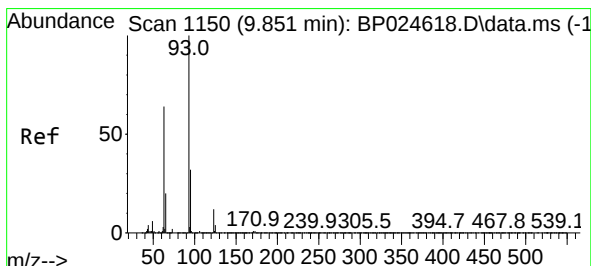
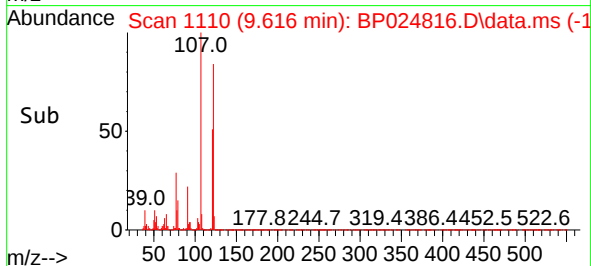
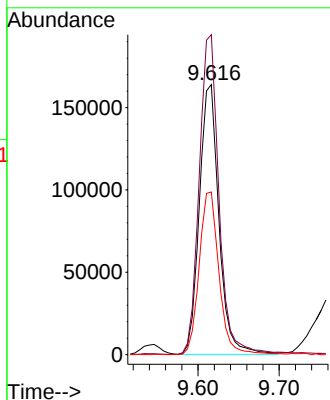
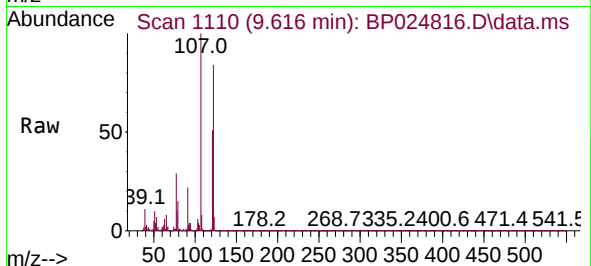




#27
2,4-Dimethylphenol
Concen: 45.161 ng
RT: 9.616 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

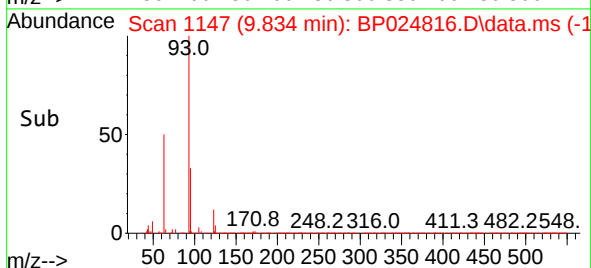
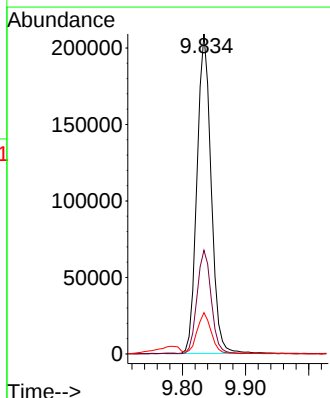
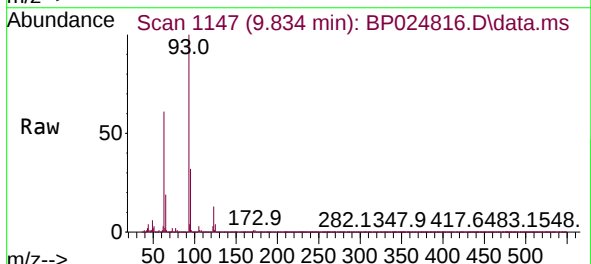
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

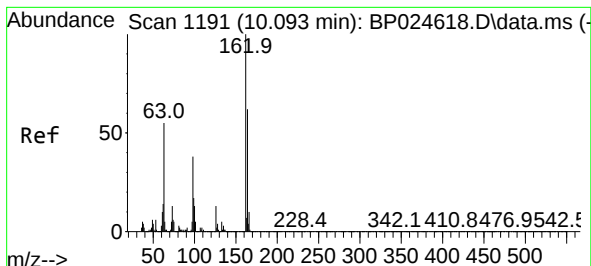
Tgt Ion:122 Resp: 274654
Ion Ratio Lower Upper
122 100
107 118.5 96.2 144.2
121 60.3 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.185 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion: 93 Resp: 324831
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 12.9 9.7 14.5

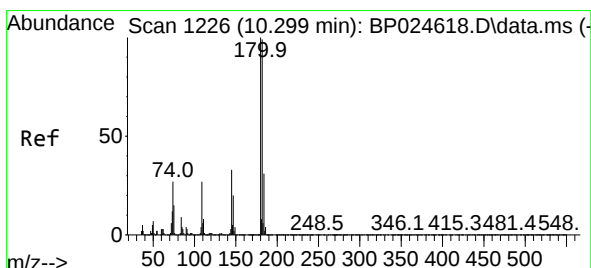
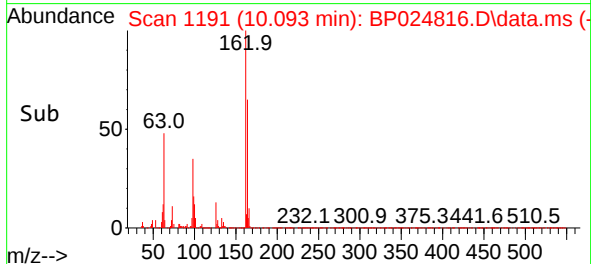
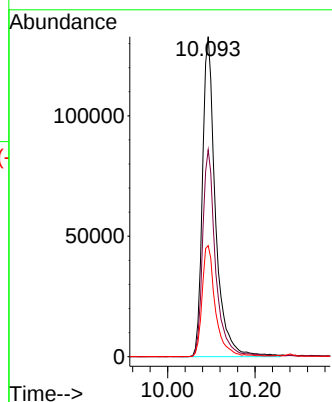
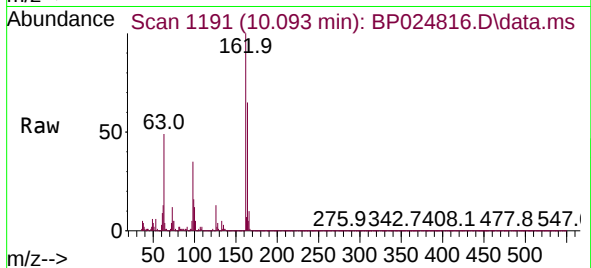




#29
2,4-Dichlorophenol
Concen: 46.943 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

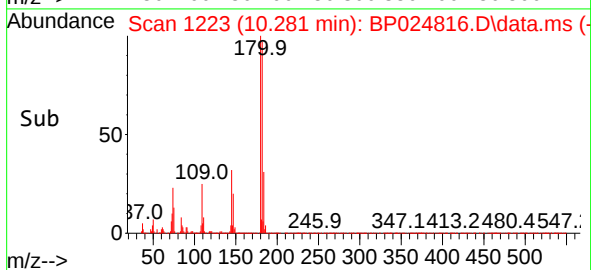
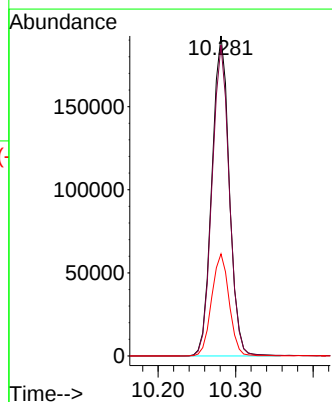
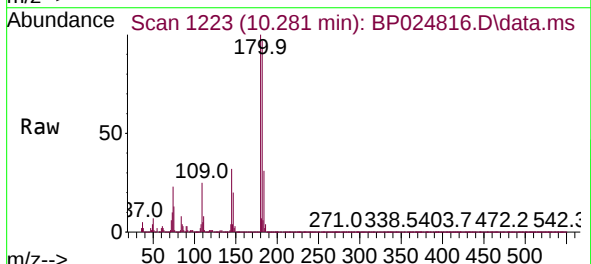
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

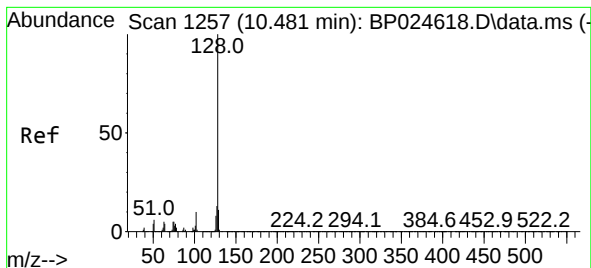
Tgt Ion:162 Resp: 276655
Ion Ratio Lower Upper
162 100
164 64.7 42.3 82.3
98 34.7 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 45.172 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:180 Resp: 300000
Ion Ratio Lower Upper
180 100
182 97.1 79.0 118.4
145 31.9 26.6 39.8

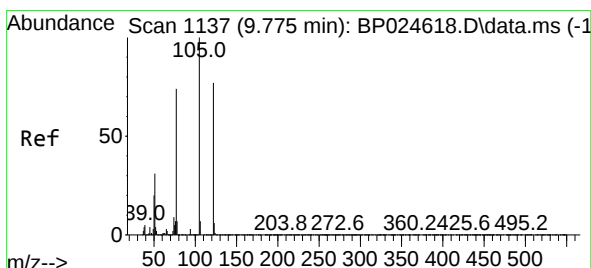
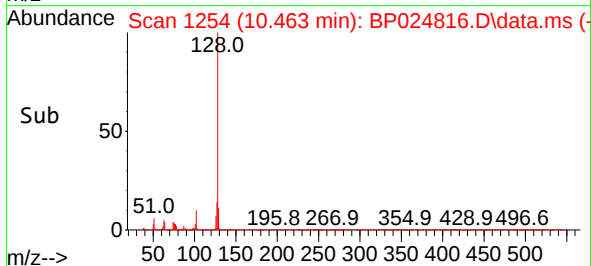
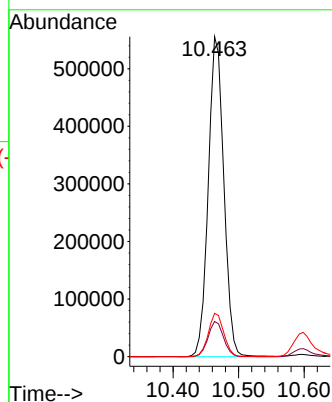
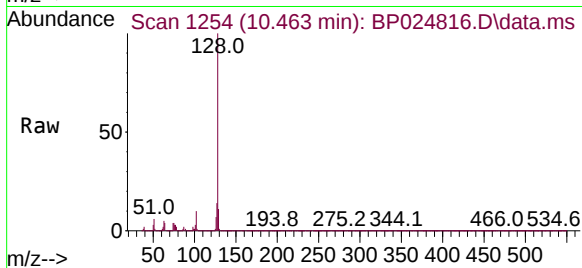




#31
Naphthalene
Concen: 43.727 ng
RT: 10.463 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

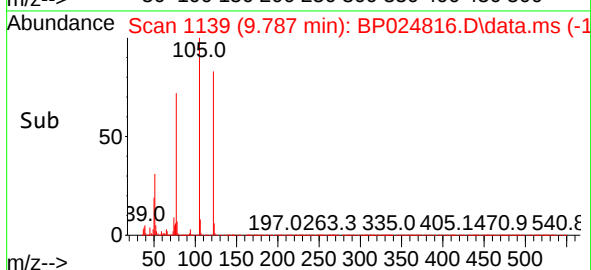
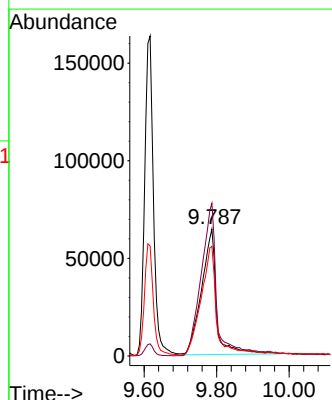
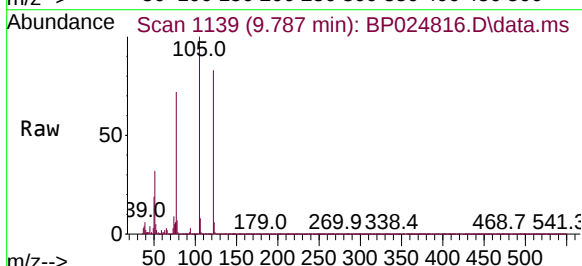
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

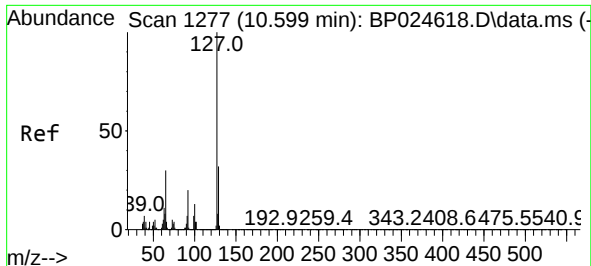
Tgt Ion:128 Resp: 915833
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 44.554 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:122 Resp: 185943
Ion Ratio Lower Upper
122 100
105 120.4 106.9 146.9
77 86.4 75.1 115.1

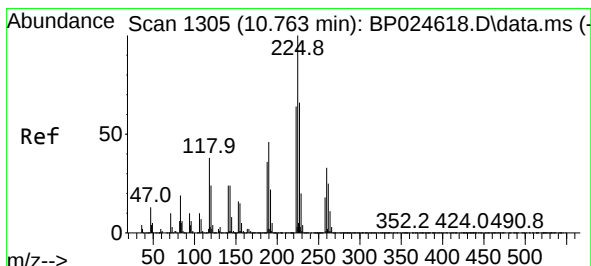
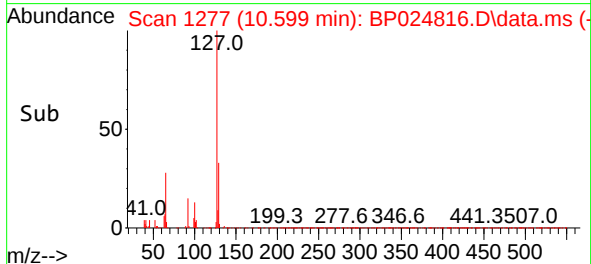
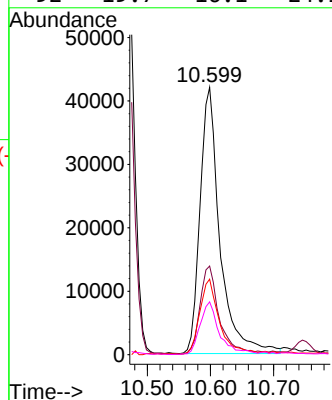
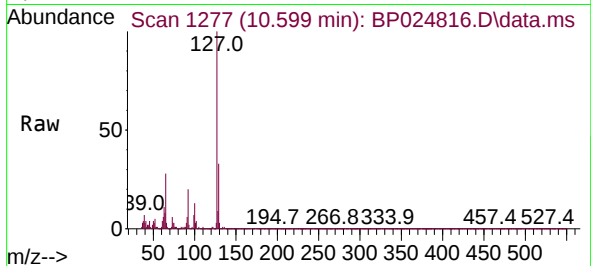




#33
4-Chloroaniline
Concen: 10.883 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

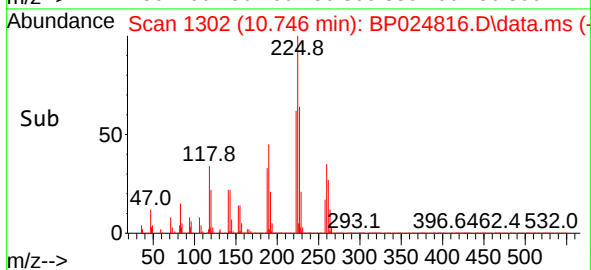
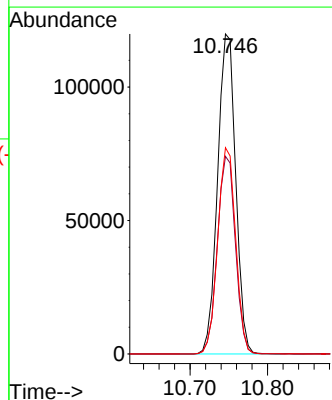
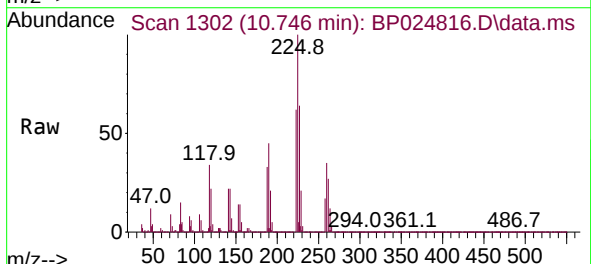
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

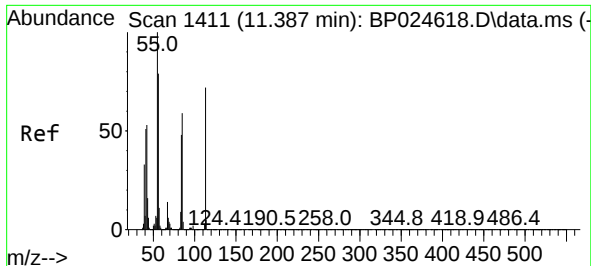
Tgt Ion:	127	Resp:	91975
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	28.2	23.9	35.9
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.181 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:	225	Resp:	194382
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.6
227	64.4	53.1	79.7

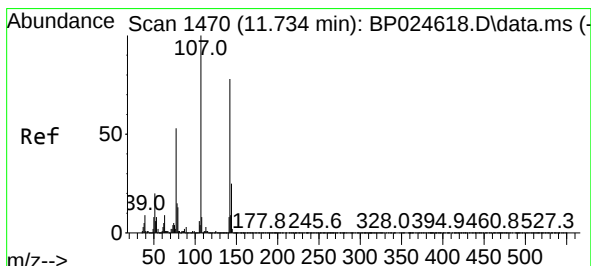
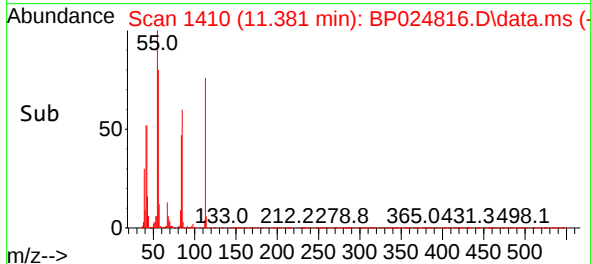
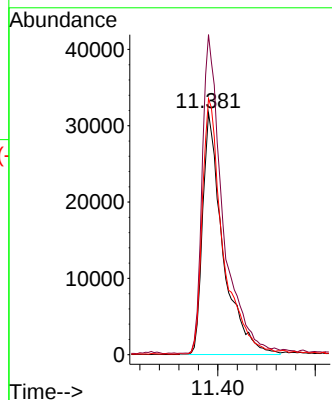
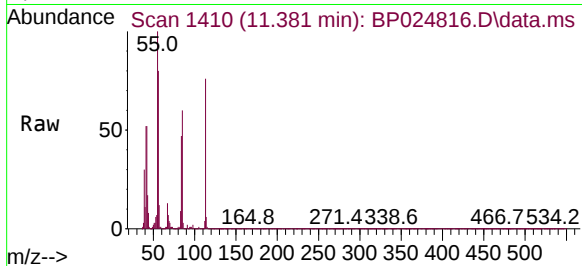




#35
Caprolactam
Concen: 42.943 ng
RT: 11.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

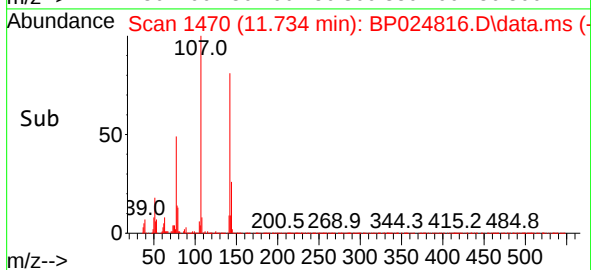
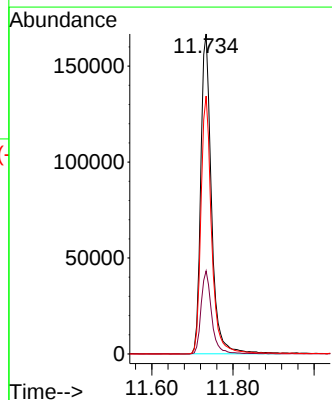
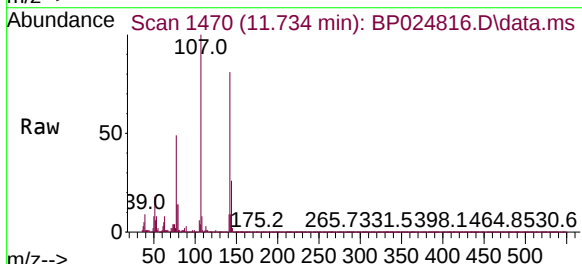
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

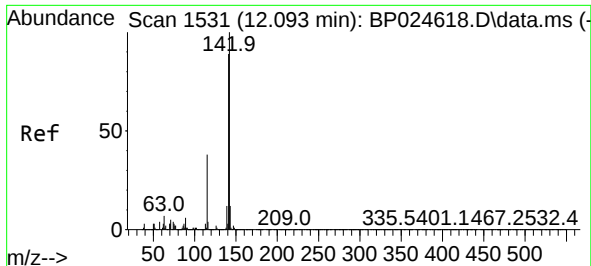
Tgt Ion	Ratio	Lower	Upper
113	100		
55	132.4	119.0	159.0
56	105.9	90.3	130.3



#36
4-Chloro-3-methylphenol
Concen: 42.580 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.1	30.1
142	80.6	62.1	93.1

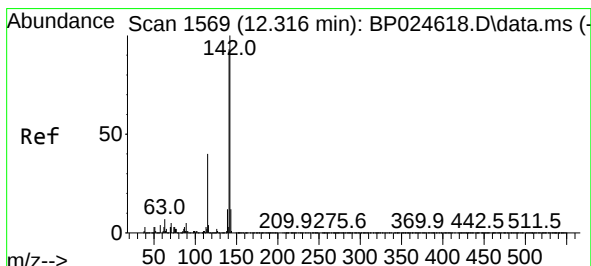
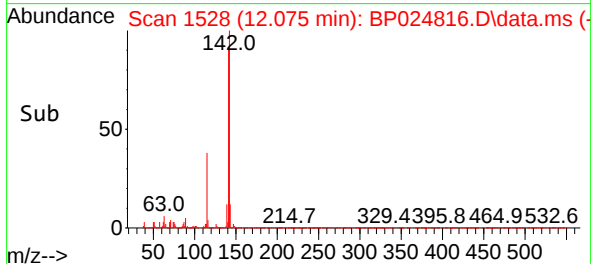
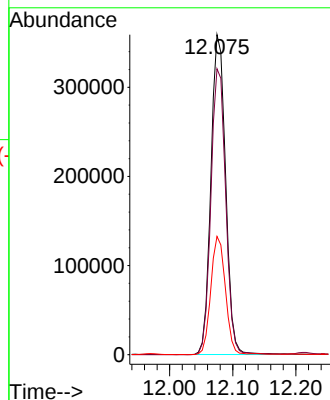
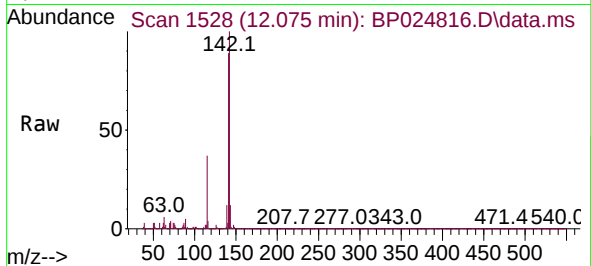




#37
2-Methylnaphthalene
Concen: 42.717 ng
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

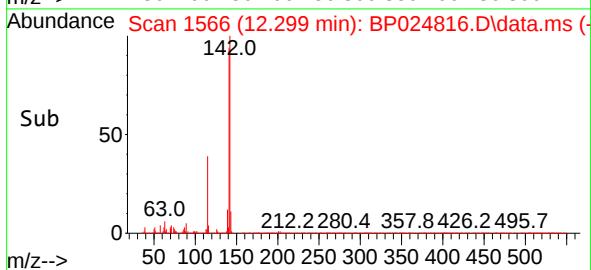
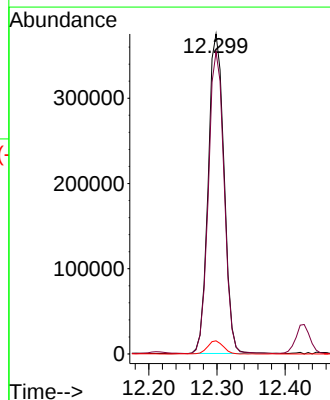
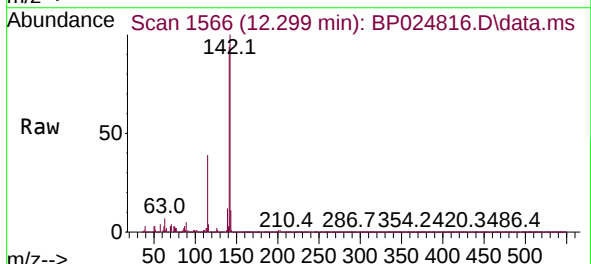
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

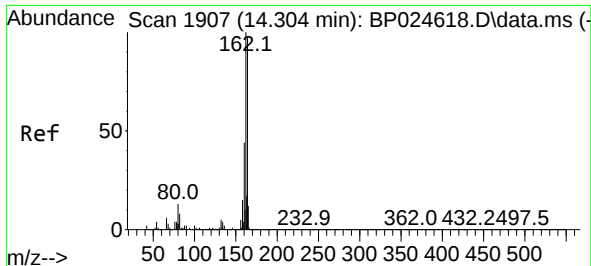
Tgt Ion:142 Resp: 579312
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8
115 37.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.707 ng
RT: 12.299 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:142 Resp: 605196
Ion Ratio Lower Upper
142 100
141 94.3 74.7 112.1
116 4.1 3.4 5.2

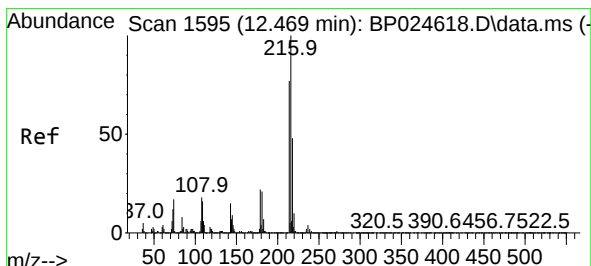
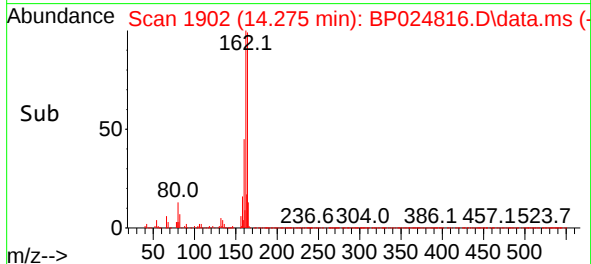
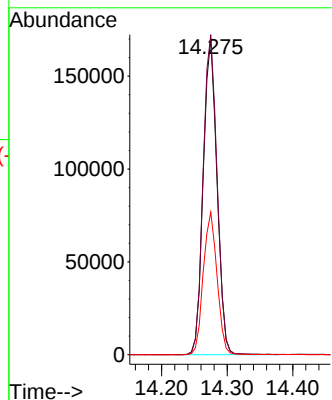
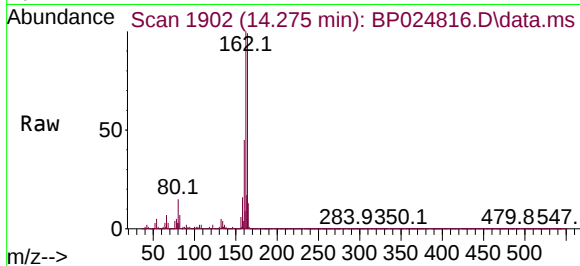




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

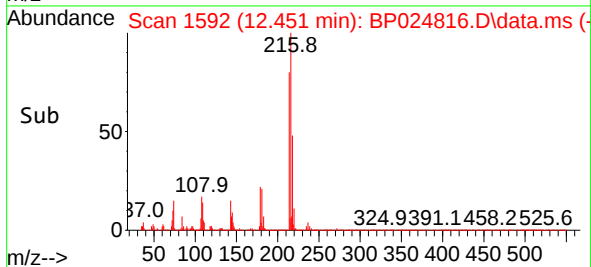
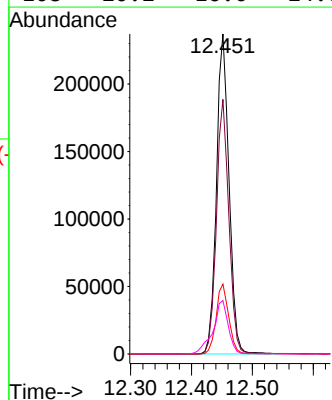
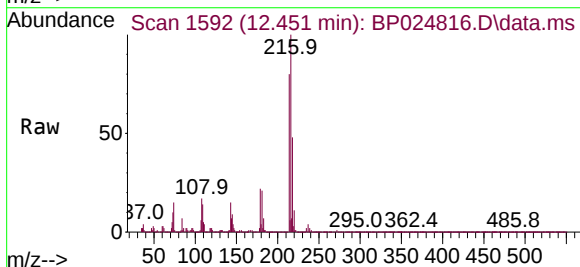
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

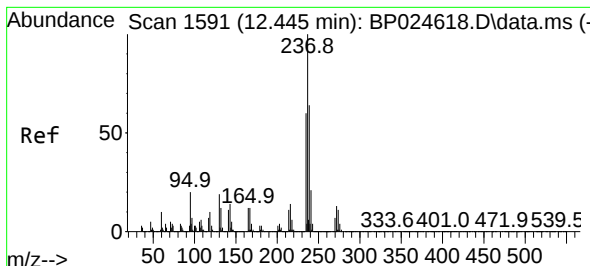
Tgt Ion:164 Resp: 249260
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 45.0 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.796 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:216 Resp: 338722
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 21.9 17.7 26.5
108 20.2 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 96.820 ng

RT: 12.428 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

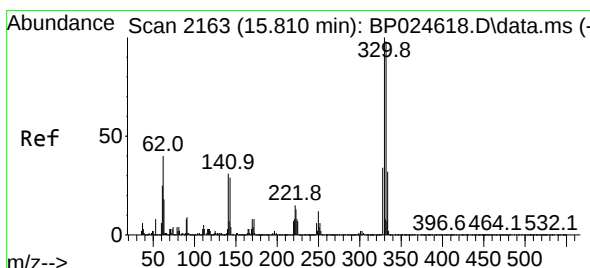
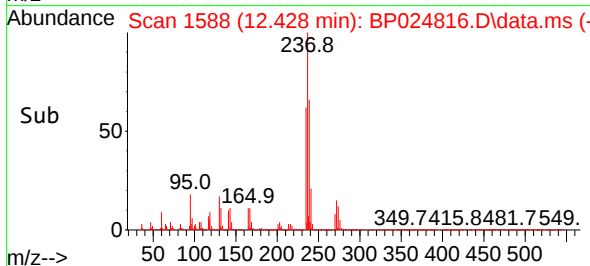
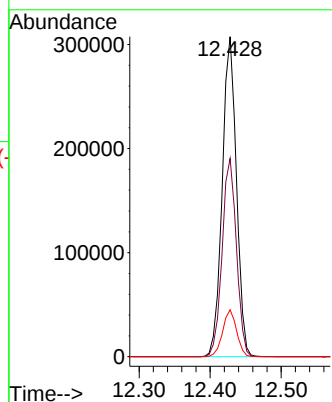
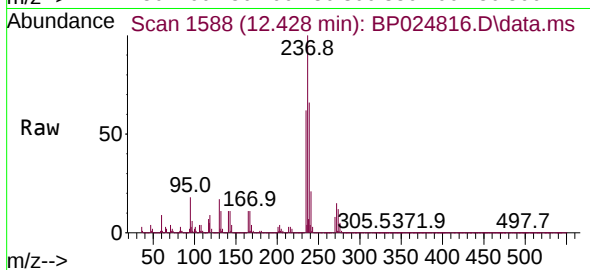
Tgt Ion:237 Resp: 424946

Ion Ratio Lower Upper

237 100

235 62.0 39.9 79.9

272 14.6 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 121.608 ng

RT: 15.792 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

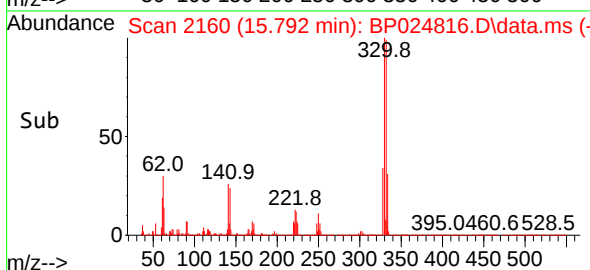
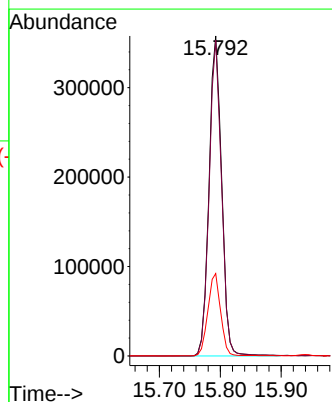
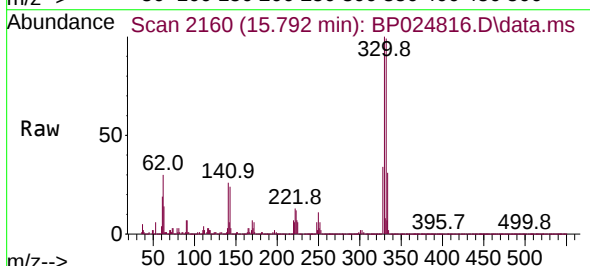
Tgt Ion:330 Resp: 513877

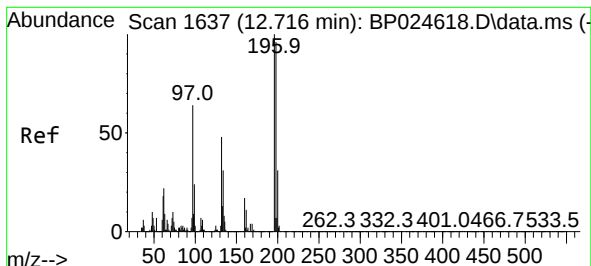
Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 26.1 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 48.039 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

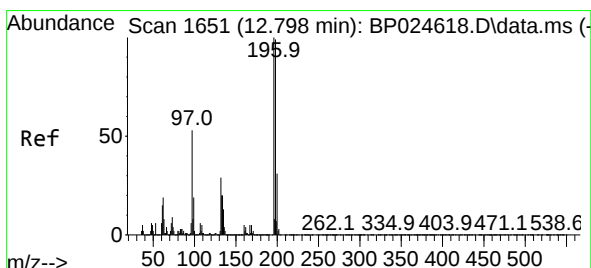
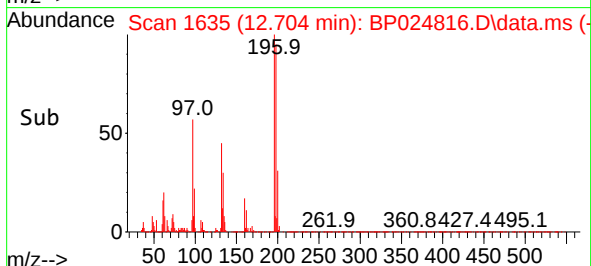
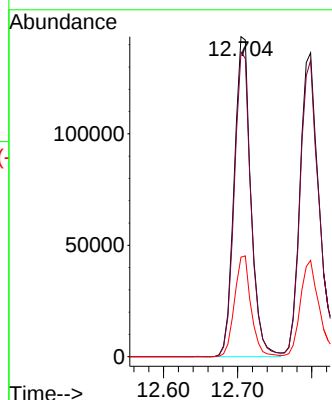
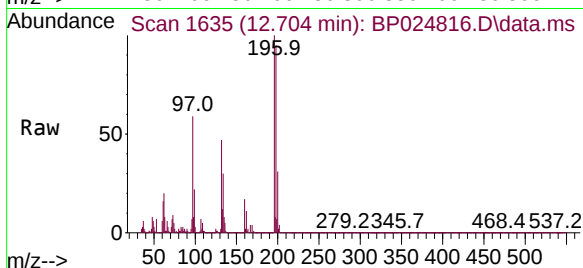
Tgt Ion:196 Resp: 225221

Ion Ratio Lower Upper

196 100

198 95.2 76.9 115.3

200 31.1 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 48.083 ng

RT: 12.799 min Scan# 1651

Delta R.T. 0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Tgt Ion:196 Resp: 250928

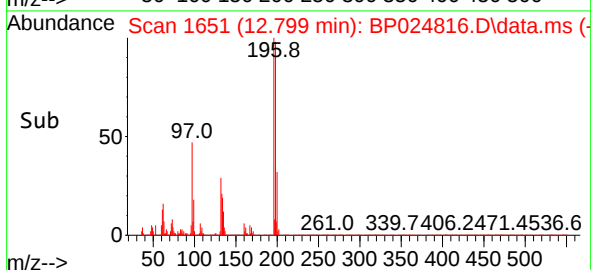
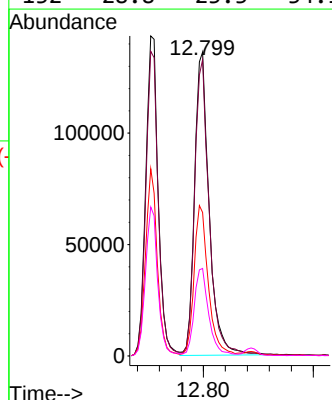
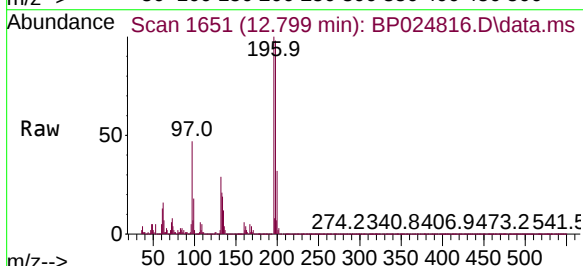
Ion Ratio Lower Upper

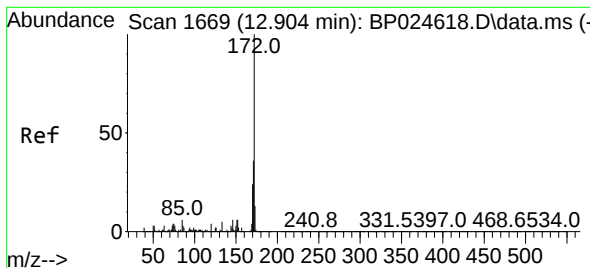
196 100

198 97.5 79.2 118.8

97 47.2 42.3 63.5

132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 50.363 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

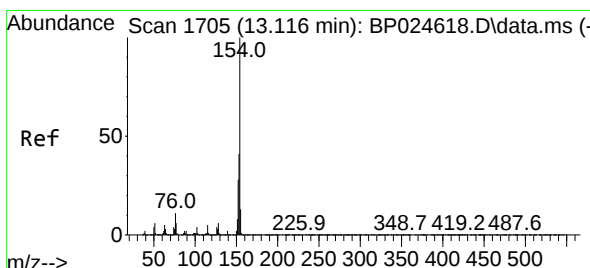
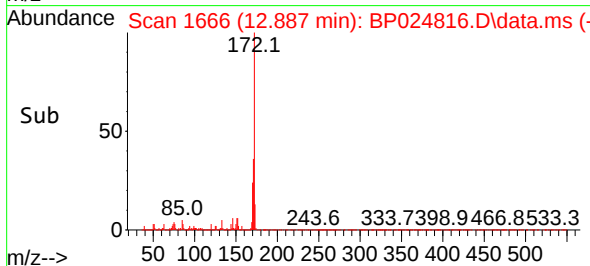
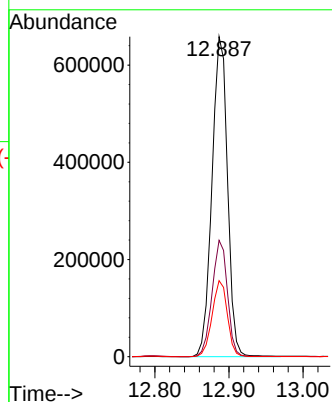
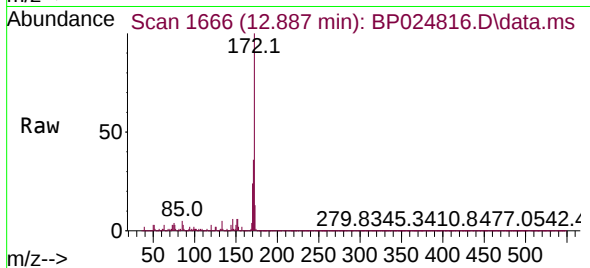
Tgt Ion:172 Resp: 958183

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.829 ng

RT: 13.099 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

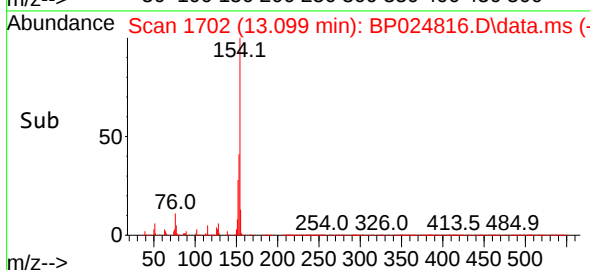
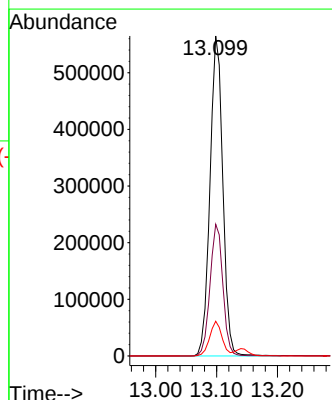
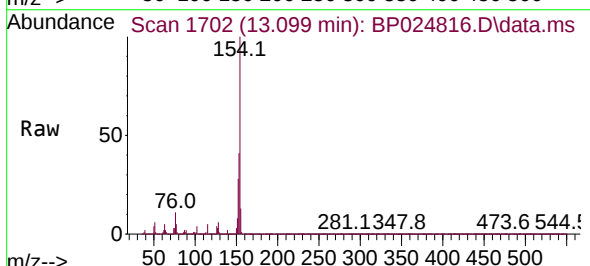
Tgt Ion:154 Resp: 825894

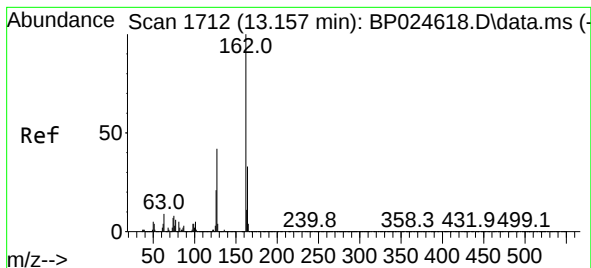
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 10.8 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.859 ng

RT: 13.146 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

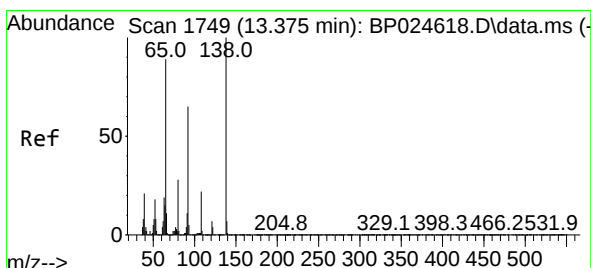
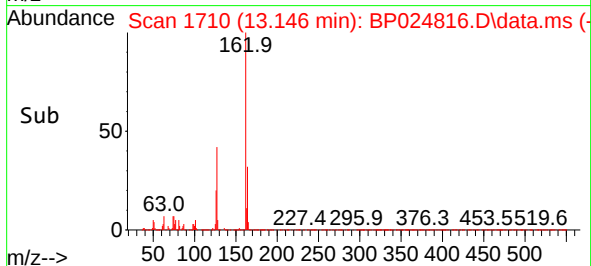
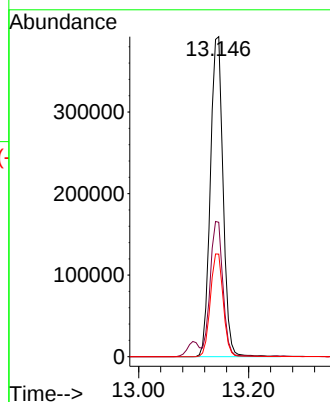
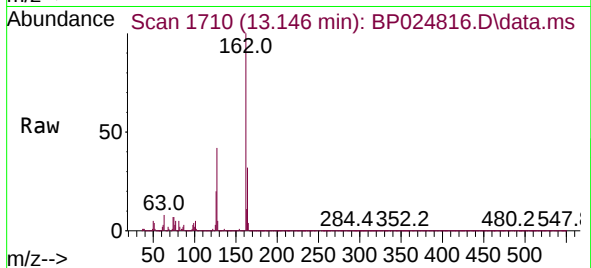
Tgt Ion:162 Resp: 630145

Ion Ratio Lower Upper

162 100

127 42.0 33.8 50.6

164 32.1 26.0 39.0



#48

2-Nitroaniline

Concen: 42.417 ng

RT: 13.357 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

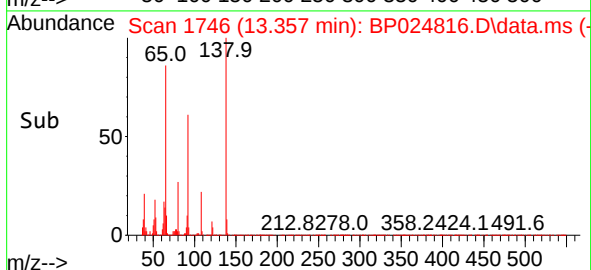
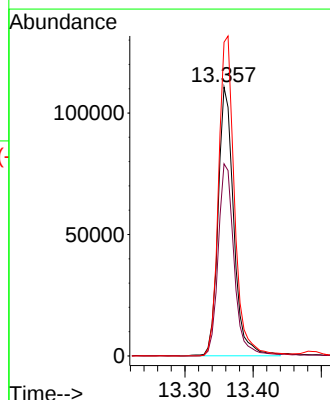
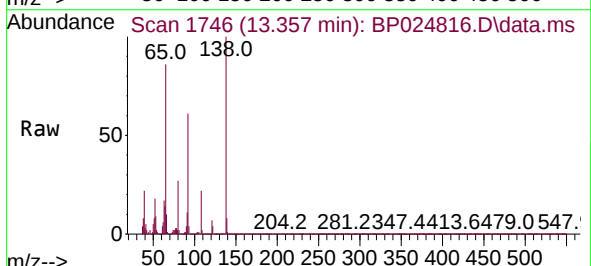
Tgt Ion: 65 Resp: 176403

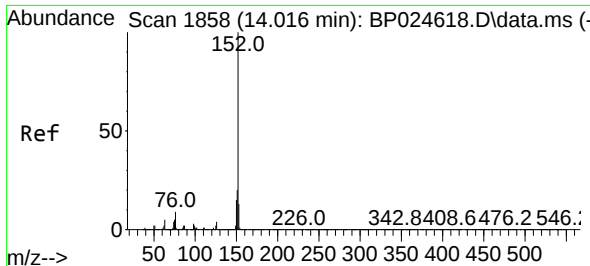
Ion Ratio Lower Upper

65 100

92 71.5 58.7 88.1

138 116.7 90.2 135.2

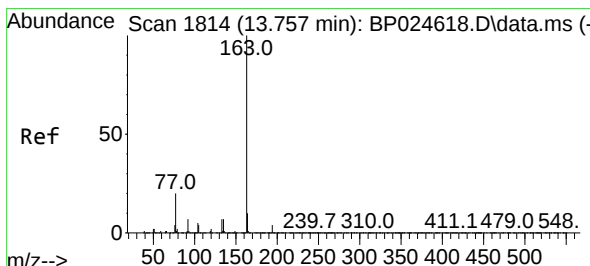
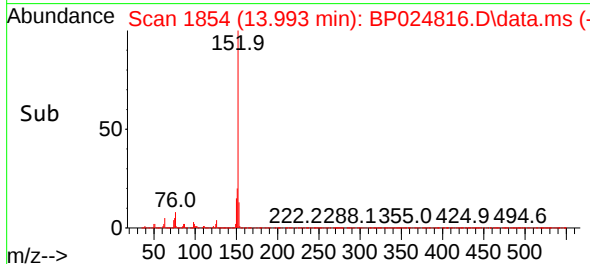
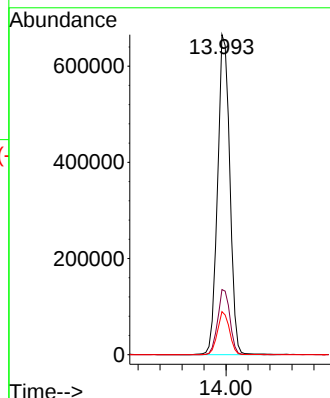
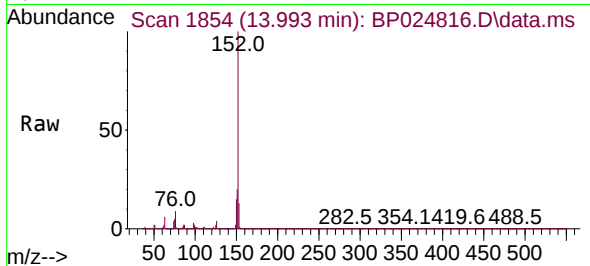




#49
Acenaphthylene
Concen: 43.719 ng
RT: 13.993 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

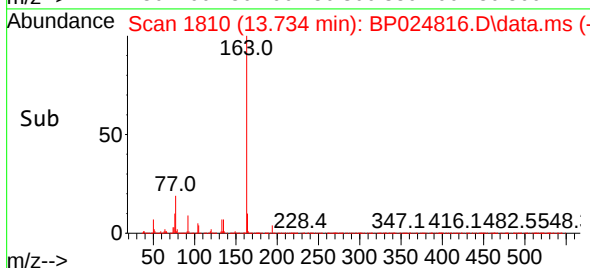
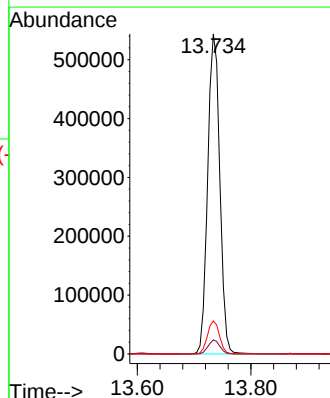
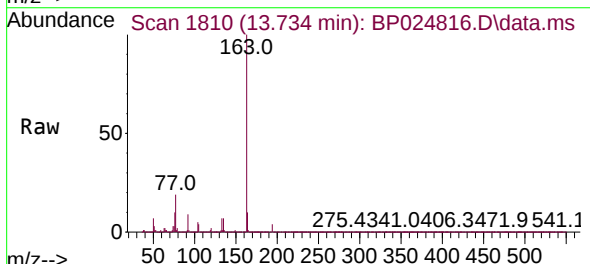
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

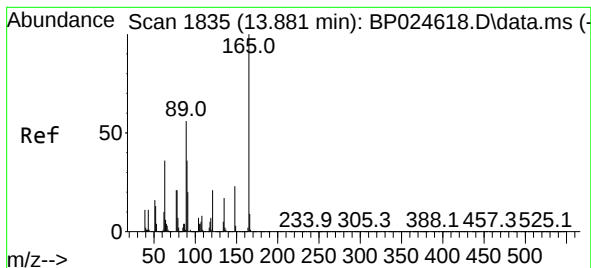
Tgt Ion:152 Resp: 1027713
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.2 15.4



#50
Dimethylphthalate
Concen: 42.068 ng
RT: 13.734 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:163 Resp: 799247
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.1 12.1

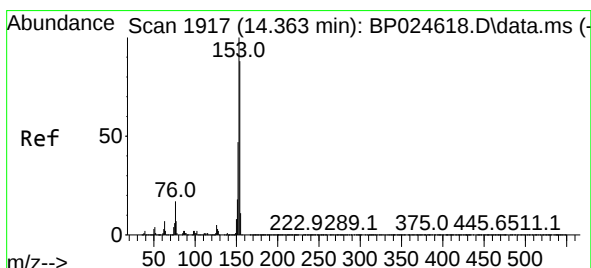
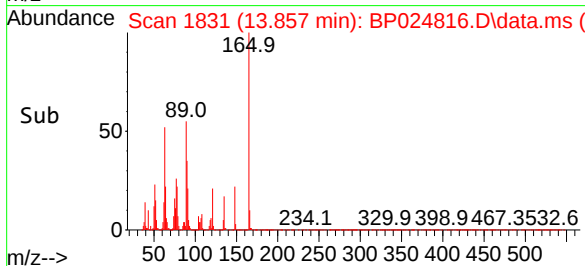
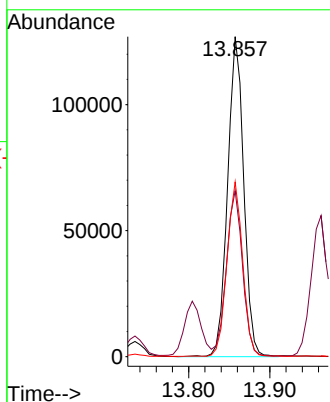
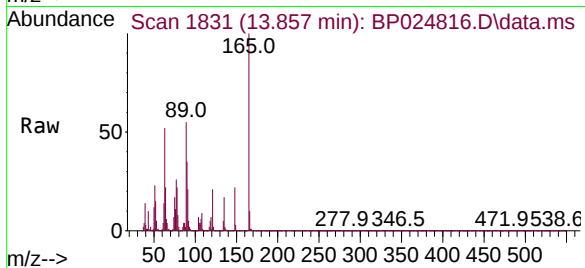




#51
2,6-Dinitrotoluene
Concen: 43.614 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

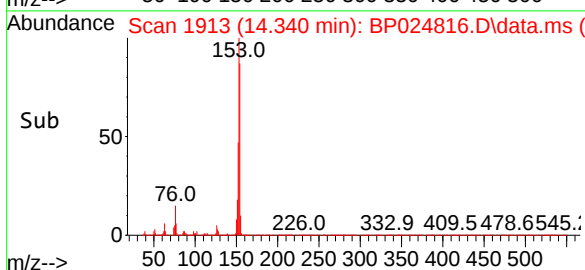
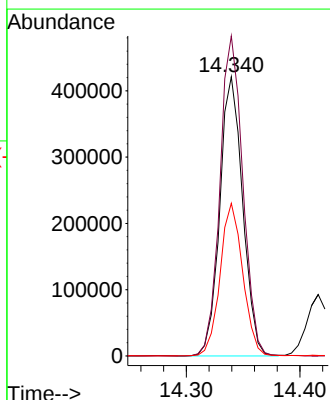
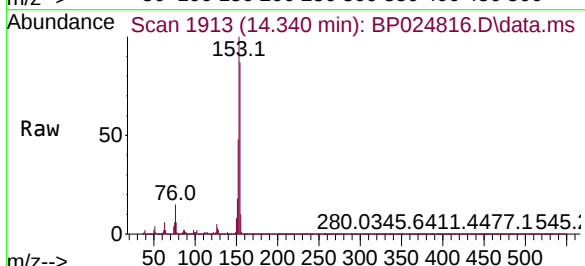
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

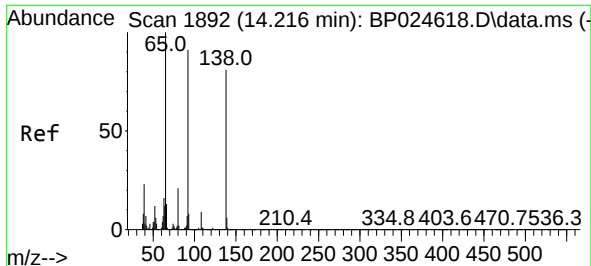
Tgt Ion:165 Resp: 174996
Ion Ratio Lower Upper
165 100
63 51.8 42.4 63.6
89 54.6 44.8 67.2



#52
Acenaphthene
Concen: 43.617 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:154 Resp: 589451
Ion Ratio Lower Upper
154 100
153 114.6 91.0 136.4
152 54.7 42.9 64.3

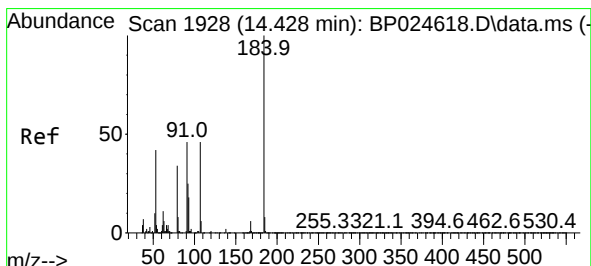
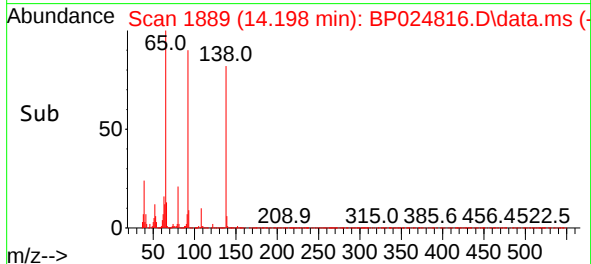
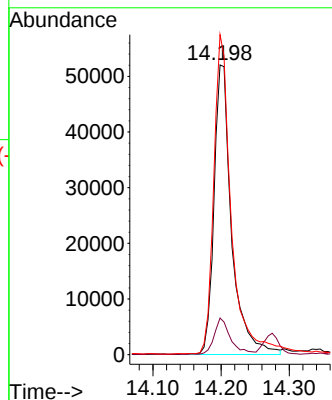
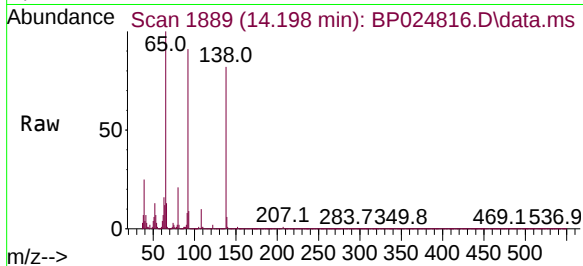




#53
3-Nitroaniline
Concen: 22.815 ng
RT: 14.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

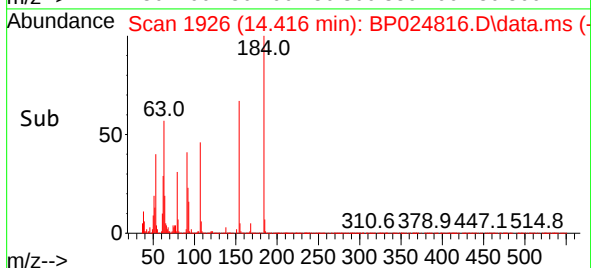
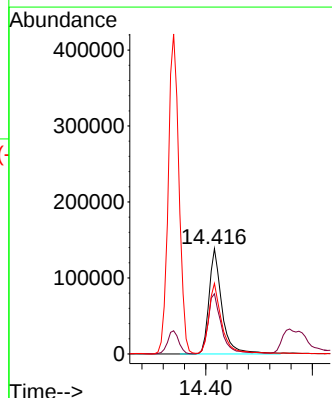
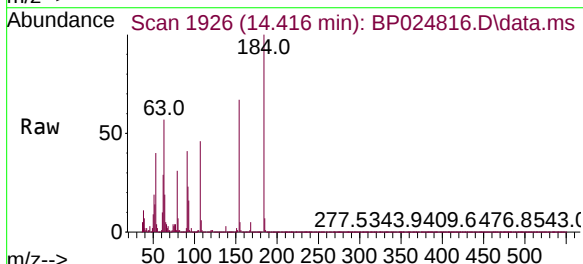
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

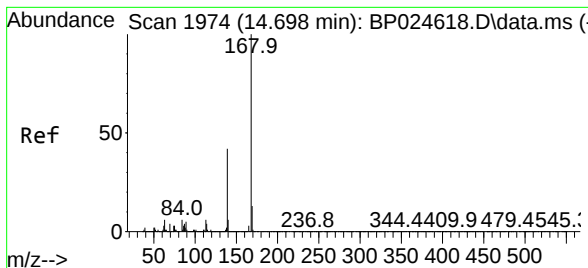
Tgt Ion:138 Resp: 93471
Ion Ratio Lower Upper
138 100
108 12.6 9.0 13.4
92 110.4 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 90.973 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:184 Resp: 232593
Ion Ratio Lower Upper
184 100
63 57.1 51.3 76.9
154 67.0 53.5 80.3

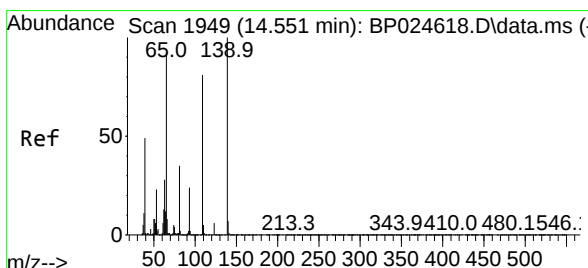
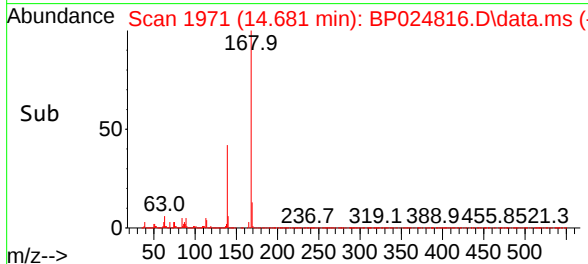
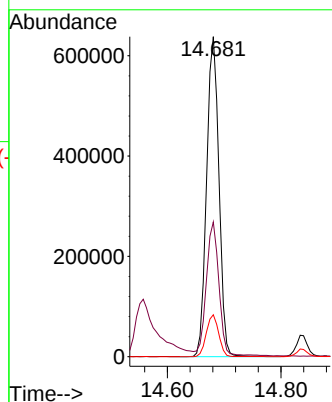
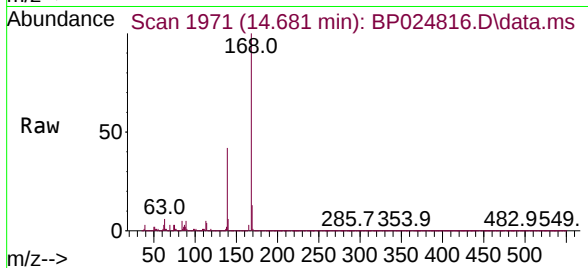




#55
Dibenzofuran
Concen: 44.383 ng
RT: 14.681 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

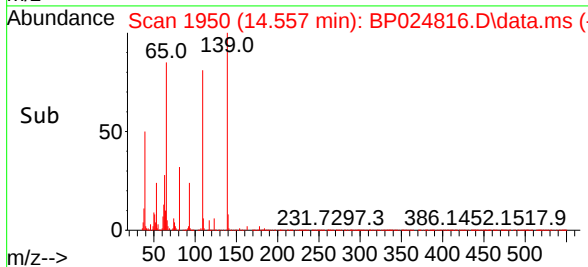
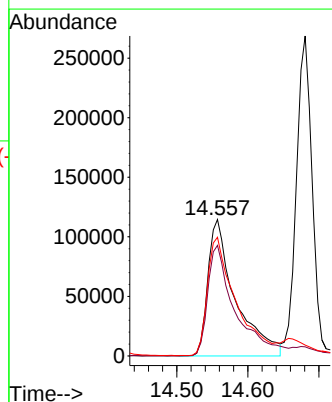
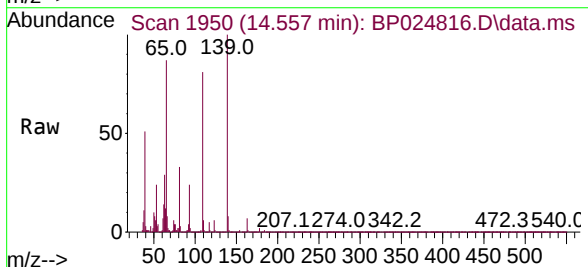
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

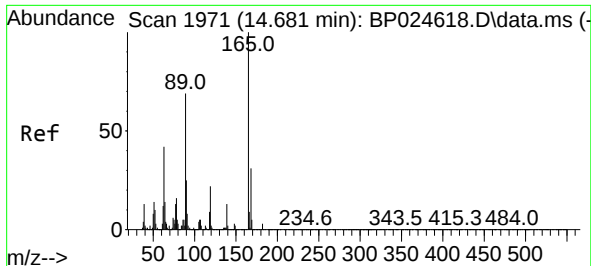
Tgt Ion:168 Resp: 956708
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 86.204 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:139 Resp: 306991
Ion Ratio Lower Upper
139 100
109 81.0 61.4 101.4
65 87.0 72.2 112.2

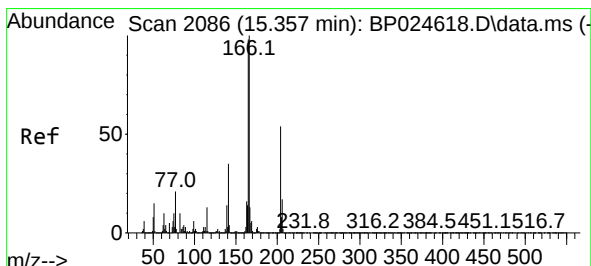
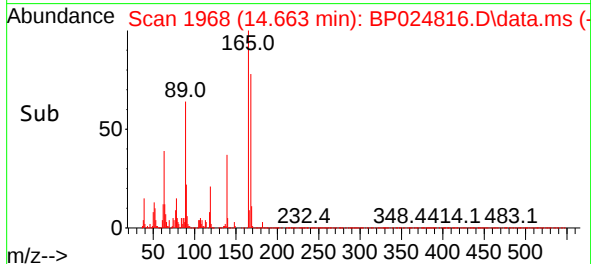
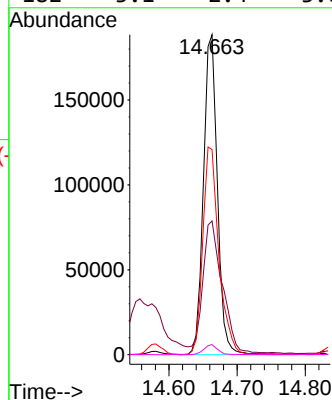
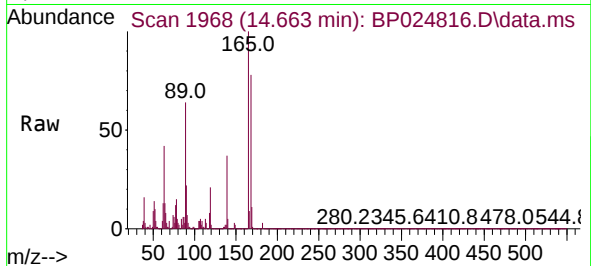




#57
2,4-Dinitrotoluene
Concen: 47.392 ng
RT: 14.663 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

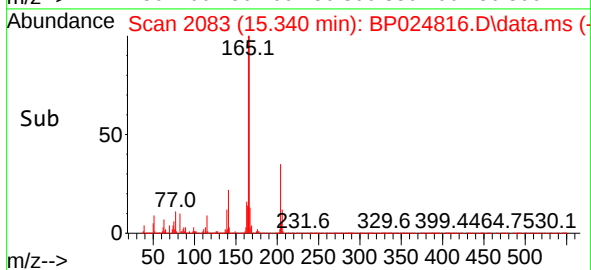
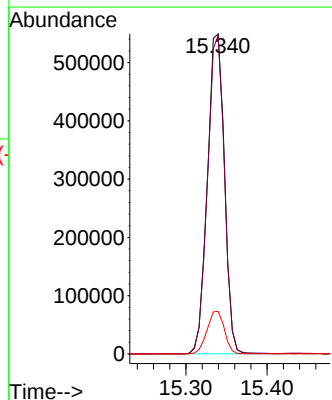
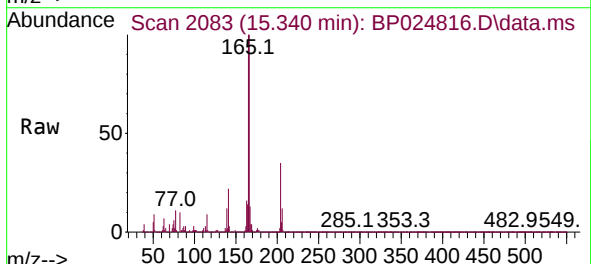
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

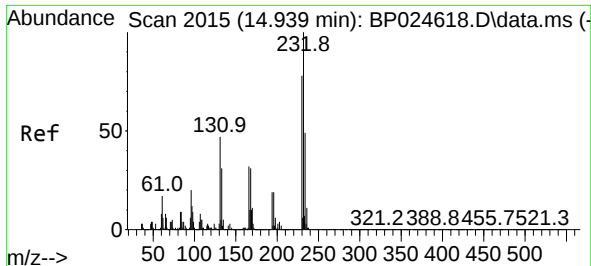
Tgt Ion:	165	Resp:	268088
Ion	Ratio	Lower	Upper
165	100		
63	41.8	33.8	50.6
89	64.1	55.6	83.4
182	3.1	2.4	3.6



#58
Fluorene
Concen: 45.496 ng
RT: 15.340 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:	166	Resp:	799650
Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.5	117.7
167	13.3	10.7	16.1

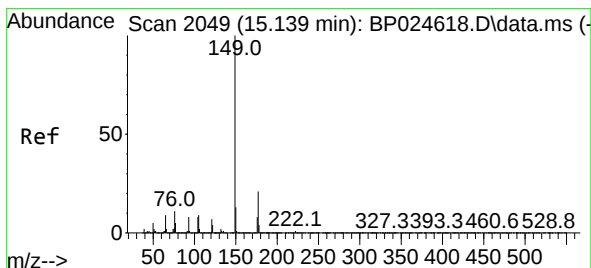
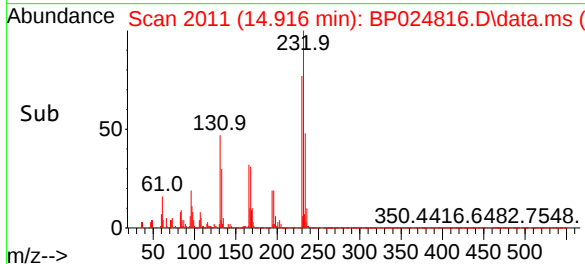
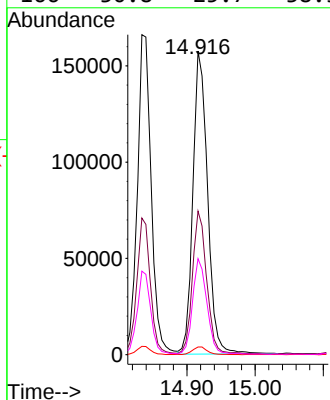
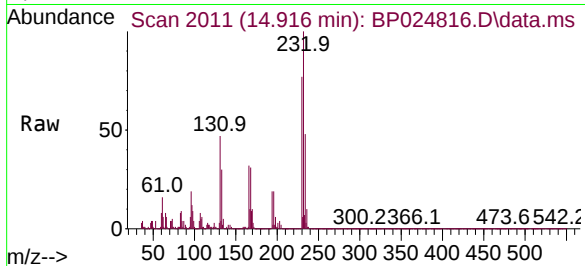




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.517 ng
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

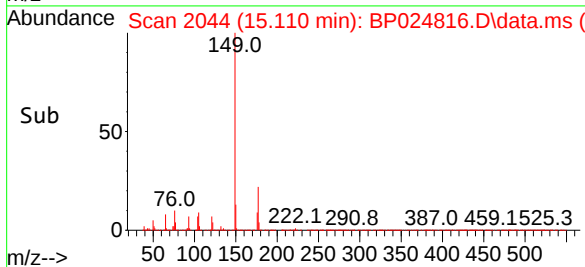
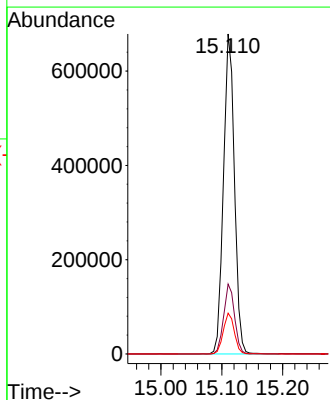
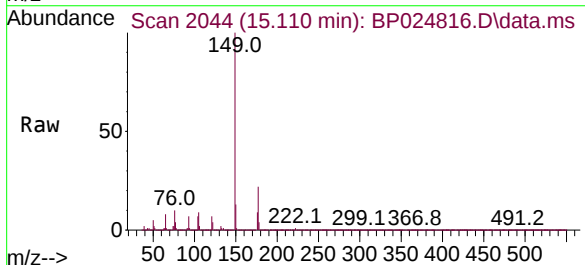
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

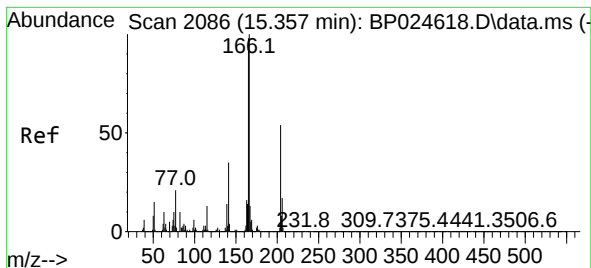
Tgt Ion:	232	Resp:	234874
Ion	Ratio	Lower	Upper
232	100		
131	46.2	39.5	59.3
130	2.7	2.2	3.4
166	30.8	25.7	38.5



#60
Diethylphthalate
Concen: 44.255 ng
RT: 15.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:	149	Resp:	849787
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.8	10.2	15.2

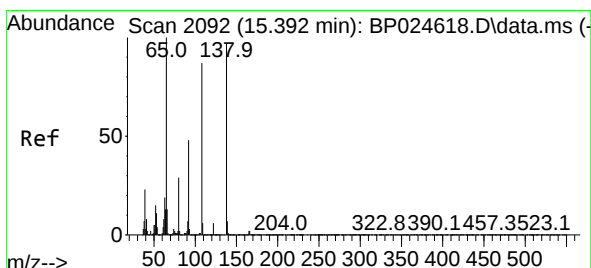
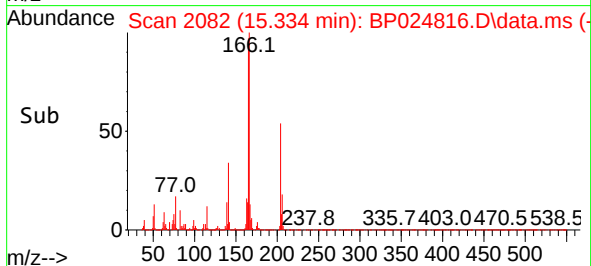
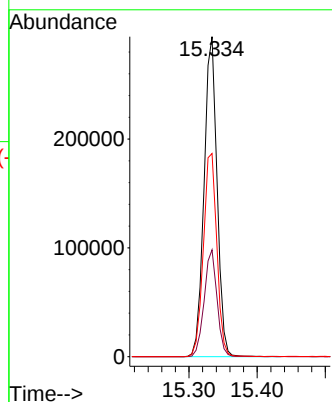
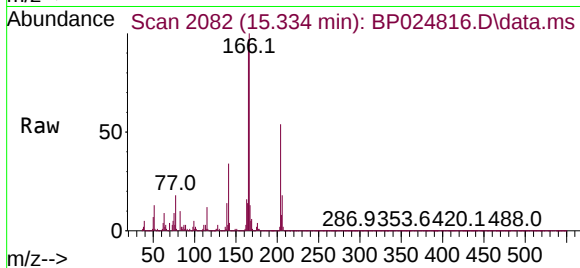




#61
4-Chlorophenyl-phenylether
Concen: 44.494 ng
RT: 15.334 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

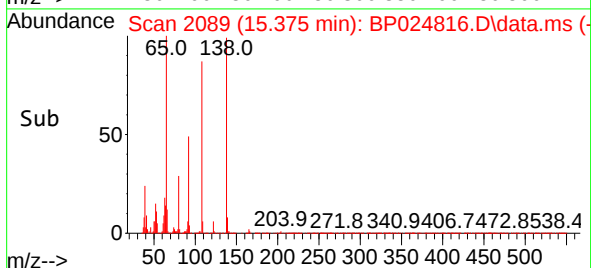
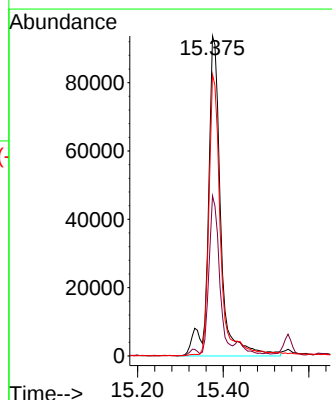
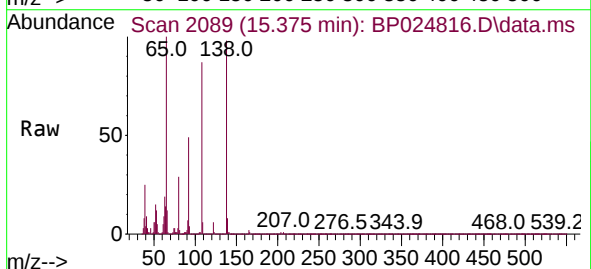
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

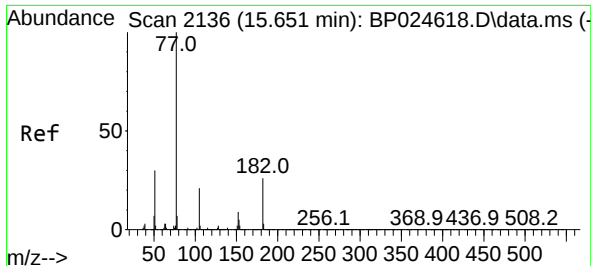
Tgt Ion:204 Resp: 390014
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 63.5 52.9 79.3



#62
4-Nitroaniline
Concen: 47.972 ng m
RT: 15.375 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:138 Resp: 189774
Ion Ratio Lower Upper
138 100
92 50.1 29.2 69.2
108 87.9 69.0 109.0

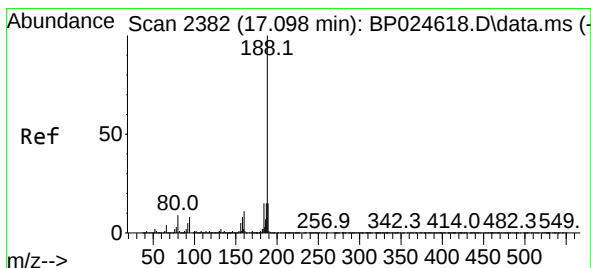
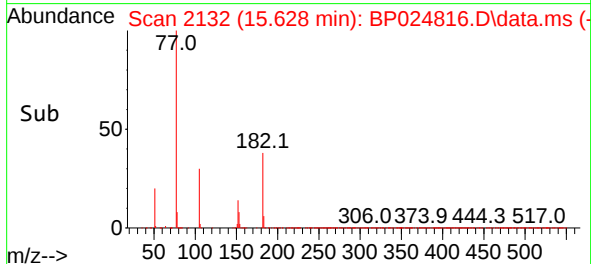
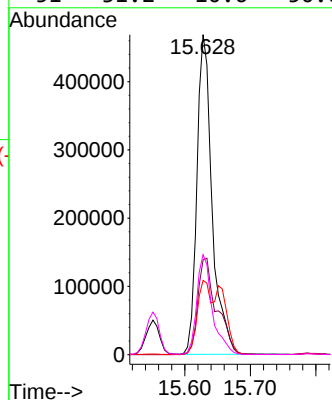
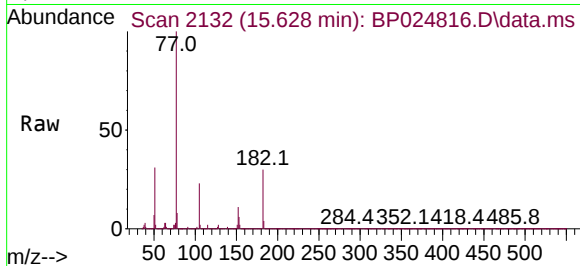




#63
Azobenzene
Concen: 45.923 ng
RT: 15.628 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

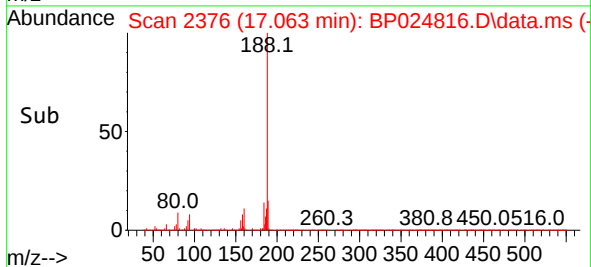
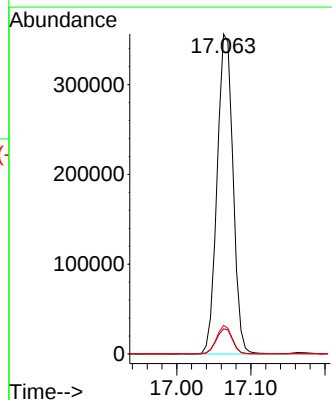
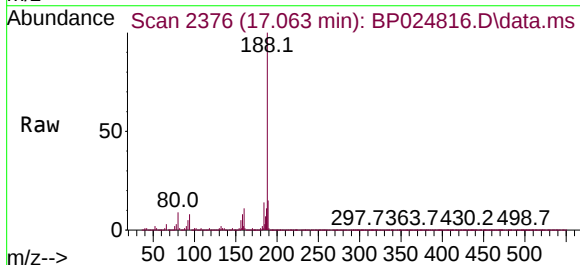
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

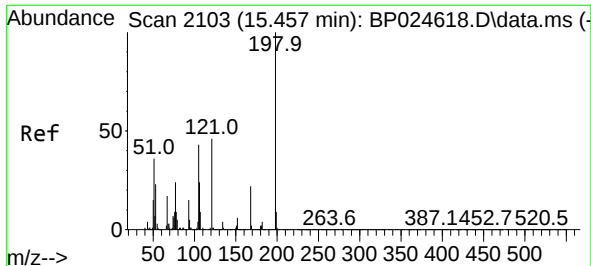
Tgt Ion:	77	Resp:	754374
Ion	Ratio	Lower	Upper
77	100		
182	29.6	5.7	45.7
105	23.2	1.3	41.3
51	31.2	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.063 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:	188	Resp:	530357
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.5	9.7
80	8.9	7.3	10.9

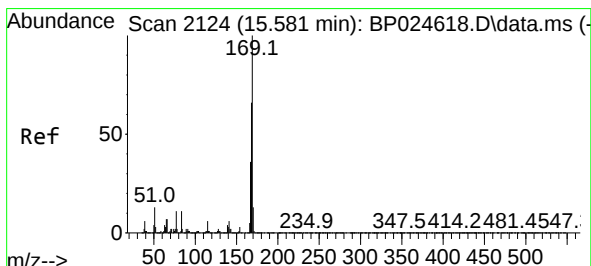
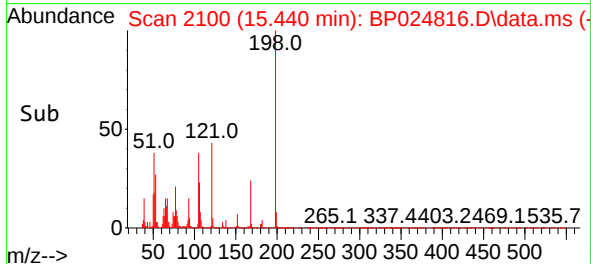
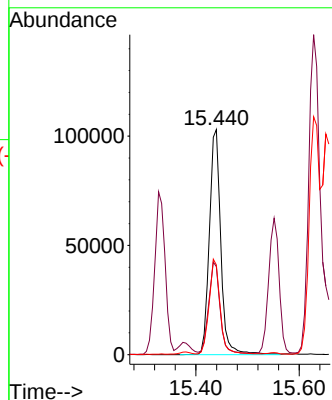
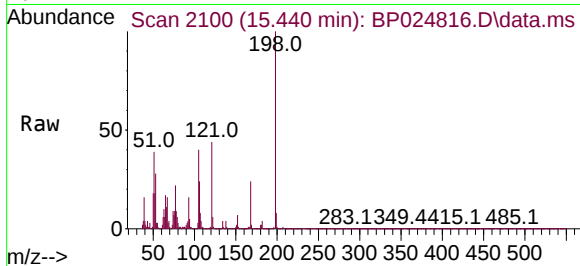




#65
4,6-Dinitro-2-methylphenol
Concen: 46.181 ng
RT: 15.440 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

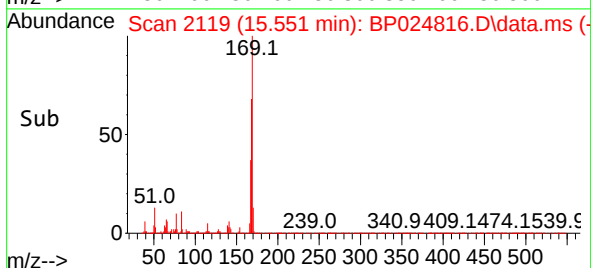
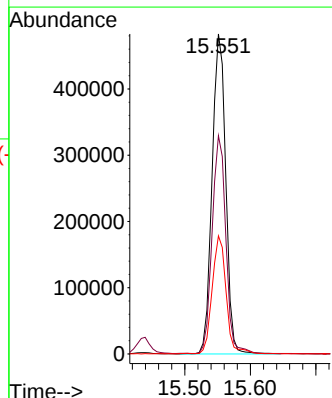
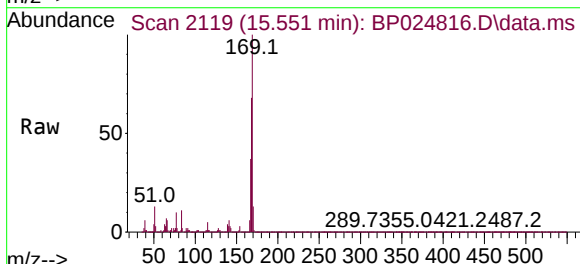
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

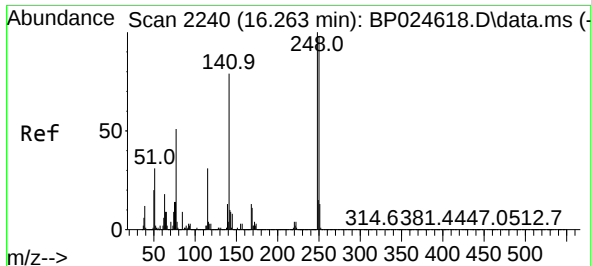
Tgt Ion:198 Resp: 158206
Ion Ratio Lower Upper
198 100
51 39.1 21.1 61.1
105 39.9 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.765 ng
RT: 15.551 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:169 Resp: 696660
Ion Ratio Lower Upper
169 100
168 68.2 53.2 79.8
167 36.9 28.6 43.0

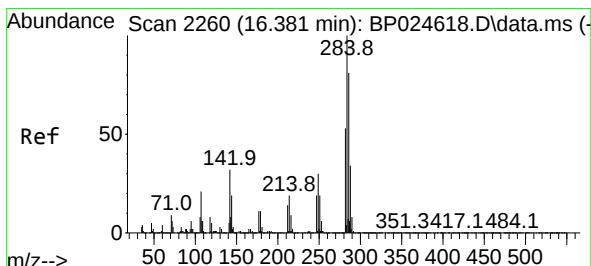
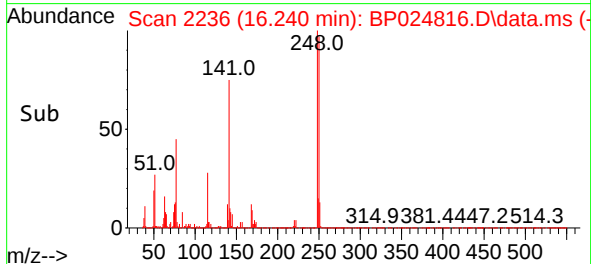
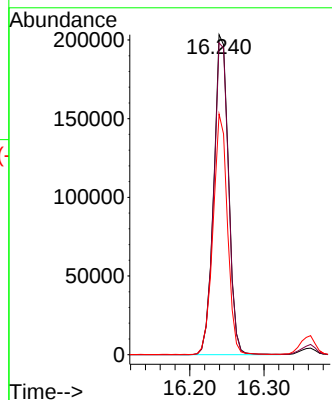
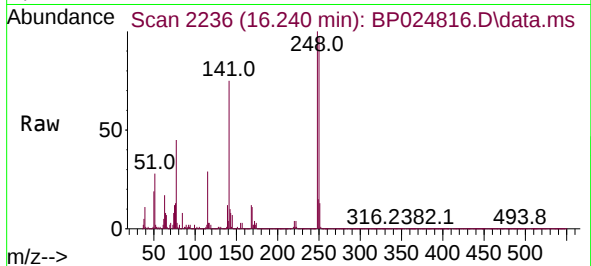




#67
4-Bromophenyl-phenylether
Concen: 45.004 ng
RT: 16.240 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

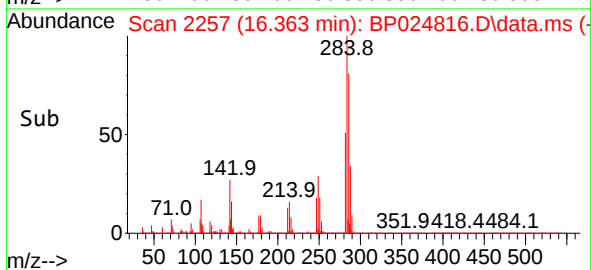
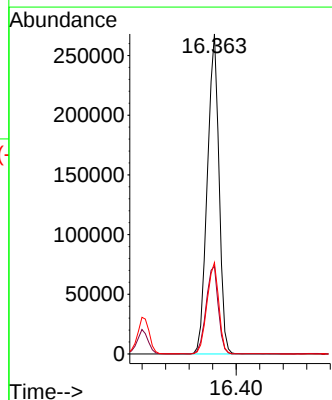
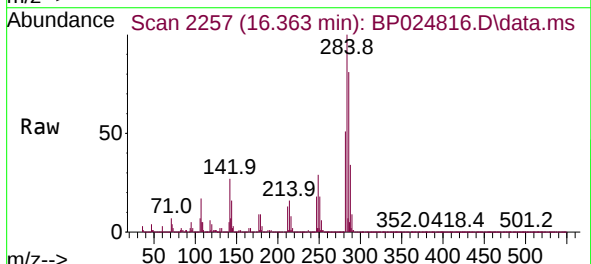
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

Tgt Ion:248 Resp: 281251
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 75.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.432 ng
RT: 16.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:284 Resp: 368718
Ion Ratio Lower Upper
284 100
142 27.4 25.9 38.9
249 28.5 24.1 36.1





#69

Atrazine

Concen: 46.863 ng

RT: 16.528 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

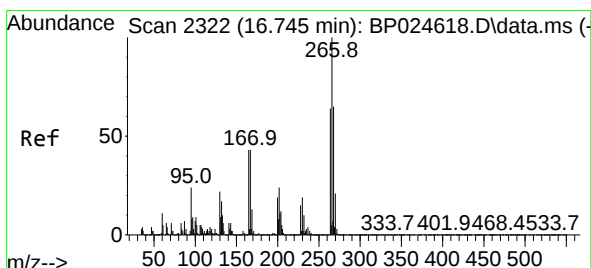
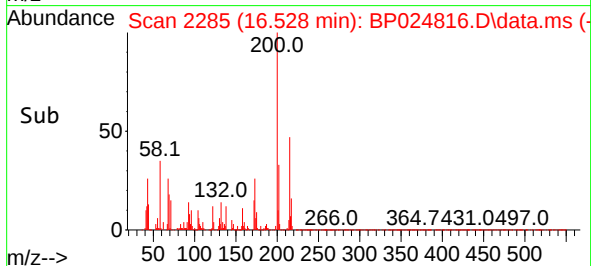
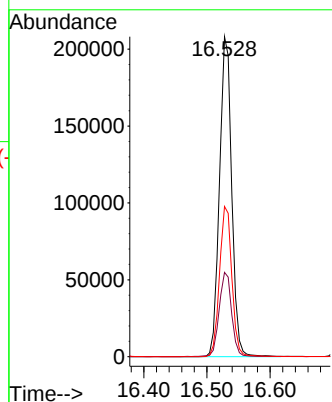
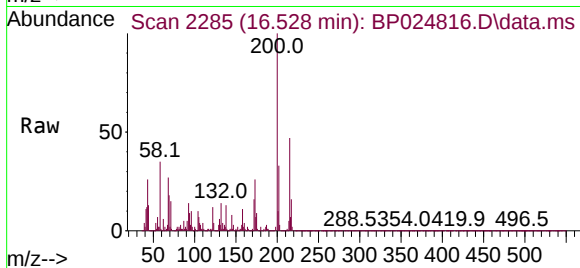
Tgt Ion:200 Resp: 279770

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

215 47.0 28.3 68.3



#70

Pentachlorophenol

Concen: 115.162 ng

RT: 16.722 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

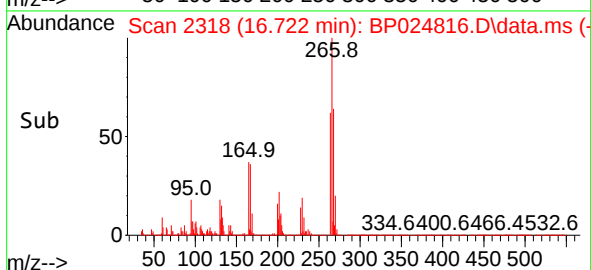
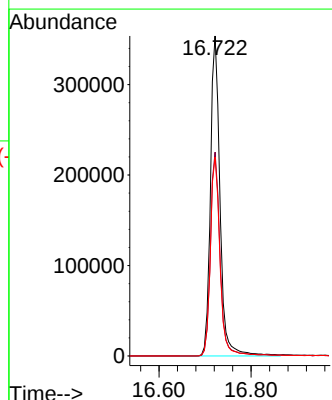
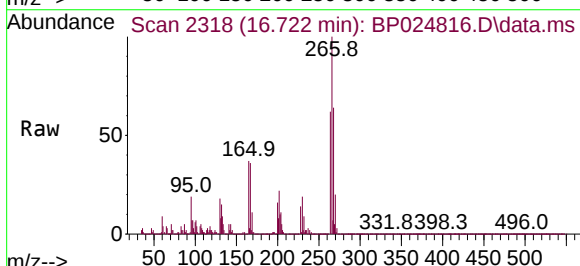
Tgt Ion:266 Resp: 513356

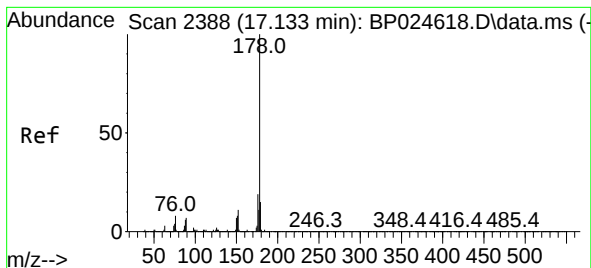
Ion Ratio Lower Upper

266 100

268 63.7 52.2 78.4

264 62.2 51.1 76.7





#71

Phenanthrene

Concen: 48.656 ng

RT: 17.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

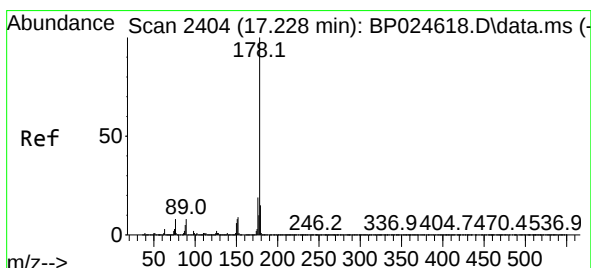
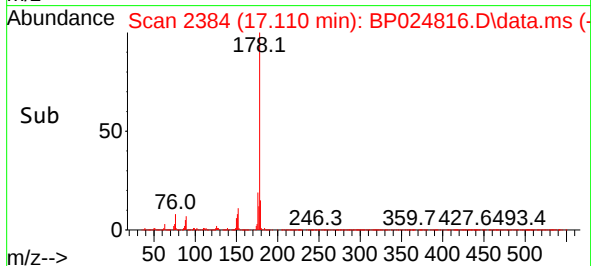
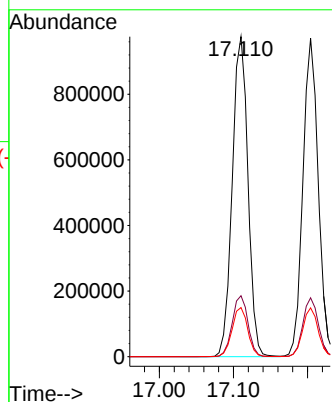
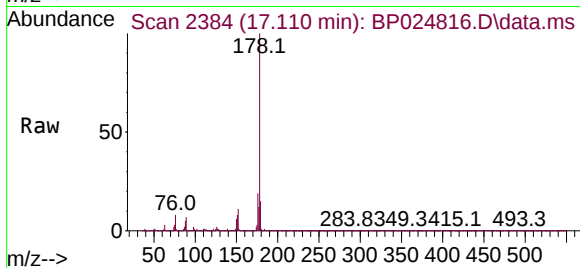
Tgt Ion:178 Resp: 1434548

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 47.291 ng

RT: 17.204 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

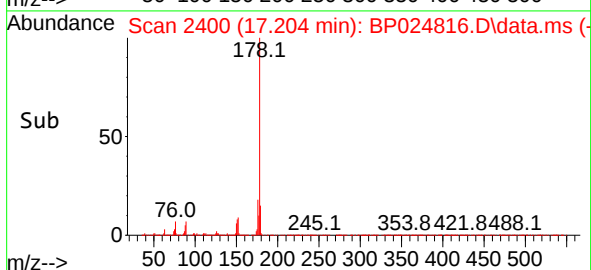
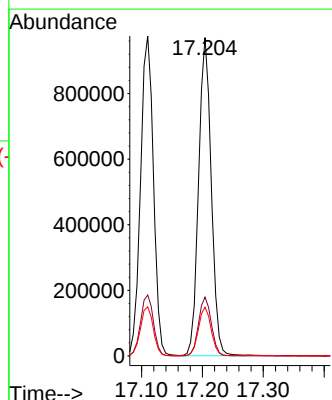
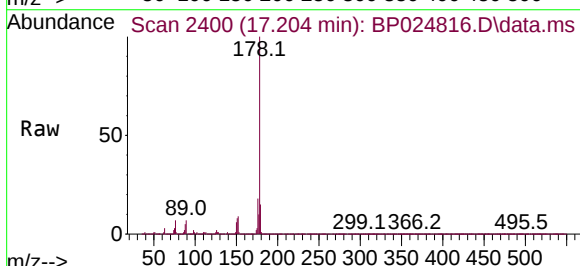
Tgt Ion:178 Resp: 1402829

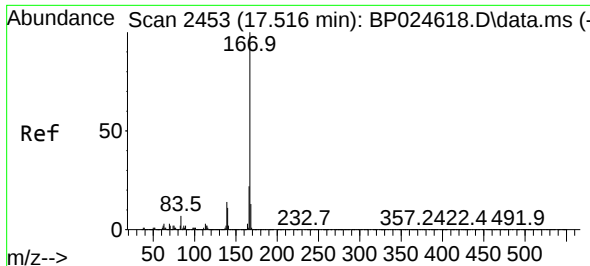
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.3 12.2 18.2

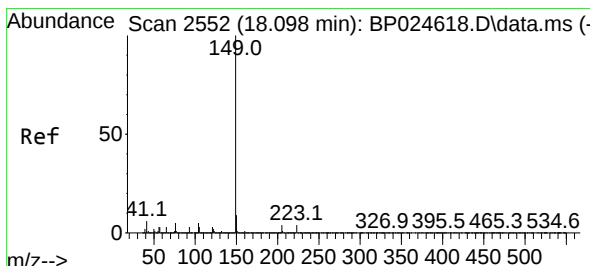
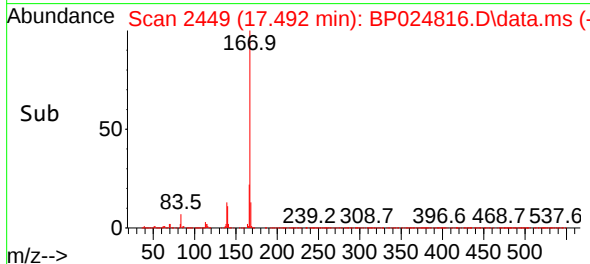
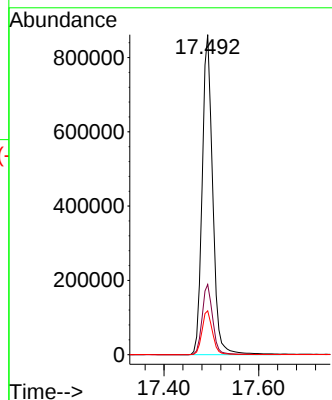
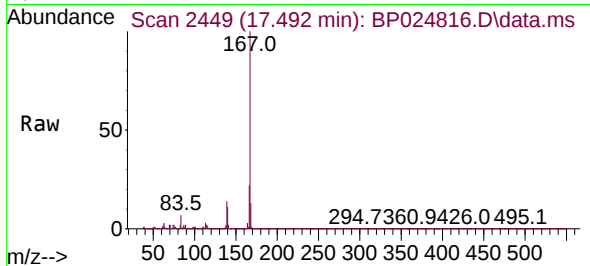




#73
 Carbazole
 Concen: 49.190 ng
 RT: 17.492 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BP024816.D
 Acq: 28 May 2025 15:29

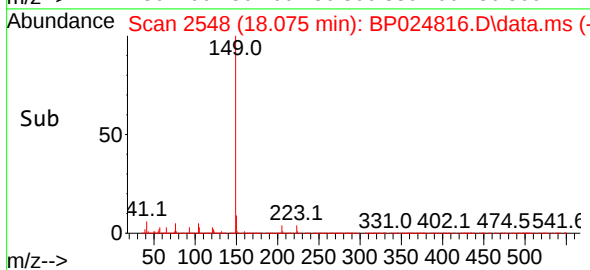
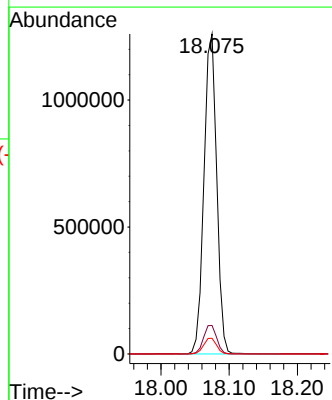
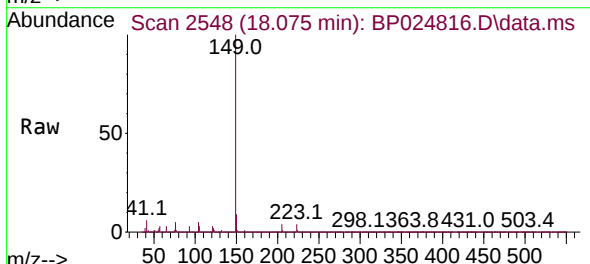
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMS

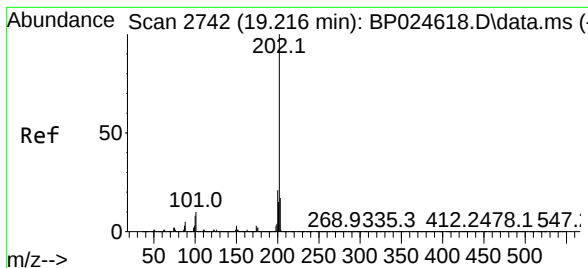
Tgt Ion:167 Resp: 1320666
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.7 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 47.399 ng
 RT: 18.075 min Scan# 2548
 Delta R.T. 0.012 min
 Lab File: BP024816.D
 Acq: 28 May 2025 15:29

Tgt Ion:149 Resp: 1636662
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 62.610 ng

RT: 19.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

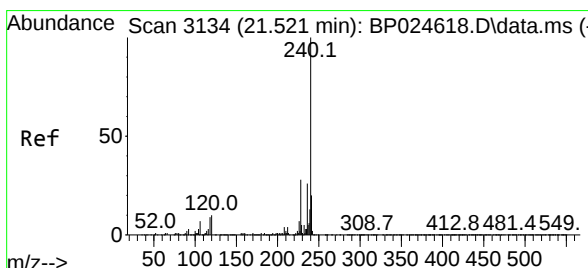
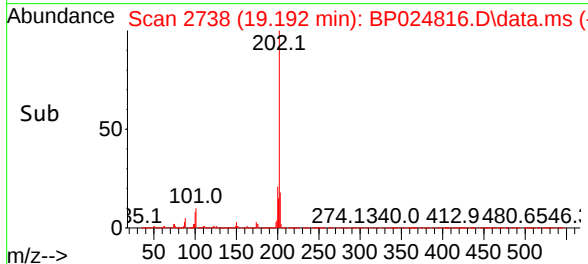
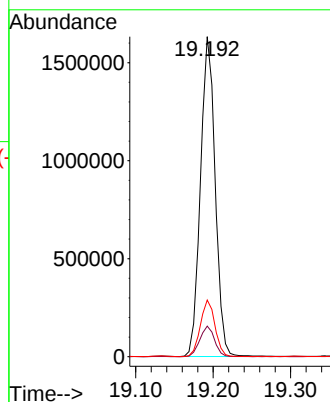
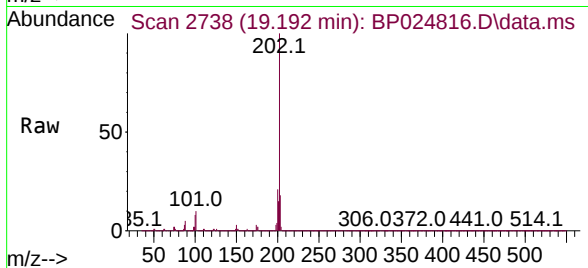
Tgt Ion:202 Resp: 2157799

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

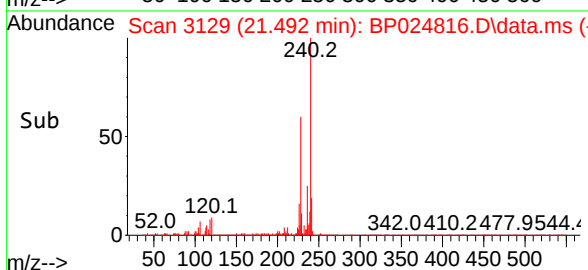
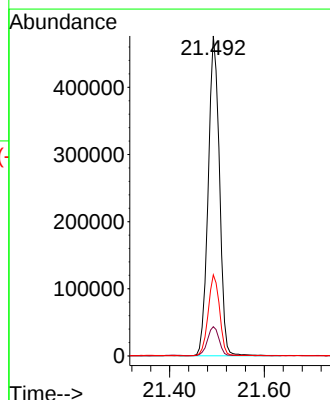
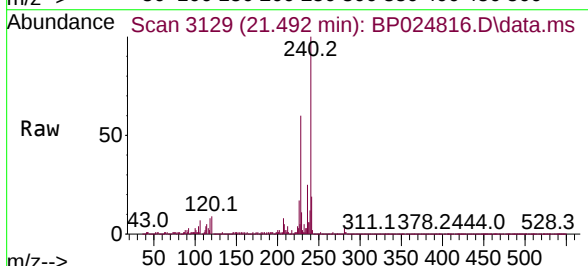
Tgt Ion:240 Resp: 785422

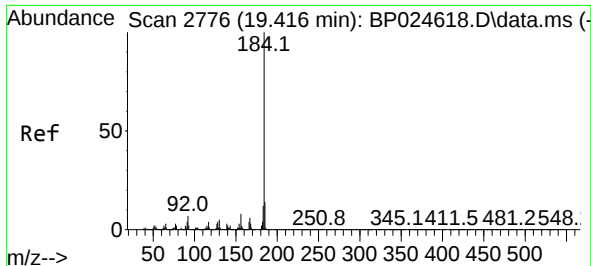
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 25.4 20.6 31.0

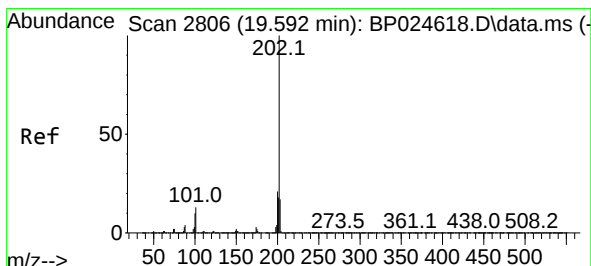
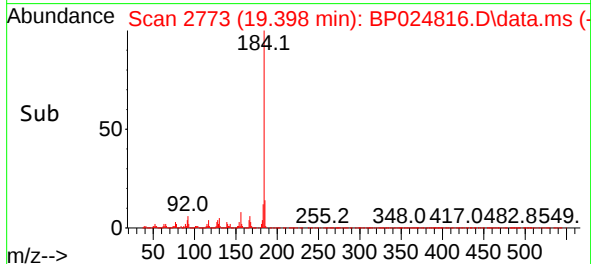
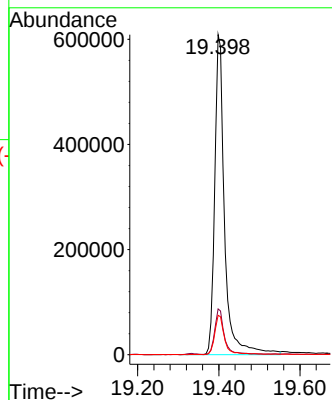
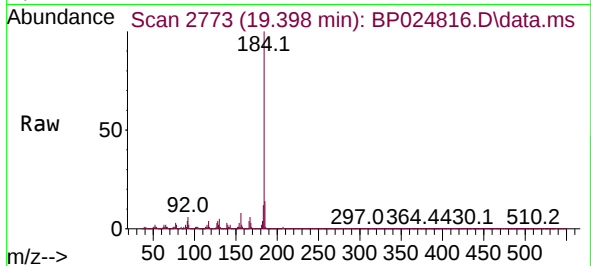




#77
Benzidine
Concen: 47.729 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

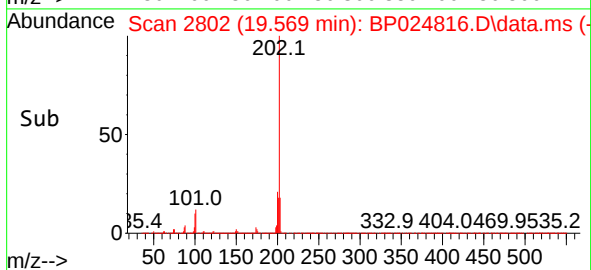
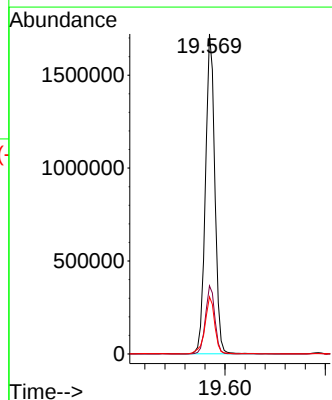
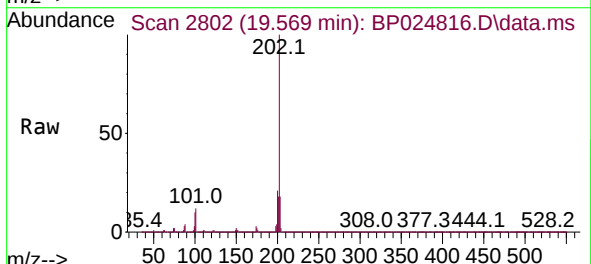
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

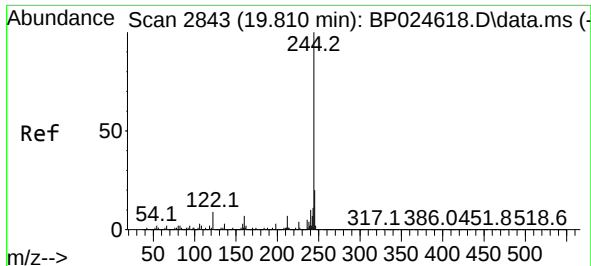
Tgt Ion:184 Resp: 1021006
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 12.3 9.8 14.8



#78
Pyrene
Concen: 47.609 ng
RT: 19.569 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:202 Resp: 2240516
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.9 13.9 20.9

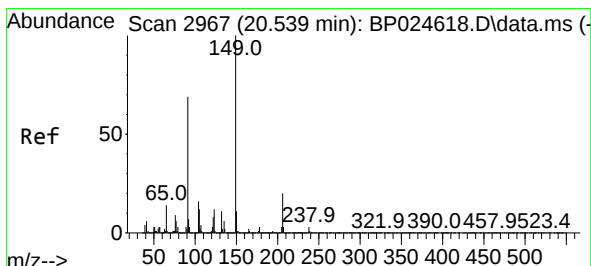
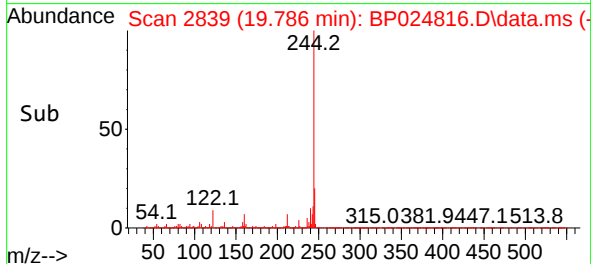
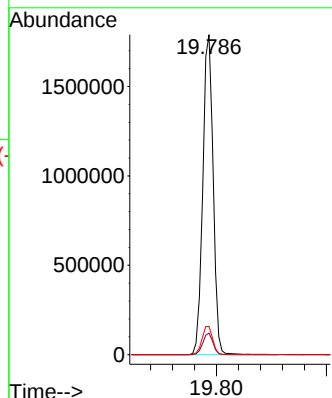
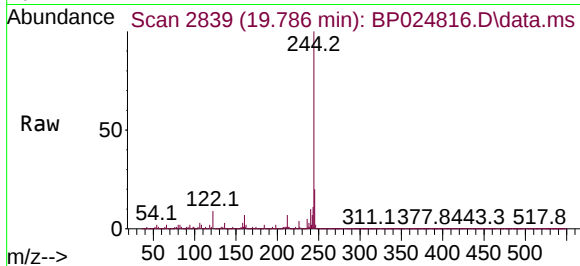




#79
 Terphenyl-d14
 Concen: 51.076 ng
 RT: 19.786 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: BP024816.D
 Acq: 28 May 2025 15:29

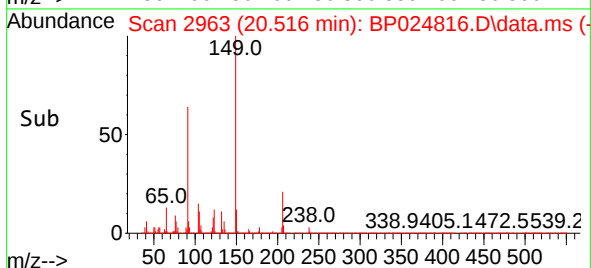
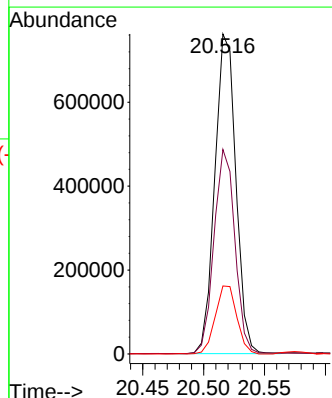
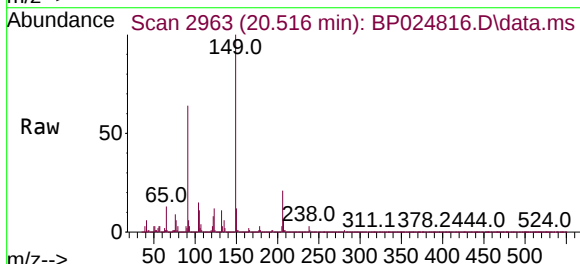
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMS

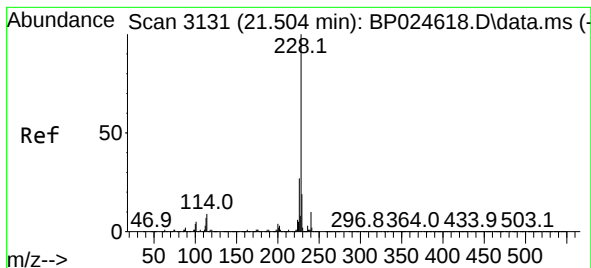
Tgt Ion:244 Resp: 2339566
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 8.8 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 43.845 ng
 RT: 20.516 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: BP024816.D
 Acq: 28 May 2025 15:29

Tgt Ion:149 Resp: 917667
 Ion Ratio Lower Upper
 149 100
 91 63.9 55.4 83.0
 206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 49.737 ng

RT: 21.469 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

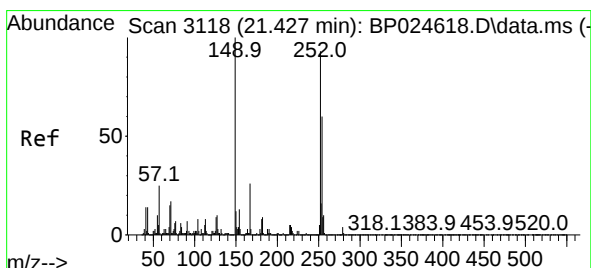
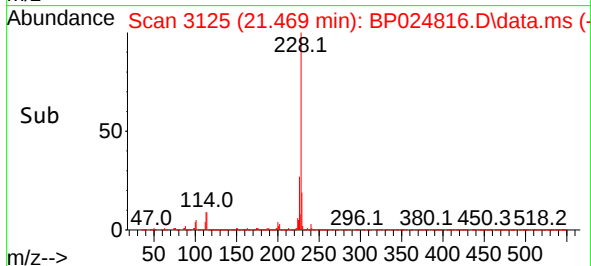
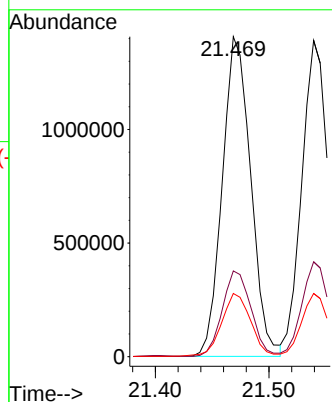
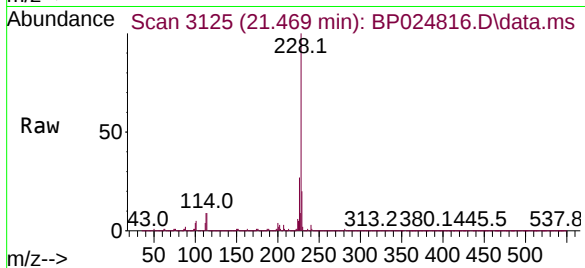
Tgt Ion:228 Resp: 2452935

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.0

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 24.946 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

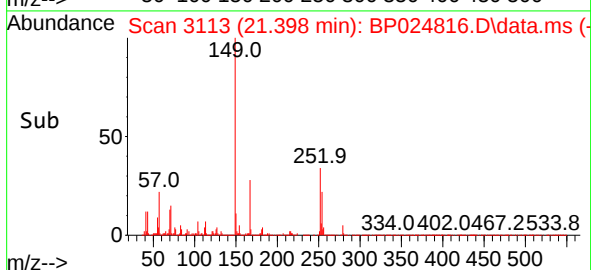
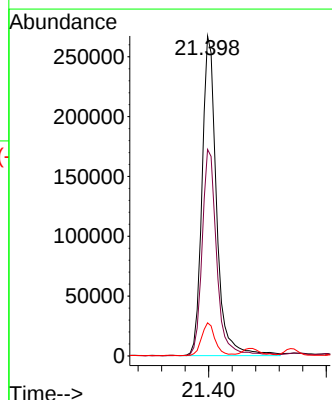
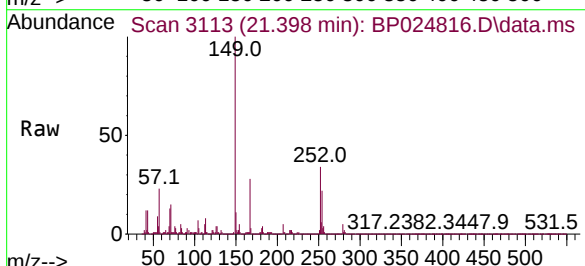
Tgt Ion:252 Resp: 456961

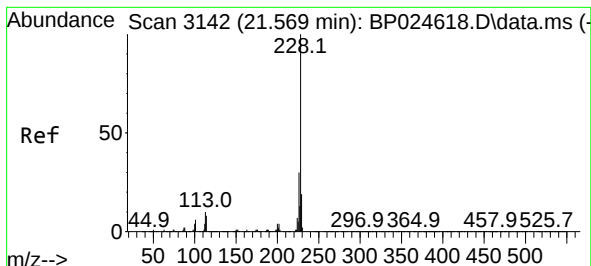
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 10.3 7.7 11.5





#83

Chrysene

Concen: 48.565 ng

RT: 21.539 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

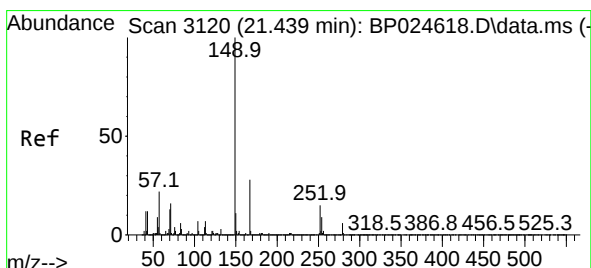
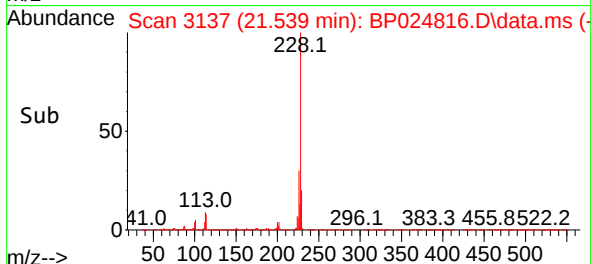
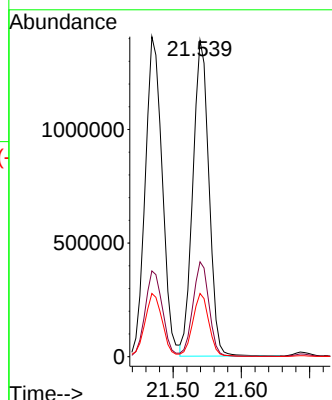
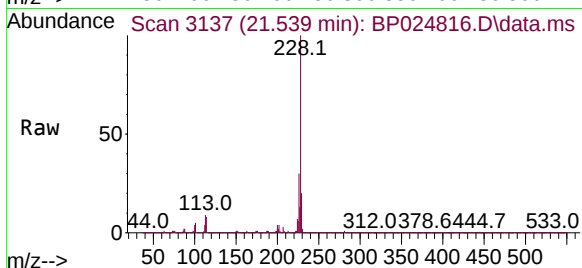
Tgt Ion:228 Resp: 2270488

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.904 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

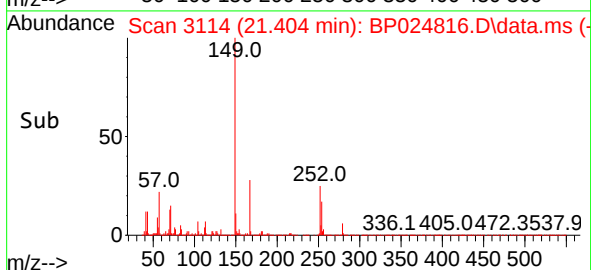
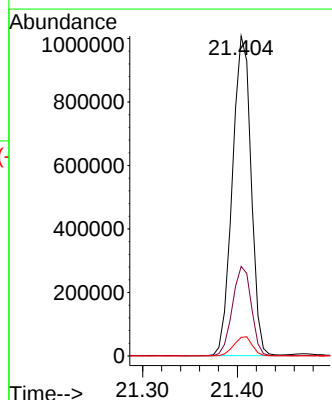
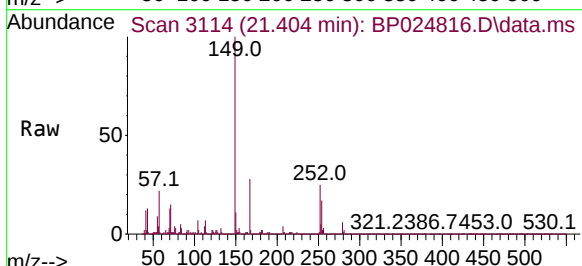
Tgt Ion:149 Resp: 1381381

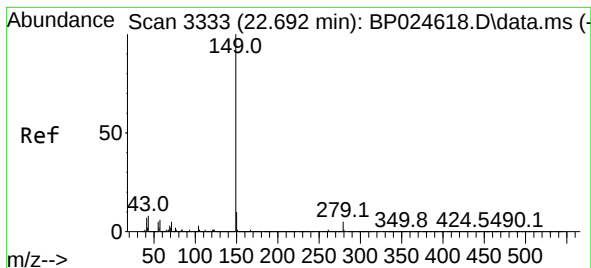
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 5.8 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 49.746 ng

RT: 22.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

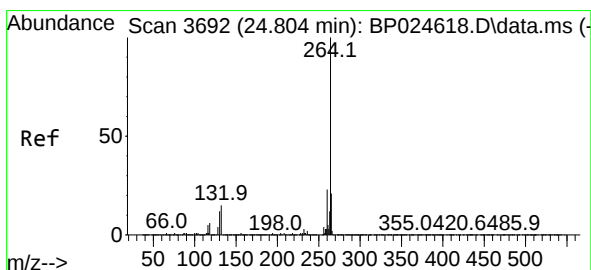
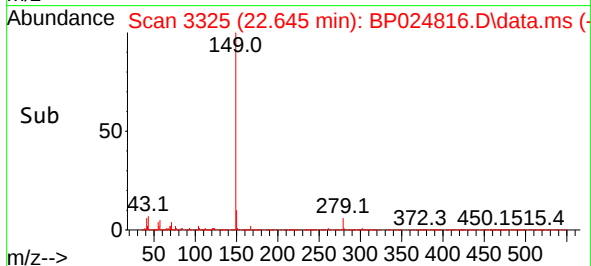
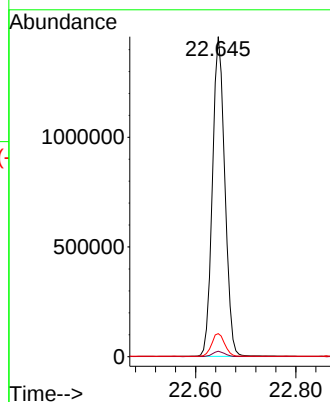
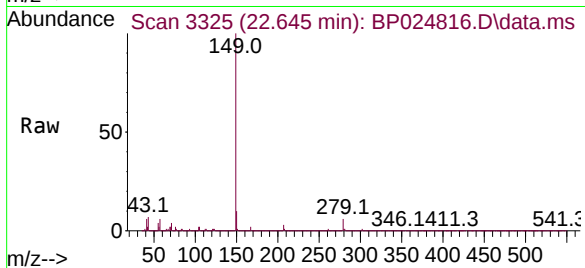
Tgt Ion:149 Resp: 2502562

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.751 min Scan# 3683

Delta R.T. 0.006 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

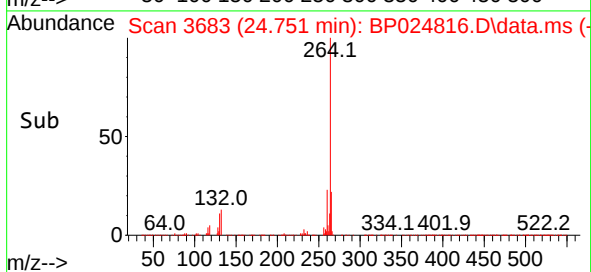
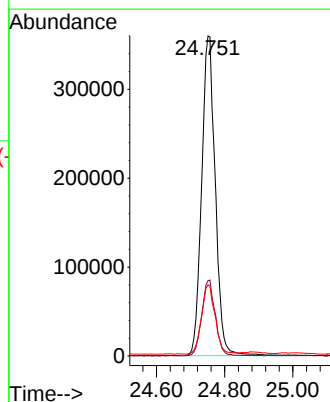
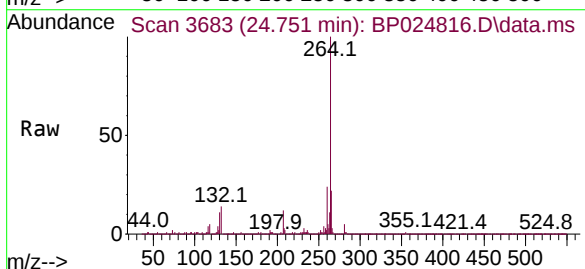
Tgt Ion:264 Resp: 999070

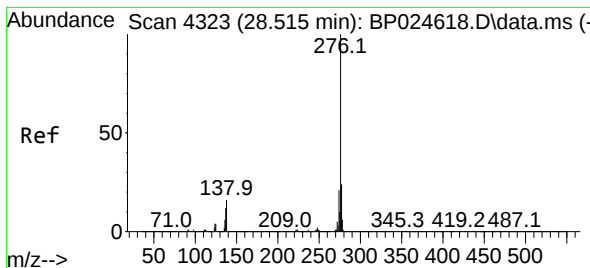
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.185 ng

RT: 28.480 min Scan# 41

Delta R.T. 0.041 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

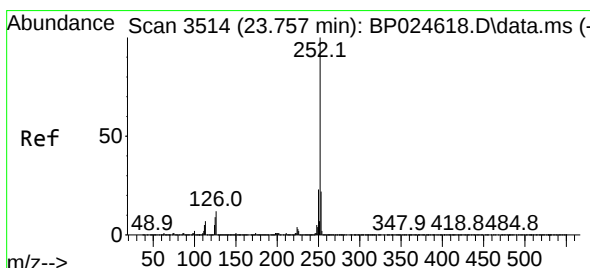
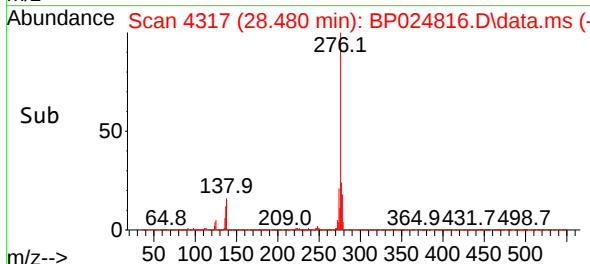
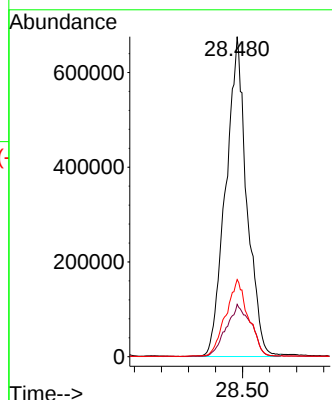
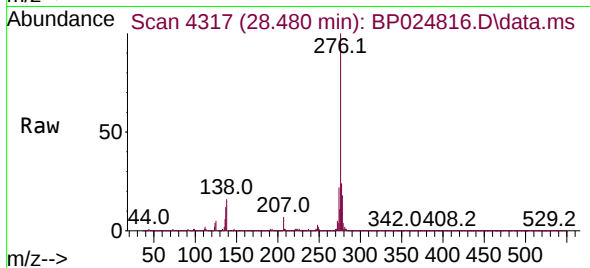
Tgt Ion:276 Resp: 3660351

Ion Ratio Lower Upper

276 100

138 18.9 11.2 16.8#

277 25.7 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 50.936 ng

RT: 23.721 min Scan# 3508

Delta R.T. 0.000 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

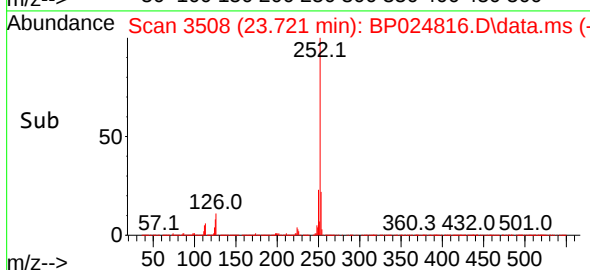
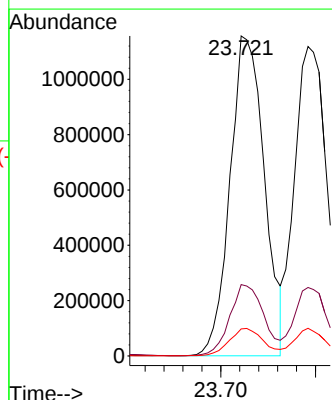
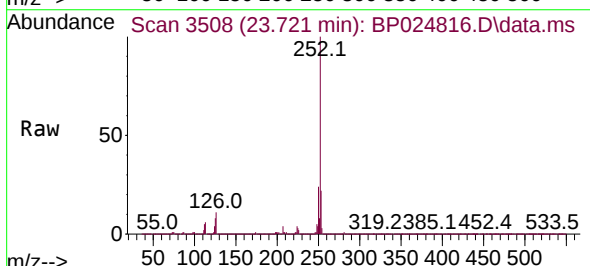
Tgt Ion:252 Resp: 2912787

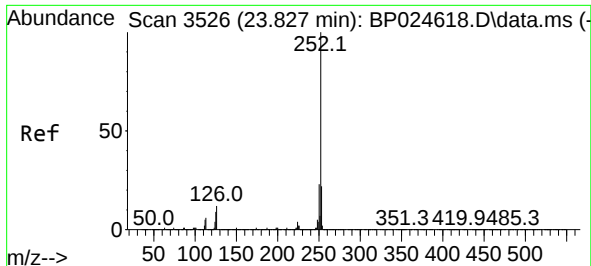
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.4 7.5 11.3

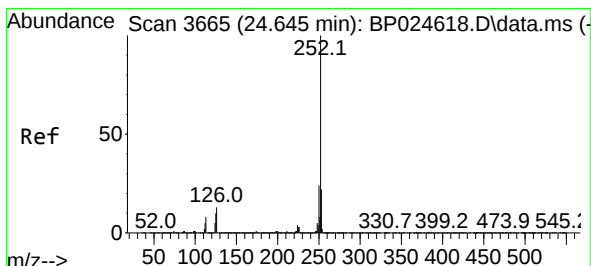
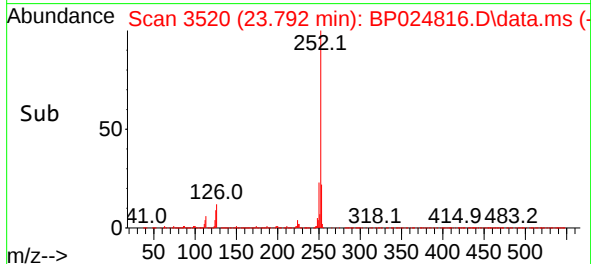
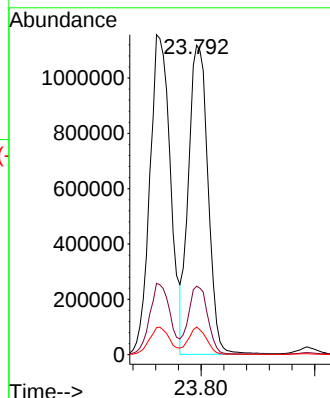
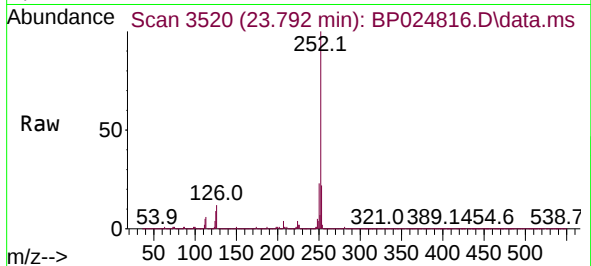




#89
Benzo(k)fluoranthene
Concen: 45.362 ng
RT: 23.792 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

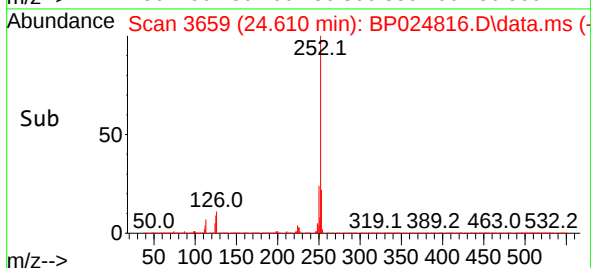
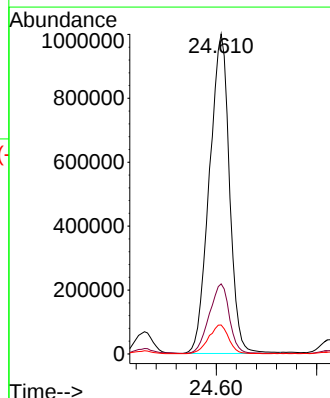
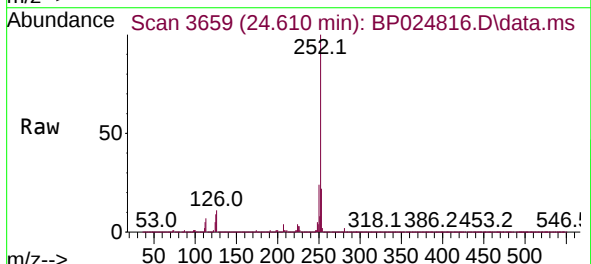
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMS

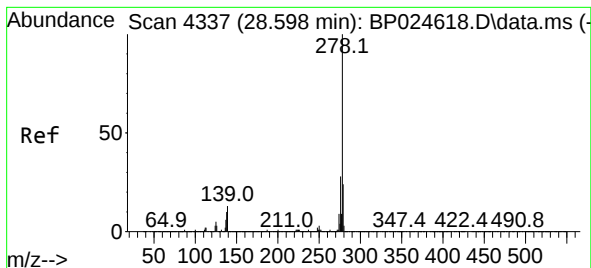
Tgt Ion:252 Resp: 2672982
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.9 7.0 10.4



#90
Benzo(a)pyrene
Concen: 50.599 ng
RT: 24.610 min Scan# 3659
Delta R.T. 0.012 min
Lab File: BP024816.D
Acq: 28 May 2025 15:29

Tgt Ion:252 Resp: 2778946
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.1 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 47.927 ng

RT: 28.539 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMS

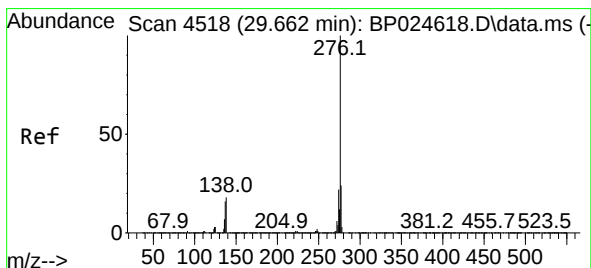
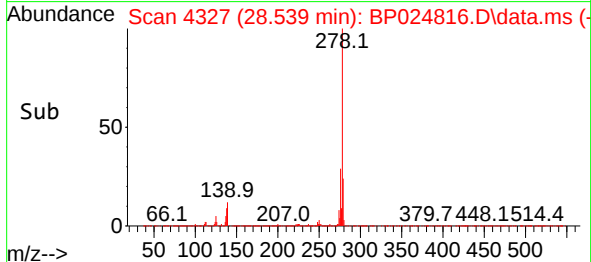
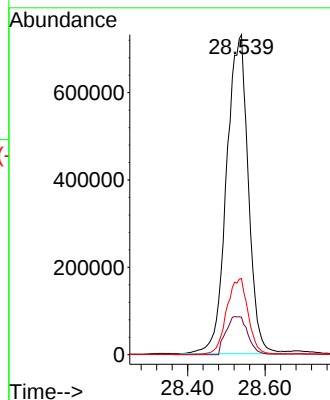
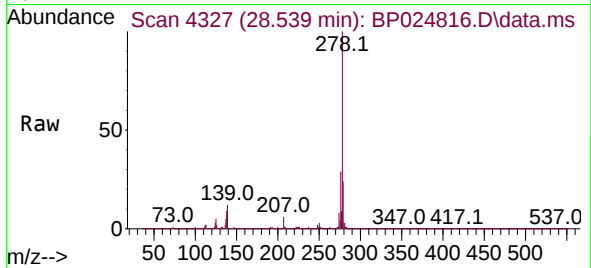
Tgt Ion:278 Resp: 2843872

Ion Ratio Lower Upper

278 100

139 11.7 10.2 15.4

279 23.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 50.239 ng

RT: 29.615 min Scan# 4510

Delta R.T. 0.024 min

Lab File: BP024816.D

Acq: 28 May 2025 15:29

Tgt Ion:276 Resp: 2964493

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 16.3 14.4 21.6

