

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024817.D
 Acq On : 28 May 2025 16:10
 Operator : RC/JU
 Sample : Q2128-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMSD

Quant Time: May 28 16:35:01 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	7.652	152	131053	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	534404	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	332641	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	693874	20.000	ng	0.01
76) Chrysene-d12	21.504	240	881777	20.000	ng	0.01
86) Perylene-d12	24.768	264	1089448	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	828966	108.188	ng	0.00
7) Phenol-d6	6.852	99	1063290	108.730	ng	0.00
23) Nitrobenzene-d5	8.799	82	586873	55.487	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	706677	125.315	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1294700	50.992	ng	0.00
79) Terphenyl-d14	19.798	244	2938706	57.146	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	121404	33.742	ng	100
3) Pyridine	3.611	79	291009	36.476	ng	95
4) n-Nitrosodimethylamine	3.522	42	143581	40.766	ng	96
6) Aniline	6.993	93	269389	21.336	ng	99
8) 2-Chlorophenol	7.222	128	416306	47.861	ng	96
9) Benzaldehyde	6.805	77	207290	32.745	ng	94
10) Phenol	6.875	94	471609	46.725	ng	99
11) bis(2-Chloroethyl)ether	7.081	93	327748	39.518	ng	98
12) 1,3-Dichlorobenzene	7.534	146	431060	43.074	ng	98
13) 1,4-Dichlorobenzene	7.681	146	440123	43.727	ng	99
14) 1,2-Dichlorobenzene	7.999	146	425559	43.390	ng	99
15) Benzyl Alcohol	7.899	79	331337	44.586	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	383559	38.617	ng	98
17) 2-Methylphenol	8.104	107	326652	45.122	ng	97
18) Hexachloroethane	8.710	117	156971	40.697	ng	97
19) n-Nitroso-di-n-propyla...	8.452	70	254227	37.582	ng	97
20) 3+4-Methylphenols	8.434	107	443155	45.003	ng	99
22) Acetophenone	8.469	105	567821	42.536	ng	# 98
24) Nitrobenzene	8.840	77	384861	41.349	ng	94
25) Isophorone	9.363	82	726046	39.574	ng	96
26) 2-Nitrophenol	9.546	139	226141	49.583	ng	97
27) 2,4-Dimethylphenol	9.616	122	378702	47.095	ng	97
28) bis(2-Chloroethoxy)met...	9.834	93	438735	40.027	ng	98
29) 2,4-Dichlorophenol	10.087	162	383549	49.220	ng	95
30) 1,2,4-Trichlorobenzene	10.281	180	402001	45.780	ng	98
31) Naphthalene	10.463	128	1234668	44.584	ng	100
32) Benzoic acid	9.793	122	262609	47.080	ng	93
33) 4-Chloroaniline	10.593	127	130344	11.664	ng	98
34) Hexachlorobutadiene	10.746	225	256607	45.109	ng	97
35) Caprolactam	11.393	113	129000	45.756	ng	92
36) 4-Chloro-3-methylphenol	11.728	107	425184	44.743	ng	96
37) 2-Methylnaphthalene	12.075	142	795079	44.339	ng	98
38) 1-Methylnaphthalene	12.304	142	829298	43.223	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	460683	47.692	ng	99
41) Hexachlorocyclopentadiene	12.422	237	536736	91.637	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	319001	50.987	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024817.D
 Acq On : 28 May 2025 16:10
 Operator : RC/JU
 Sample : Q2128-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

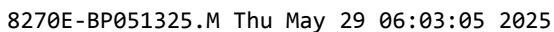
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMSD

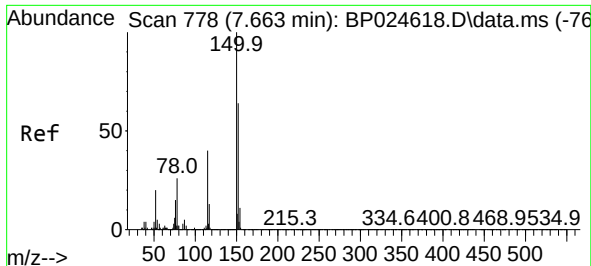
Quant Time: May 28 16:35:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	352969	50.682	ng	97
46) 1,1'-Biphenyl	13.098	154	1122131	45.641	ng	99
47) 2-Chloronaphthalene	13.140	162	860511	45.904	ng	100
48) 2-Nitroaniline	13.357	65	245915	44.309	ng	95
49) Acenaphthylene	13.992	152	1425037	45.425	ng	100
50) Dimethylphthalate	13.739	163	1110177	43.787	ng	100
51) 2,6-Dinitrotoluene	13.863	165	244503	45.662	ng	94
52) Acenaphthene	14.339	154	817286	45.317	ng	99
53) 3-Nitroaniline	14.204	138	119007	21.766	ng	95
54) 2,4-Dinitrophenol	14.416	184	312535	91.555	ng	96
55) Dibenzofuran	14.681	168	1316392	45.761	ng	99
56) 4-Nitrophenol	14.551	139	422188	88.706	ng	96
57) 2,4-Dinitrotoluene	14.657	165	366721	48.578	ng	94
58) Fluorene	15.339	166	1090496	46.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	321932	49.831	ng	96
60) Diethylphthalate	15.116	149	1162423	45.362	ng	99
61) 4-Chlorophenyl-phenyle...	15.334	204	537081	45.914	ng	99
62) 4-Nitroaniline	15.386	138	250373m	47.426	ng	
63) Azobenzene	15.634	77	1024676	46.742	ng	95
65) 4,6-Dinitro-2-methylph...	15.439	198	205063	45.753	ng	97
66) n-Nitrosodiphenylamine	15.557	169	956433	44.875	ng	98
67) 4-Bromophenyl-phenylether	16.251	248	382708	46.807	ng	94
68) Hexachlorobenzene	16.369	284	499004	48.030	ng	93
69) Atrazine	16.539	200	376150	48.159	ng	99
70) Pentachlorophenol	16.728	266	675725	115.864	ng	99
71) Phenanthrene	17.116	178	1906283	49.420	ng	100
72) Anthracene	17.210	178	1865994	48.081	ng	100
73) Carbazole	17.492	167	1687745	48.048	ng	100
74) Di-n-butylphthalate	18.080	149	2173857	48.121	ng	100
75) Fluoranthene	19.204	202	2709091	60.082	ng	99
77) Benzidine	19.404	184	1284556	53.487	ng	99
78) Pyrene	19.580	202	2755345	52.151	ng	100
80) Butylbenzylphthalate	20.533	149	1120892	47.703	ng	90
81) Benzo(a)anthracene	21.486	228	2823632	50.998	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	542453	26.378	ng	99
83) Chrysene	21.557	228	2592320	49.390	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1676954	48.555	ng	99
85) Di-n-octyl phthalate	22.657	149	2955880	52.337	ng	99
87) Indeno(1,2,3-cd)pyrene	28.474	276	4122511	51.832	ng	# 87
88) Benzo(b)fluoranthene	23.739	252	3236693	51.905	ng	99
89) Benzo(k)fluoranthene	23.804	252	2939940	45.753	ng	100
90) Benzo(a)pyrene	24.615	252	3020627	50.436	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	3203816	49.514	ng	98
92) Benzo(g,h,i)perylene	29.615	276	3335792	51.842	ng	98

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

Quant Time: May 28 16:35:01 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

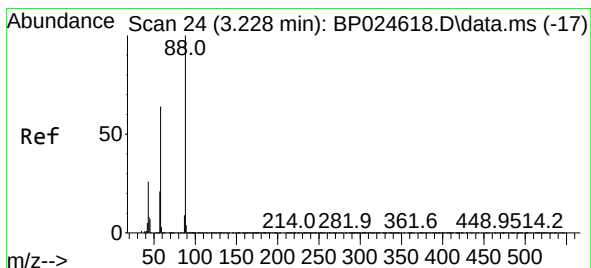
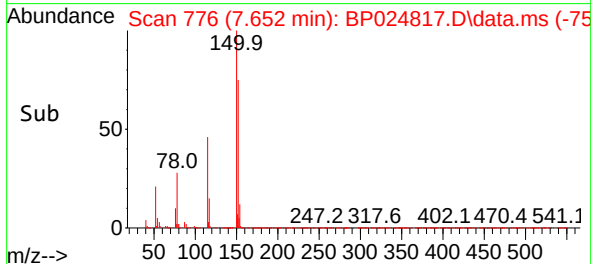
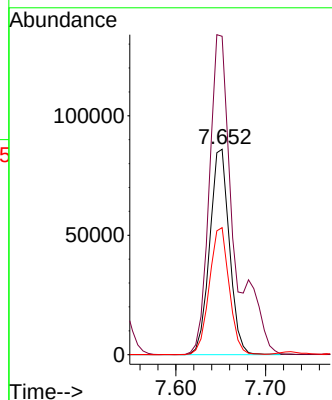
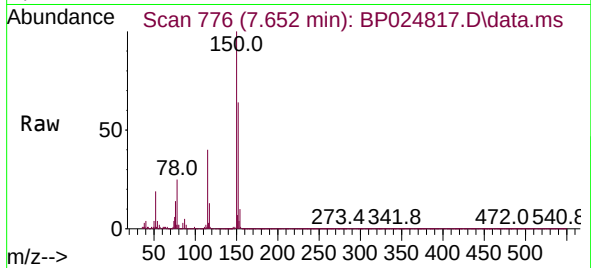




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.652 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP024817.D
 Acq: 28 May 2025 16:10

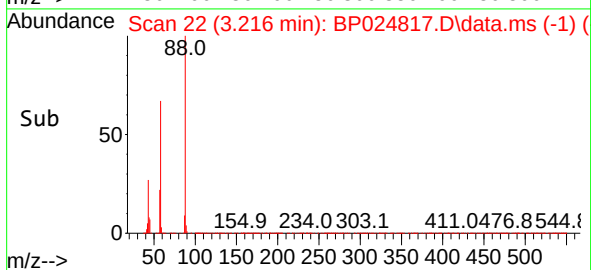
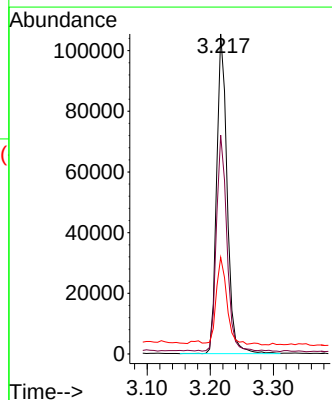
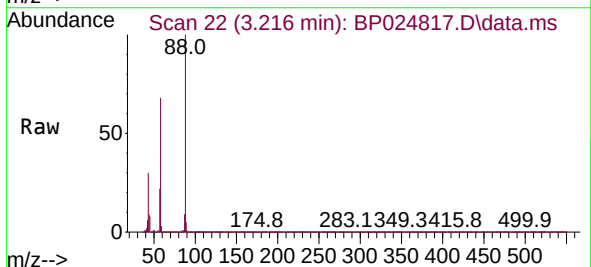
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMSD

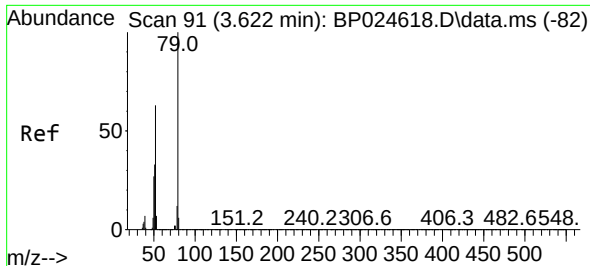
Tgt Ion:152 Resp: 131053
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.9 188.9
 115 61.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 33.742 ng
 RT: 3.216 min Scan# 22
 Delta R.T. -0.006 min
 Lab File: BP024817.D
 Acq: 28 May 2025 16:10

Tgt Ion: 88 Resp: 121404
 Ion Ratio Lower Upper
 88 100
 58 67.0 54.0 81.0
 43 26.5 21.4 32.0

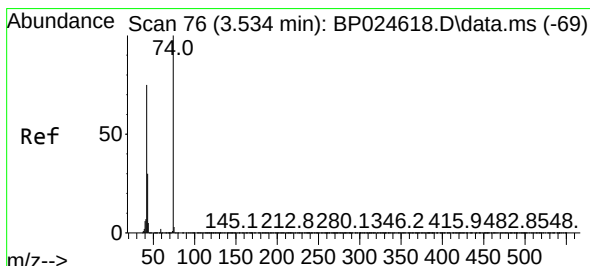
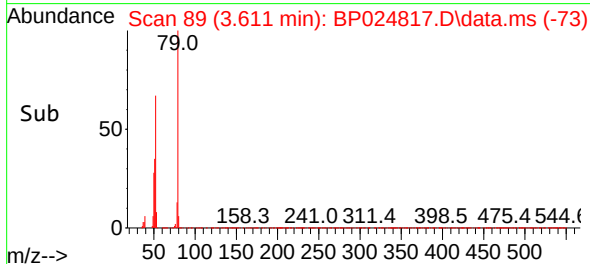
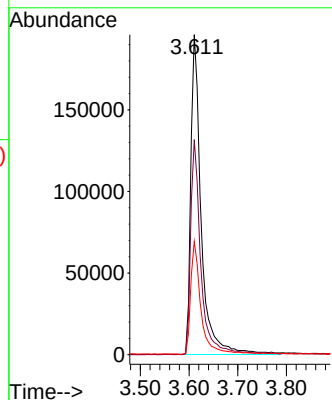
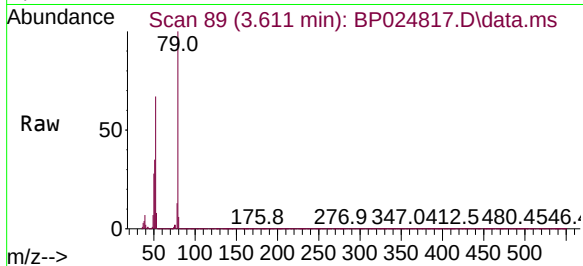




#3
Pyridine
Concen: 36.476 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

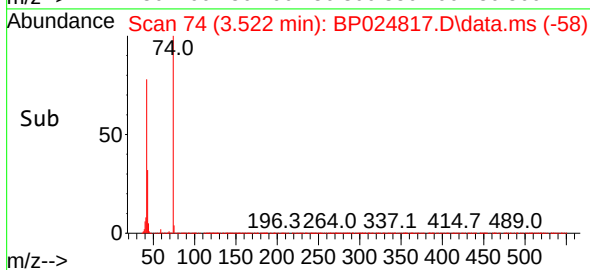
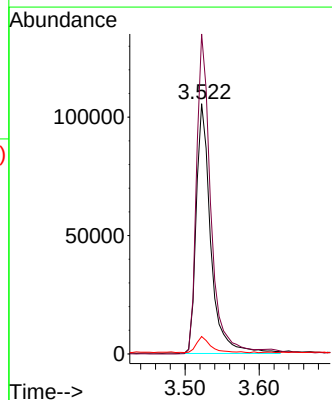
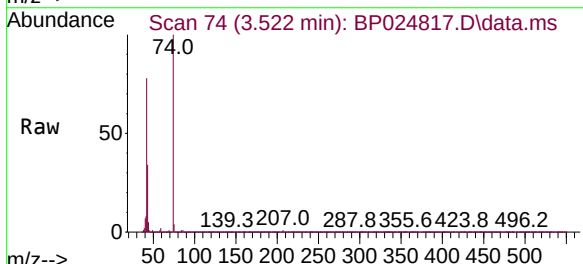
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

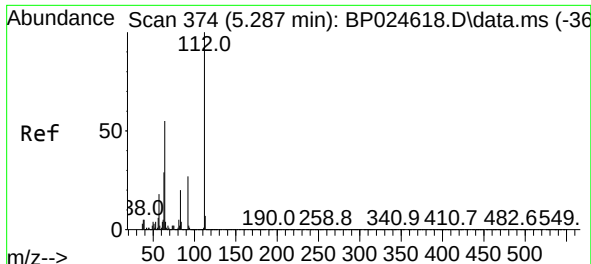
Tgt Ion: 79 Resp: 291009
Ion Ratio Lower Upper
79 100
52 67.2 50.2 75.2
51 35.4 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.766 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 42 Resp: 143581
Ion Ratio Lower Upper
42 100
74 127.9 106.2 159.2
44 7.0 5.4 8.2

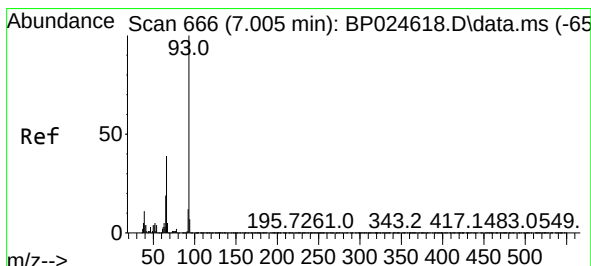
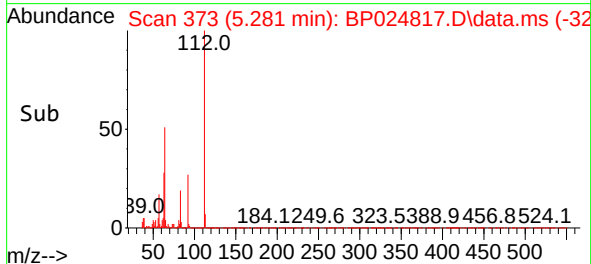
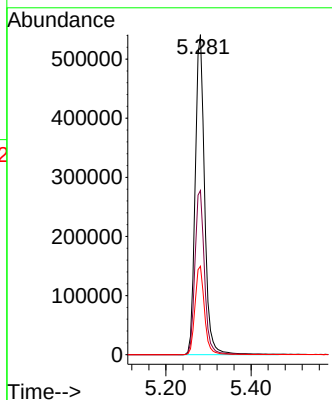
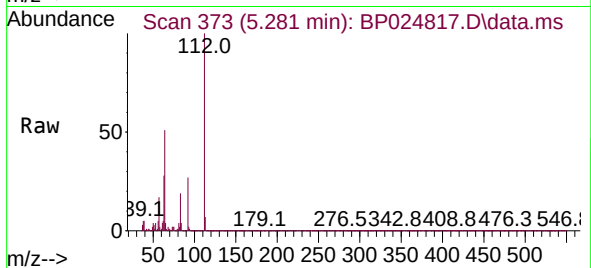




#5
2-Fluorophenol
Concen: 108.188 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

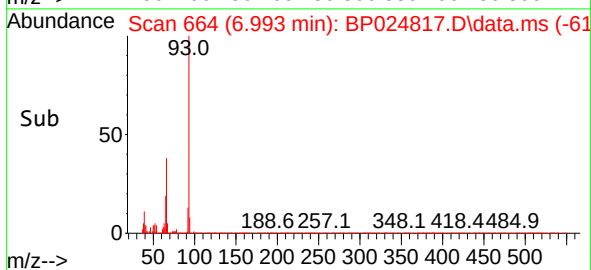
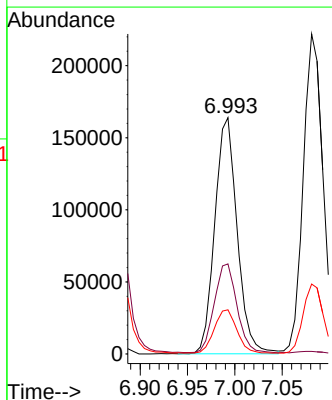
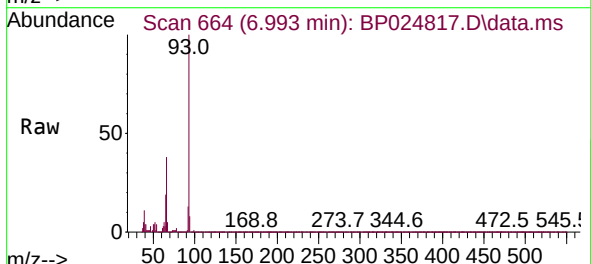
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

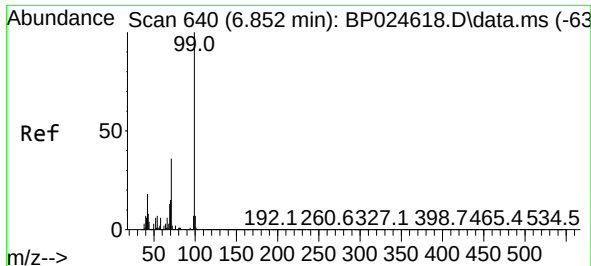
Tgt Ion:112 Resp: 828966
Ion Ratio Lower Upper
112 100
64 51.3 44.1 66.1
63 27.7 23.5 35.3



#6
Aniline
Concen: 21.336 ng
RT: 6.993 min Scan# 664
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 93 Resp: 269389
Ion Ratio Lower Upper
93 100
66 38.1 31.0 46.6
65 18.7 15.5 23.3

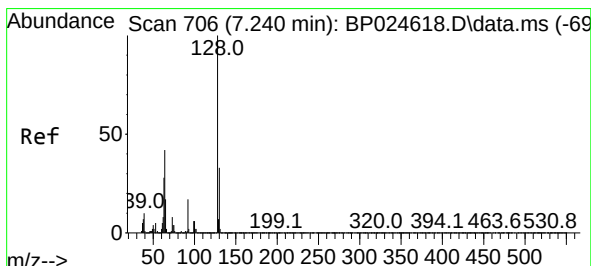
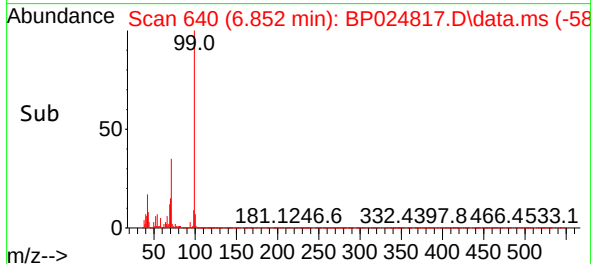
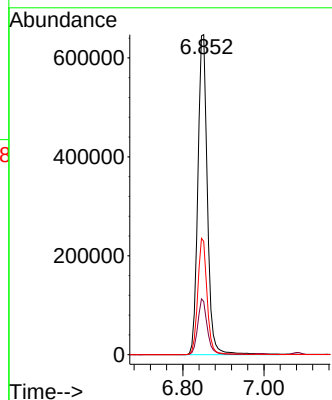
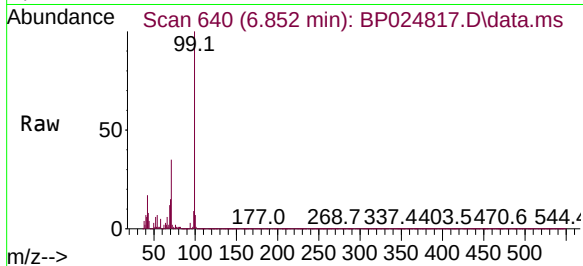




#7
Phenol-d6
Concen: 108.730 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

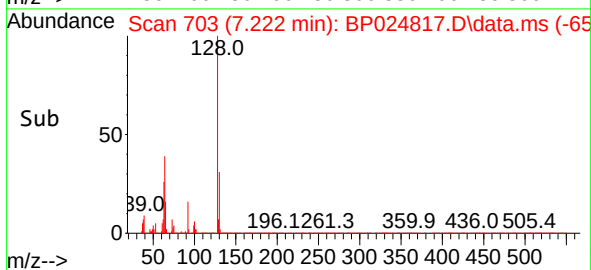
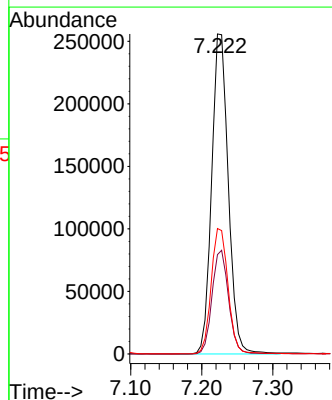
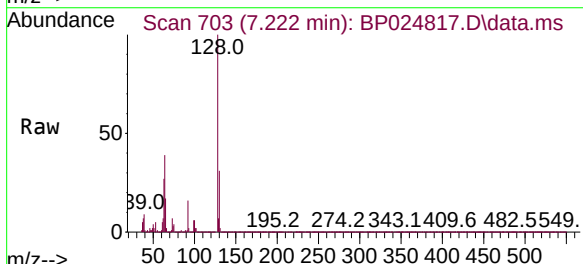
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

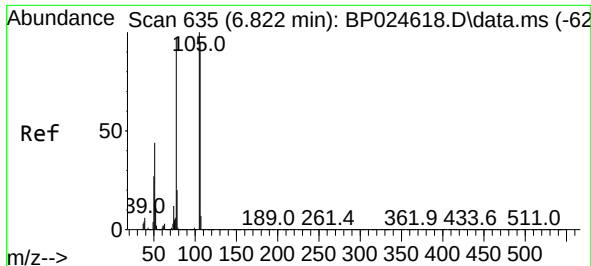
Tgt Ion: 99 Resp: 1063290
Ion Ratio Lower Upper
99 100
42 16.6 14.4 21.6
71 35.4 29.2 43.8



#8
2-Chlorophenol
Concen: 47.861 ng
RT: 7.222 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 128 Resp: 416306
Ion Ratio Lower Upper
128 100
130 31.1 13.0 53.0
64 39.2 22.3 62.3

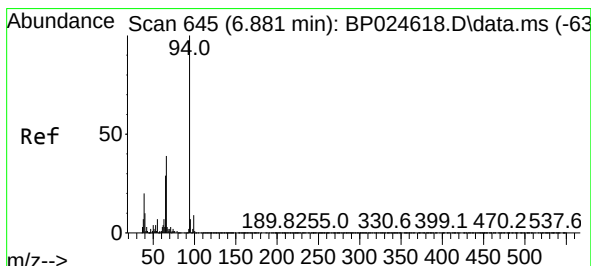
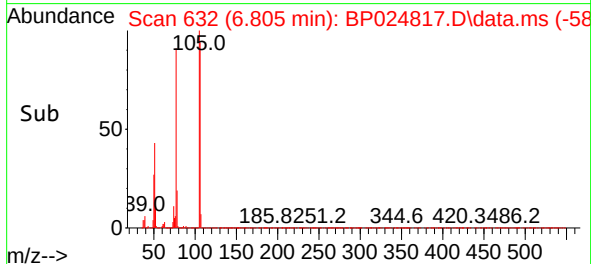
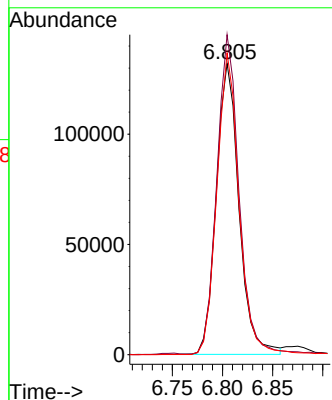
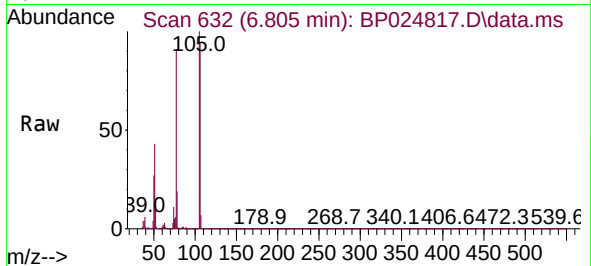




#9
Benzaldehyde
Concen: 32.745 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

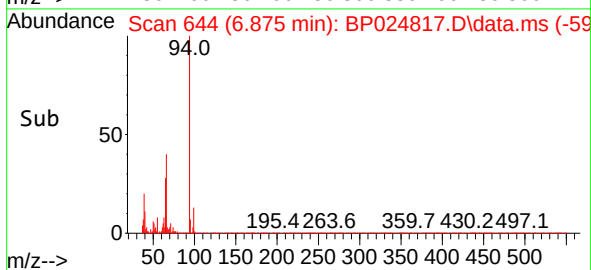
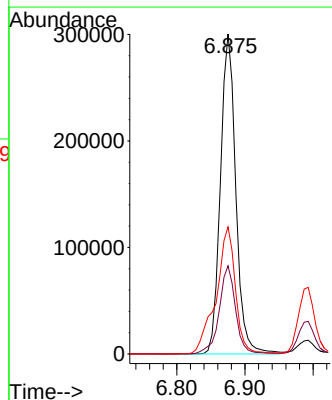
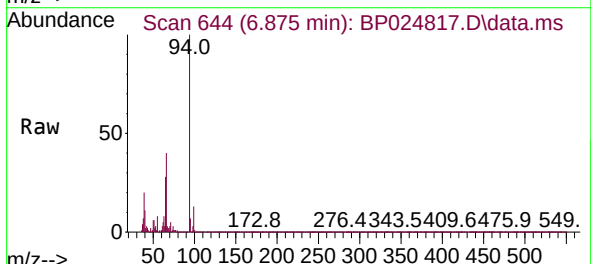
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

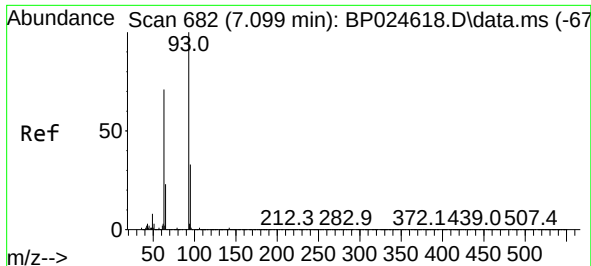
Tgt Ion: 77 Resp: 207290
Ion Ratio Lower Upper
77 100
105 109.9 83.3 123.3
106 103.6 78.0 118.0



#10
Phenol
Concen: 46.725 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 94 Resp: 471609
Ion Ratio Lower Upper
94 100
65 27.6 8.7 48.7
66 39.7 19.4 59.4

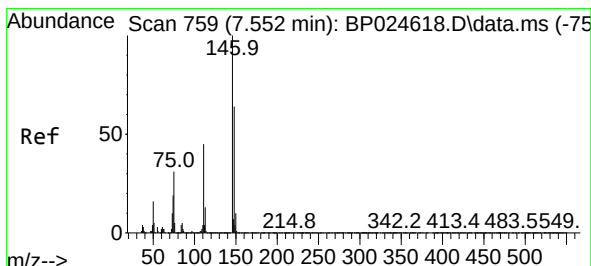
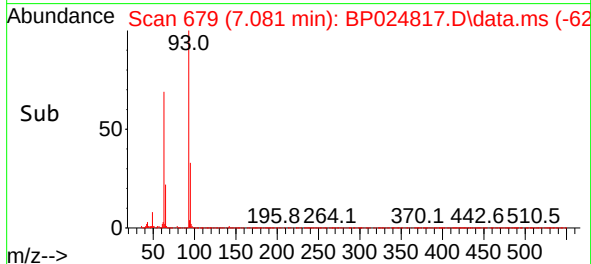
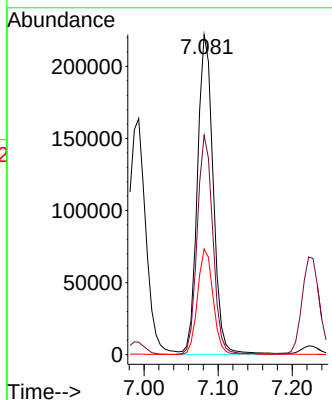
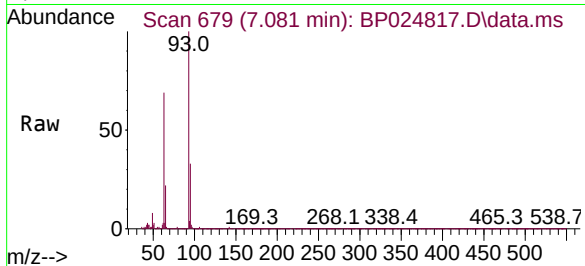




#11
bis(2-Chloroethyl)ether
Concen: 39.518 ng
RT: 7.081 min Scan# 611
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

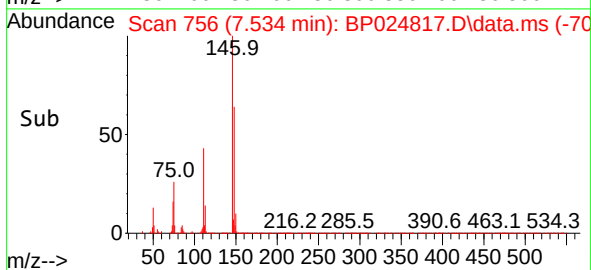
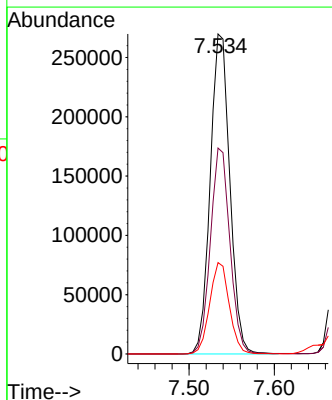
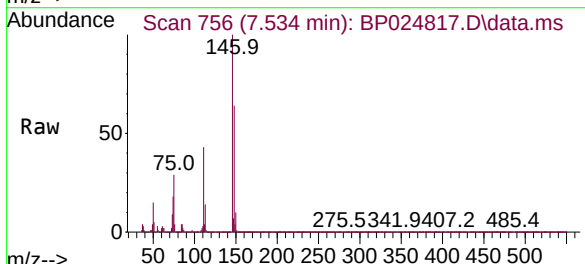
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

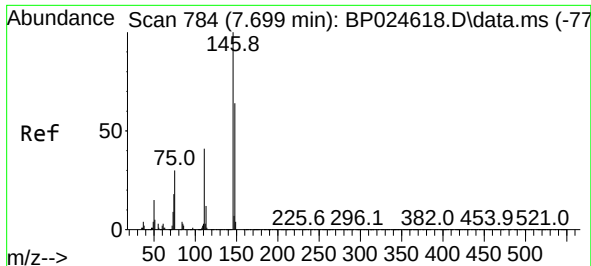
Tgt Ion: 93 Resp: 327748
Ion Ratio Lower Upper
93 100
63 68.6 50.6 90.6
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.074 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 146 Resp: 431060
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 28.6 25.2 37.8

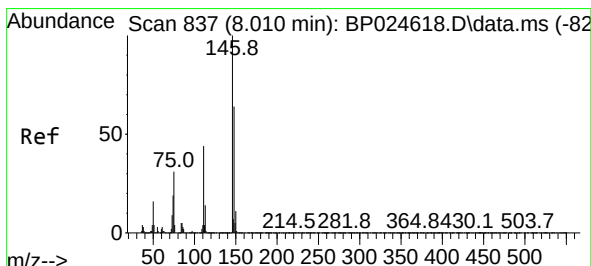
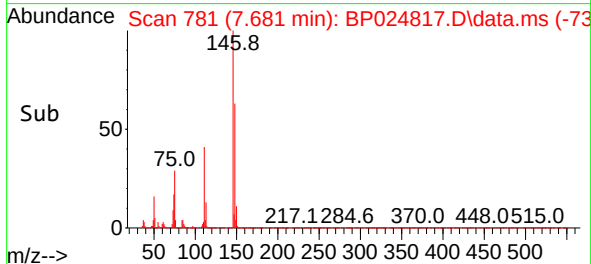
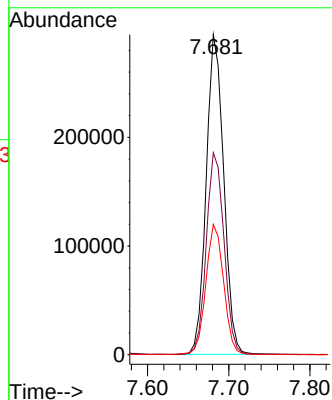
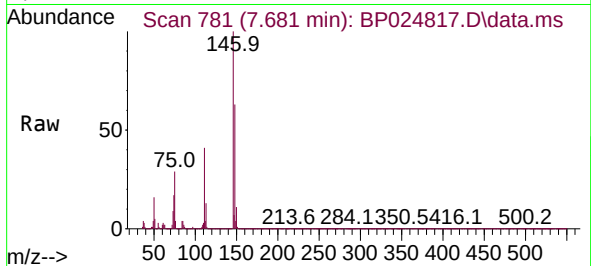




#13
1,4-Dichlorobenzene
Concen: 43.727 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

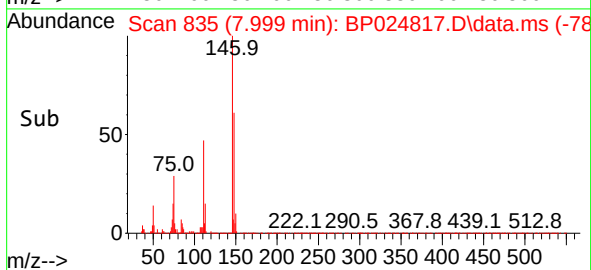
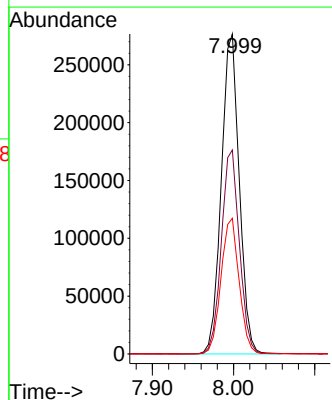
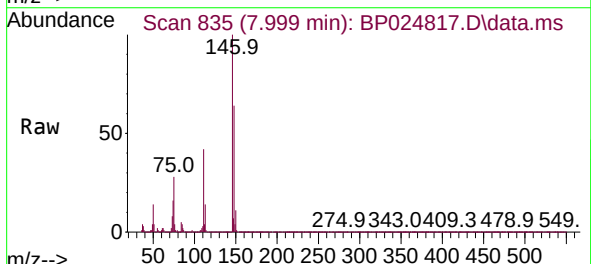
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

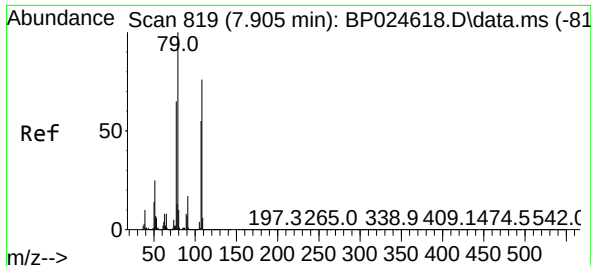
Tgt Ion:146 Resp: 440123
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 40.7 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 43.390 ng
RT: 7.999 min Scan# 835
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:146 Resp: 425559
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
111 42.4 35.2 52.8

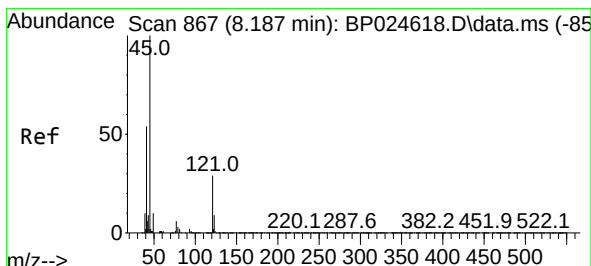
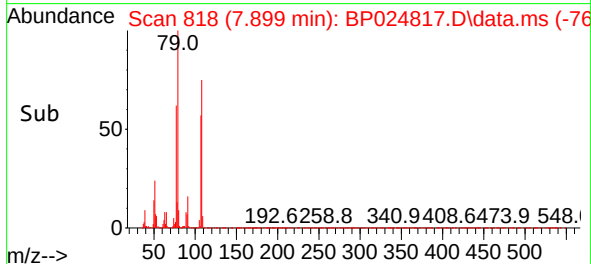
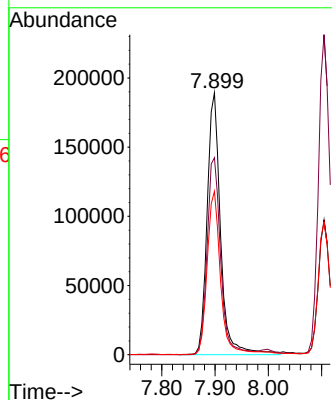
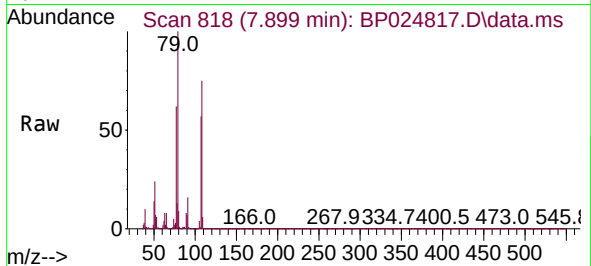




#15
Benzyl Alcohol
Concen: 44.586 ng
RT: 7.899 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

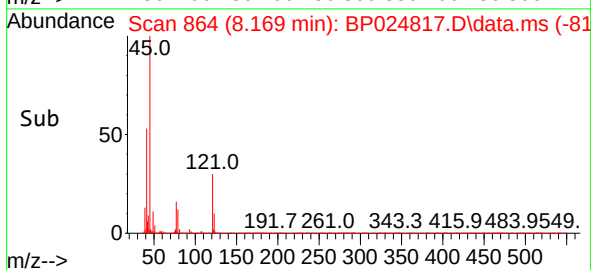
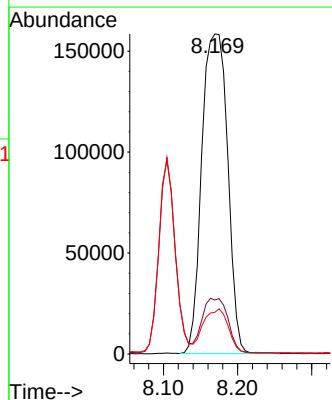
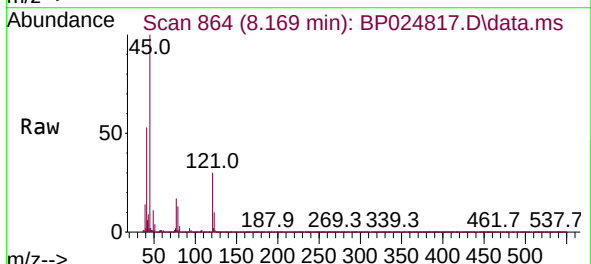
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

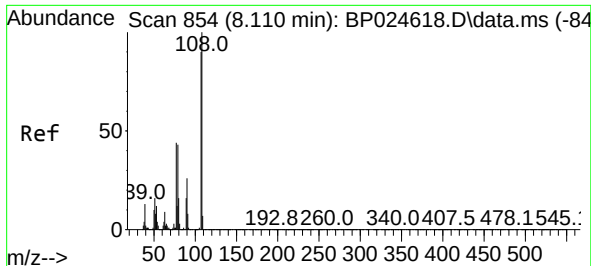
Tgt Ion: 79 Resp: 331337
Ion Ratio Lower Upper
79 100
108 75.2 60.8 91.2
77 62.4 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.617 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 45 Resp: 383559
Ion Ratio Lower Upper
45 100
77 16.8 0.0 37.7
79 13.0 0.0 34.0

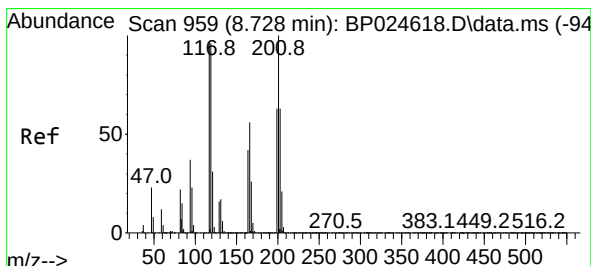
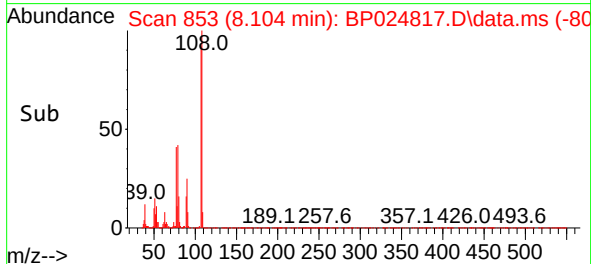
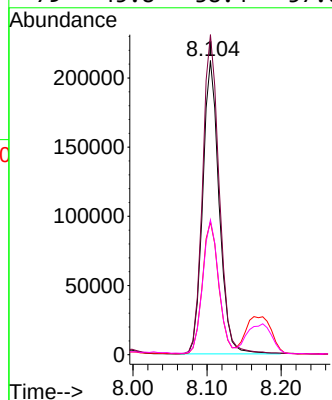
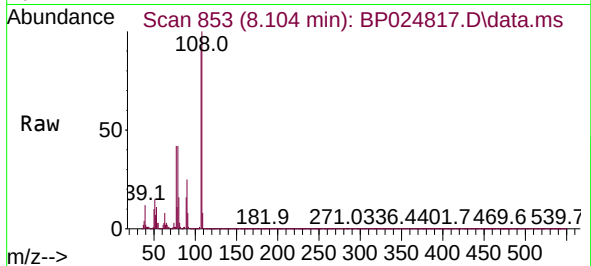




#17
2-Methylphenol
Concen: 45.122 ng
RT: 8.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

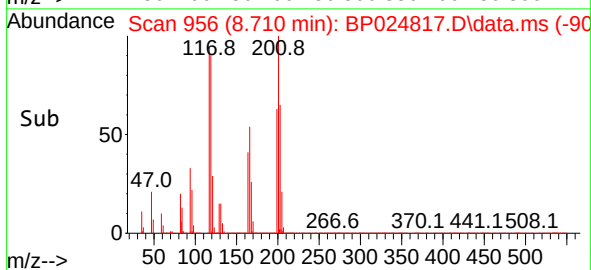
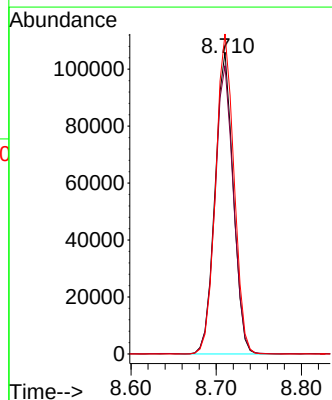
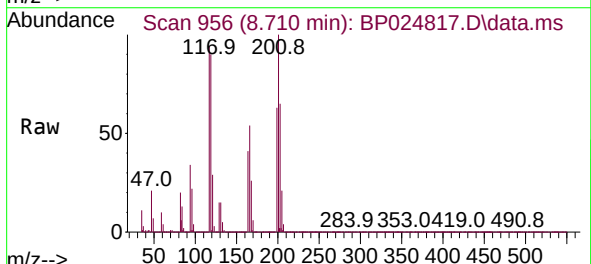
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

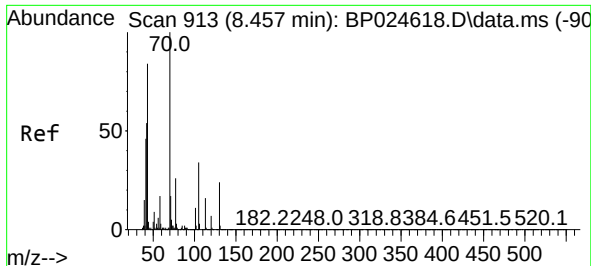
Tgt Ion:107 Resp: 326652
Ion Ratio Lower Upper
107 100
108 108.8 88.9 133.3
77 45.2 39.0 58.6
79 45.8 38.4 57.6



#18
Hexachloroethane
Concen: 40.697 ng
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:117 Resp: 156971
Ion Ratio Lower Upper
117 100
119 95.5 79.4 119.0
201 106.0 82.7 124.1

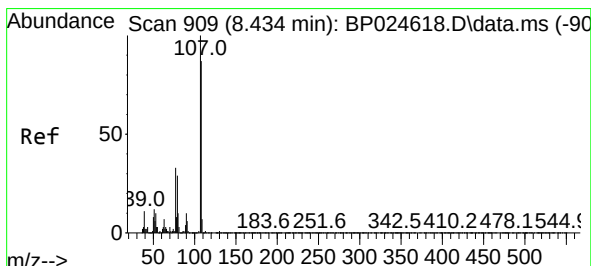
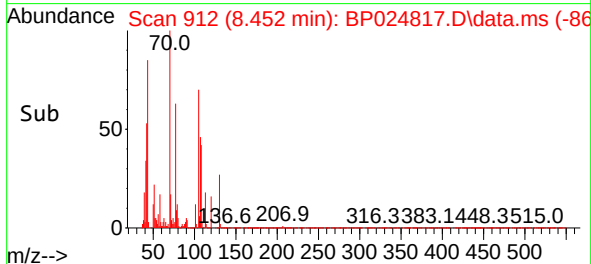
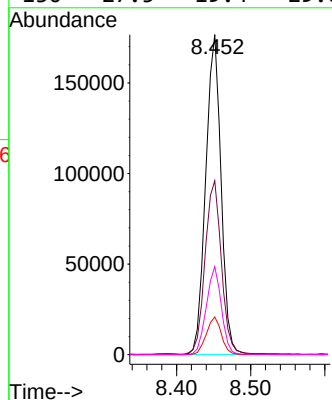
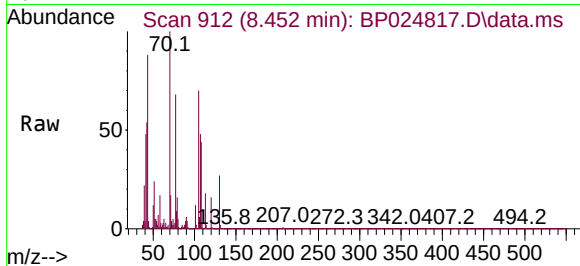




#19
n-Nitroso-di-n-propylamine
Concen: 37.582 ng
RT: 8.452 min Scan# 913
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

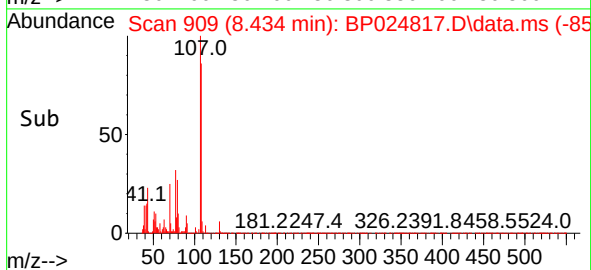
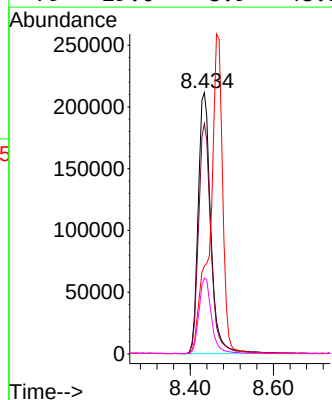
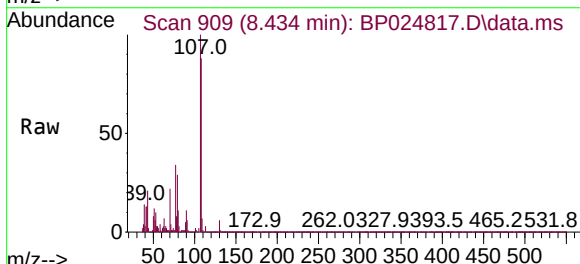
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

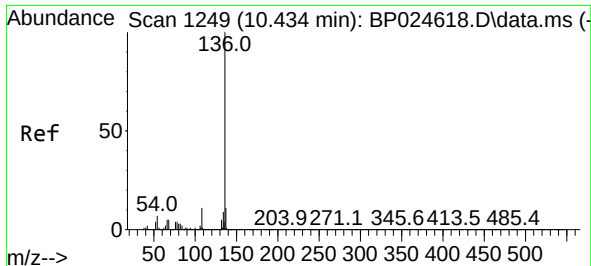
Tgt Ion: 70 Resp: 254227
Ion Ratio Lower Upper
70 100
42 54.4 43.0 64.6
101 11.8 8.7 13.1
130 27.5 19.4 29.0



#20
3+4-Methylphenols
Concen: 45.003 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 107 Resp: 443155
Ion Ratio Lower Upper
107 100
108 88.1 66.7 106.7
77 33.6 13.1 53.1
79 29.0 8.9 48.9

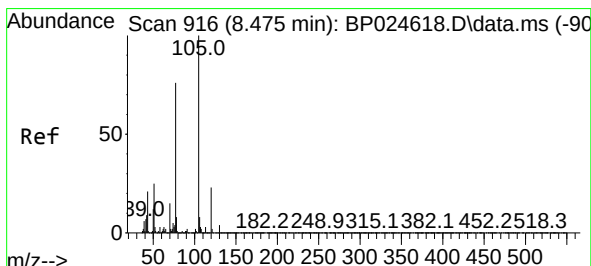
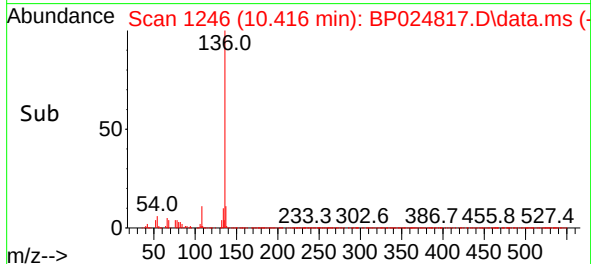
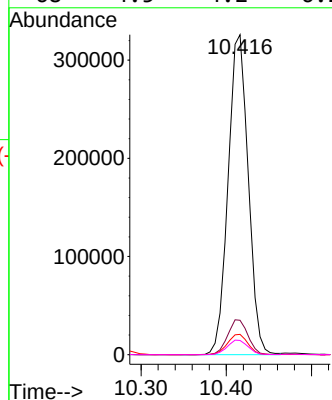
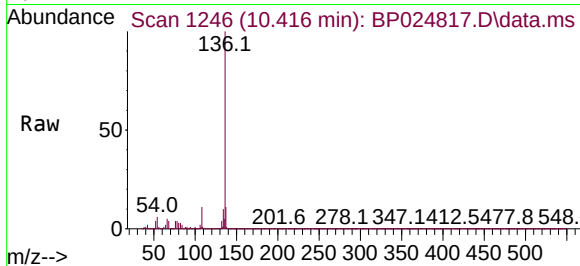




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

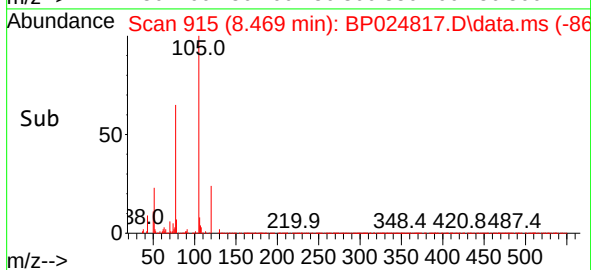
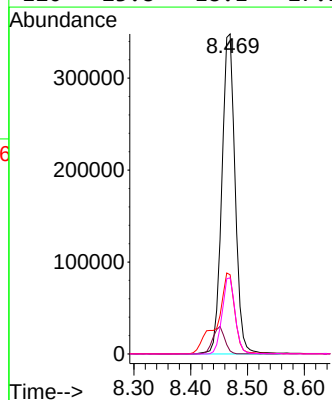
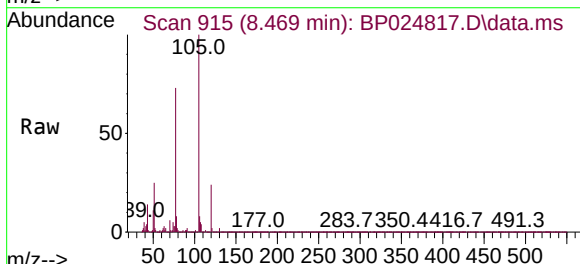
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

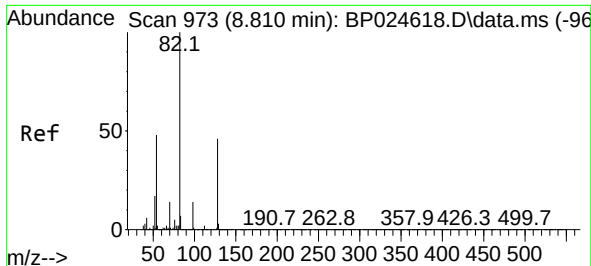
Tgt Ion:	136	Resp:	534404
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	5.5	8.3
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 42.536 ng
RT: 8.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:	105	Resp:	567821
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.0	3.0
51	24.8	20.4	30.6
120	23.8	18.1	27.1

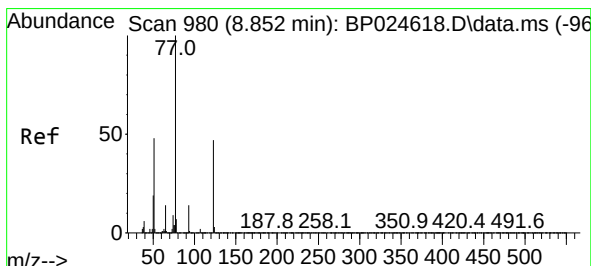
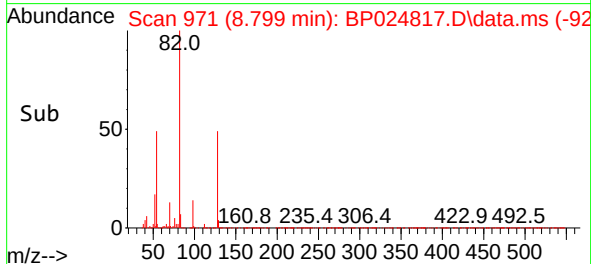
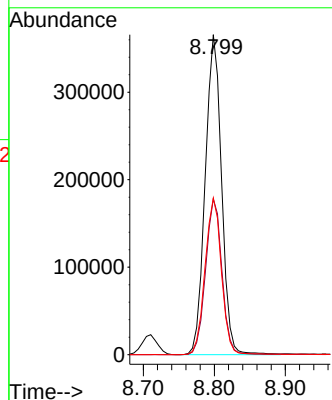
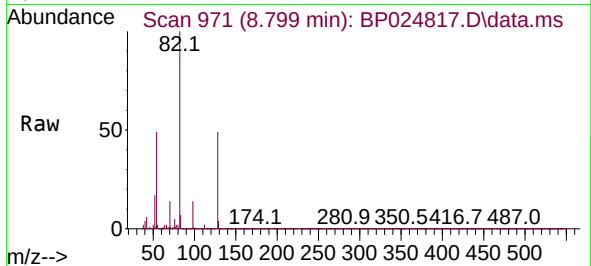




#23
Nitrobenzene-d5
Concen: 55.487 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

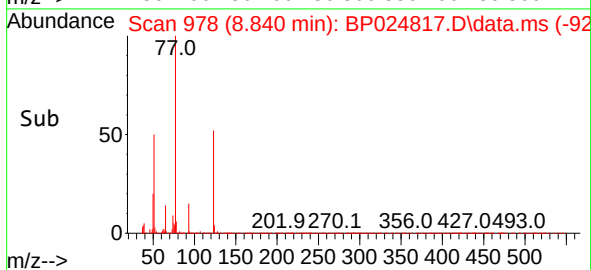
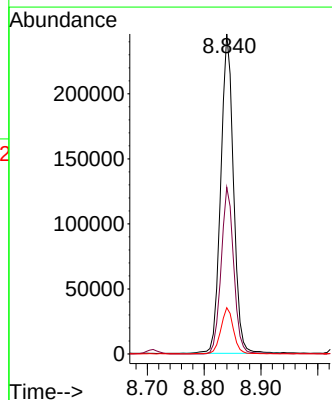
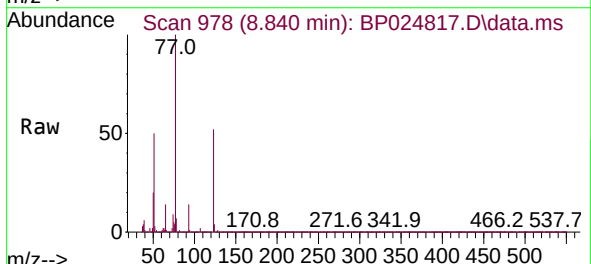
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

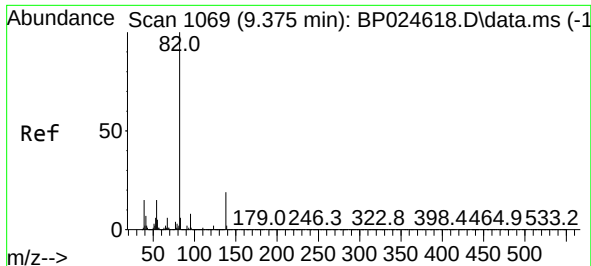
Tgt Ion: 82 Resp: 586873
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 49.0 38.7 58.1



#24
Nitrobenzene
Concen: 41.349 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 77 Resp: 384861
Ion Ratio Lower Upper
77 100
123 52.1 37.4 56.0
65 14.5 11.3 16.9

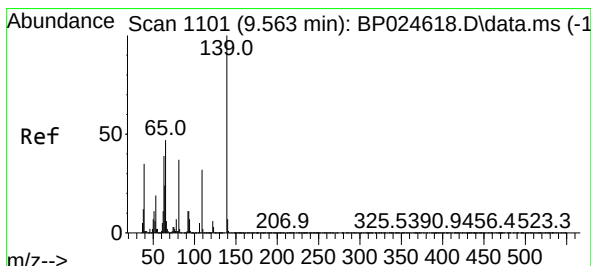
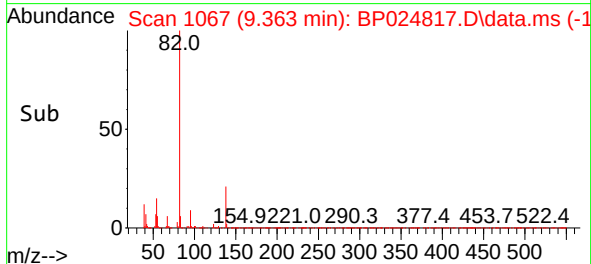
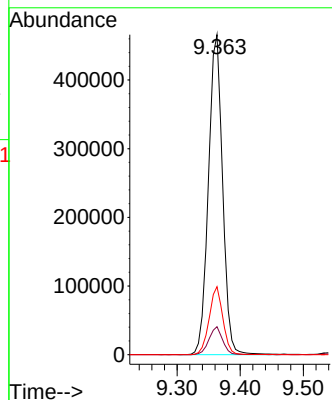
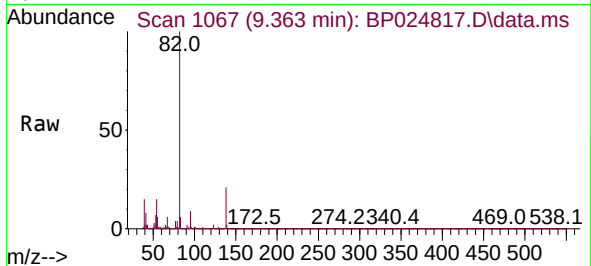




#25
Isophorone
Concen: 39.574 ng
RT: 9.363 min Scan# 1067
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

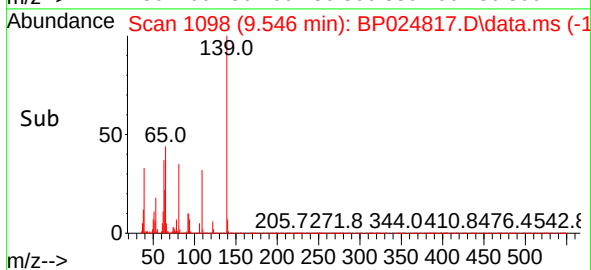
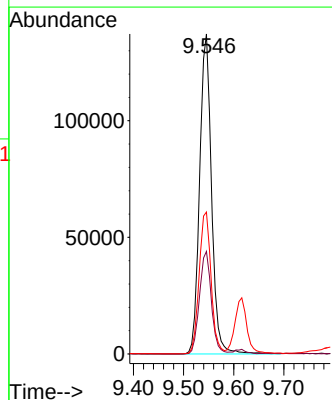
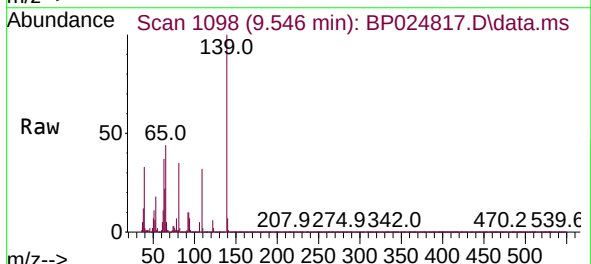
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

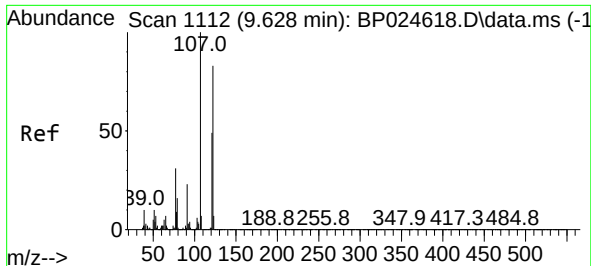
Tgt Ion: 82 Resp: 726046
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 21.2 15.3 22.9



#26
2-Nitrophenol
Concen: 49.583 ng
RT: 9.546 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 139 Resp: 226141
Ion Ratio Lower Upper
139 100
109 32.1 25.9 38.9
65 44.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 47.095 ng

RT: 9.616 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

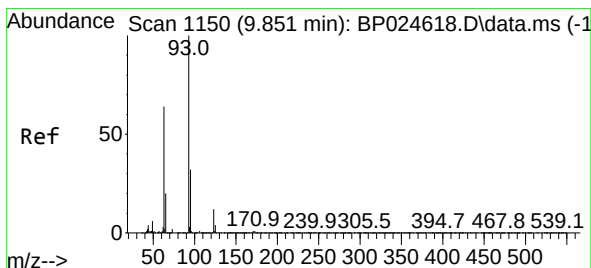
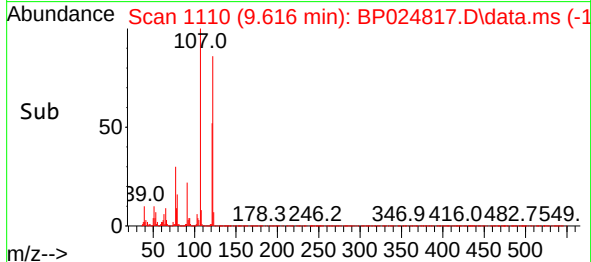
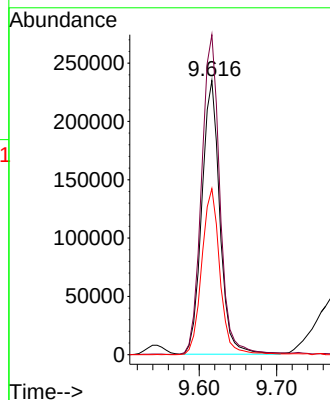
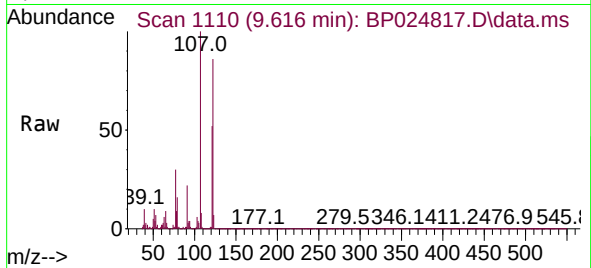
Tgt Ion:122 Resp: 378702

Ion Ratio Lower Upper

122 100

107 116.7 96.2 144.2

121 60.6 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.027 ng

RT: 9.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

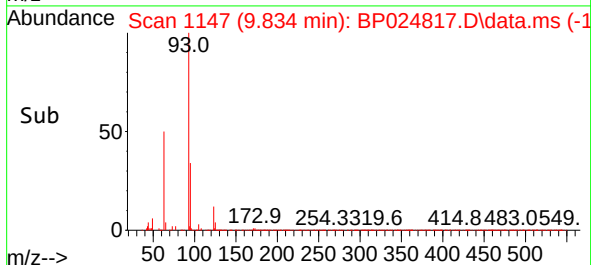
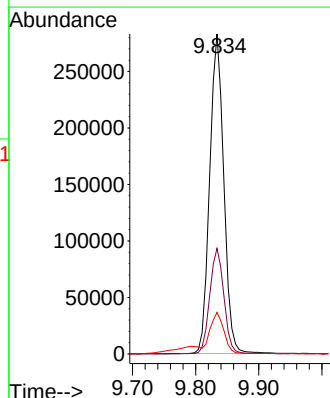
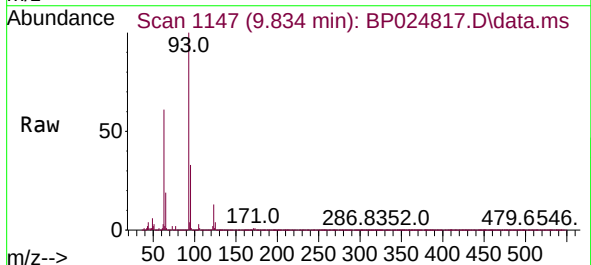
Tgt Ion: 93 Resp: 438735

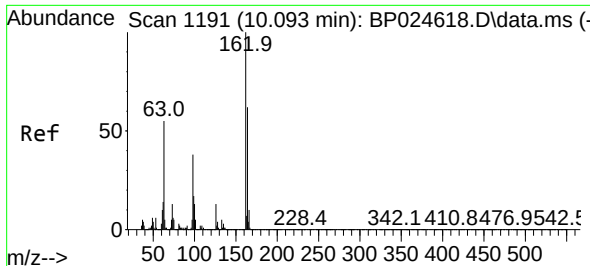
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 13.0 9.7 14.5

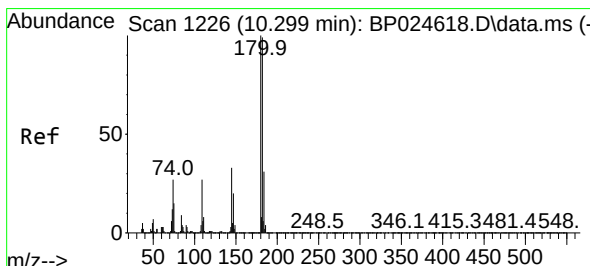
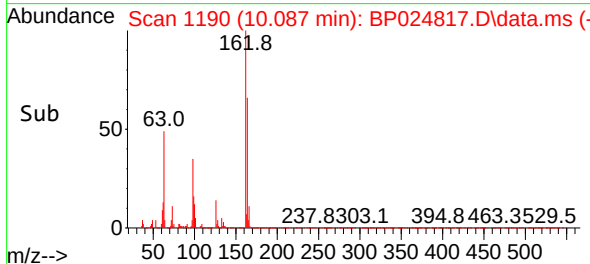
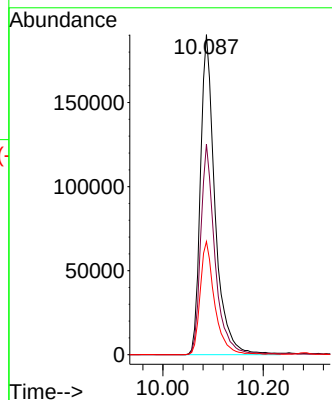
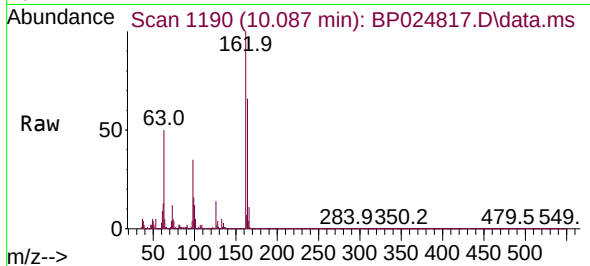




#29
2,4-Dichlorophenol
Concen: 49.220 ng
RT: 10.087 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

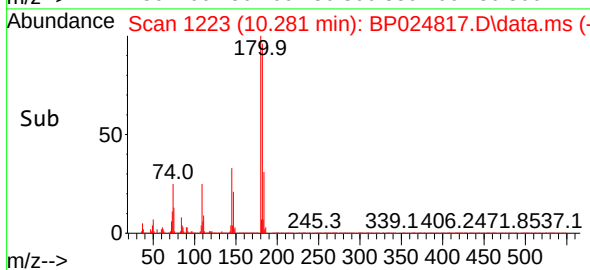
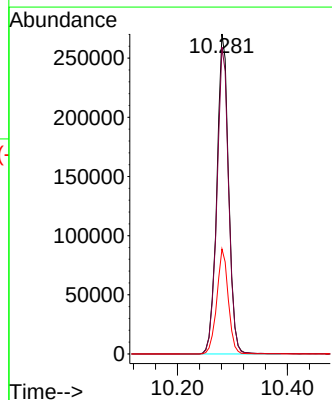
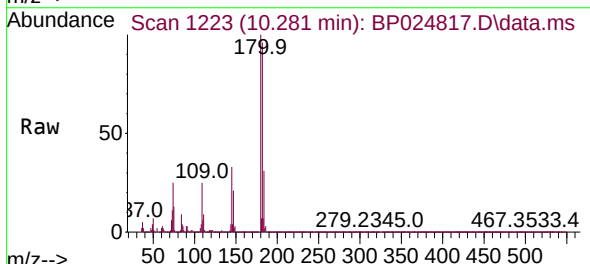
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

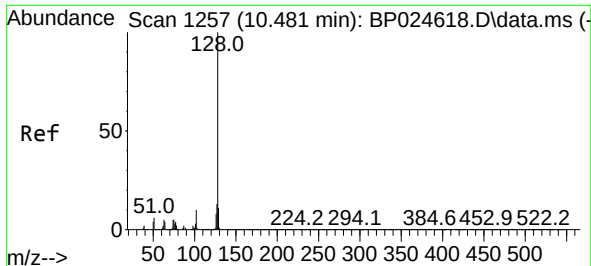
Tgt Ion:162 Resp: 383549
Ion Ratio Lower Upper
162 100
164 65.8 42.3 82.3
98 35.4 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 45.780 ng
RT: 10.281 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:180 Resp: 402001
Ion Ratio Lower Upper
180 100
182 95.8 79.0 118.4
145 32.8 26.6 39.8

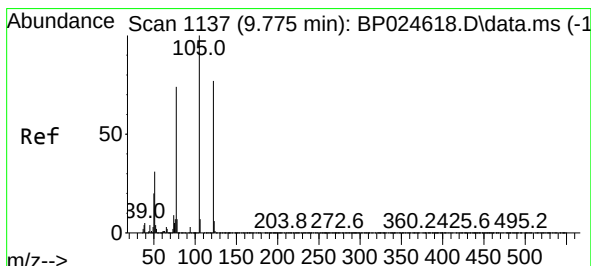
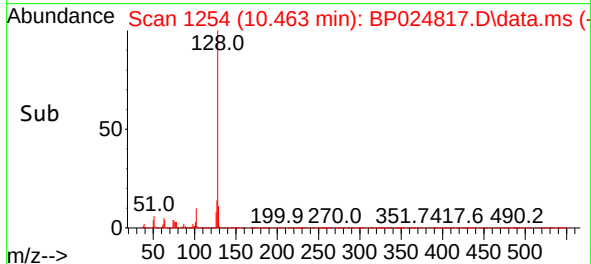
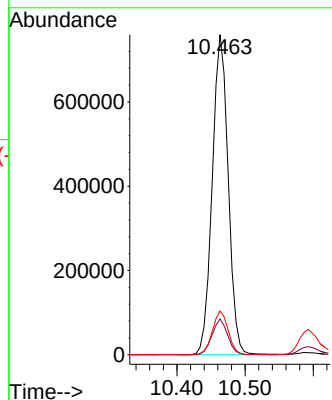
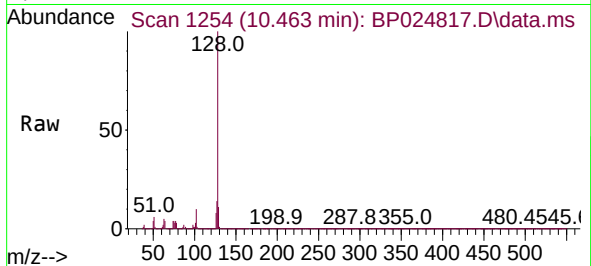




#31
Naphthalene
Concen: 44.584 ng
RT: 10.463 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

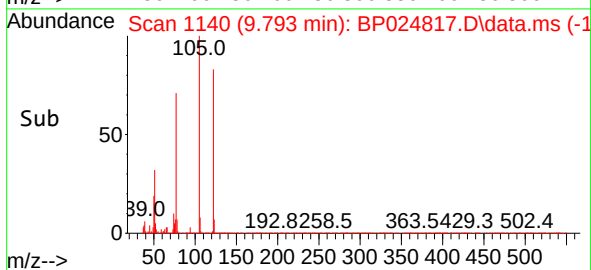
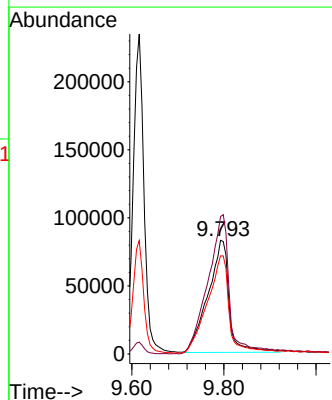
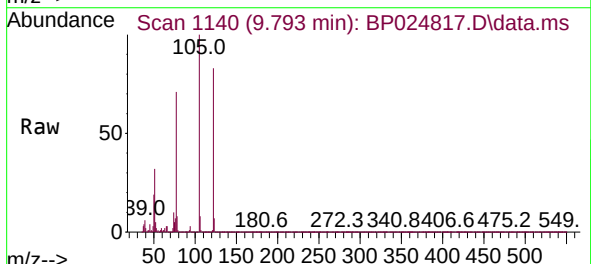
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

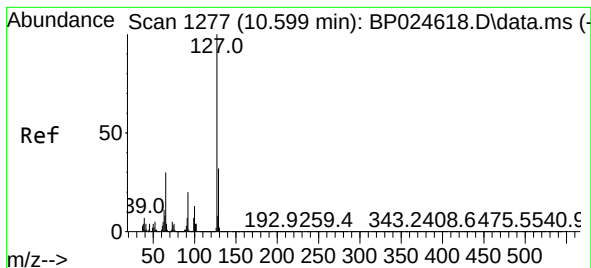
Tgt Ion:128 Resp: 1234668
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 47.080 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:122 Resp: 262609
Ion Ratio Lower Upper
122 100
105 120.9 106.9 146.9
77 86.4 75.1 115.1





#33

4-Chloroaniline

Concen: 11.664 ng

RT: 10.593 min Scan# 1302

Delta R.T. 0.012 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

Tgt Ion:127 Resp: 130344

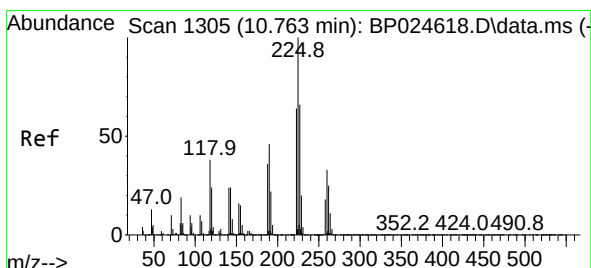
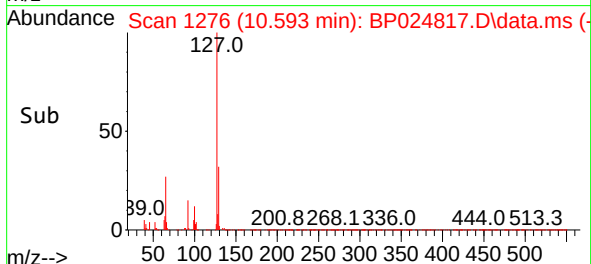
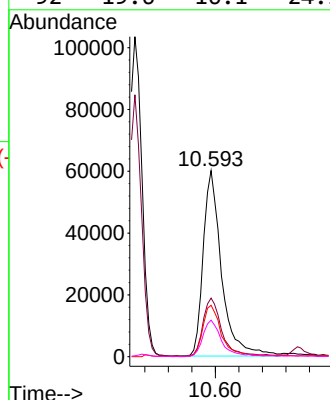
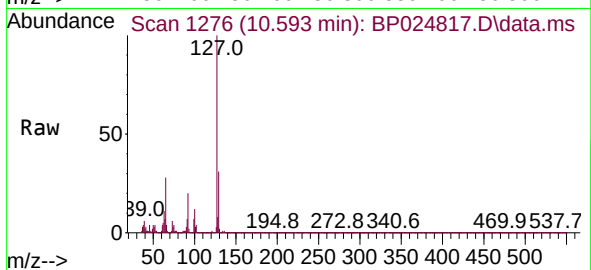
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.6

65 27.7 23.9 35.9

92 19.6 16.1 24.1



#34

Hexachlorobutadiene

Concen: 45.109 ng

RT: 10.746 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

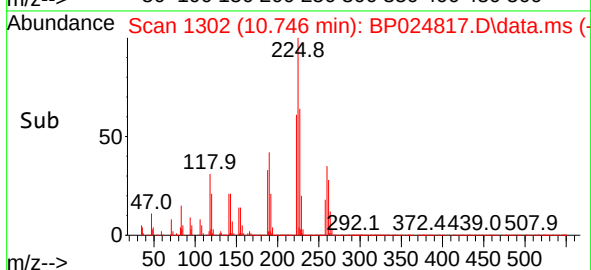
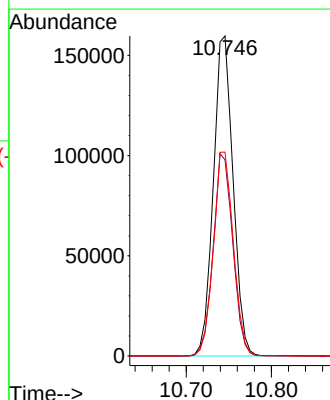
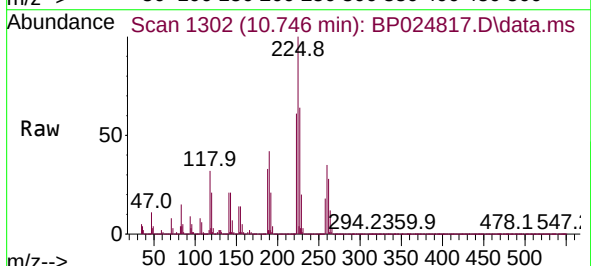
Tgt Ion:225 Resp: 256607

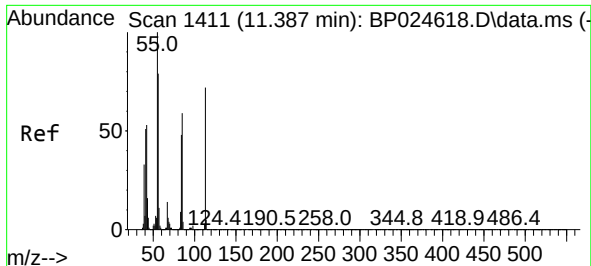
Ion Ratio Lower Upper

225 100

223 61.3 51.0 76.6

227 63.7 53.1 79.7

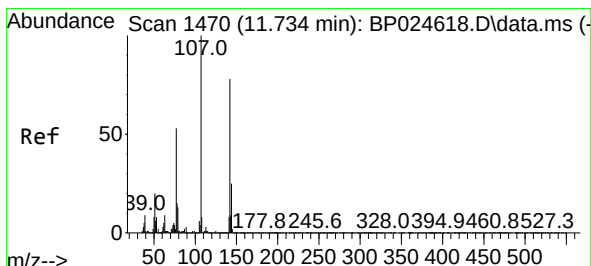
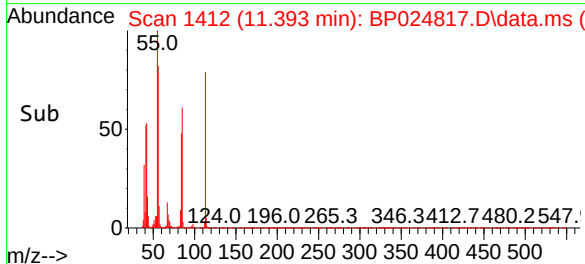
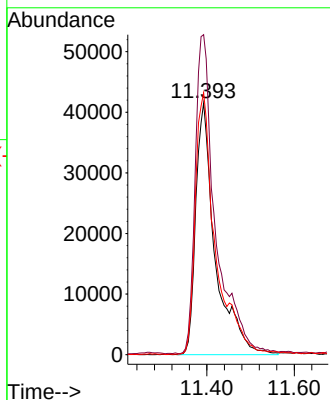
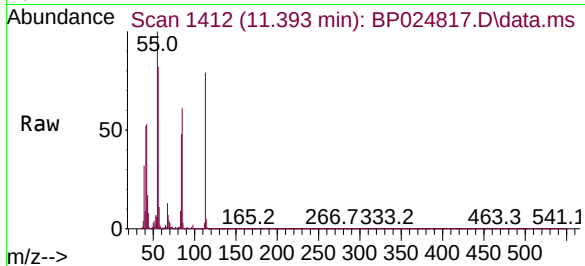




#35
Caprolactam
Concen: 45.756 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

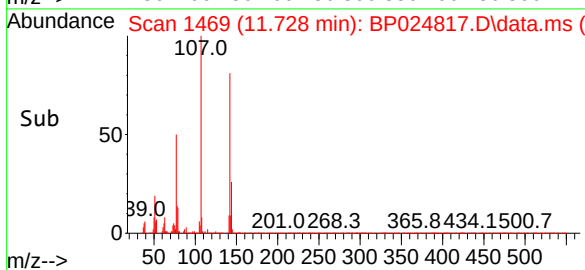
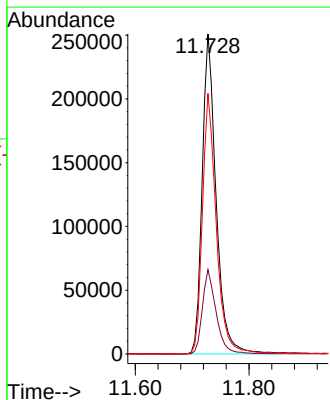
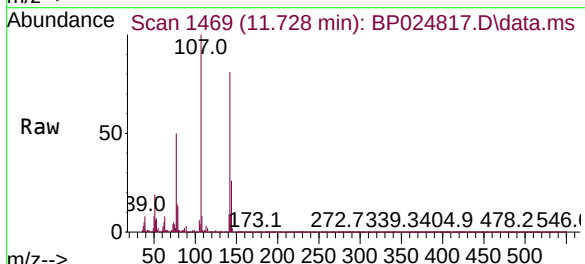
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

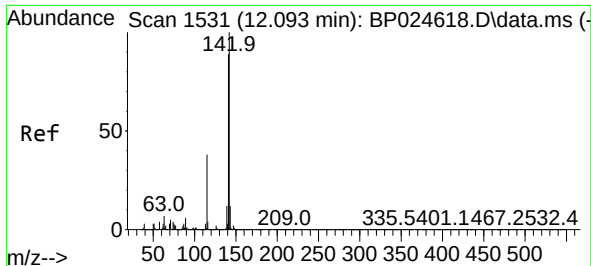
Tgt Ion:113 Resp: 129000
Ion Ratio Lower Upper
113 100
55 127.2 119.0 159.0
56 104.1 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 44.743 ng
RT: 11.728 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:107 Resp: 425184
Ion Ratio Lower Upper
107 100
144 26.4 20.1 30.1
142 81.4 62.1 93.1

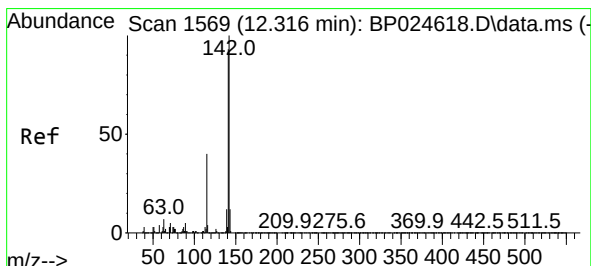
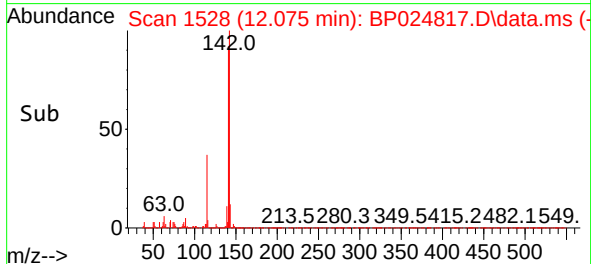
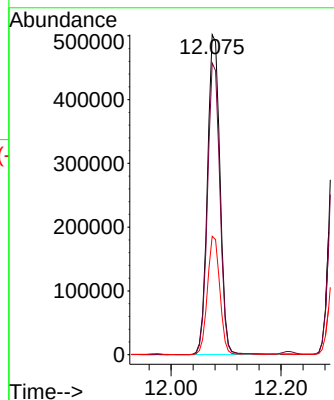
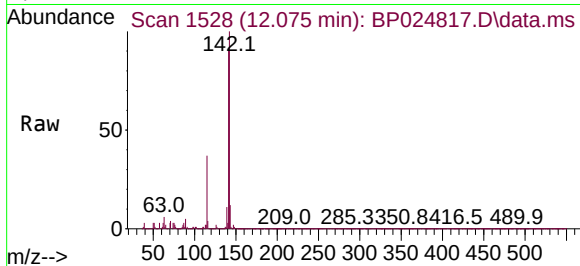




#37
2-Methylnaphthalene
Concen: 44.339 ng
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

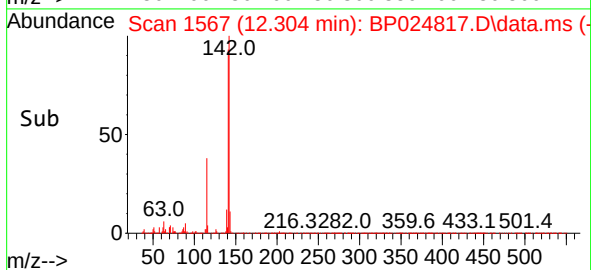
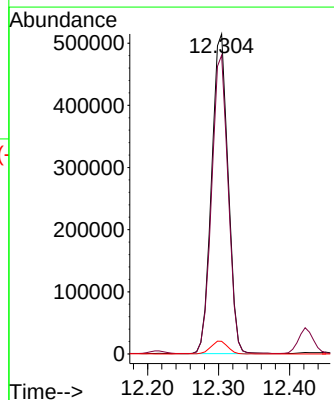
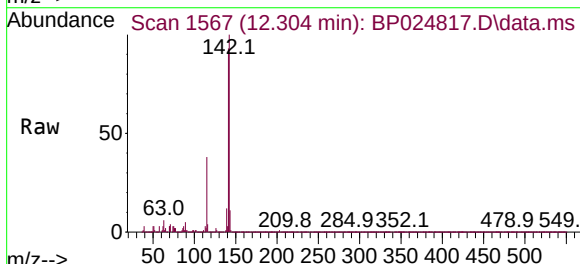
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

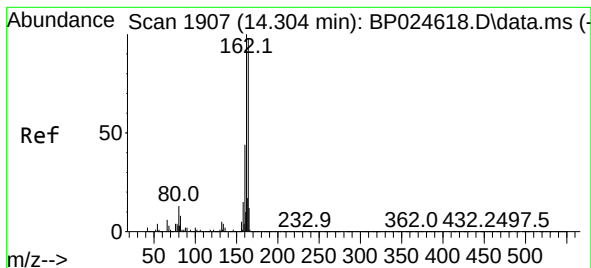
Tgt Ion:142 Resp: 795079
Ion Ratio Lower Upper
142 100
141 91.1 71.2 106.8
115 37.0 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.223 ng
RT: 12.304 min Scan# 1567
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:142 Resp: 829298
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1
116 4.0 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: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

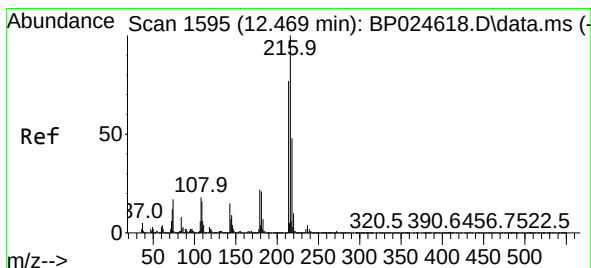
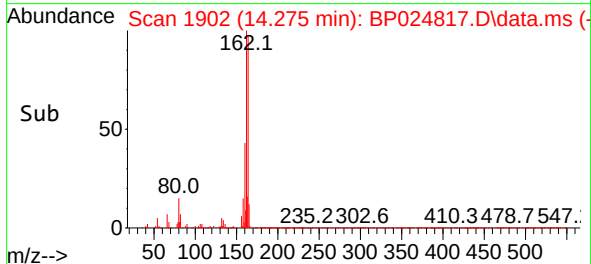
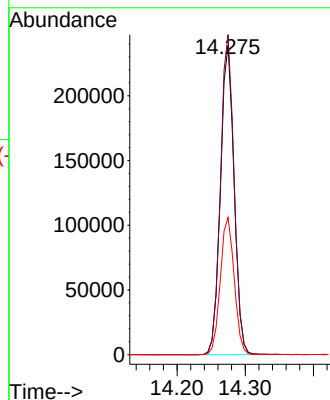
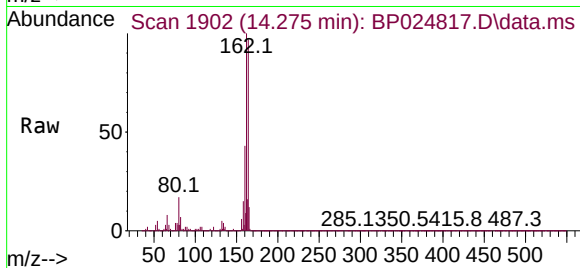
Tgt Ion:164 Resp: 332641

Ion Ratio Lower Upper

164 100

162 103.4 81.8 122.6

160 44.4 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.692 ng

RT: 12.451 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Tgt Ion:216 Resp: 460683

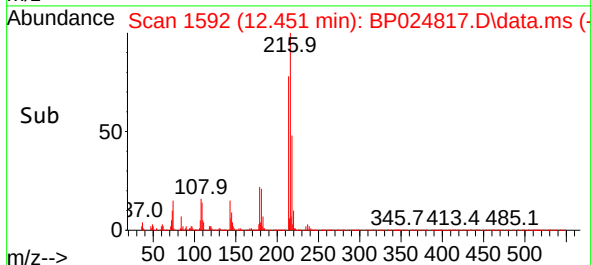
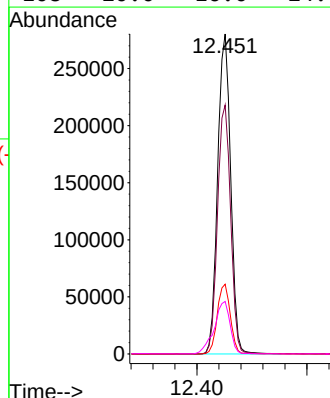
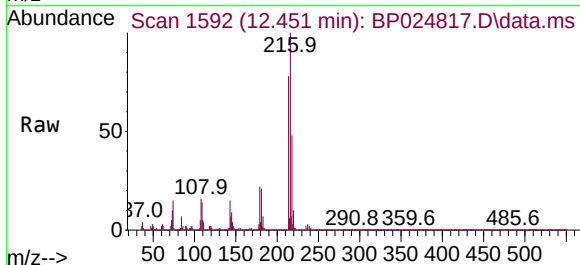
Ion Ratio Lower Upper

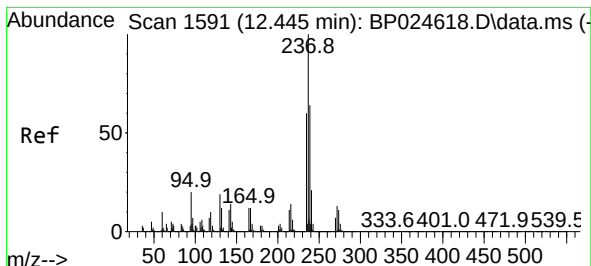
216 100

214 78.5 62.3 93.5

179 21.9 17.7 26.5

108 20.0 16.0 24.0

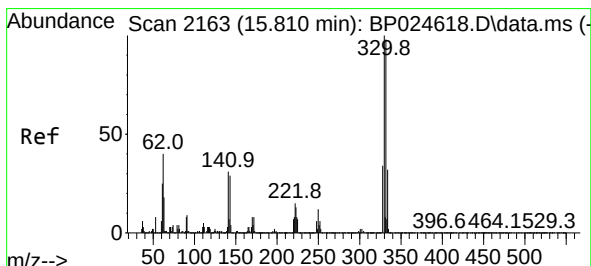
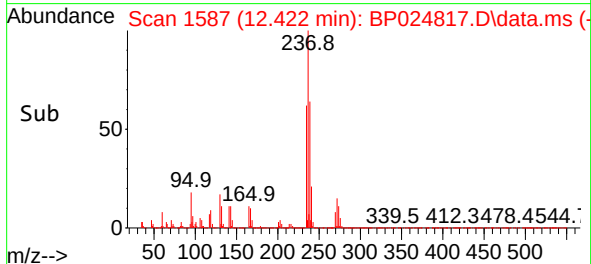
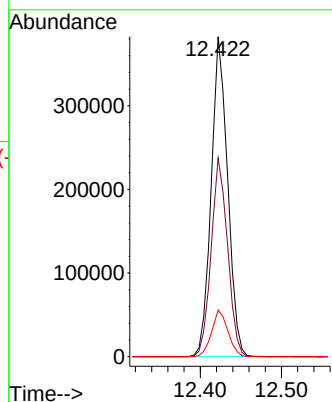
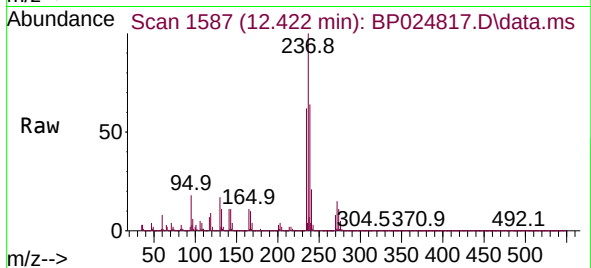




#41
Hexachlorocyclopentadiene
Concen: 91.637 ng
RT: 12.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

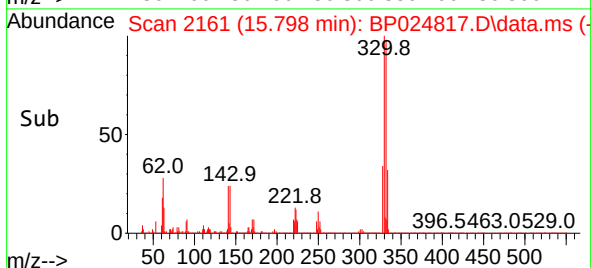
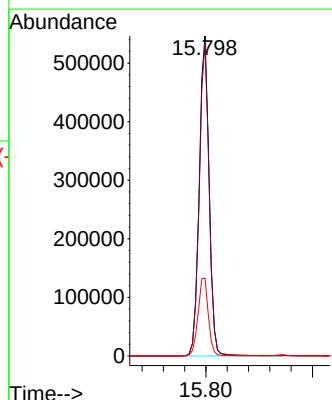
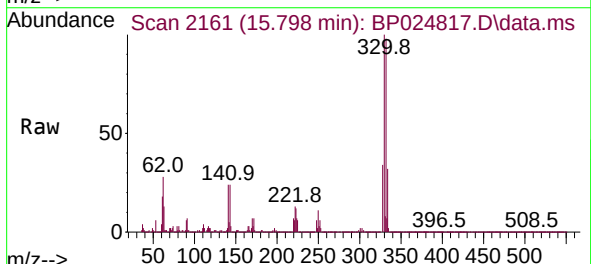
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

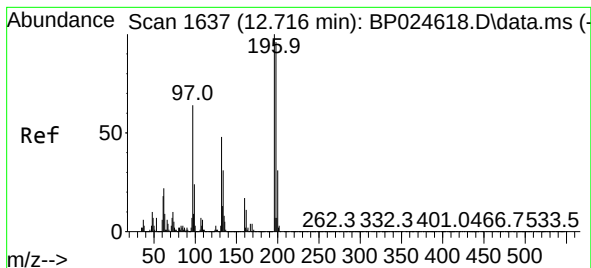
Tgt Ion:237 Resp: 536736
Ion Ratio Lower Upper
237 100
235 62.1 39.9 79.9
272 14.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 125.315 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:330 Resp: 706677
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 25.4 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 50.987 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

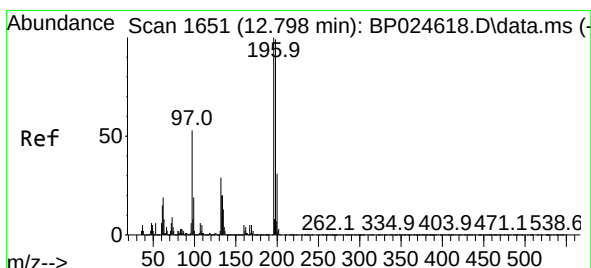
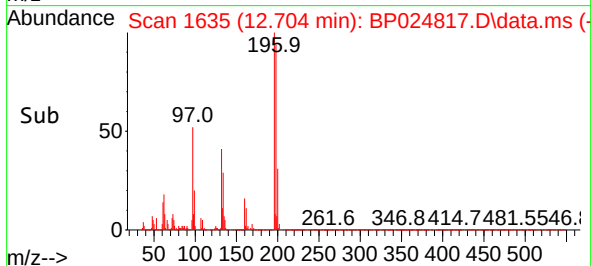
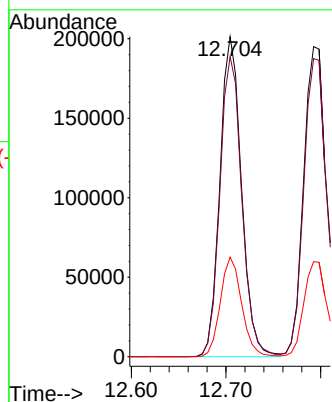
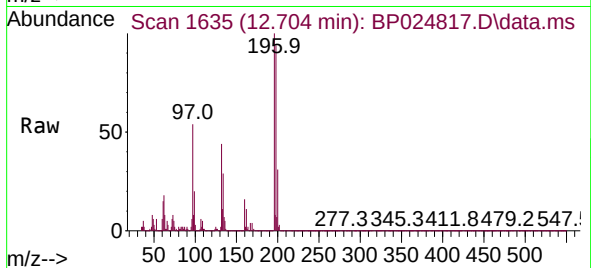
Tgt Ion:196 Resp: 319001

Ion Ratio Lower Upper

196 100

198 93.8 76.9 115.3

200 31.1 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 50.682 ng

RT: 12.792 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Tgt Ion:196 Resp: 352969

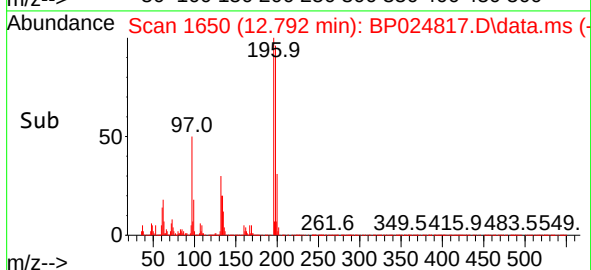
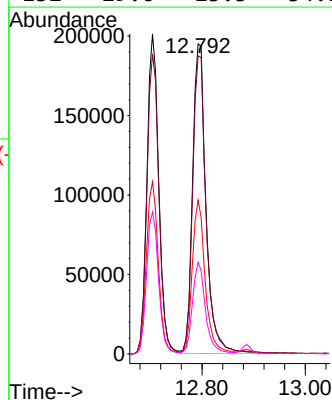
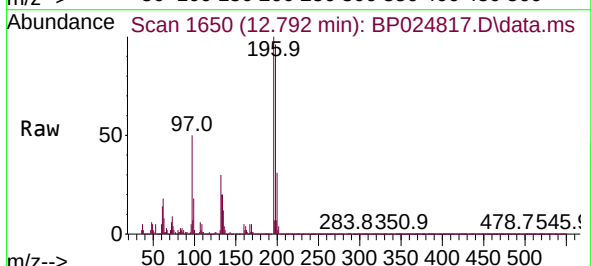
Ion Ratio Lower Upper

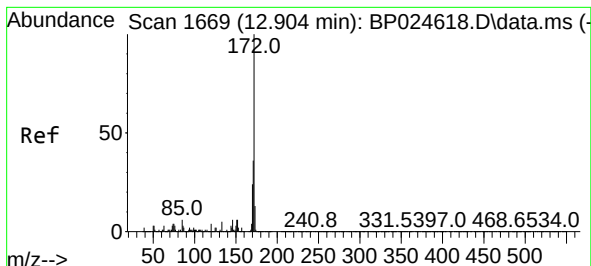
196 100

198 96.1 79.2 118.8

97 49.6 42.3 63.5

132 29.6 23.3 34.9

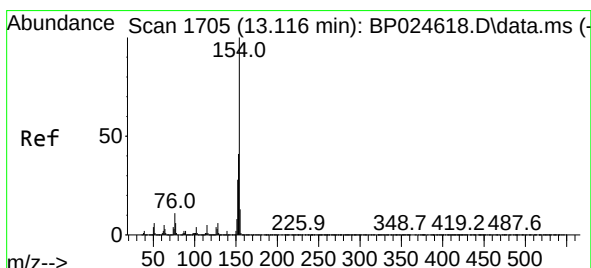
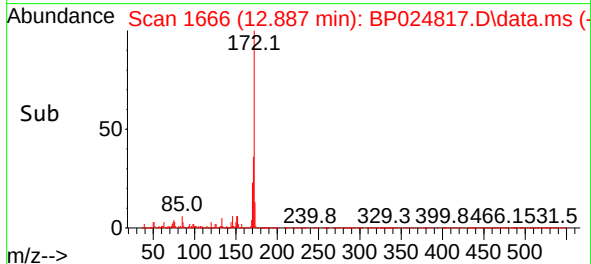
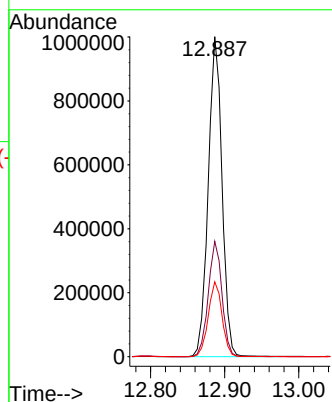
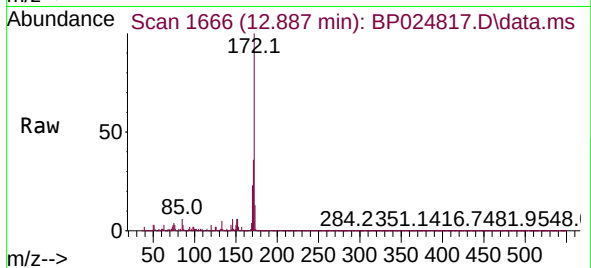




#45
2-Fluorobiphenyl
Concen: 50.992 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

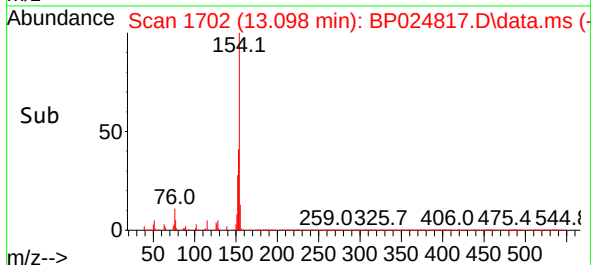
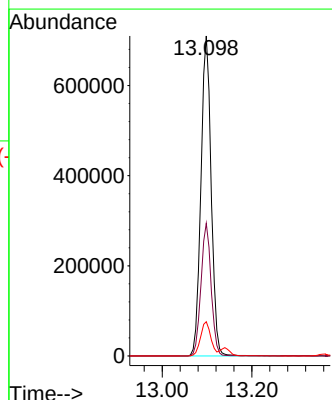
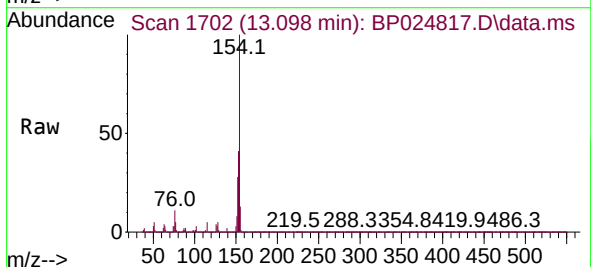
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

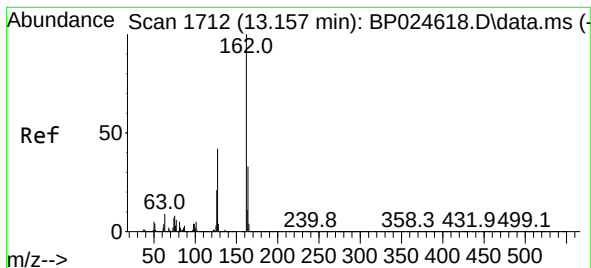
Tgt Ion:172 Resp: 1294700
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.641 ng
RT: 13.098 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:154 Resp: 1122131
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 10.7 0.0 31.5

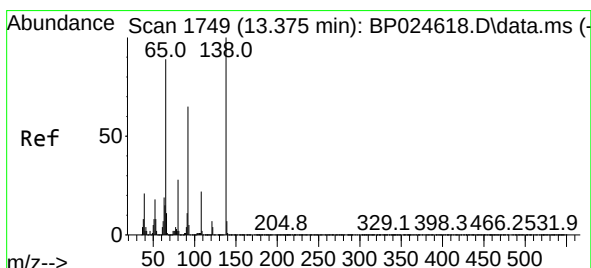
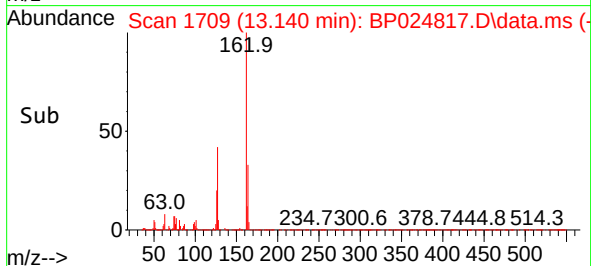
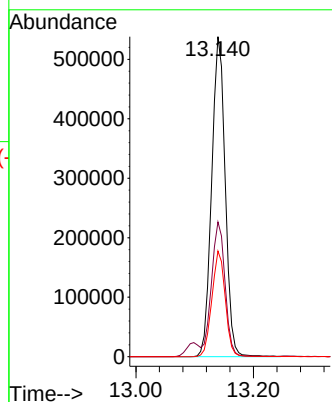
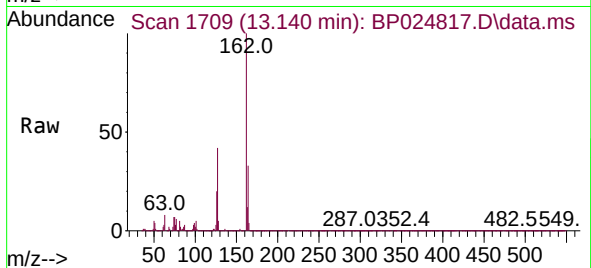




#47
2-Chloronaphthalene
Concen: 45.904 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

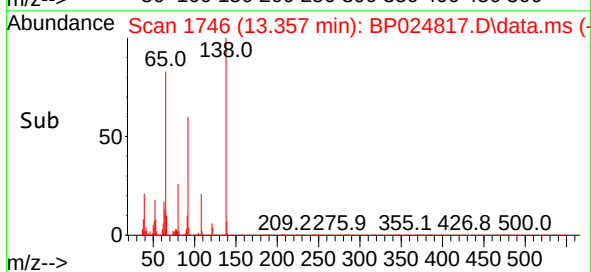
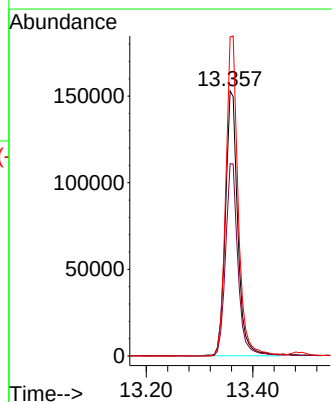
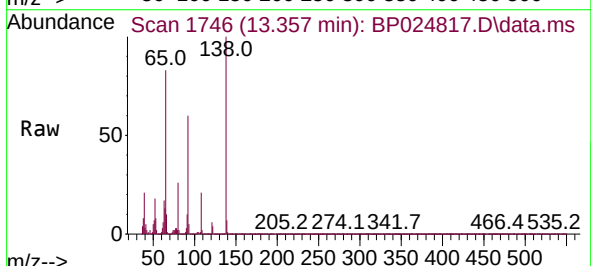
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

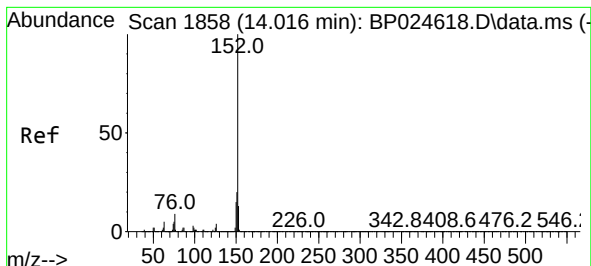
Tgt Ion:162 Resp: 860511
Ion Ratio Lower Upper
162 100
127 42.1 33.8 50.6
164 33.0 26.0 39.0



#48
2-Nitroaniline
Concen: 44.309 ng
RT: 13.357 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion: 65 Resp: 245915
Ion Ratio Lower Upper
65 100
92 72.5 58.7 88.1
138 120.5 90.2 135.2





#49

Acenaphthylene

Concen: 45.425 ng

RT: 13.992 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

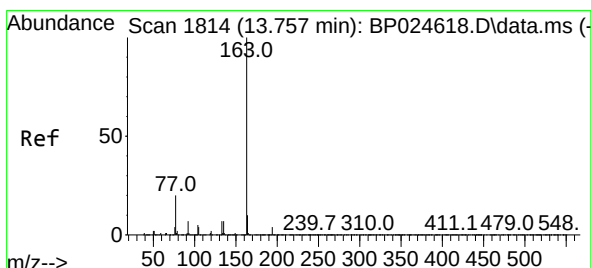
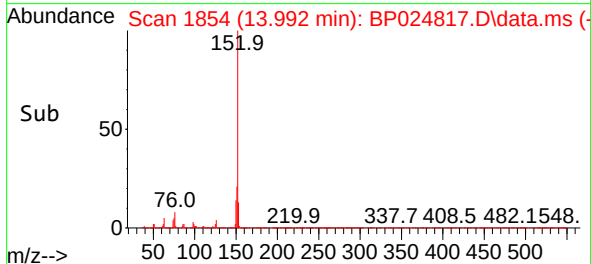
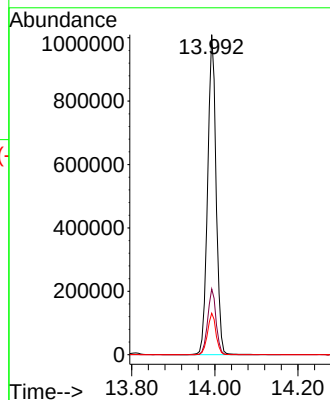
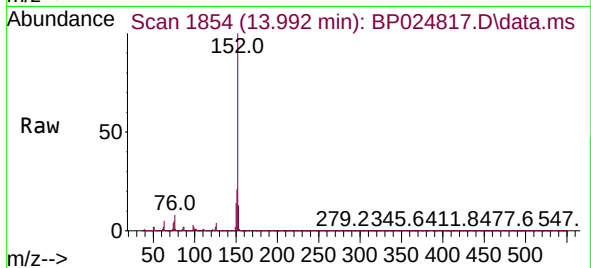
Tgt Ion:152 Resp: 1425037

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 12.9 10.2 15.4



#50

Dimethylphthalate

Concen: 43.787 ng

RT: 13.739 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

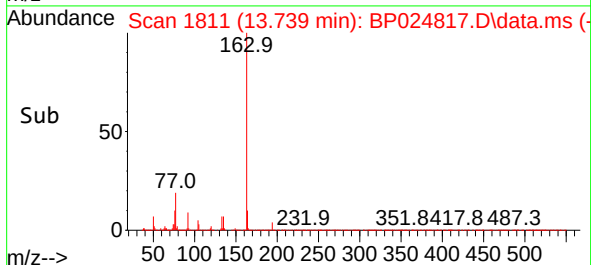
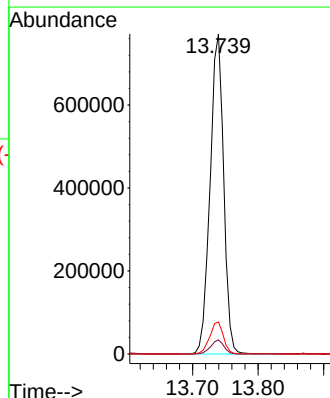
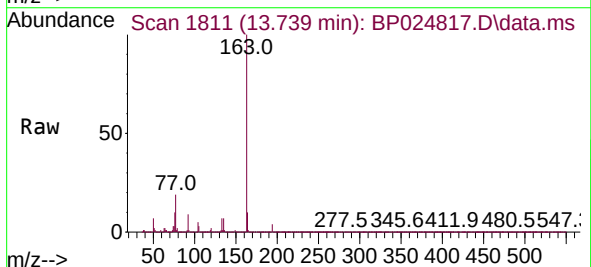
Tgt Ion:163 Resp: 1110177

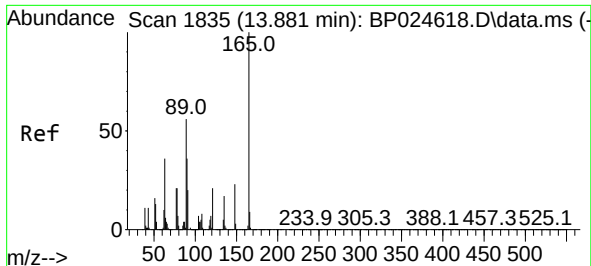
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.0 8.1 12.1

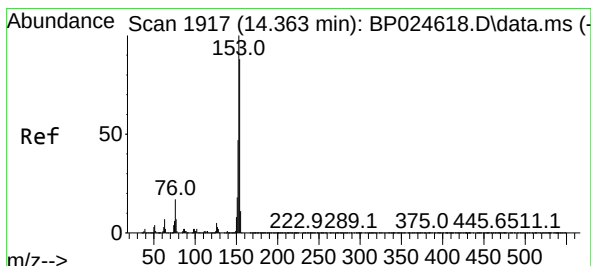
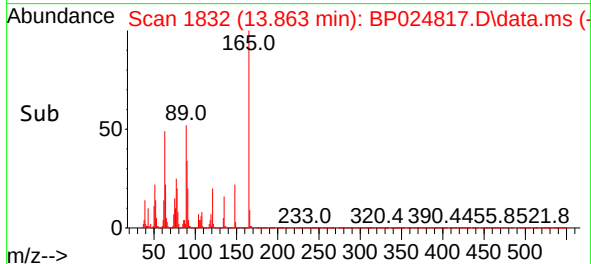
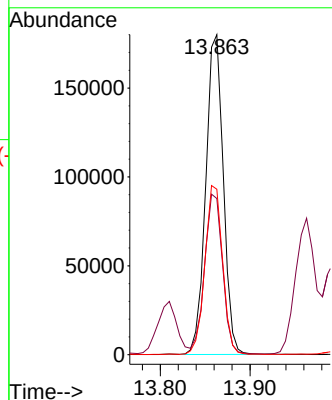
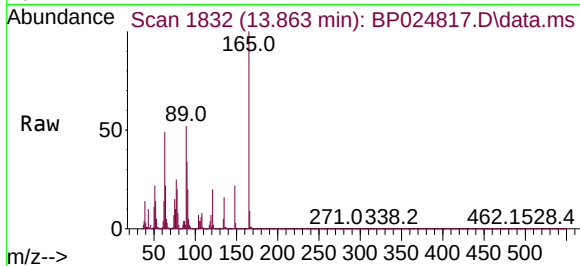




#51
2,6-Dinitrotoluene
Concen: 45.662 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

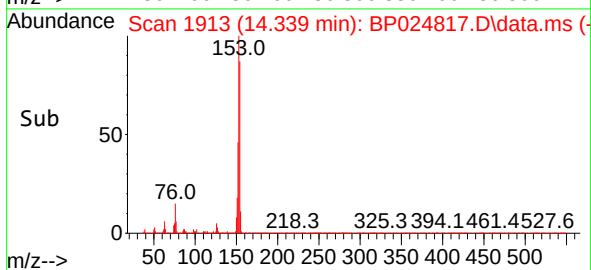
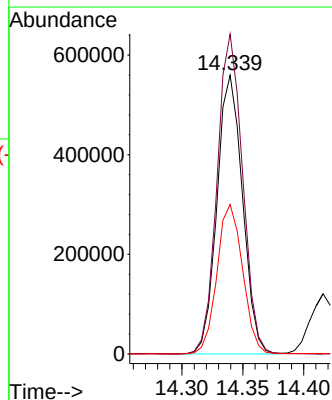
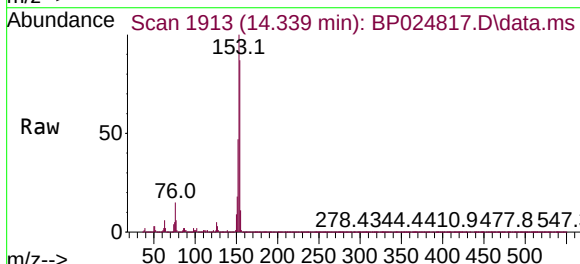
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

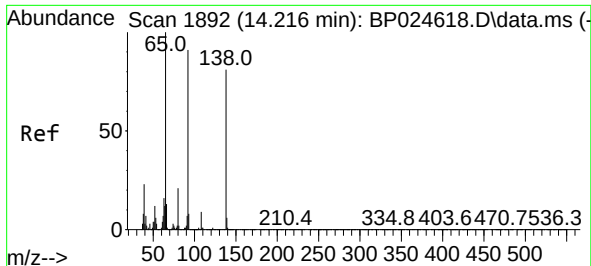
Tgt Ion:165 Resp: 244503
Ion Ratio Lower Upper
165 100
63 48.8 42.4 63.6
89 51.7 44.8 67.2



#52
Acenaphthene
Concen: 45.317 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:154 Resp: 817286
Ion Ratio Lower Upper
154 100
153 114.8 91.0 136.4
152 53.6 42.9 64.3

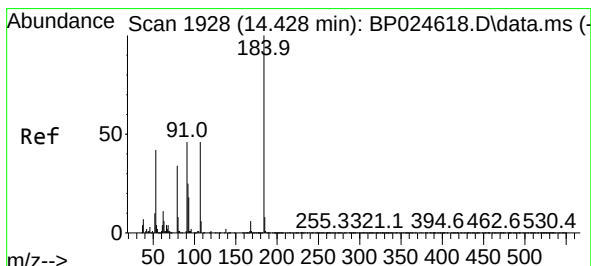
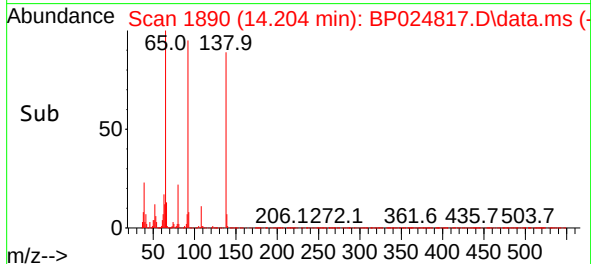
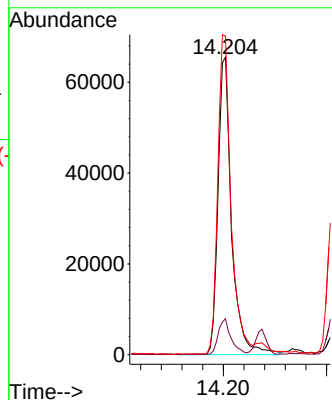
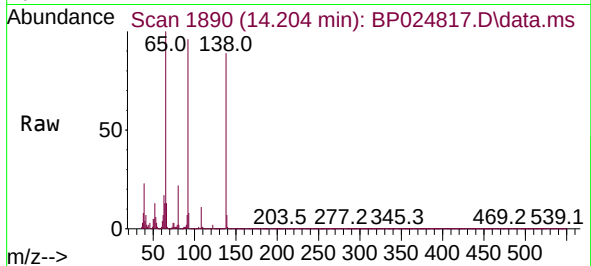




#53
3-Nitroaniline
Concen: 21.766 ng
RT: 14.204 min Scan# 1890
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

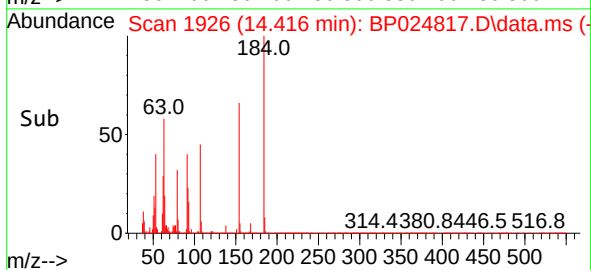
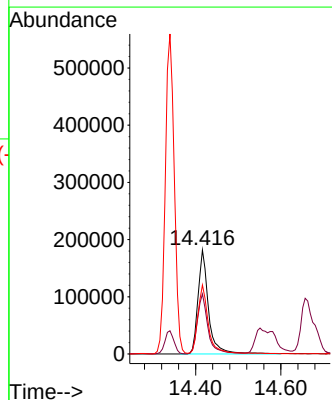
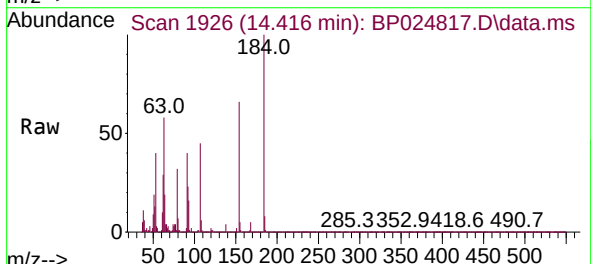
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

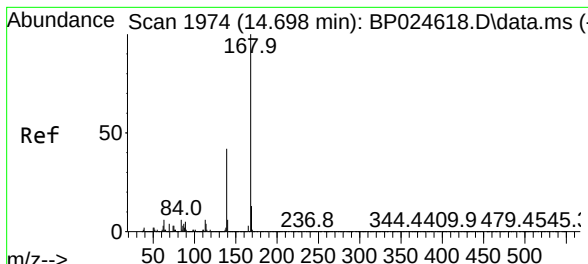
Tgt Ion:138 Resp: 119007
Ion Ratio Lower Upper
138 100
108 12.1 9.0 13.4
92 107.0 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 91.555 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:184 Resp: 312535
Ion Ratio Lower Upper
184 100
63 57.7 51.3 76.9
154 66.4 53.5 80.3



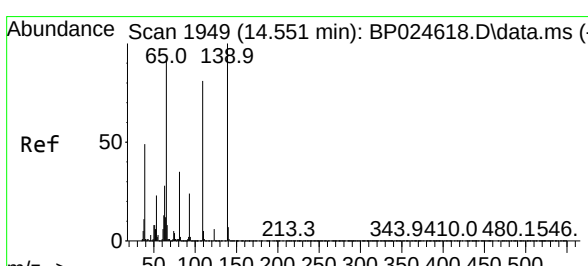
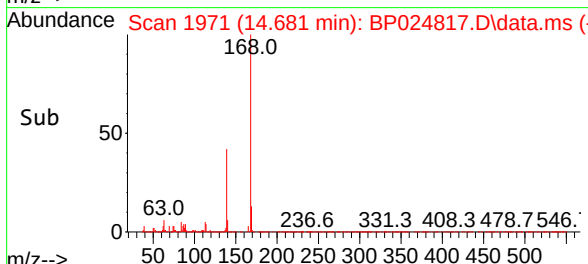
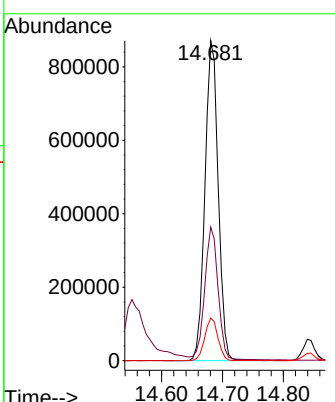
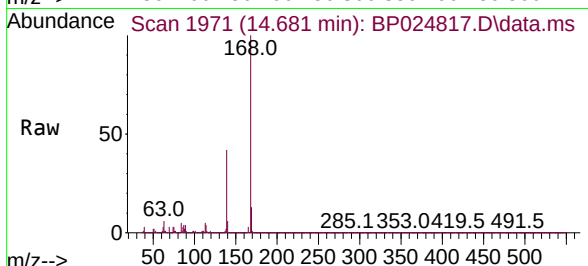


#55
 Dibenzofuran
 Concen: 45.761 ng
 RT: 14.681 min Scan# 1971
 Delta R.T. 0.006 min
 Lab File: BP024817.D
 Acq: 28 May 2025 16:10

Instrument : BNA_P
 ClientSampleId : TP03-MHMMSD

Tgt Ion:168 Resp: 1316392

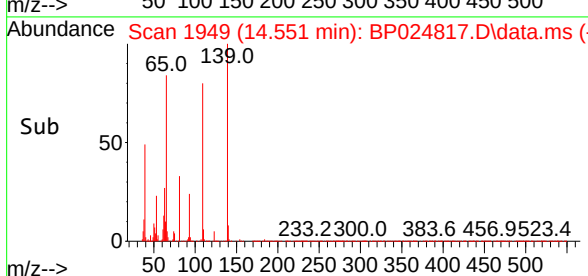
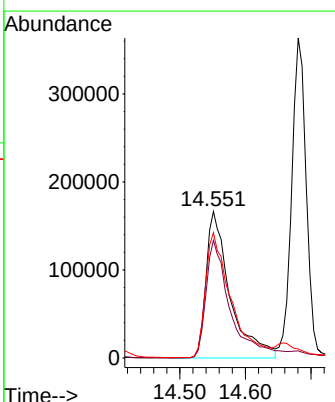
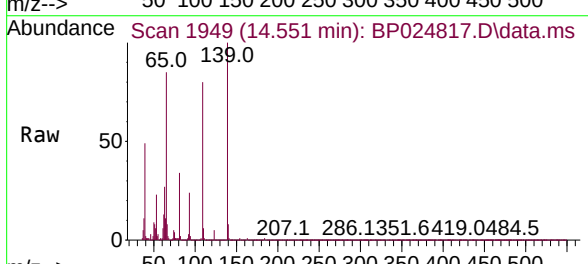
Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.2	51.4
169	13.3	10.8	16.2

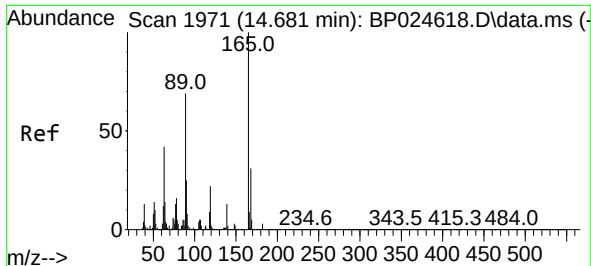


#56
 4-Nitrophenol
 Concen: 88.706 ng
 RT: 14.551 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP024817.D
 Acq: 28 May 2025 16:10

Tgt Ion:139 Resp: 422188

Ion	Ratio	Lower	Upper
139	100		
109	80.4	61.4	101.4
65	85.5	72.2	112.2

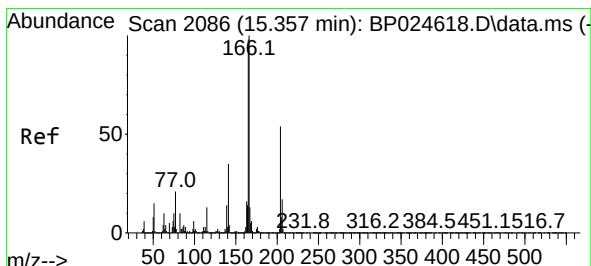
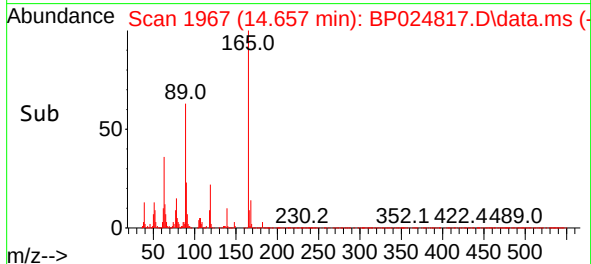
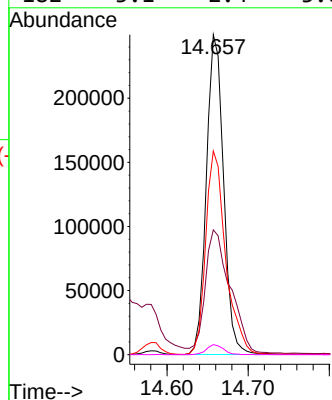
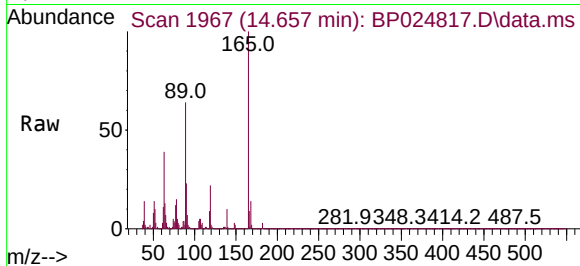




#57
2,4-Dinitrotoluene
Concen: 48.578 ng
RT: 14.657 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

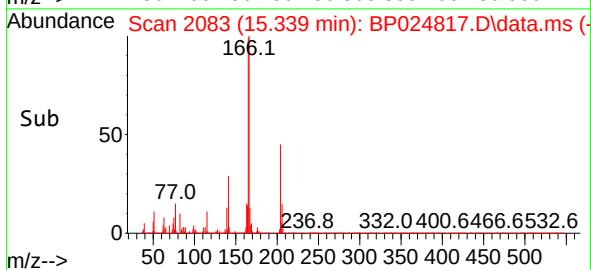
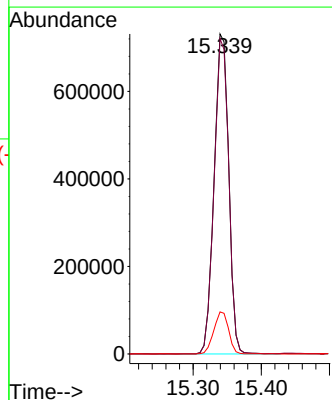
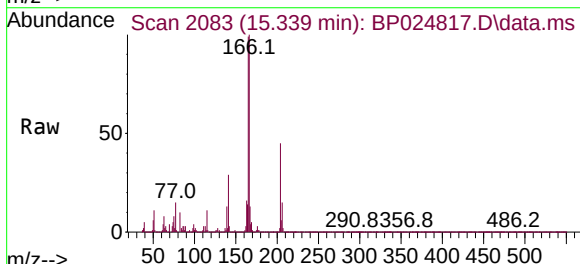
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

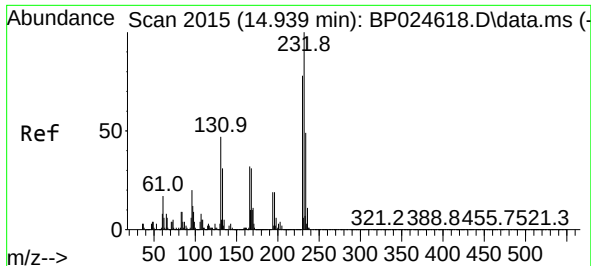
Tgt Ion:165 Resp: 366721
Ion Ratio Lower Upper
165 100
63 39.0 33.8 50.6
89 63.7 55.6 83.4
182 3.1 2.4 3.6



#58
Fluorene
Concen: 46.491 ng
RT: 15.339 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:166 Resp: 1090496
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.1 10.7 16.1

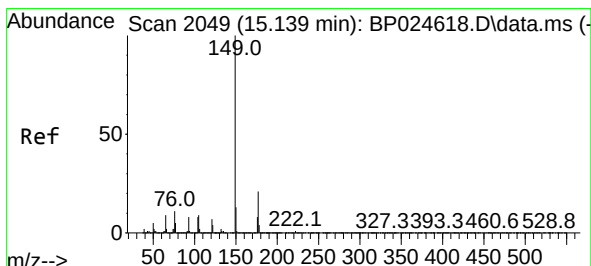
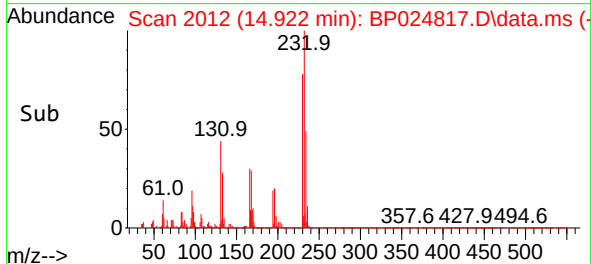
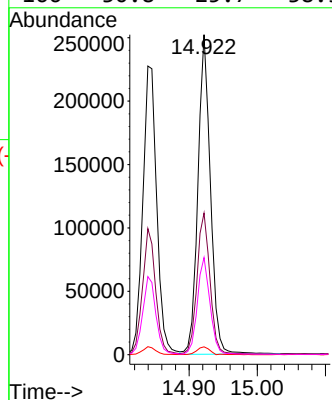
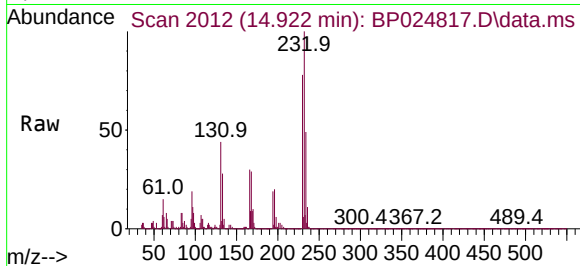




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.831 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

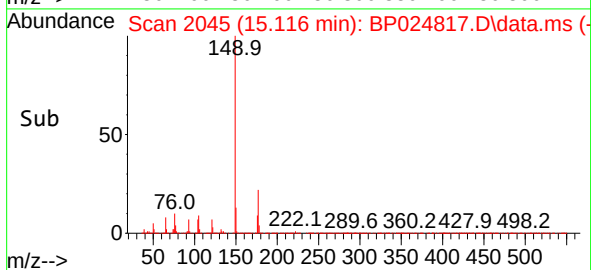
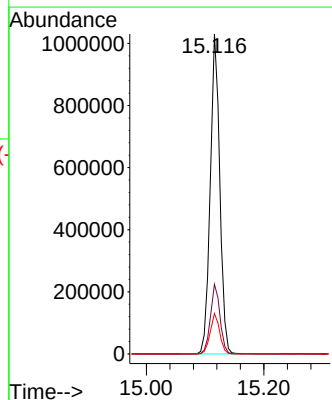
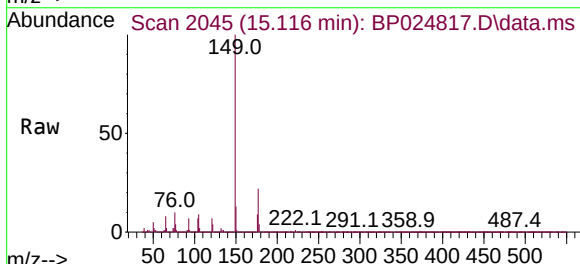
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

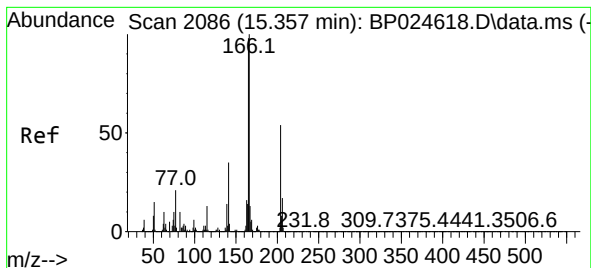
Tgt Ion:232 Resp: 321932
Ion Ratio Lower Upper
232 100
131 45.9 39.5 59.3
130 2.6 2.2 3.4
166 30.8 25.7 38.5



#60
Diethylphthalate
Concen: 45.362 ng
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:149 Resp: 1162423
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.7 10.2 15.2

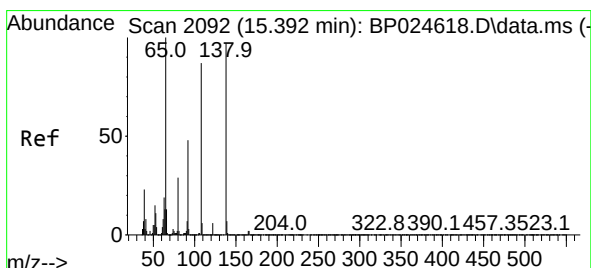
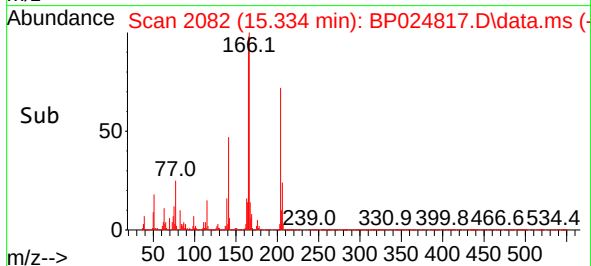
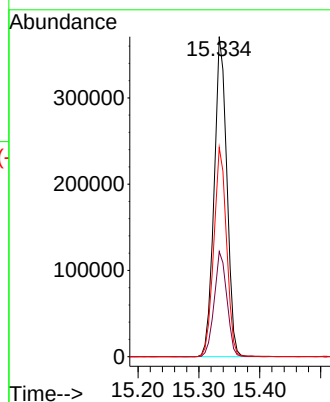
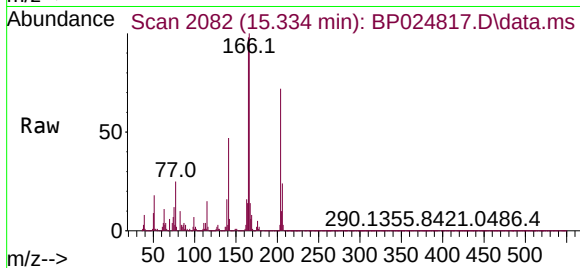




#61
4-Chlorophenyl-phenylether
Concen: 45.914 ng
RT: 15.334 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

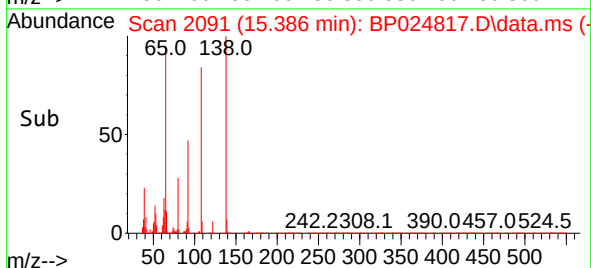
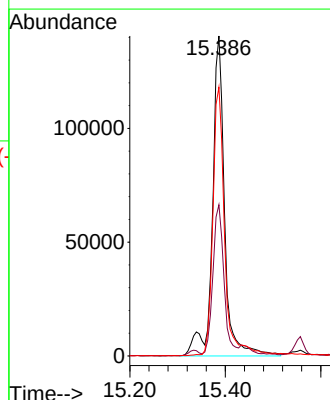
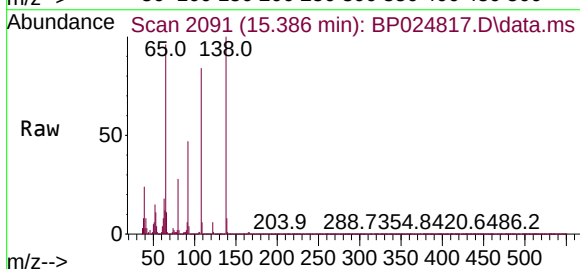
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

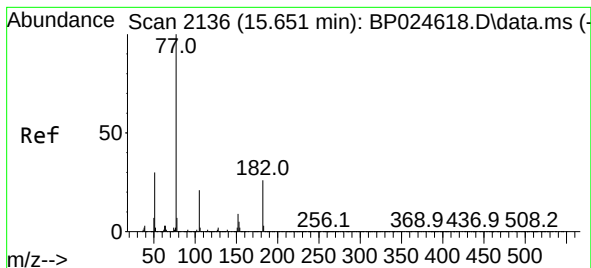
Tgt Ion:204 Resp: 537081
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 65.4 52.9 79.3



#62
4-Nitroaniline
Concen: 47.426 ng m
RT: 15.386 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:138 Resp: 250373
Ion Ratio Lower Upper
138 100
92 47.3 29.2 69.2
108 84.0 69.0 109.0





#63

Azobenzene

Concen: 46.742 ng

RT: 15.634 min Scan# 2136

Delta R.T. 0.006 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

Tgt Ion: 77 Resp: 1024676

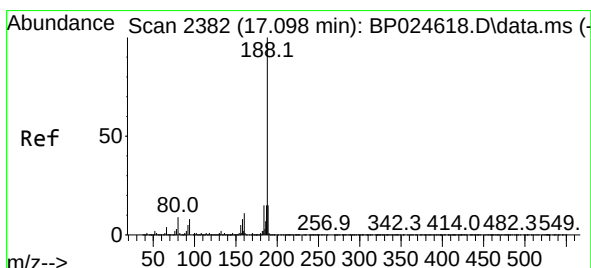
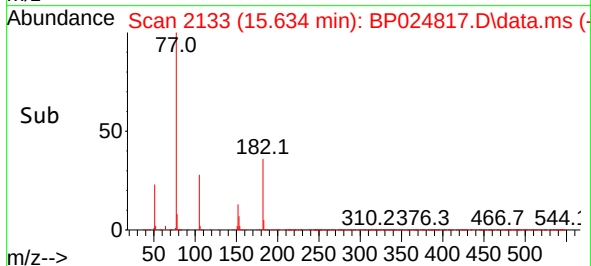
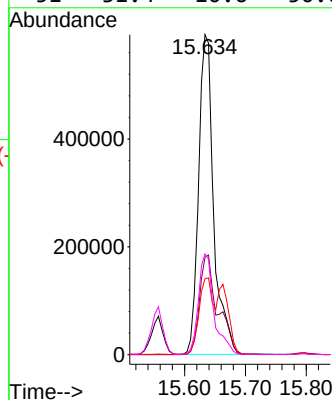
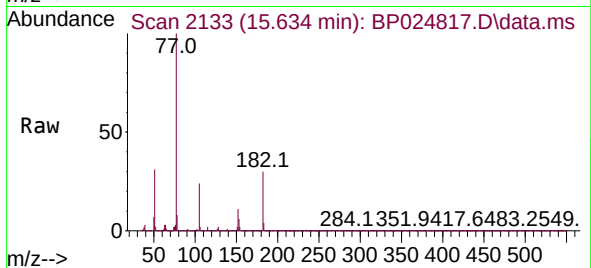
Ion Ratio Lower Upper

77 100

182 30.5 5.7 45.7

105 23.7 1.3 41.3

51 31.4 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.075 min Scan# 2378

Delta R.T. 0.012 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

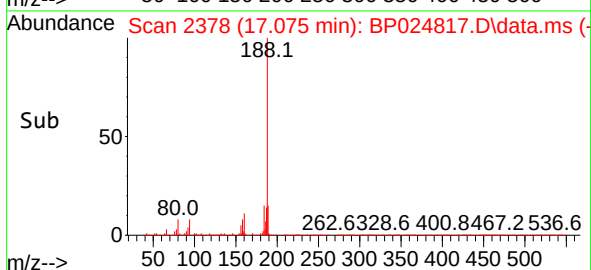
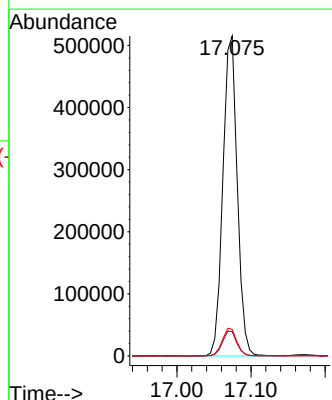
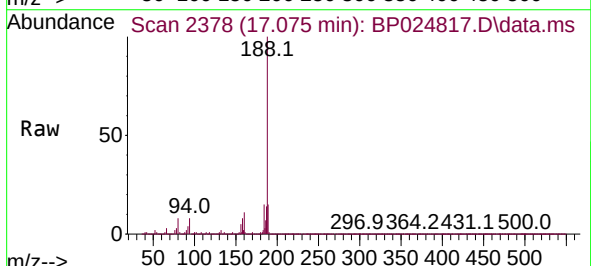
Tgt Ion: 188 Resp: 693874

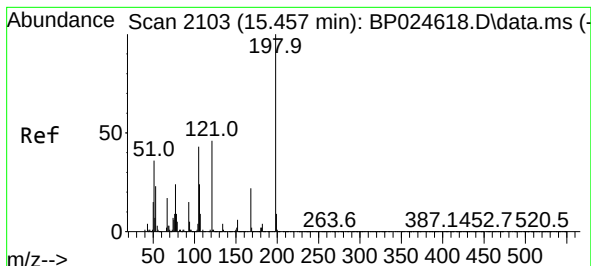
Ion Ratio Lower Upper

188 100

94 7.6 6.5 9.7

80 8.4 7.3 10.9

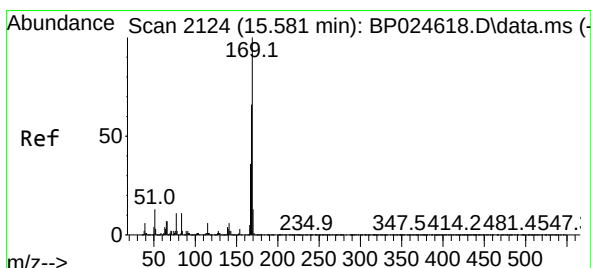
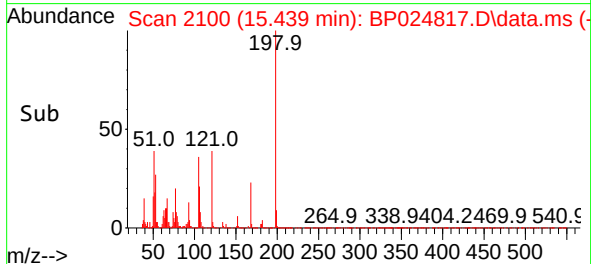
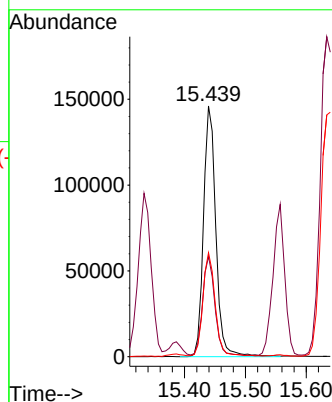
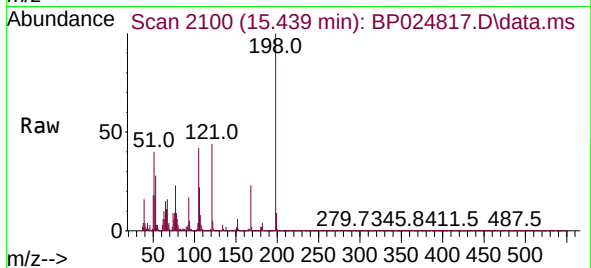




#65
4,6-Dinitro-2-methylphenol
Concen: 45.753 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

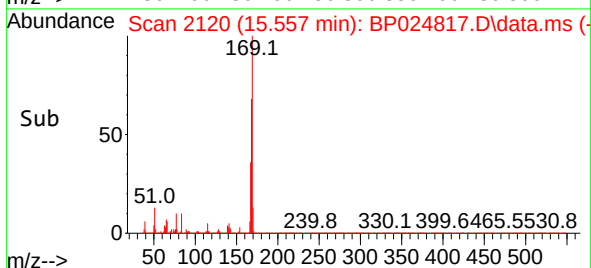
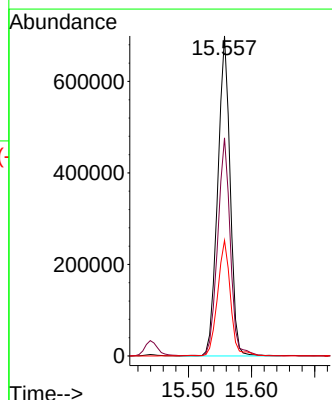
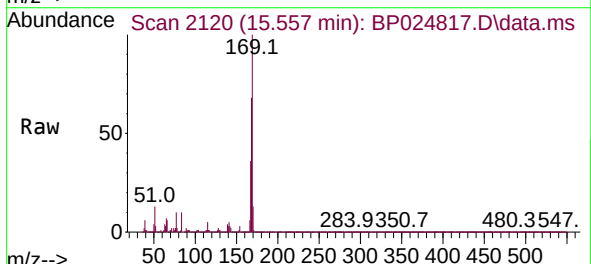
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

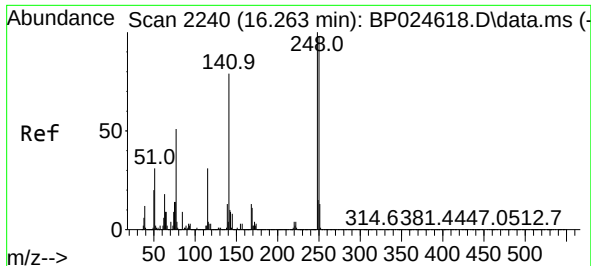
Tgt Ion:198 Resp: 205063
Ion Ratio Lower Upper
198 100
51 39.9 21.1 61.1
105 41.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 44.875 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:169 Resp: 956433
Ion Ratio Lower Upper
169 100
168 68.2 53.2 79.8
167 36.1 28.6 43.0

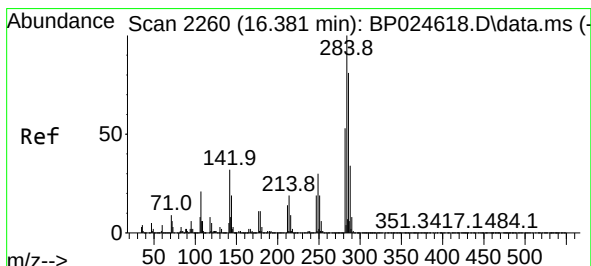
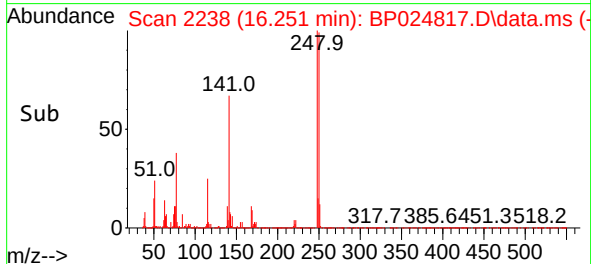
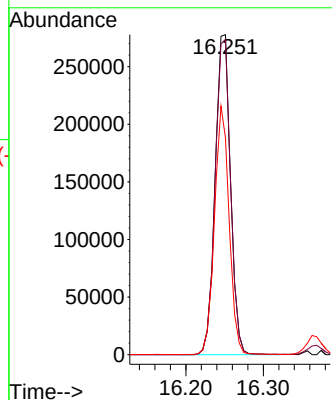
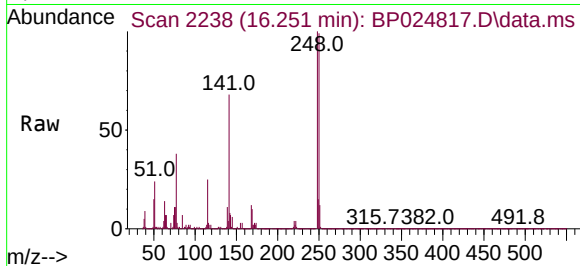




#67
4-Bromophenyl-phenylether
Concen: 46.807 ng
RT: 16.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

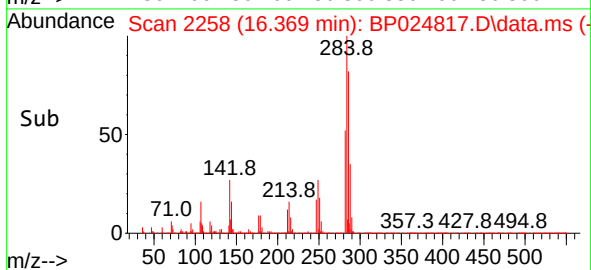
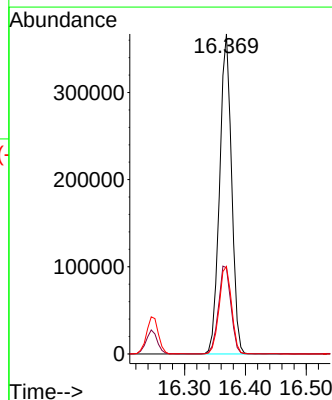
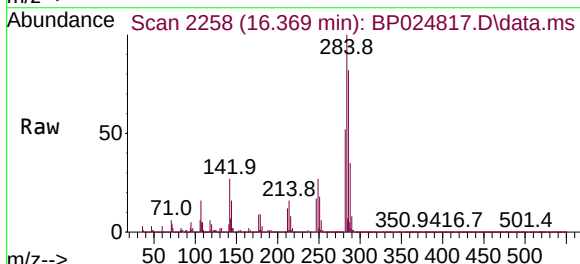
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

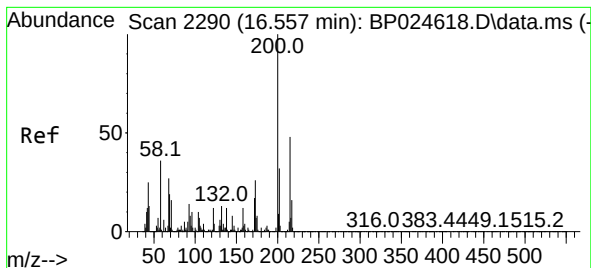
Tgt Ion:248 Resp: 382708
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 67.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 48.030 ng
RT: 16.369 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:284 Resp: 499004
Ion Ratio Lower Upper
284 100
142 26.9 25.9 38.9
249 27.4 24.1 36.1





#69

Atrazine

Concen: 48.159 ng

RT: 16.539 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

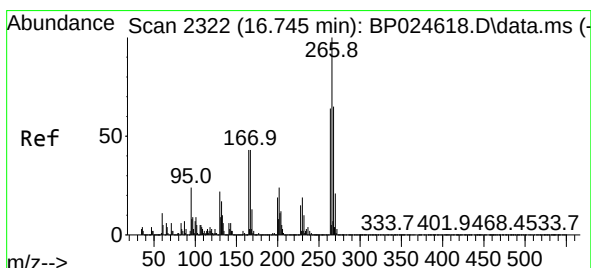
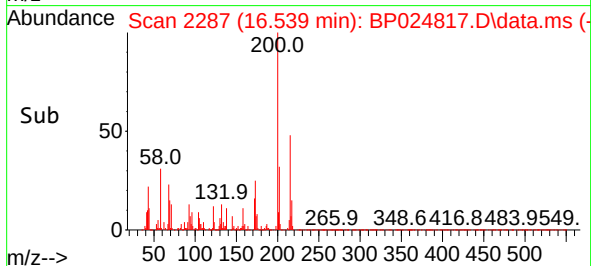
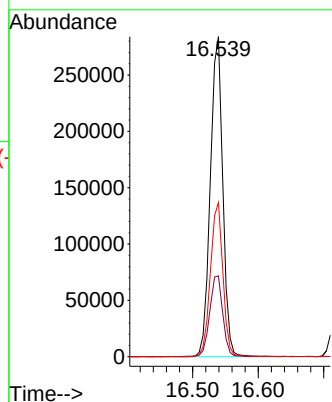
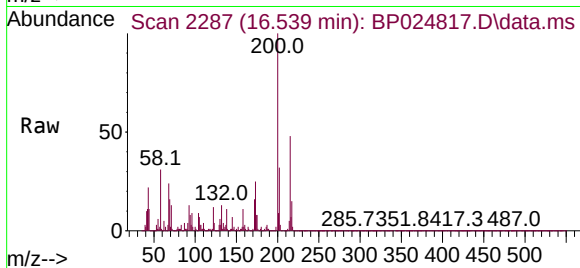
Tgt Ion:200 Resp: 376150

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 48.2 28.3 68.3



#70

Pentachlorophenol

Concen: 115.864 ng

RT: 16.728 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

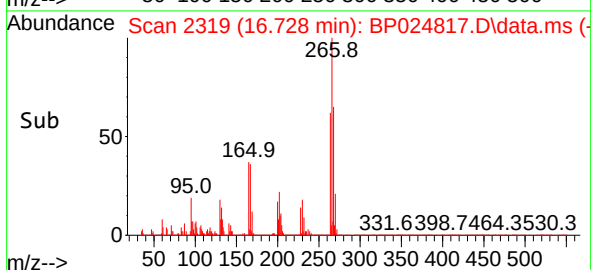
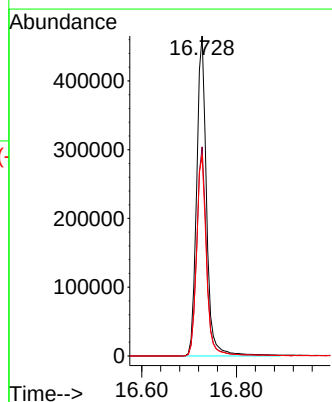
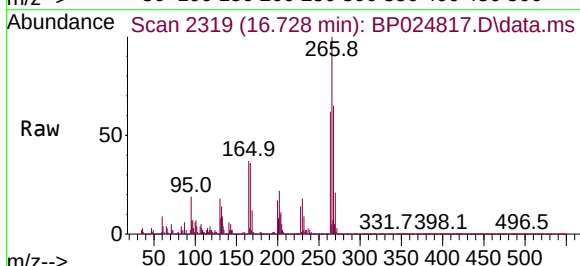
Tgt Ion:266 Resp: 675725

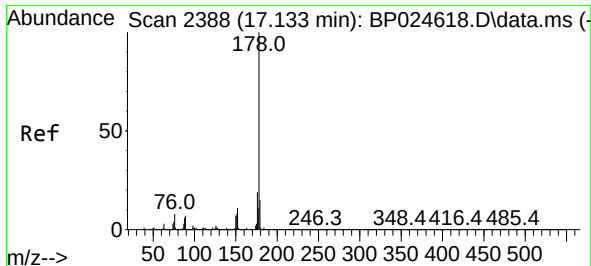
Ion Ratio Lower Upper

266 100

268 65.3 52.2 78.4

264 62.4 51.1 76.7

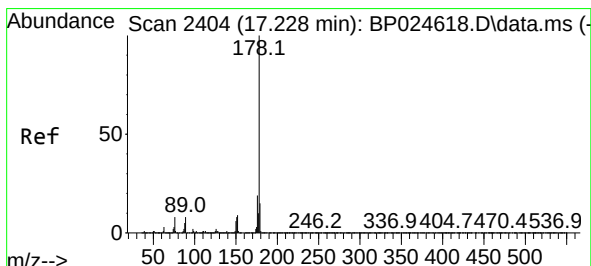
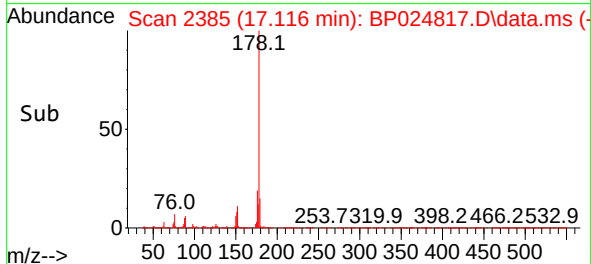
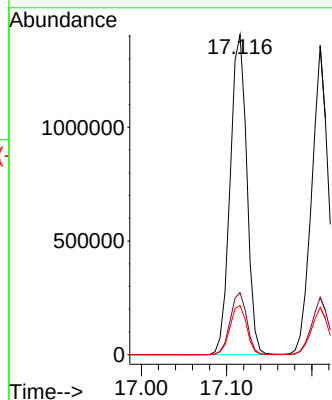
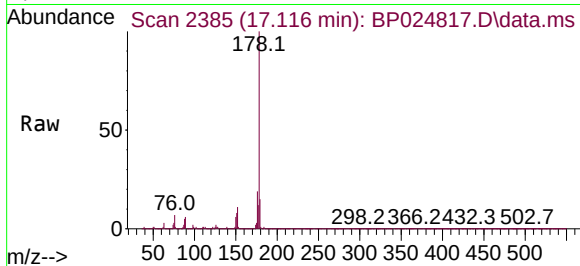




#71
Phenanthrene
Concen: 49.420 ng
RT: 17.116 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

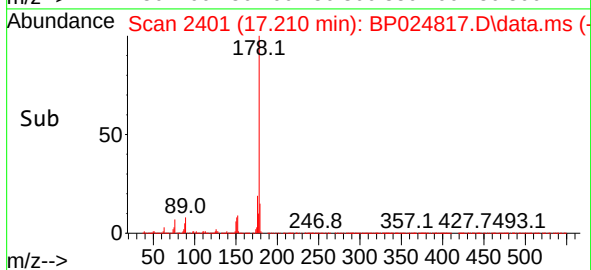
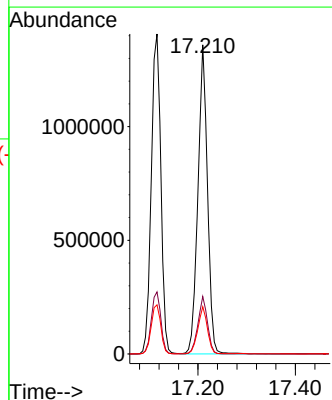
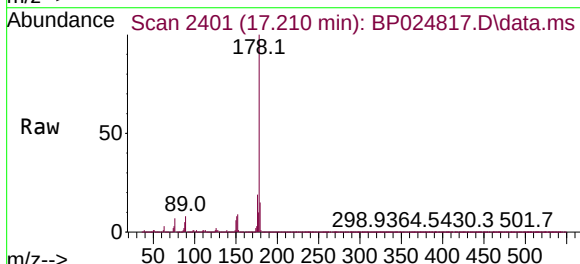
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

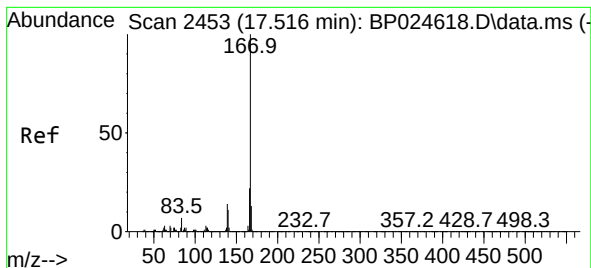
Tgt Ion:178 Resp: 1906283
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 48.081 ng
RT: 17.210 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:178 Resp: 1865994
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.3 12.2 18.2





#73

Carbazole

Concen: 48.048 ng

RT: 17.492 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP024817.D

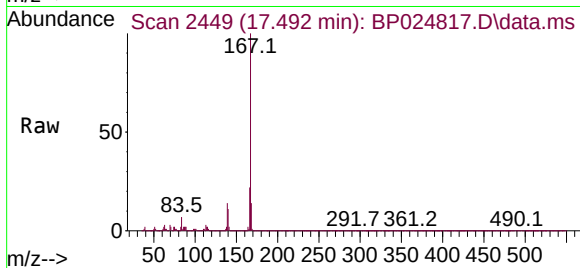
Acq: 28 May 2025 16:10

Instrument :

BNA_P

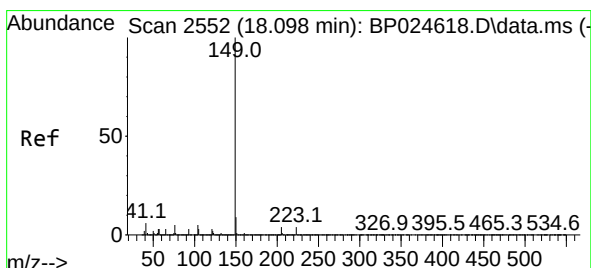
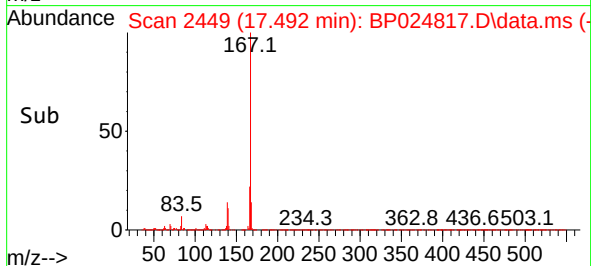
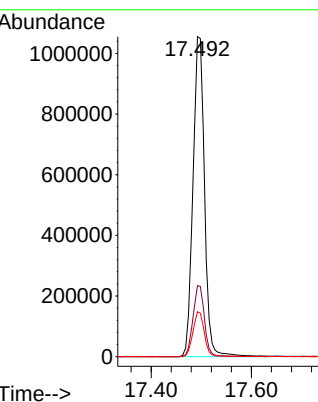
ClientSampleId :

TP03-MHMMSD



Tgt Ion:167 Resp: 1687745

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.1	11.3	16.9



#74

Di-n-butylphthalate

Concen: 48.121 ng

RT: 18.080 min Scan# 2549

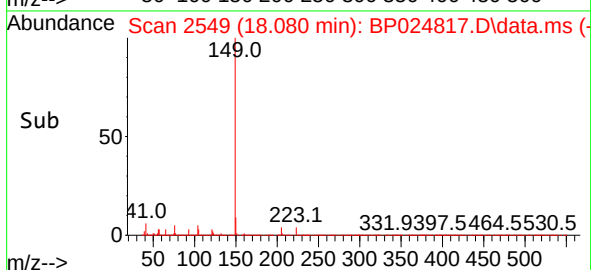
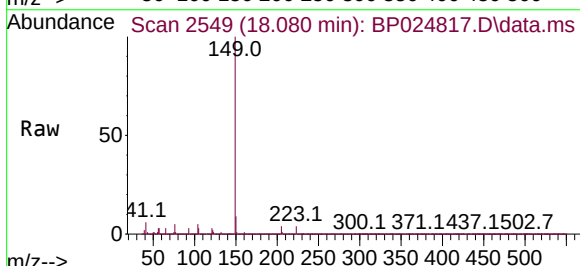
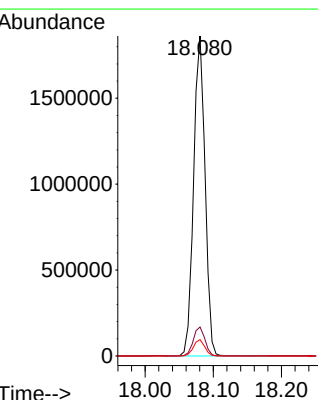
Delta R.T. 0.018 min

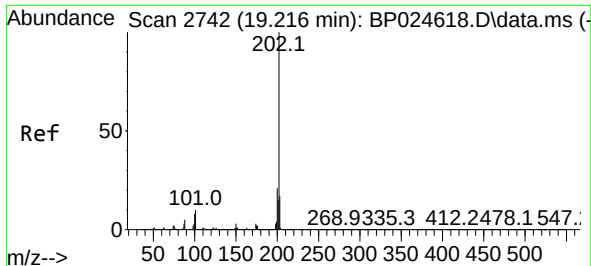
Lab File: BP024817.D

Acq: 28 May 2025 16:10

Tgt Ion:149 Resp: 2173857

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.3	6.5

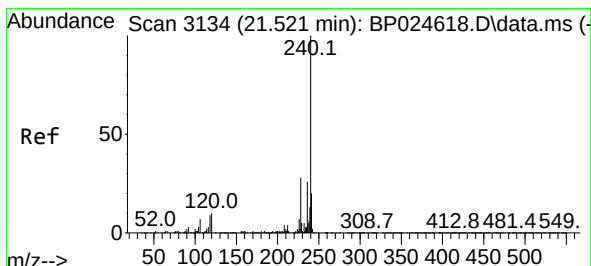
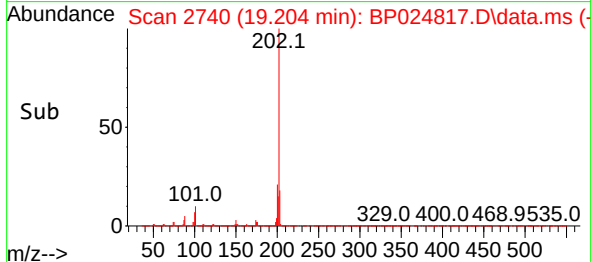
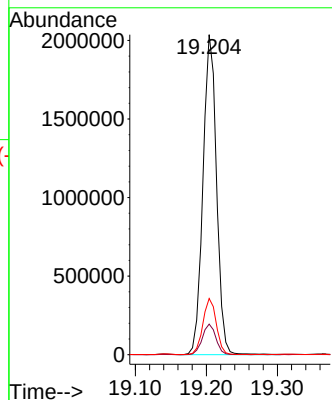
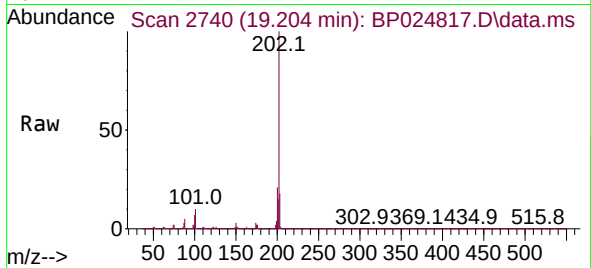




#75
Fluoranthene
Concen: 60.082 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

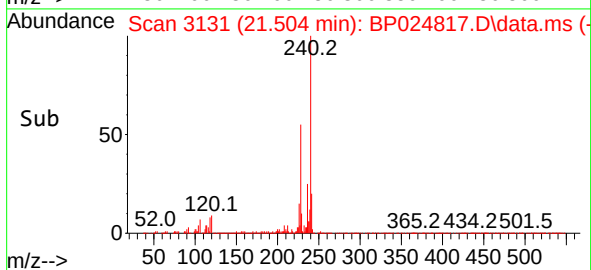
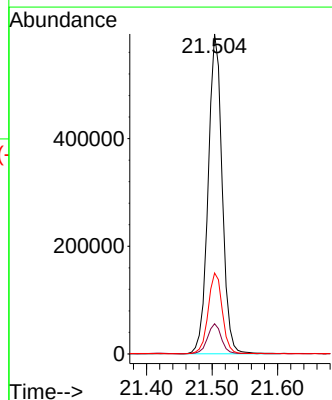
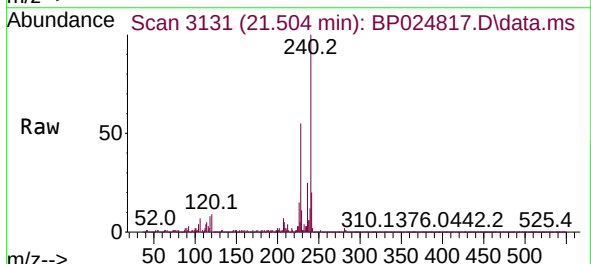
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

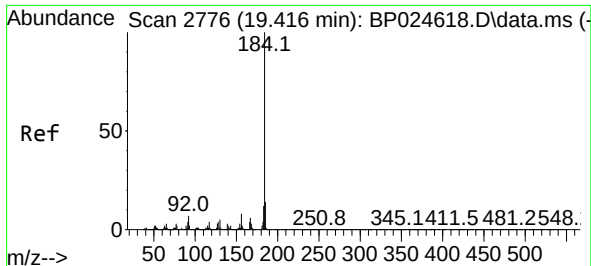
Tgt Ion:202 Resp: 2709091
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.3
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:240 Resp: 881777
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.3 20.6 31.0

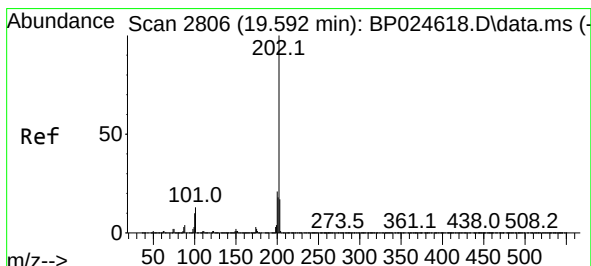
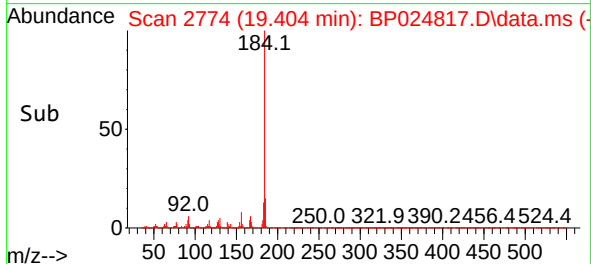
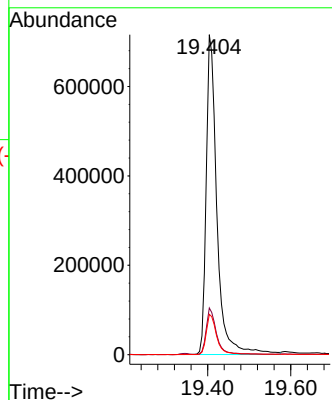
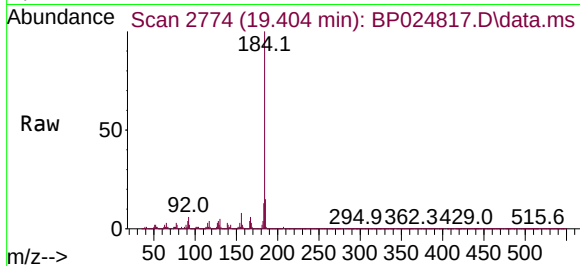




#77
Benzidine
Concen: 53.487 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

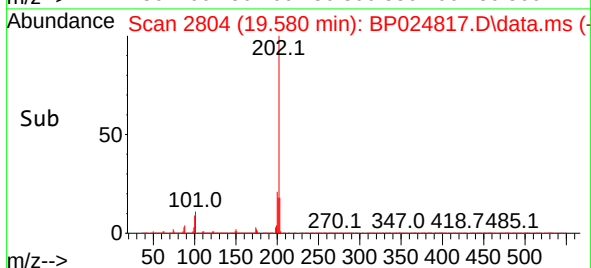
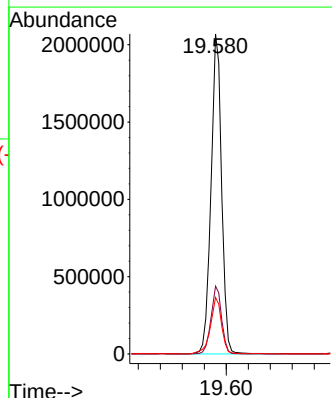
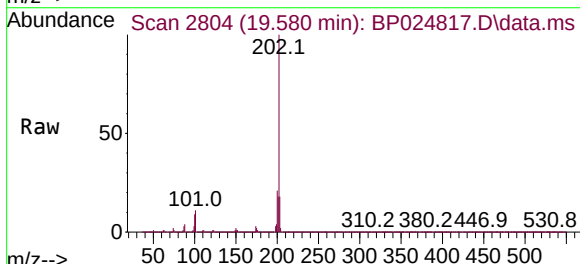
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

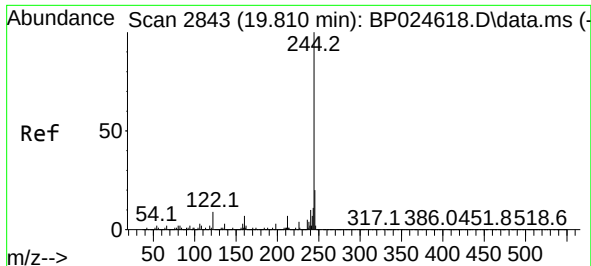
Tgt Ion:184 Resp: 1284556
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 12.6 9.8 14.8



#78
Pyrene
Concen: 52.151 ng
RT: 19.580 min Scan# 2804
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:202 Resp: 2755345
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.7 13.9 20.9

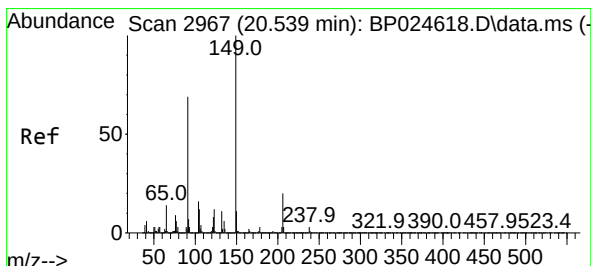
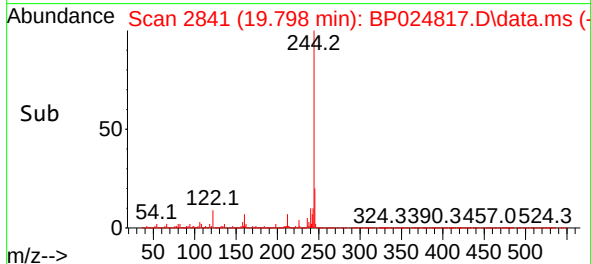
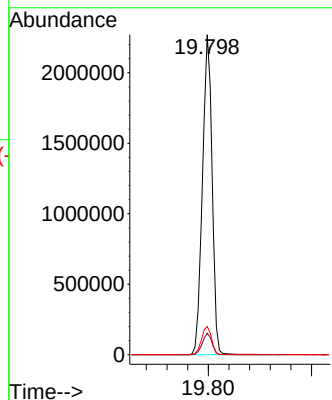
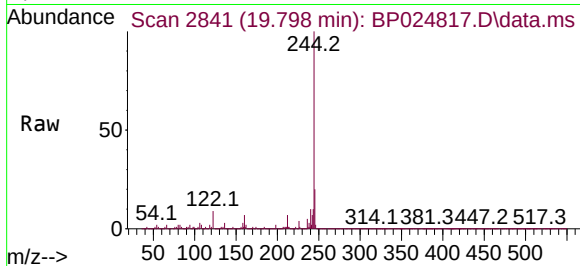




#79
 Terphenyl-d14
 Concen: 57.146 ng
 RT: 19.798 min Scan# 2841
 Delta R.T. 0.012 min
 Lab File: BP024817.D
 Acq: 28 May 2025 16:10

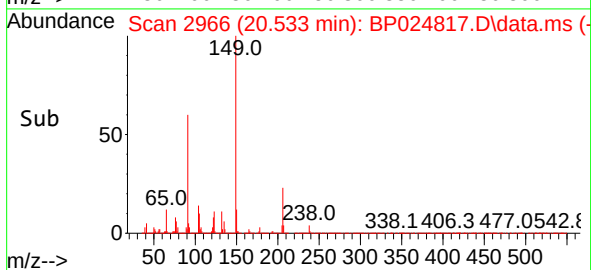
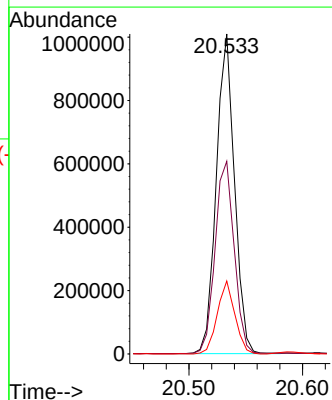
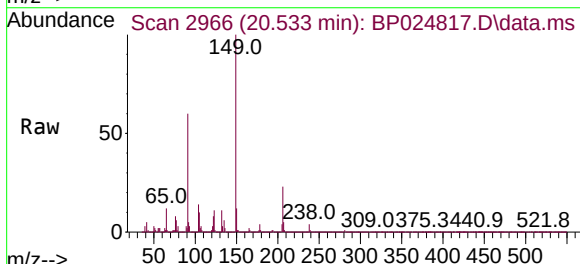
Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMSD

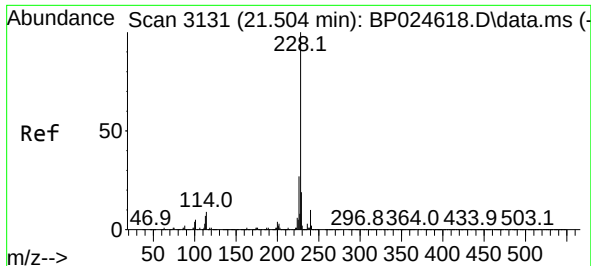
Tgt Ion:244 Resp: 2938706
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 8.8 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 47.703 ng
 RT: 20.533 min Scan# 2966
 Delta R.T. 0.012 min
 Lab File: BP024817.D
 Acq: 28 May 2025 16:10

Tgt Ion:149 Resp: 1120892
 Ion Ratio Lower Upper
 149 100
 91 60.2 55.4 83.0
 206 22.8 16.2 24.2

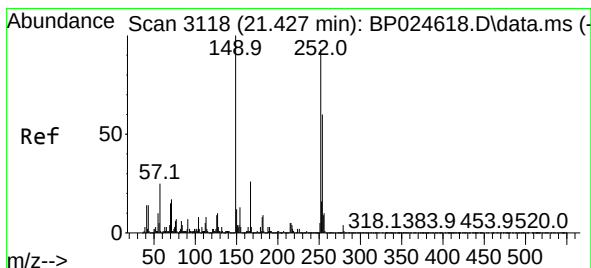
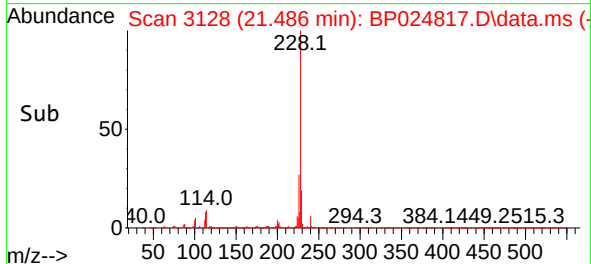
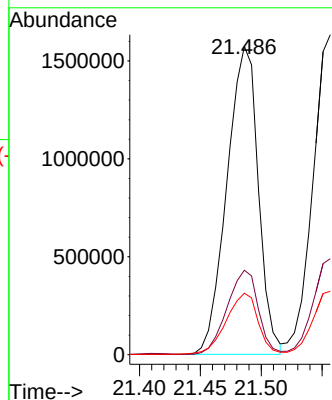
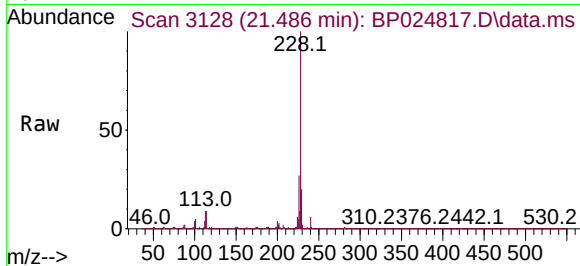




#81
Benzo(a)anthracene
Concen: 50.998 ng
RT: 21.486 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

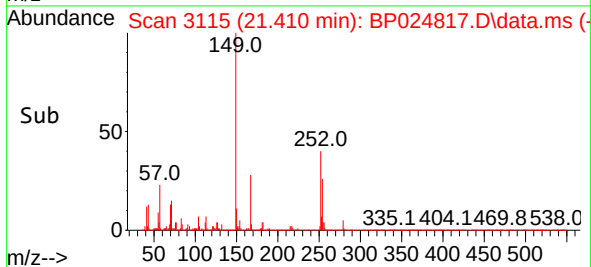
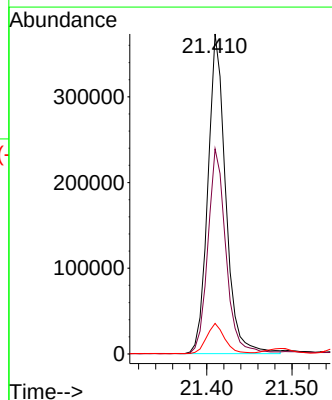
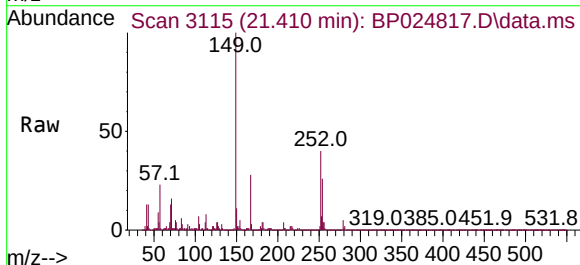
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

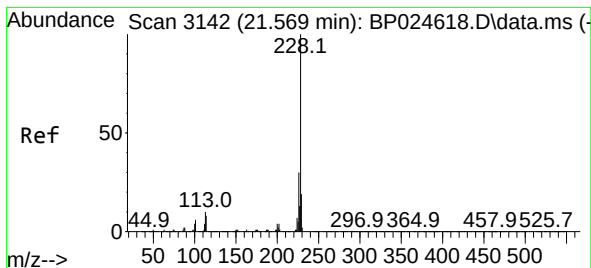
Tgt Ion:228 Resp: 2823632
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 26.378 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:252 Resp: 542453
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.6
126 9.6 7.7 11.5





#83

Chrysene

Concen: 49.390 ng

RT: 21.557 min Scan# 3116

Delta R.T. 0.018 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

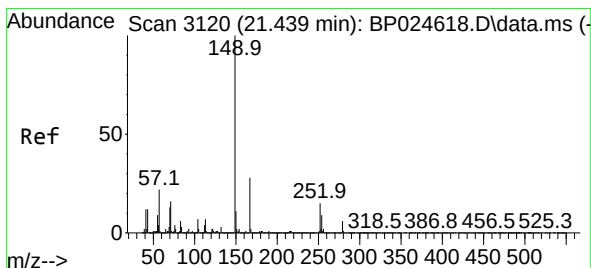
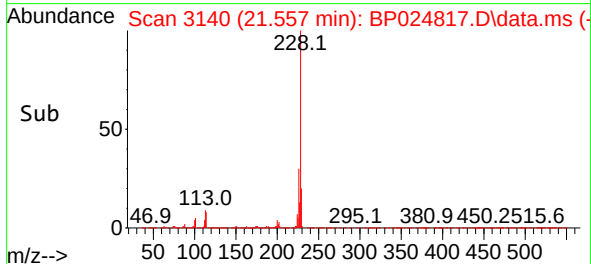
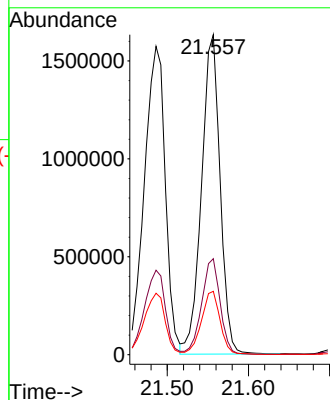
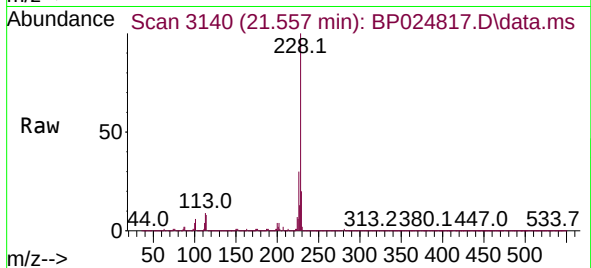
BNA_P

ClientSampleId :

TP03-MHMMSD

Tgt Ion:228 Resp: 2592320

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.8	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.555 ng

RT: 21.416 min Scan# 3116

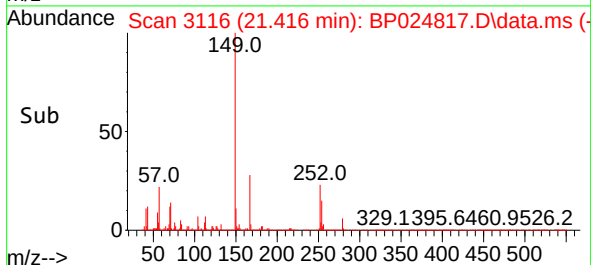
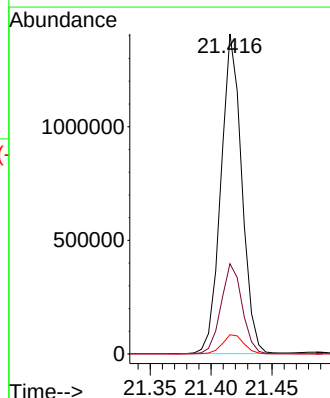
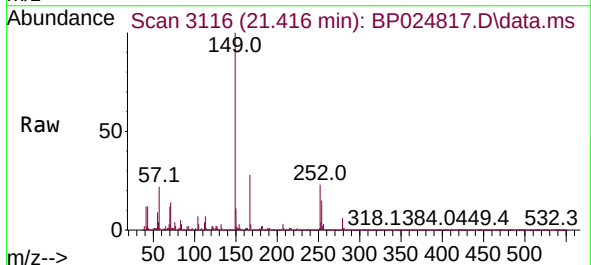
Delta R.T. 0.006 min

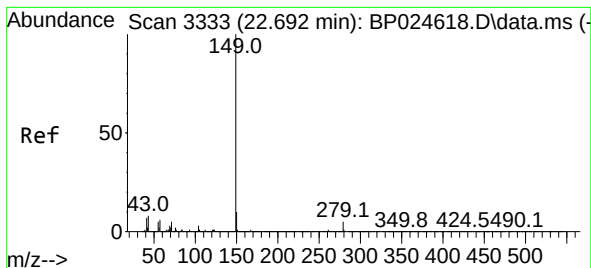
Lab File: BP024817.D

Acq: 28 May 2025 16:10

Tgt Ion:149 Resp: 1676954

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	6.0	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 52.337 ng

RT: 22.657 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

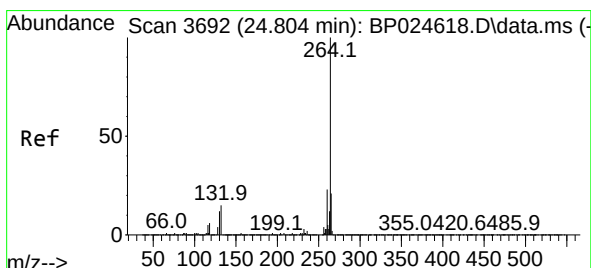
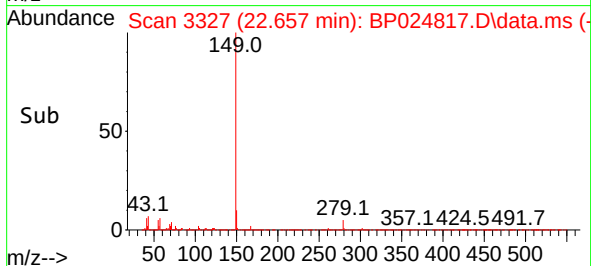
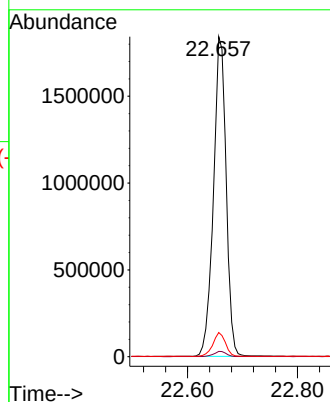
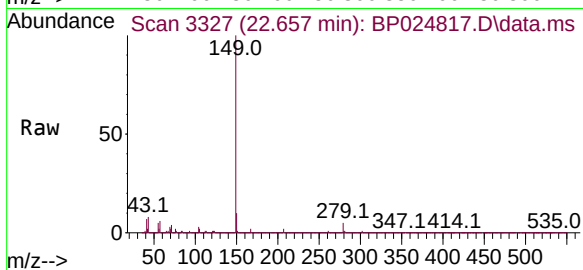
Tgt Ion:149 Resp: 2955880

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3686

Delta R.T. 0.024 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

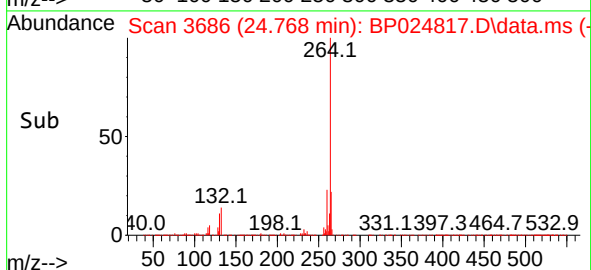
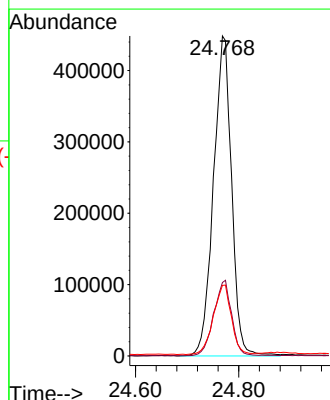
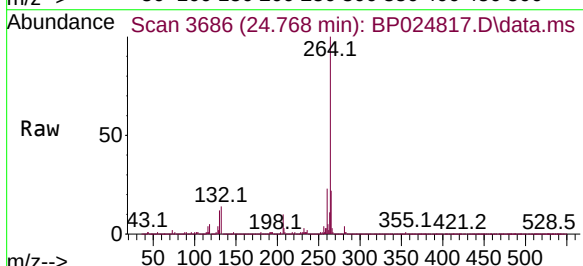
Tgt Ion:264 Resp: 1089448

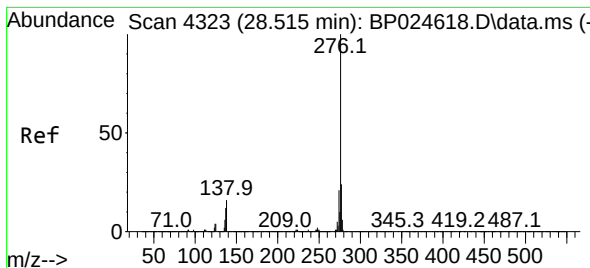
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.832 ng

RT: 28.474 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

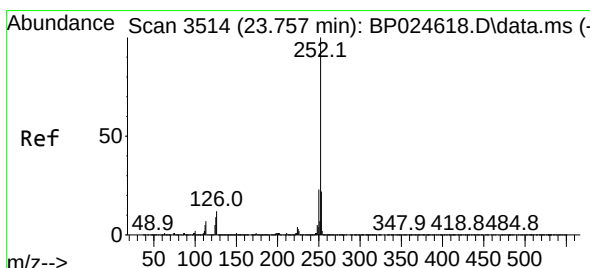
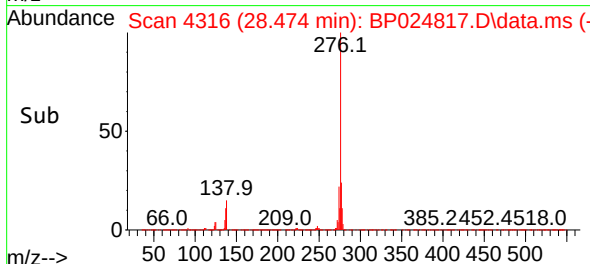
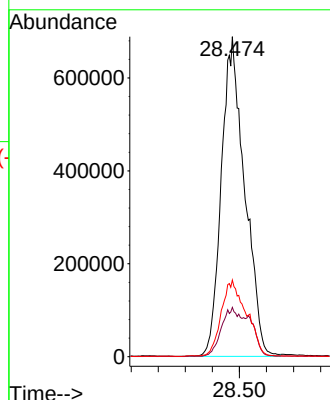
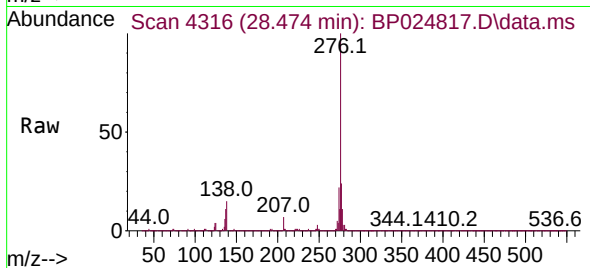
Tgt Ion:276 Resp: 4122511

Ion Ratio Lower Upper

276 100

138 13.4 11.2 16.8

277 10.2 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 51.905 ng

RT: 23.739 min Scan# 3511

Delta R.T. 0.018 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

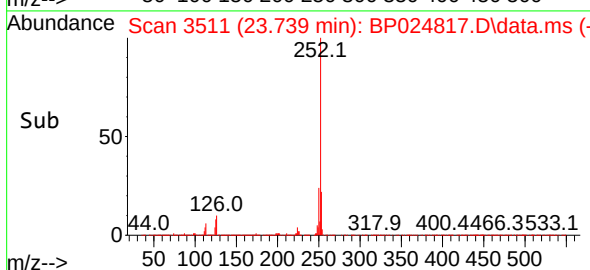
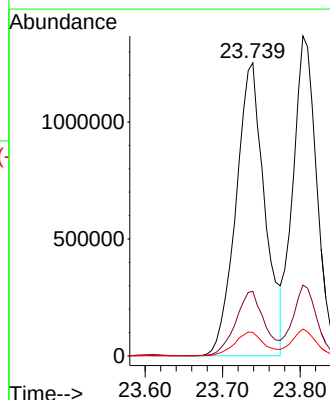
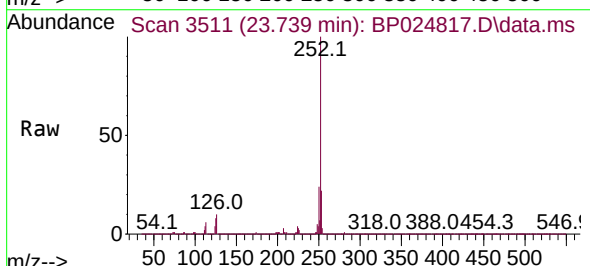
Tgt Ion:252 Resp: 3236693

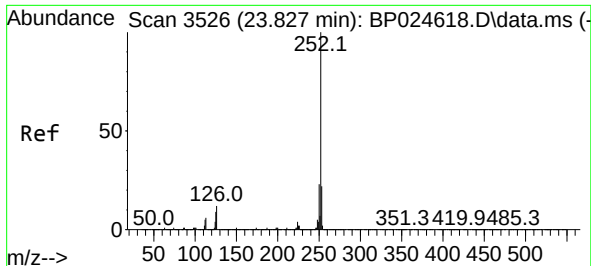
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.0 7.5 11.3

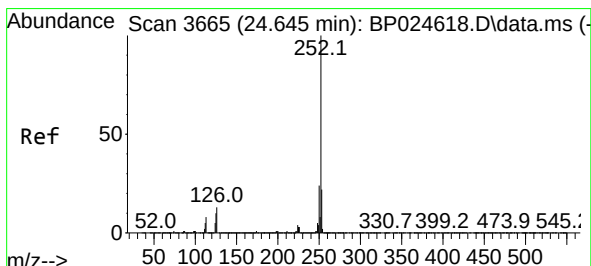
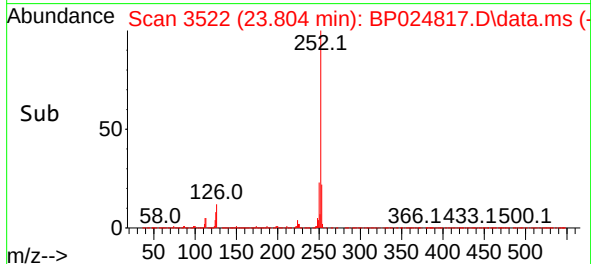
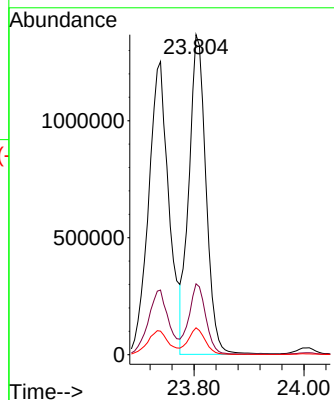
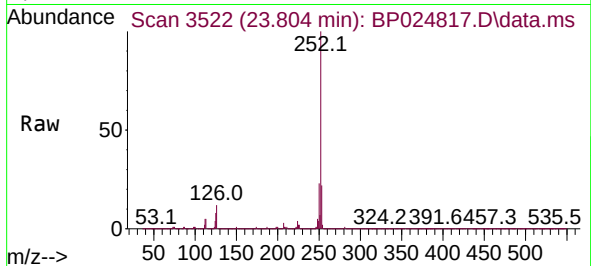




#89
Benzo(k)fluoranthene
Concen: 45.753 ng
RT: 23.804 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

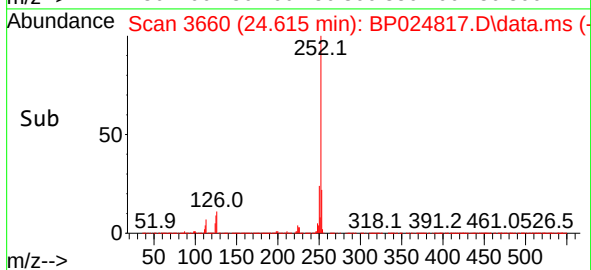
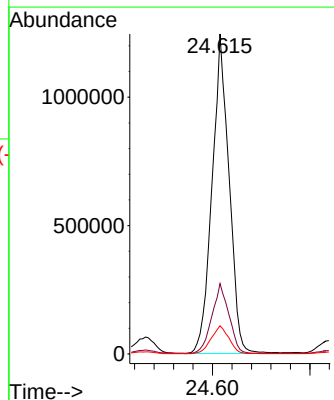
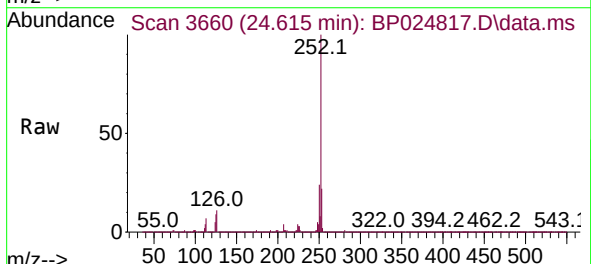
Instrument :
BNA_P
ClientSampleId :
TP03-MHMMSD

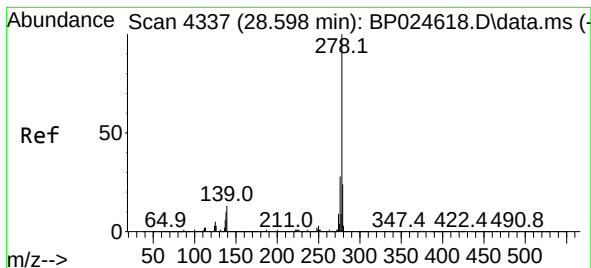
Tgt Ion:252 Resp: 2939940
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 50.436 ng
RT: 24.615 min Scan# 3660
Delta R.T. 0.018 min
Lab File: BP024817.D
Acq: 28 May 2025 16:10

Tgt Ion:252 Resp: 3020627
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 49.514 ng

RT: 28.539 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Instrument :

BNA_P

ClientSampleId :

TP03-MHMMSD

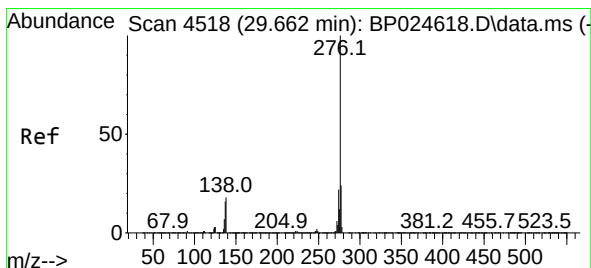
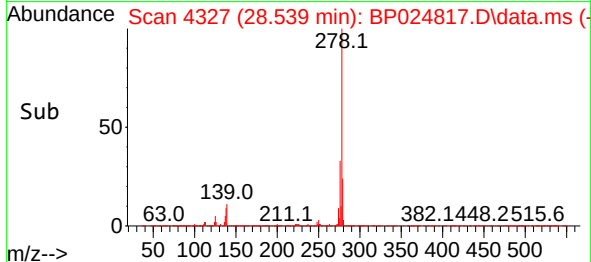
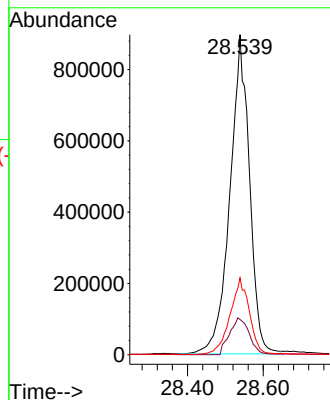
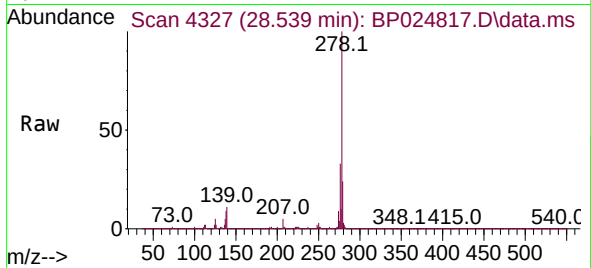
Tgt Ion:278 Resp: 3203816

Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 51.842 ng

RT: 29.615 min Scan# 4510

Delta R.T. 0.024 min

Lab File: BP024817.D

Acq: 28 May 2025 16:10

Tgt Ion:276 Resp: 3335792

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 16.1 14.4 21.6

