

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024375.D
 Acq On : 22 Apr 2025 12:35
 Operator : RC/JU
 Sample : PB167670BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167670BS

Quant Time: Apr 22 12:54:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	296992	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	1162474	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	680326	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1227109	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1128640	20.000	ng	0.02
86) Perylene-d12	24.951	264	1292460	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2467864	137.394	ng	0.00
7) Phenol-d6	6.910	99	3002533	122.080	ng	0.00
23) Nitrobenzene-d5	8.869	82	1846802	90.589	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1302633	138.391	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	4076997	91.755	ng	0.00
79) Terphenyl-d14	19.880	244	5423767	96.863	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	288273	37.943	ng	98
3) Pyridine	3.687	79	741023	36.937	ng	98
4) n-Nitrosodimethylamine	3.593	42	306893	46.093	ng	90
6) Aniline	7.063	93	841427	38.285	ng	100
8) 2-Chlorophenol	7.299	128	921922	45.971	ng	100
9) Benzaldehyde	6.875	77	453091	37.242	ng	99
10) Phenol	6.940	94	1093874	44.336	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	844213	42.468	ng	99
12) 1,3-Dichlorobenzene	7.610	146	967119	44.795	ng	99
13) 1,4-Dichlorobenzene	7.757	146	973261	44.430	ng	99
14) 1,2-Dichlorobenzene	8.069	146	936257	44.263	ng	98
15) Benzyl Alcohol	7.963	79	739814	46.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	959765	44.668	ng	100
17) 2-Methylphenol	8.169	107	744492	46.645	ng	98
18) Hexachloroethane	8.787	117	367102	46.372	ng	100
19) n-Nitroso-di-n-propyla...	8.522	70	613911	40.347	ng	98
20) 3+4-Methylphenols	8.493	107	992405	44.812	ng	99
22) Acetophenone	8.534	105	1270302	44.151	ng	# 99
24) Nitrobenzene	8.910	77	923471	45.790	ng	98
25) Isophorone	9.434	82	1732824	46.958	ng	99
26) 2-Nitrophenol	9.616	139	481576	48.794	ng	97
27) 2,4-Dimethylphenol	9.681	122	816450	65.883	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	1113451	44.666	ng	100
29) 2,4-Dichlorophenol	10.151	162	811638	48.034	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	835747	46.164	ng	99
31) Naphthalene	10.546	128	2644366	43.184	ng	100
32) Benzoic acid	9.846	122	566275	39.216	ng	99
33) 4-Chloroaniline	10.657	127	351138	16.283	ng	99
34) Hexachlorobutadiene	10.828	225	522662	49.130	ng	99
35) Caprolactam	11.457	113	255593	40.995	ng	99
36) 4-Chloro-3-methylphenol	11.793	107	873957	44.406	ng	100
37) 2-Methylnaphthalene	12.157	142	1667944	39.276	ng	98
38) 1-Methylnaphthalene	12.375	142	1725108	41.524	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	895910	47.886	ng	# 98
41) Hexachlorocyclopentadiene	12.504	237	1359386	205.442	ng	100
43) 2,4,6-Trichlorophenol	12.775	196	621227	49.943	ng	97

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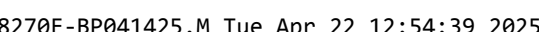
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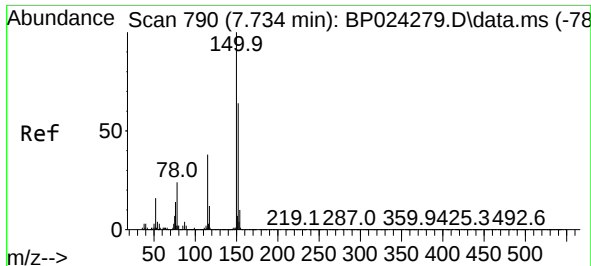
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	676236	49.094	ng	99
46) 1,1'-Biphenyl	13.175	154	2291148	45.816	ng	99
47) 2-Chloronaphthalene	13.210	162	1724702	46.146	ng	99
48) 2-Nitroaniline	13.428	65	504817	48.152	ng	99
49) Acenaphthylene	14.069	152	2861256	48.624	ng	100
50) Dimethylphthalate	13.810	163	2208879	44.647	ng	100
51) 2,6-Dinitrotoluene	13.928	165	481380	45.820	ng	97
52) Acenaphthene	14.416	154	1663033	44.579	ng	100
53) 3-Nitroaniline	14.263	138	364456	33.007	ng	98
54) 2,4-Dinitrophenol	14.475	184	603945	97.593	ng	96
55) Dibenzofuran	14.757	168	2570466	42.154	ng	98
56) 4-Nitrophenol	14.592	139	846864	88.805	ng	96
57) 2,4-Dinitrotoluene	14.728	165	678434	47.340	ng	97
58) Fluorene	15.416	166	2064544	43.736	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	574307	45.206	ng	98
60) Diethylphthalate	15.192	149	2199715	43.145	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	1040302	45.383	ng	99
62) 4-Nitroaniline	15.439	138	504055	43.122	ng	93
63) Azobenzene	15.710	77	2003149	42.747	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	374953	48.466	ng	95
66) n-Nitrosodiphenylamine	15.634	169	1783675	48.699	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	663388	49.430	ng	99
68) Hexachlorobenzene	16.445	284	785330	49.245	ng	99
69) Atrazine	16.610	200	608746	65.257	ng	98
70) Pentachlorophenol	16.798	266	1051056	94.474	ng	99
71) Phenanthrene	17.192	178	3024856	45.186	ng	100
72) Anthracene	17.286	178	3062710	47.470	ng	100
73) Carbazole	17.575	167	2781556	44.124	ng	100
74) Di-n-butylphthalate	18.157	149	3573453	45.499	ng	100
75) Fluoranthene	19.286	202	3342481	41.982	ng	98
77) Benzidine	19.486	184	1632479	114.108	ng	100
78) Pyrene	19.663	202	3390853	47.275	ng	99
80) Butylbenzylphthalate	20.622	149	1572467	51.184	ng	96
81) Benzo(a)anthracene	21.586	228	3310152	47.186	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	803698	32.641	ng	99
83) Chrysene	21.657	228	3050917	45.395	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2246887	49.889	ng	100
85) Di-n-octyl phthalate	22.804	149	3825521	52.248	ng	100
87) Indeno(1,2,3-cd)pyrene	28.762	276	3869058	43.120	ng	96
88) Benzo(b)fluoranthene	23.898	252	3452839	44.569	ng	99
89) Benzo(k)fluoranthene	23.974	252	3425130	45.770	ng	98
90) Benzo(a)pyrene	24.798	252	3347015	50.085	ng	99
91) Dibenzo(a,h)anthracene	28.839	278	3693865	49.597	ng	99
92) Benzo(g,h,i)perylene	29.945	276	3601965	47.515	ng	98

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

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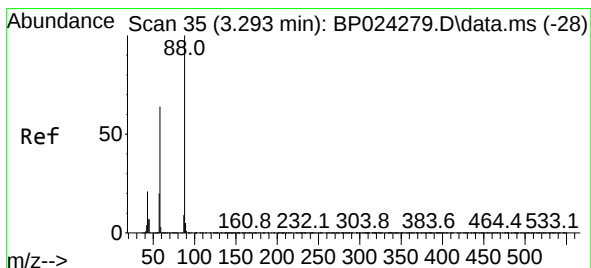
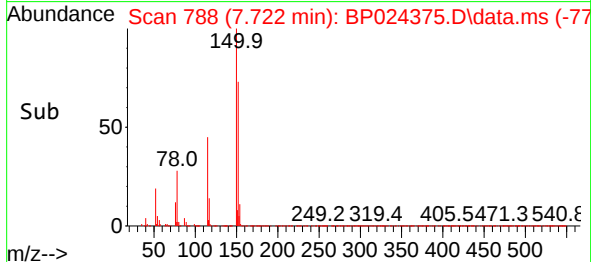
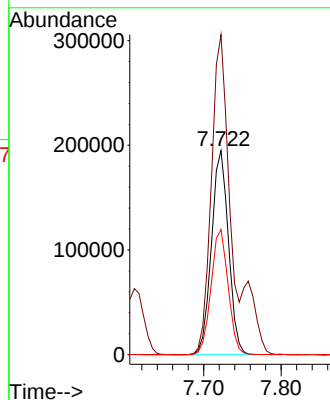
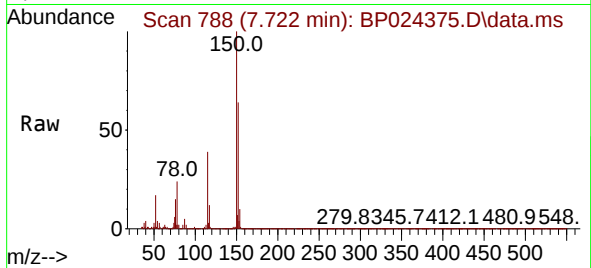




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: BP024375.D
 Acq: 22 Apr 2025 12:35

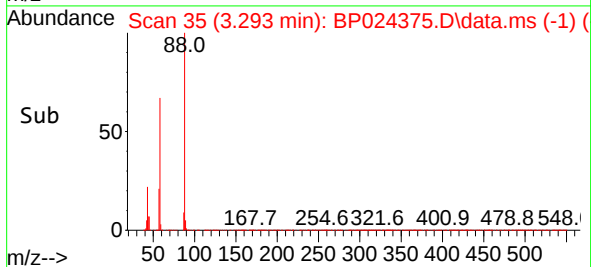
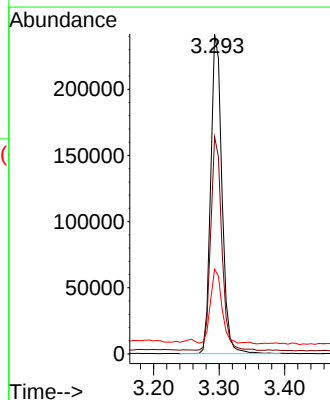
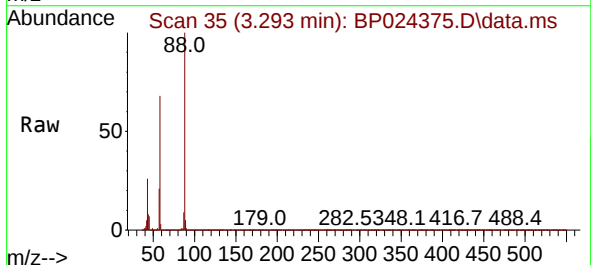
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Tgt Ion:152 Resp: 296992
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.9 187.3
 115 61.3 47.7 71.5



#2
 1,4-Dioxane
 Concen: 37.943 ng
 RT: 3.293 min Scan# 35
 Delta R.T. 0.006 min
 Lab File: BP024375.D
 Acq: 22 Apr 2025 12:35

Tgt Ion: 88 Resp: 288273
 Ion Ratio Lower Upper
 88 100
 58 65.8 51.4 77.2
 43 23.0 17.1 25.7

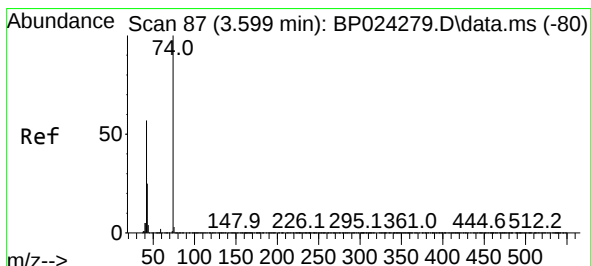
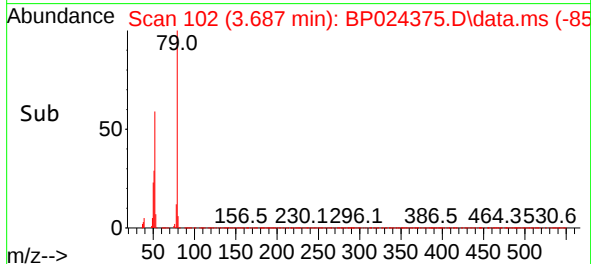
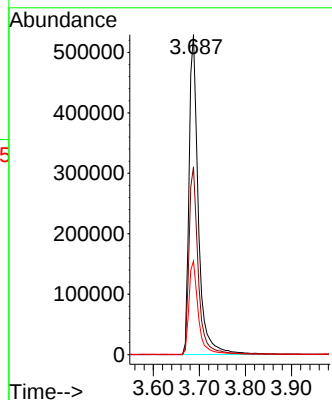
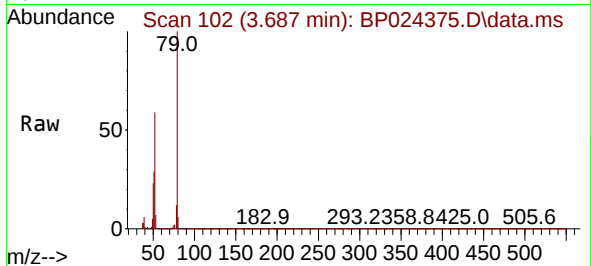




#3
Pyridine
Concen: 36.937 ng
RT: 3.687 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

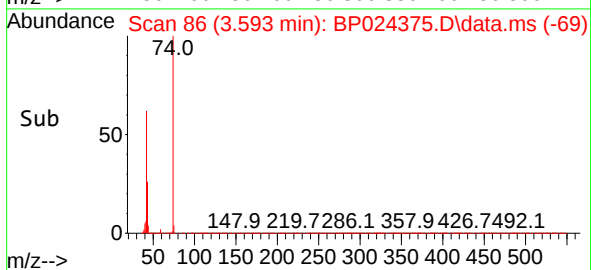
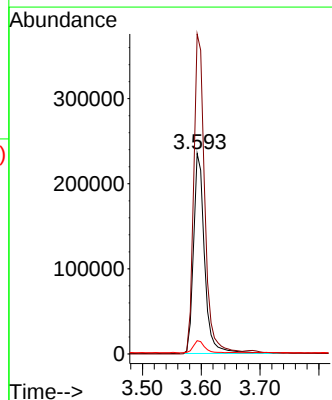
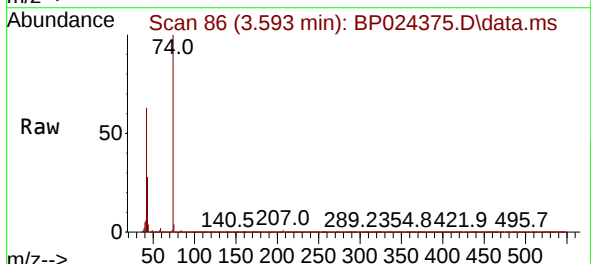
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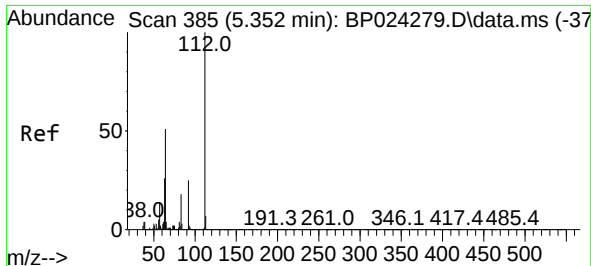
Tgt Ion: 79 Resp: 741023
Ion Ratio Lower Upper
79 100
52 58.7 45.4 68.2
51 29.3 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 46.093 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 42 Resp: 306893
Ion Ratio Lower Upper
42 100
74 159.6 139.5 209.3
44 6.6 5.8 8.8

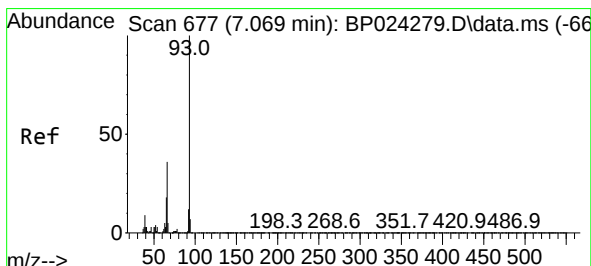
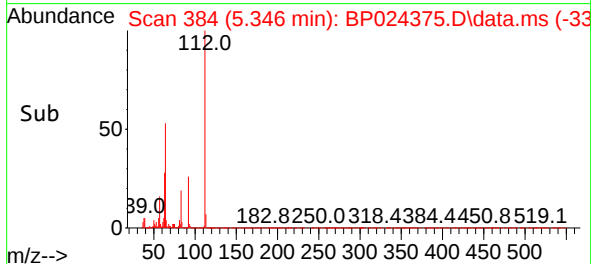
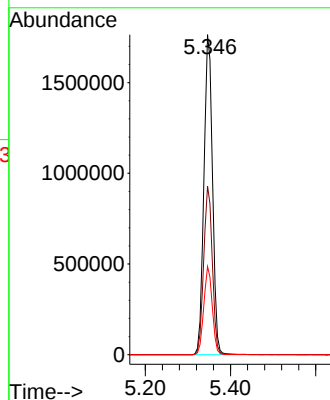
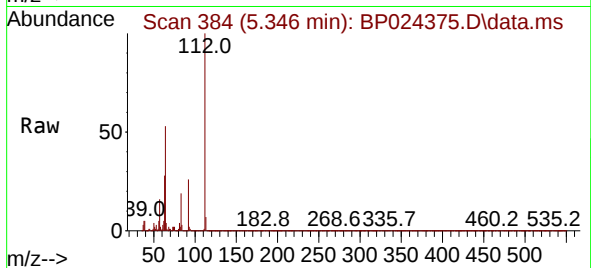




#5
2-Fluorophenol
Concen: 137.394 ng
RT: 5.346 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

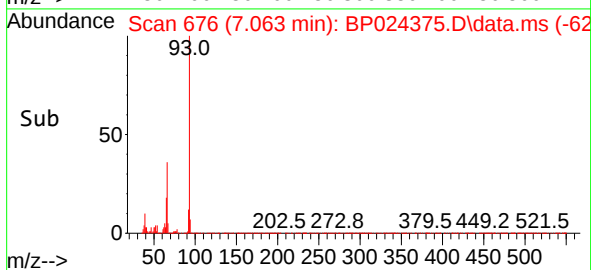
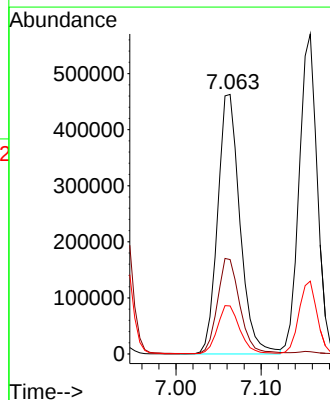
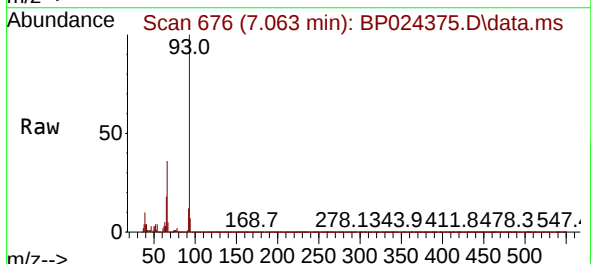
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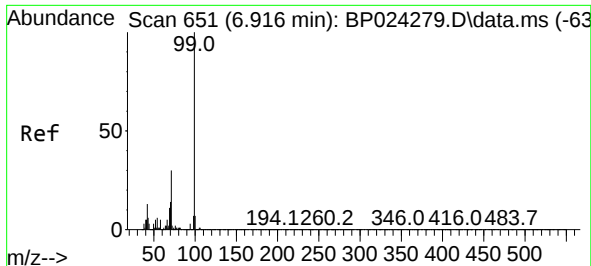
Tgt Ion:112 Resp: 2467864
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 27.5 20.6 30.8



#6
Aniline
Concen: 38.285 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 93 Resp: 841427
Ion Ratio Lower Upper
93 100
66 36.4 29.1 43.7
65 18.5 14.7 22.1

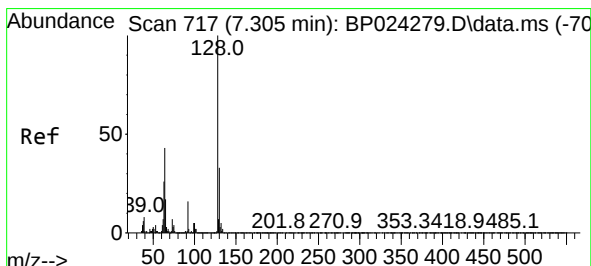
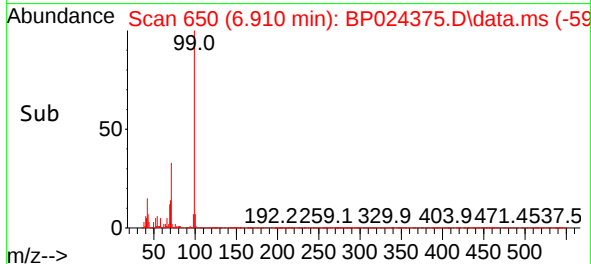
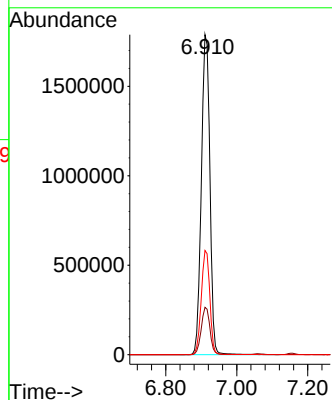
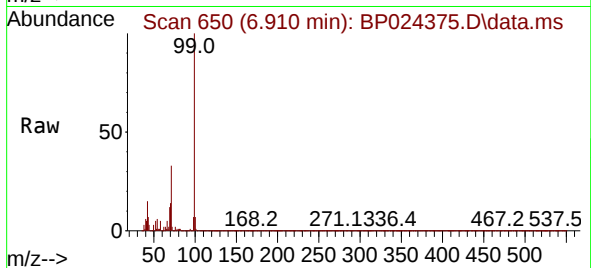




#7
Phenol-d6
Concen: 122.080 ng
RT: 6.910 min Scan# 610
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

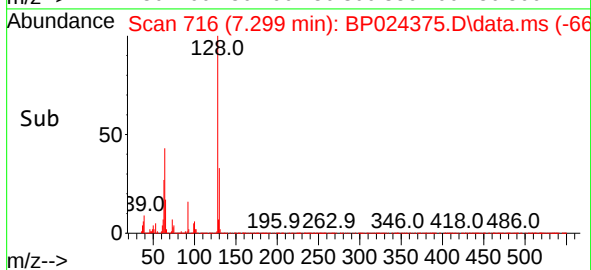
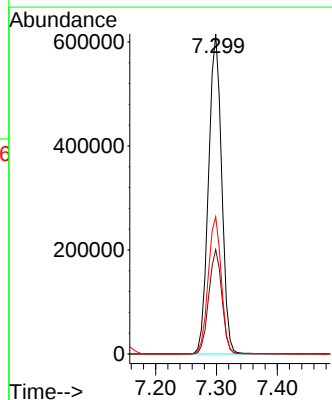
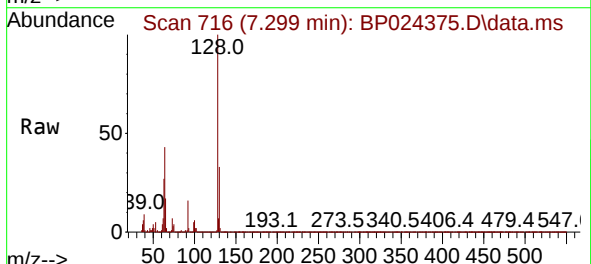
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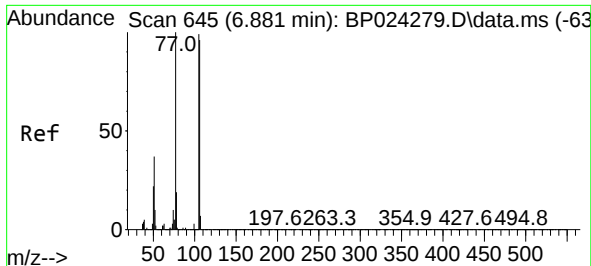
Tgt Ion: 99 Resp: 3002533
Ion Ratio Lower Upper
99 100
42 14.8 10.6 16.0
71 32.5 23.7 35.5



#8
2-Chlorophenol
Concen: 45.971 ng
RT: 7.299 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 128 Resp: 921922
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 42.9 22.7 62.7

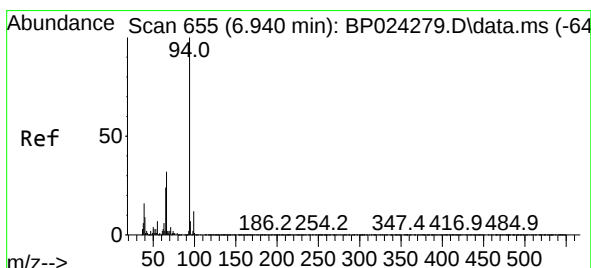
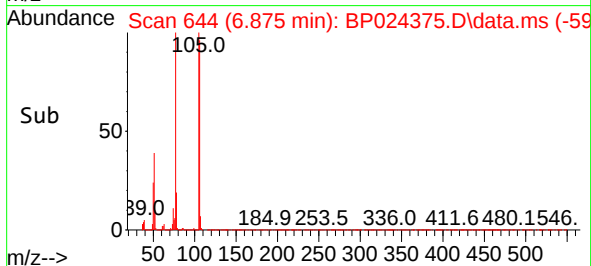
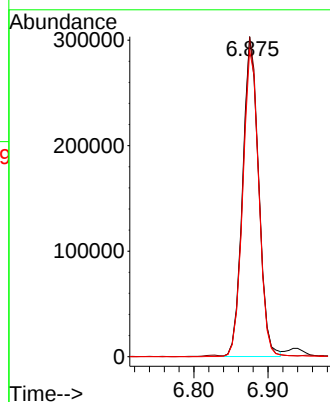
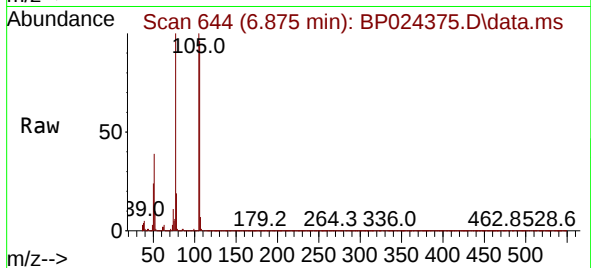




#9
Benzaldehyde
Concen: 37.242 ng
RT: 6.875 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

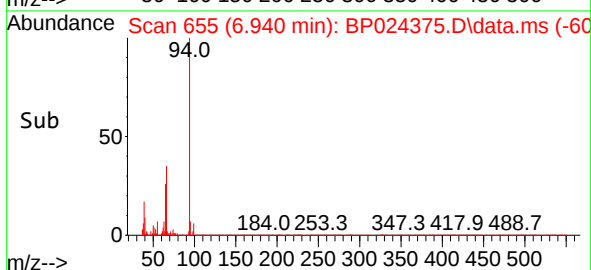
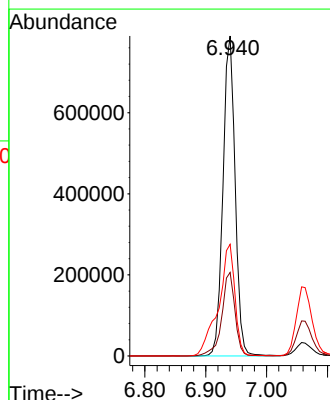
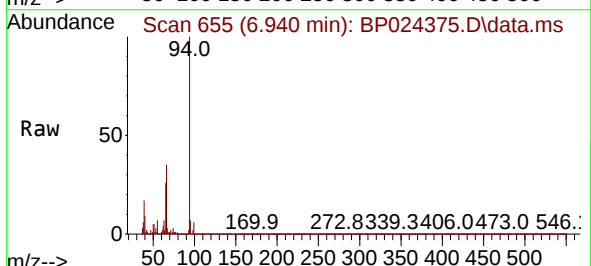
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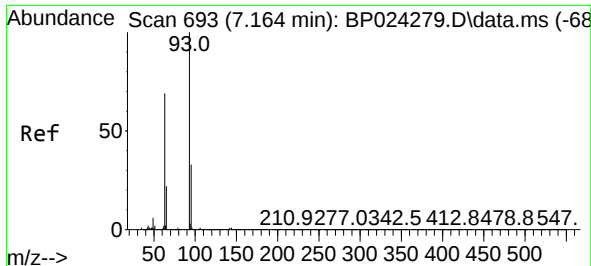
Tgt Ion: 77 Resp: 453091
Ion Ratio Lower Upper
77 100
105 100.0 79.2 119.2
106 95.8 76.2 116.2



#10
Phenol
Concen: 44.336 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 94 Resp: 1093874
Ion Ratio Lower Upper
94 100
65 26.1 4.5 44.5
66 34.9 12.4 52.4





#11

bis(2-Chloroethyl)ether

Concen: 42.468 ng

RT: 7.158 min Scan# 693

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

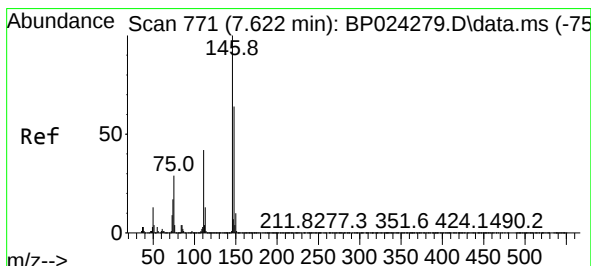
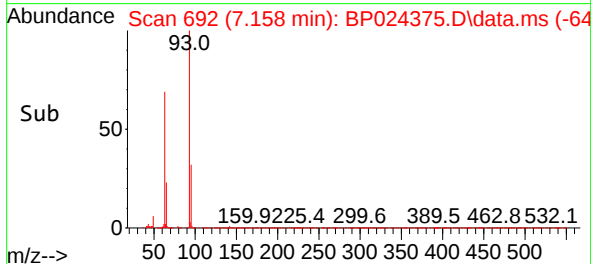
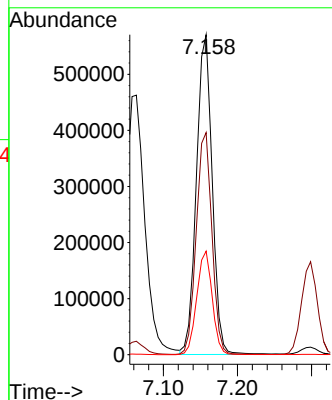
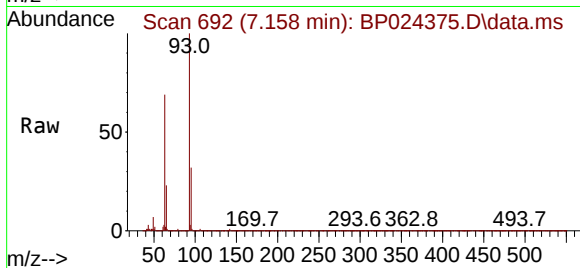
Tgt Ion: 93 Resp: 844213

Ion Ratio Lower Upper

93 100

63 69.4 48.6 88.6

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 44.795 ng

RT: 7.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

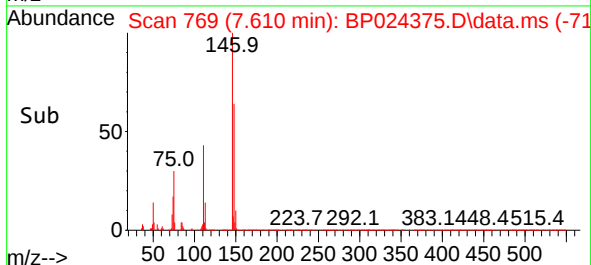
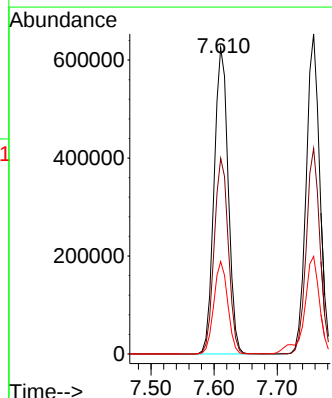
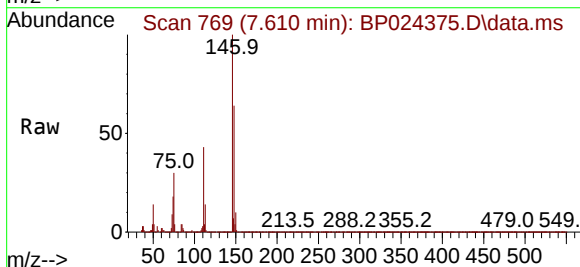
Tgt Ion: 146 Resp: 967119

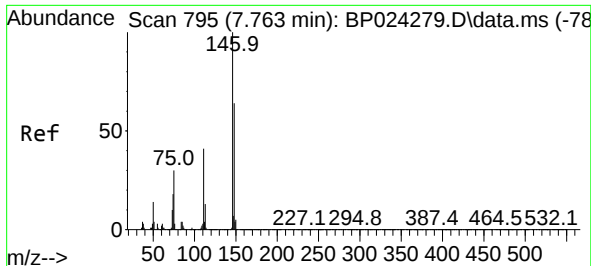
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

75 30.1 22.9 34.3

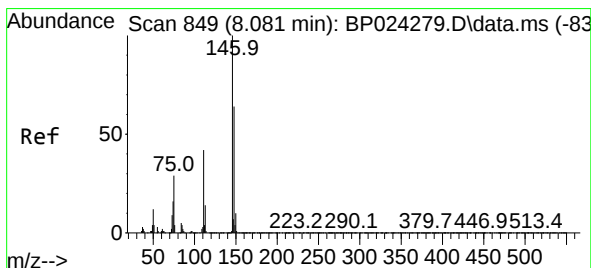
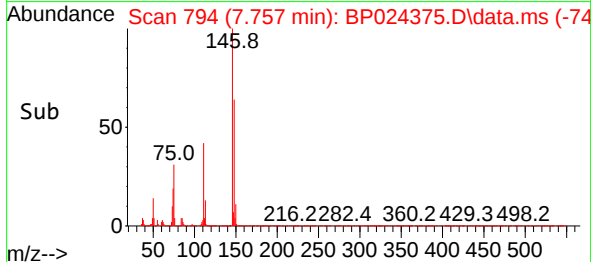
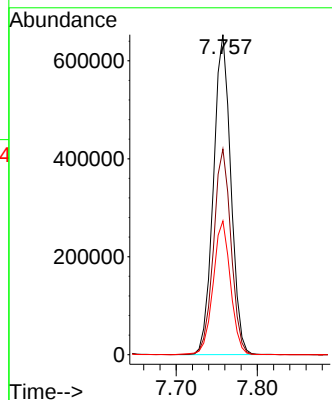
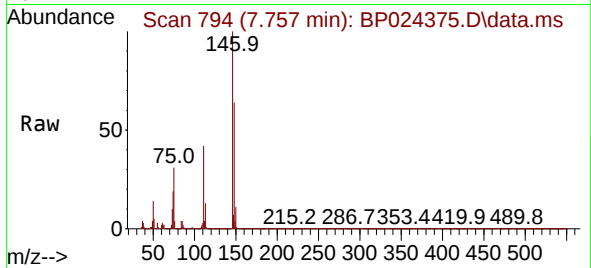




#13
1,4-Dichlorobenzene
Concen: 44.430 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

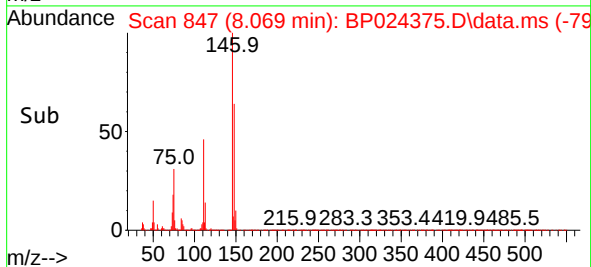
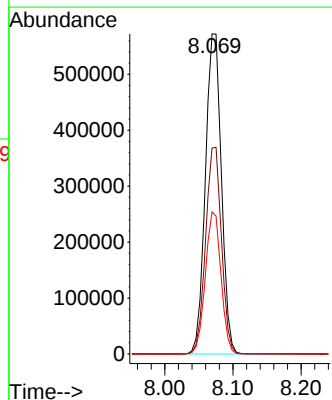
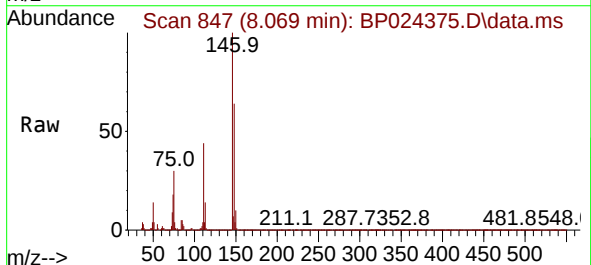
Instrument :
BNA_P
ClientSampleId :
PB167670BS

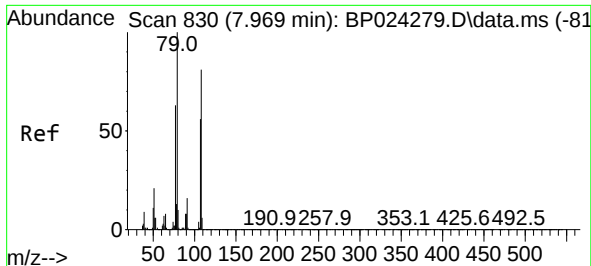
Tgt Ion:146 Resp: 973261
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 41.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.263 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:146 Resp: 936257
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 44.4 33.8 50.8

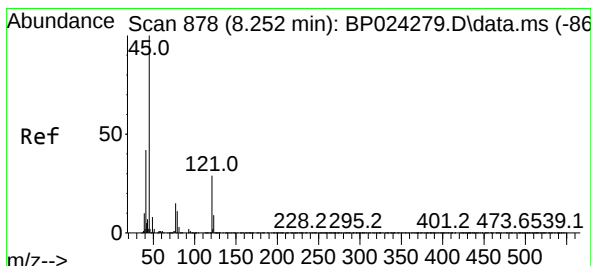
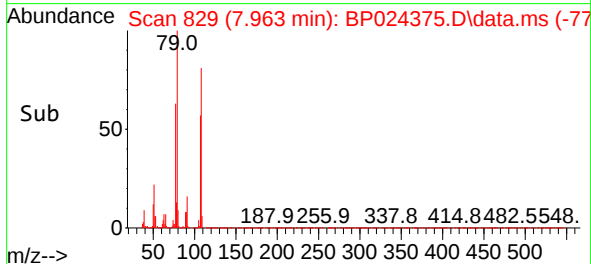
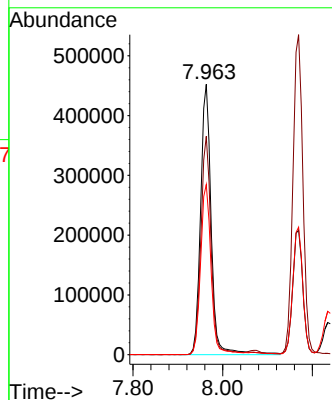
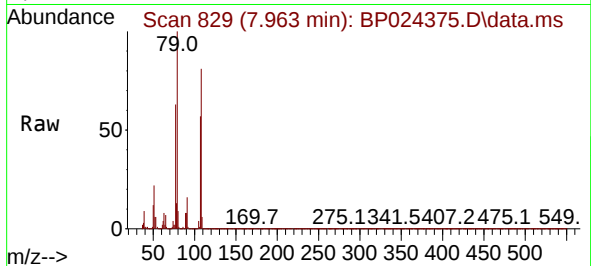




#15
Benzyl Alcohol
Concen: 46.513 ng
RT: 7.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

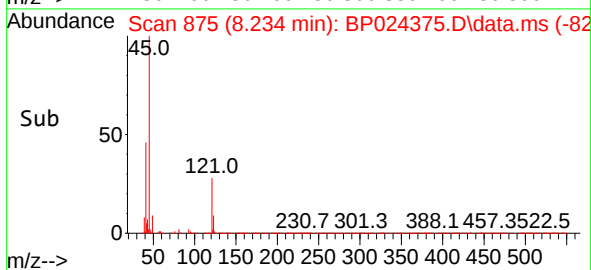
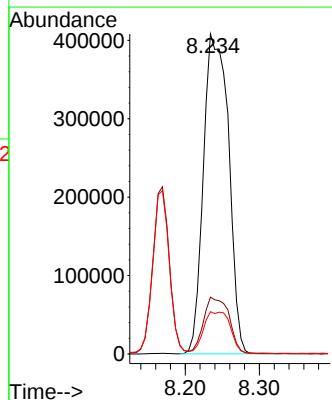
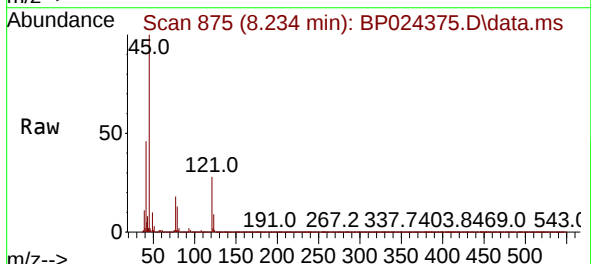
Instrument :
BNA_P
ClientSampleId :
PB167670BS

Tgt Ion: 79 Resp: 739814
Ion Ratio Lower Upper
79 100
108 80.8 65.1 97.7
77 62.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.668 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 45 Resp: 959765
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.2 0.0 33.5

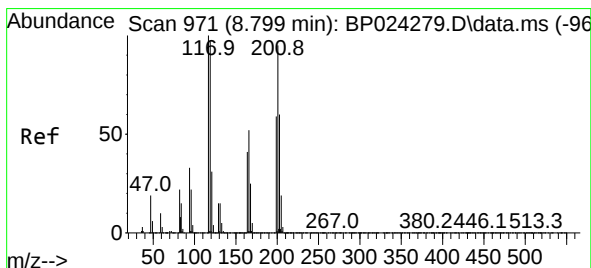
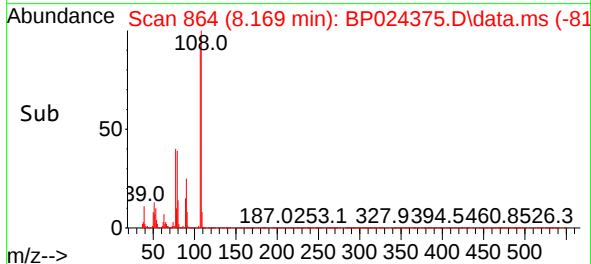
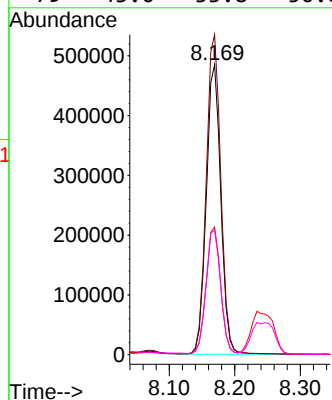
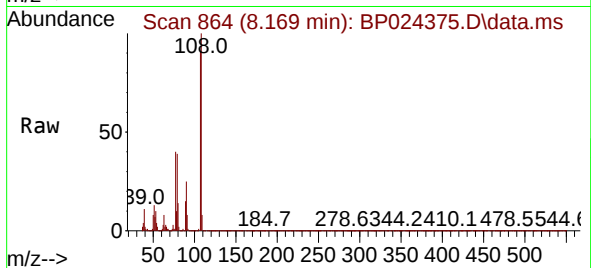




#17
2-Methylphenol
Concen: 46.645 ng
RT: 8.169 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

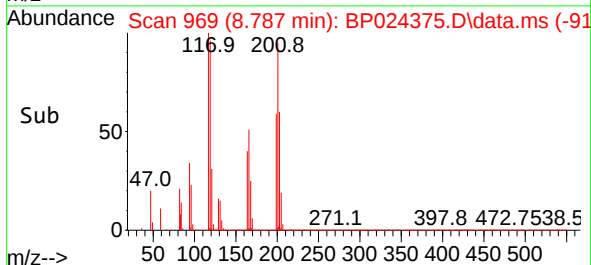
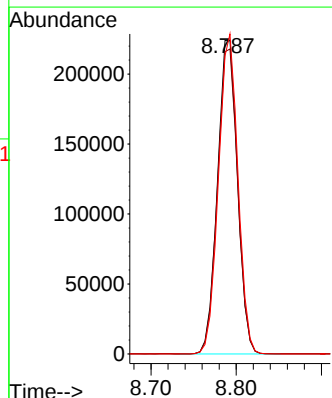
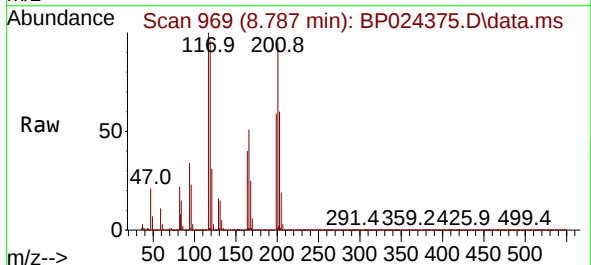
Instrument :
BNA_P
ClientSampleId :
PB167670BS

Tgt Ion:	107	Resp:	744492
Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.8	134.6
77	44.0	34.2	51.4
79	43.0	33.8	50.8



#18
Hexachloroethane
Concen: 46.372 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:	117	Resp:	367102
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.6
201	95.1	75.9	113.9

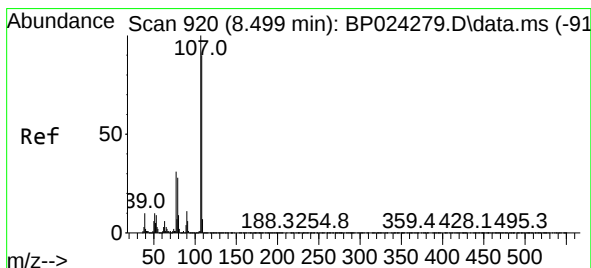
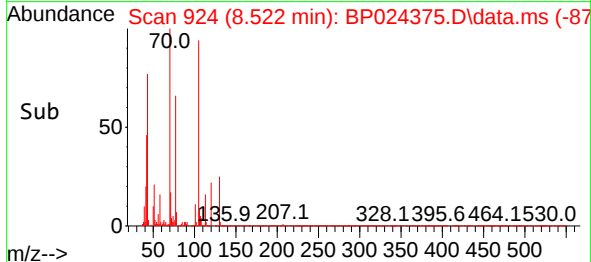
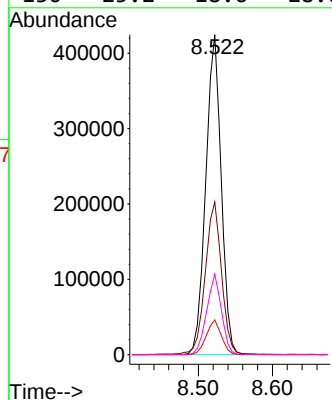
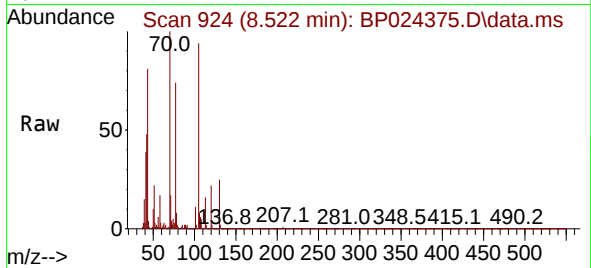




#19
n-Nitroso-di-n-propylamine
Concen: 40.347 ng
RT: 8.522 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

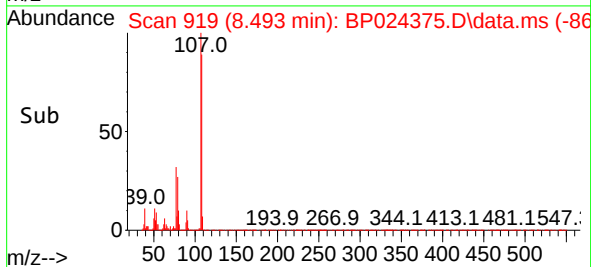
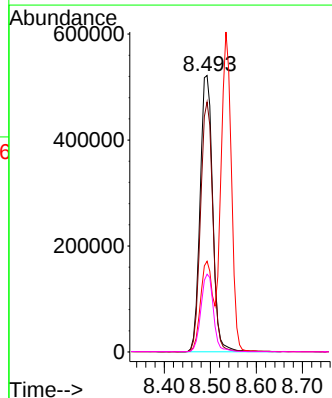
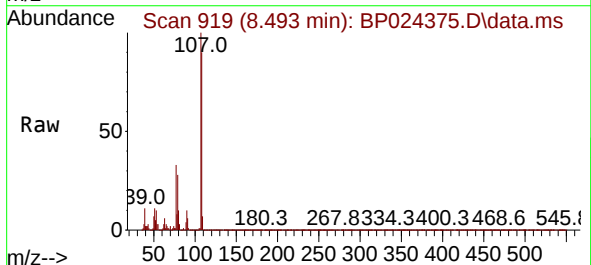
Instrument :
BNA_P
ClientSampleId :
PB167670BS

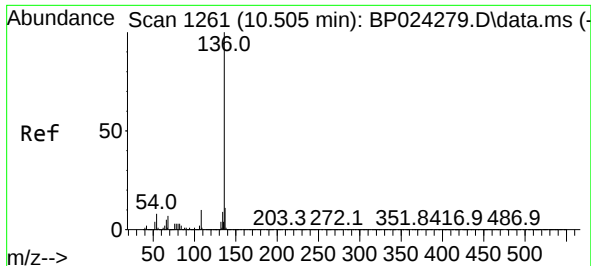
Tgt Ion: 70 Resp: 613911
Ion Ratio Lower Upper
70 100
42 47.8 37.3 55.9
101 10.8 8.2 12.4
130 25.2 18.6 28.0



#20
3+4-Methylphenols
Concen: 44.812 ng
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 107 Resp: 992405
Ion Ratio Lower Upper
107 100
108 90.5 69.8 109.8
77 32.8 11.5 51.5
79 28.2 7.8 47.8

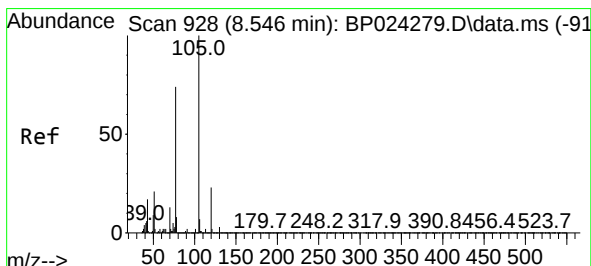
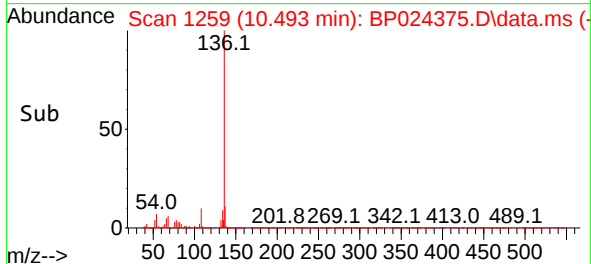
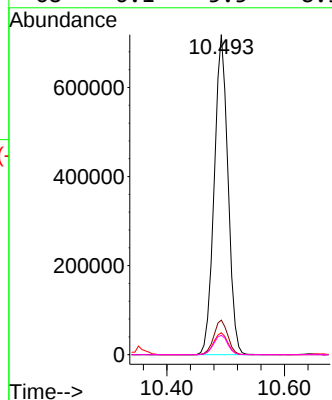
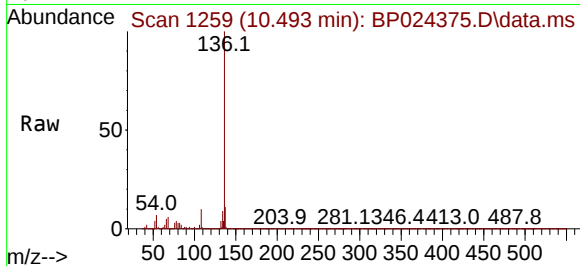




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

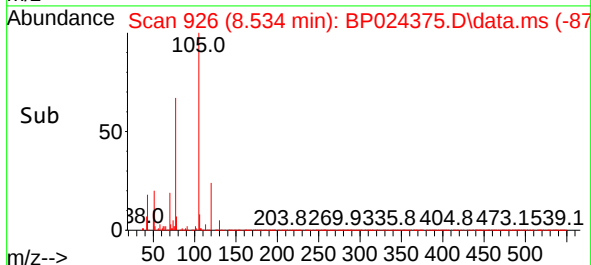
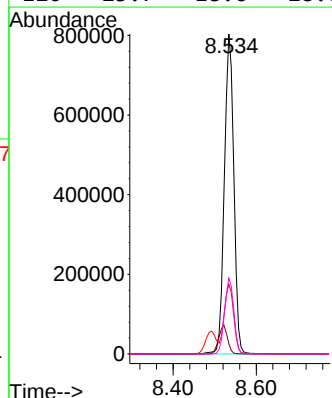
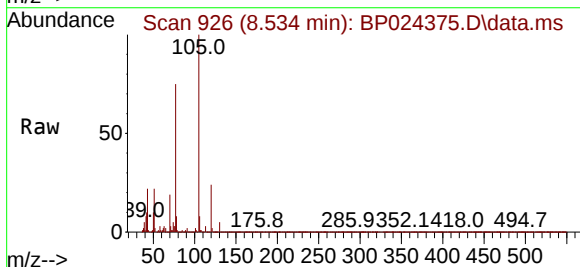
Instrument :
BNA_P
ClientSampleId :
PB167670BS

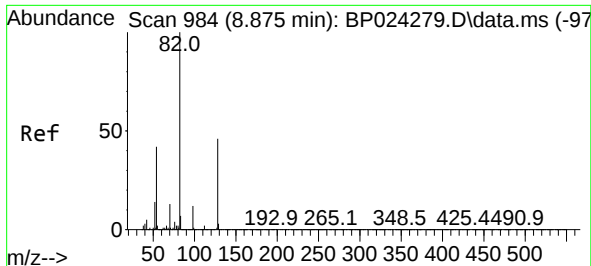
Tgt Ion:136 Resp: 1162474
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 6.1 5.5 8.3



#22
Acetophenone
Concen: 44.151 ng
RT: 8.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:105 Resp: 1270302
Ion Ratio Lower Upper
105 100
71 3.3 1.7 2.5#
51 21.8 16.9 25.3
120 23.7 18.6 28.0

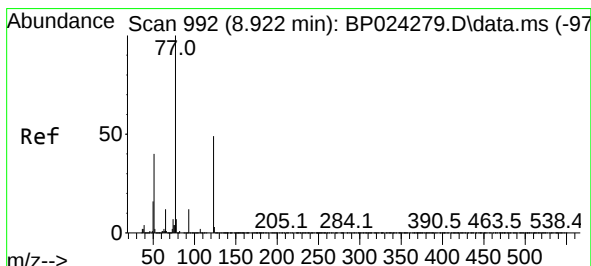
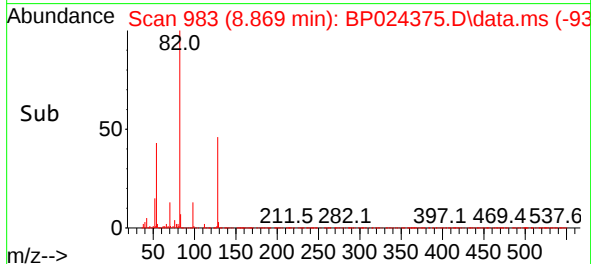
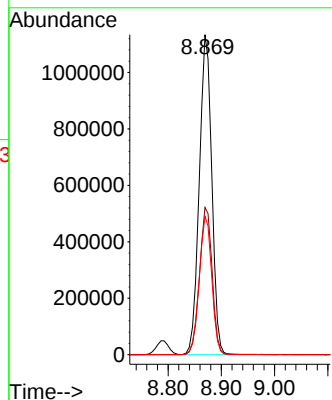
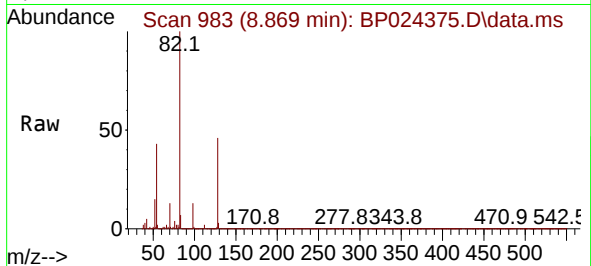




#23
Nitrobenzene-d5
Concen: 90.589 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

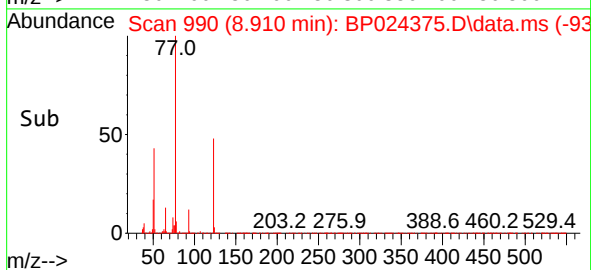
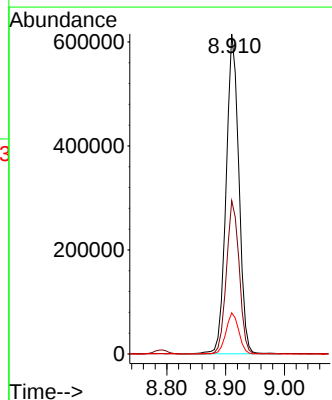
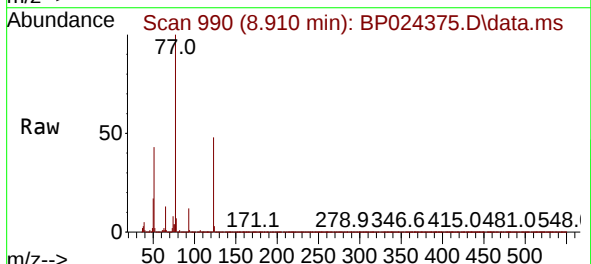
Instrument :
BNA_P
ClientSampleId :
PB167670BS

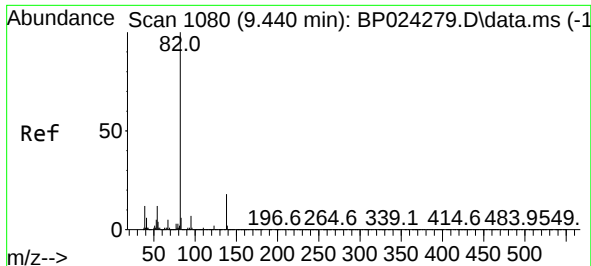
Tgt Ion: 82 Resp: 1846802
Ion Ratio Lower Upper
82 100
128 46.0 36.5 54.7
54 43.3 33.4 50.2



#24
Nitrobenzene
Concen: 45.790 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 77 Resp: 923471
Ion Ratio Lower Upper
77 100
123 47.9 39.2 58.8
65 12.9 9.8 14.6

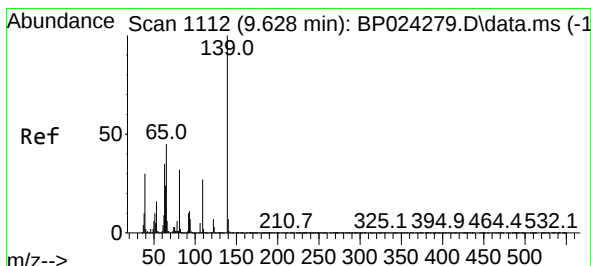
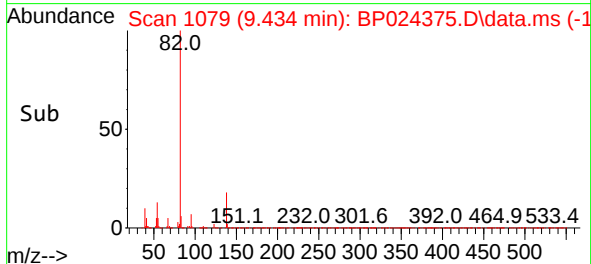
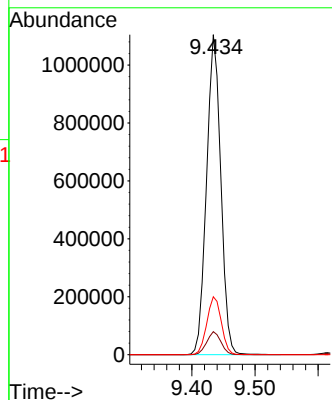
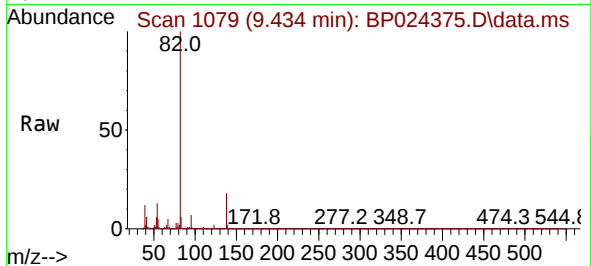




#25
Isophorone
Concen: 46.958 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

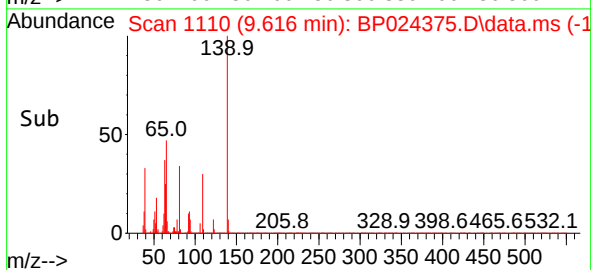
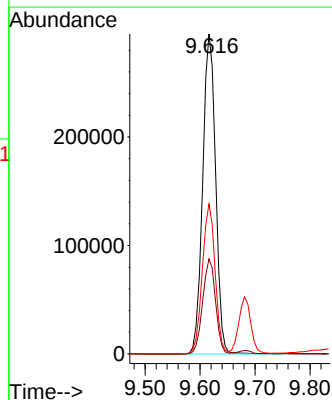
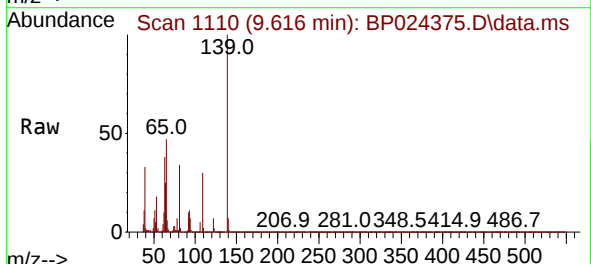
Instrument :
BNA_P
ClientSampleId :
PB167670BS

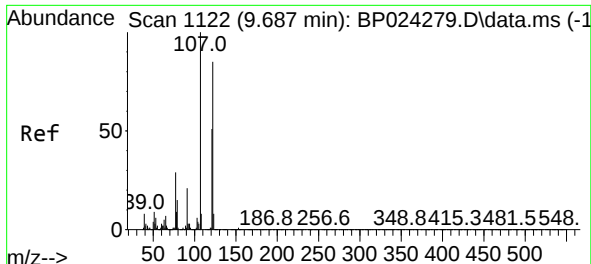
Tgt Ion: 82 Resp: 1732824
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 18.1 14.4 21.6



#26
2-Nitrophenol
Concen: 48.794 ng
RT: 9.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 139 Resp: 481576
Ion Ratio Lower Upper
139 100
109 29.6 21.8 32.6
65 46.8 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 65.883 ng

RT: 9.681 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

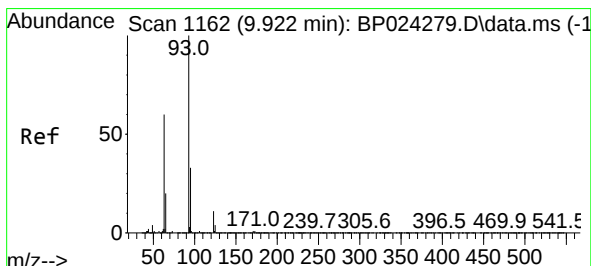
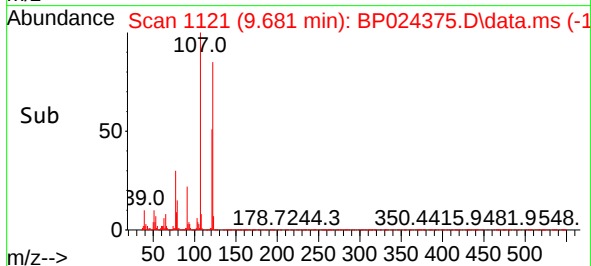
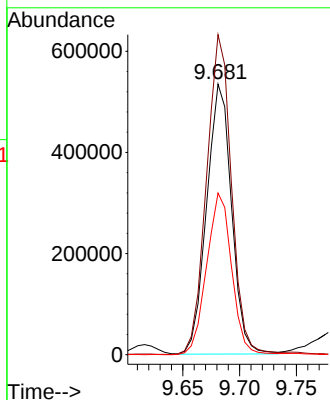
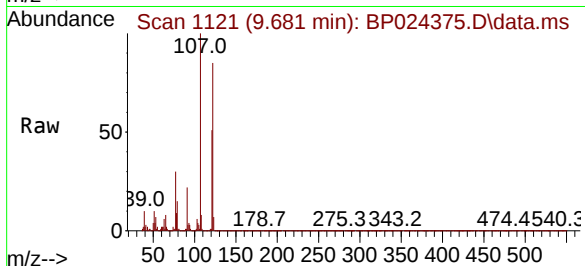
Tgt Ion:122 Resp: 816450

Ion Ratio Lower Upper

122 100

107 118.3 93.7 140.5

121 59.8 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 44.666 ng

RT: 9.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

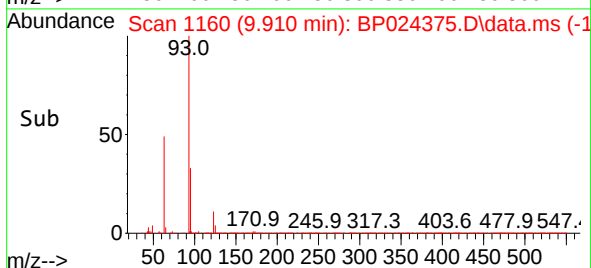
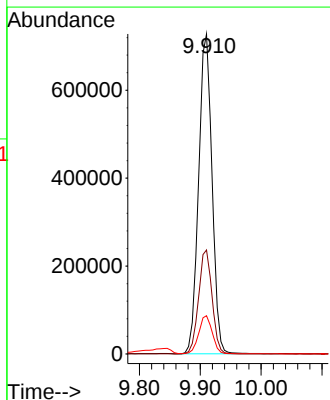
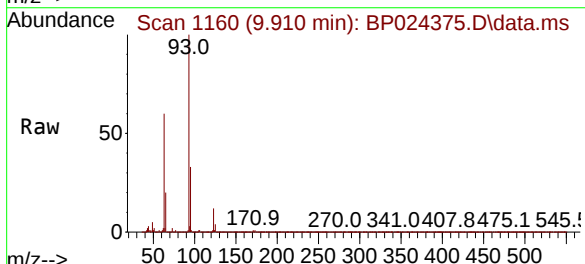
Tgt Ion: 93 Resp: 1113451

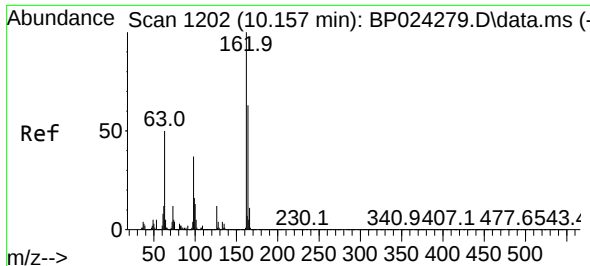
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 12.0 9.1 13.7

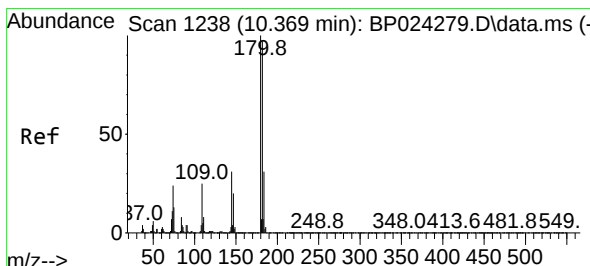
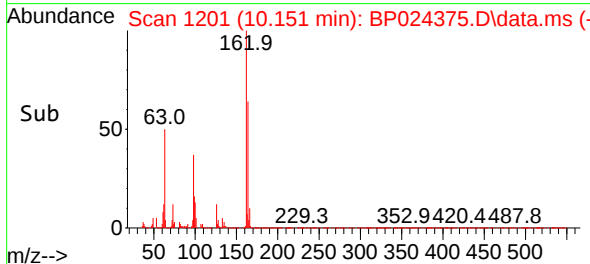
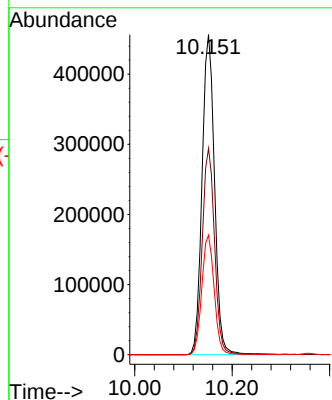
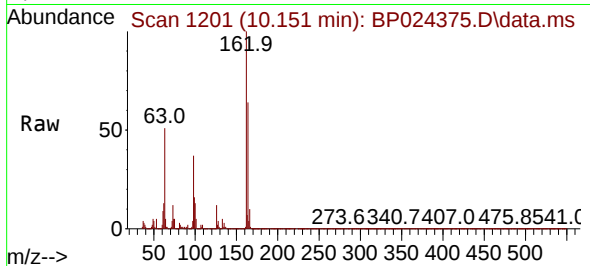




#29
2,4-Dichlorophenol
Concen: 48.034 ng
RT: 10.151 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

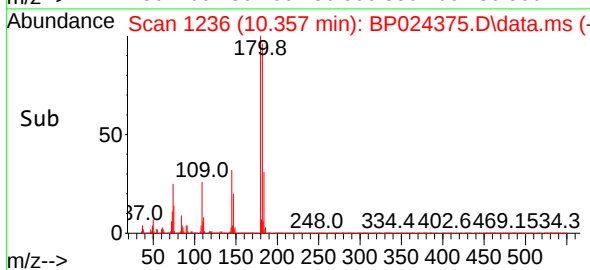
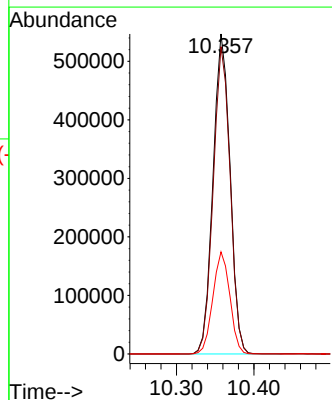
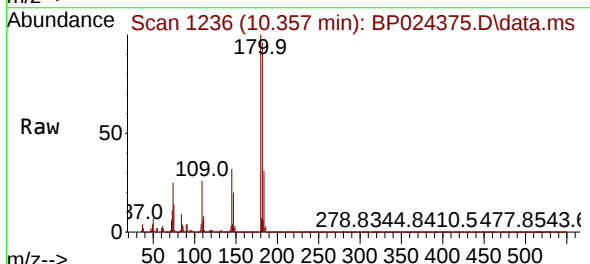
Instrument :
BNA_P
ClientSampleId :
PB167670BS

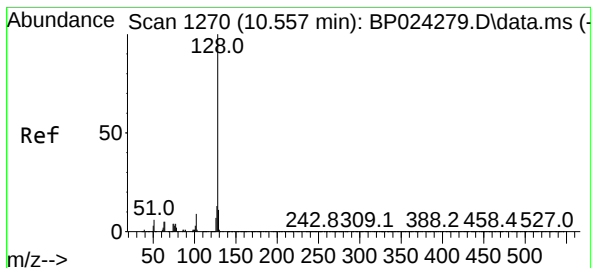
Tgt Ion:162 Resp: 811638
Ion Ratio Lower Upper
162 100
164 64.5 43.3 83.3
98 37.3 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 46.164 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:180 Resp: 835747
Ion Ratio Lower Upper
180 100
182 96.0 77.3 115.9
145 31.9 25.1 37.7

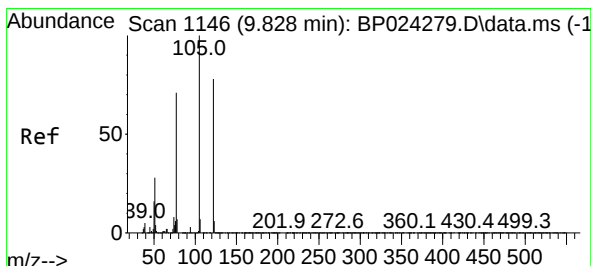
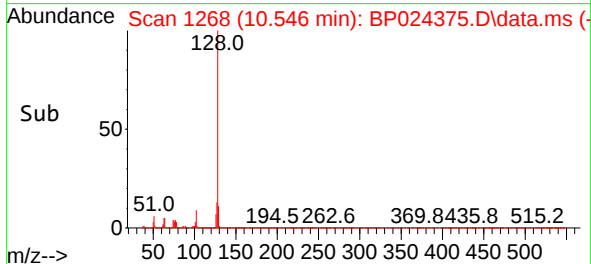
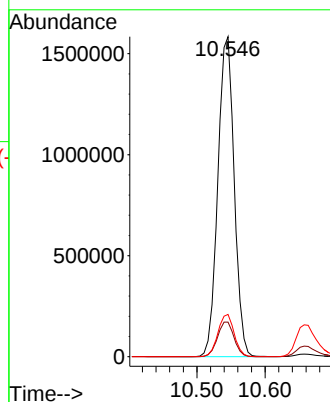
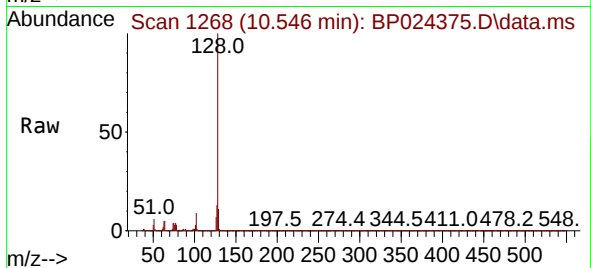




#31
Naphthalene
Concen: 43.184 ng
RT: 10.546 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

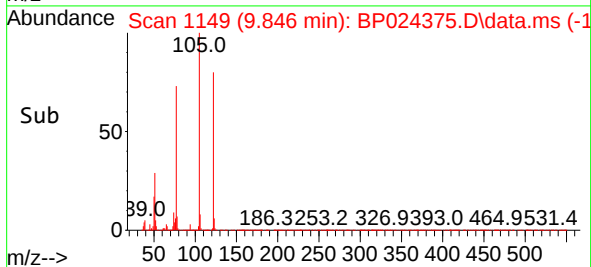
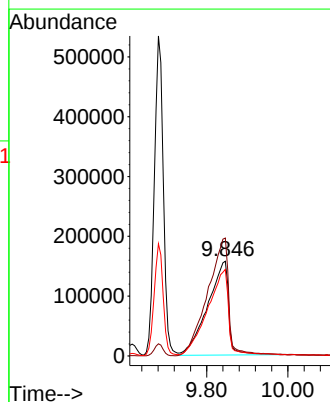
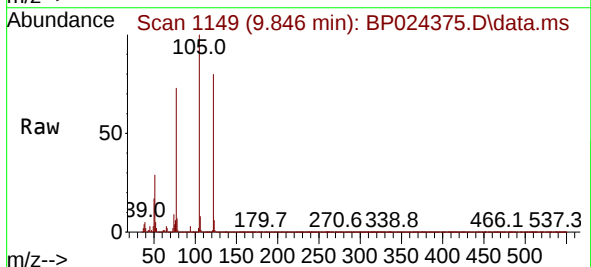
Instrument :
BNA_P
ClientSampleId :
PB167670BS

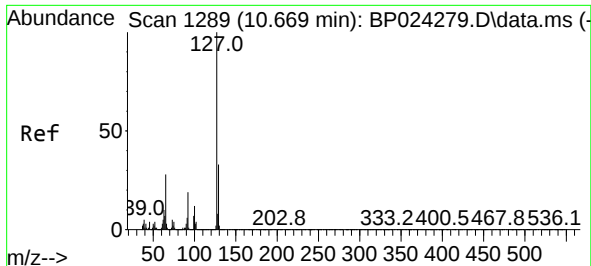
Tgt Ion:128 Resp: 2644366
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 39.216 ng
RT: 9.846 min Scan# 1149
Delta R.T. 0.024 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:122 Resp: 566275
Ion Ratio Lower Upper
122 100
105 124.4 104.8 144.8
77 91.4 69.2 109.2

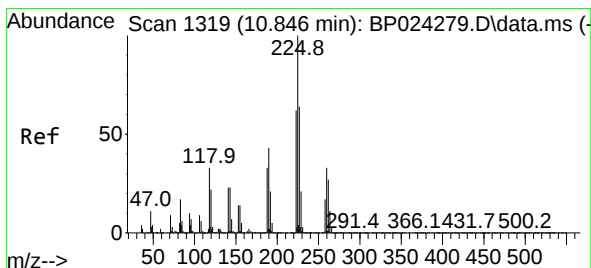
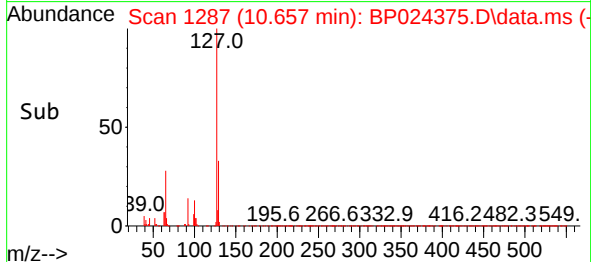
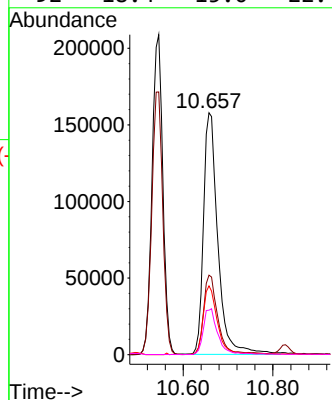
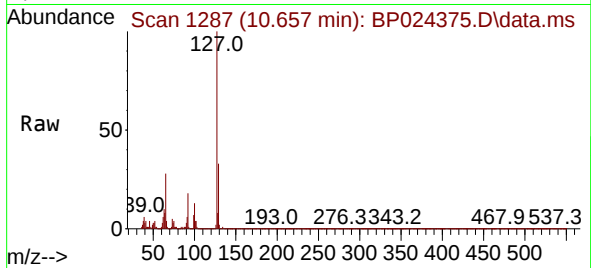




#33
4-Chloroaniline
Concen: 16.283 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

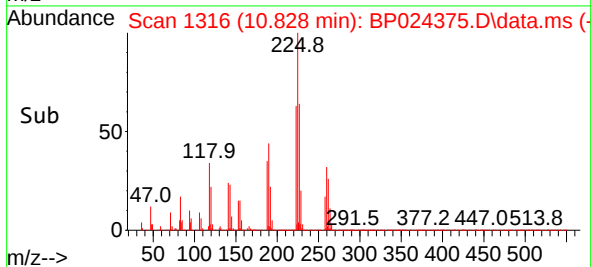
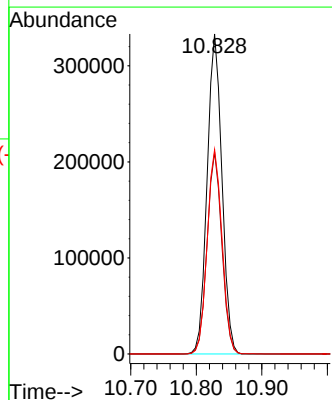
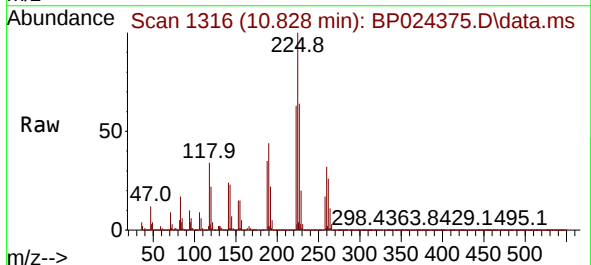
Instrument :
BNA_P
ClientSampleId :
PB167670BS

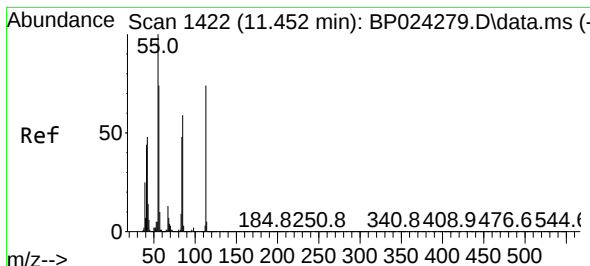
Tgt Ion:	127	Resp:	351138
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.5	22.1	33.1
92	18.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 49.130 ng
RT: 10.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:	225	Resp:	522662
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	63.9	50.9	76.3

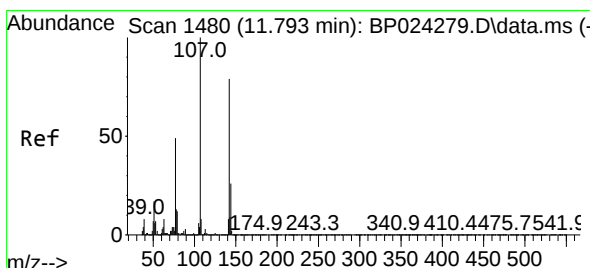
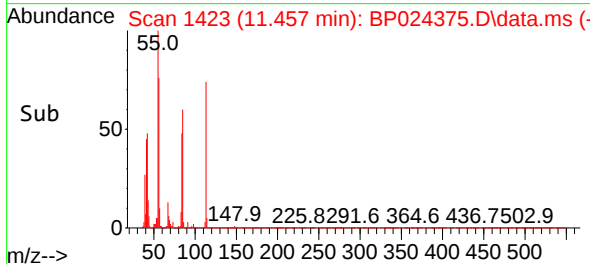
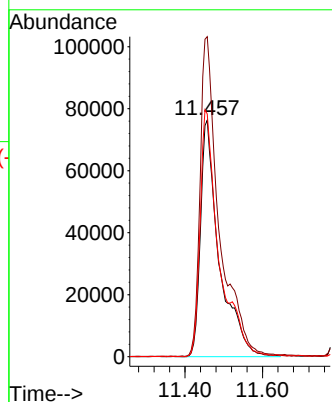
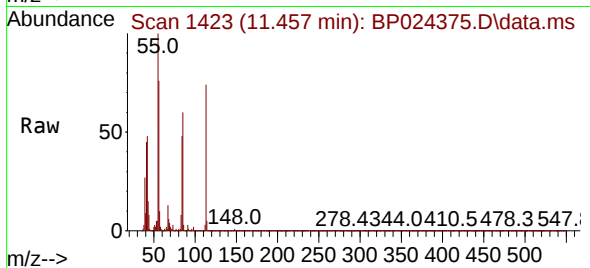




#35
Caprolactam
Concen: 40.995 ng
RT: 11.457 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

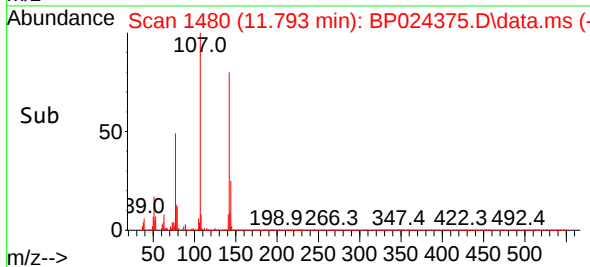
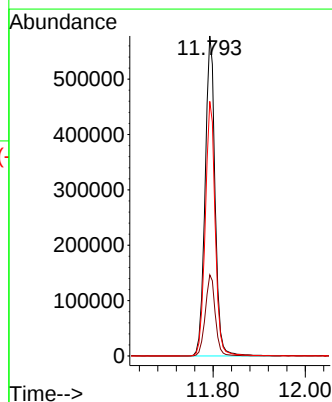
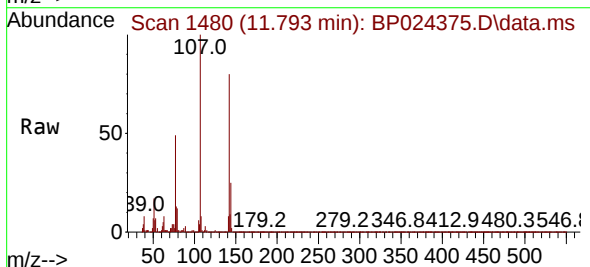
Instrument :
BNA_P
ClientSampleId :
PB167670BS

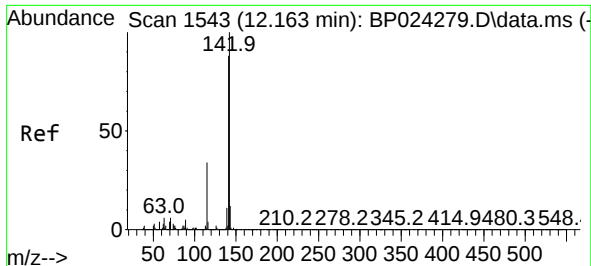
Tgt Ion:113 Resp: 255593
Ion Ratio Lower Upper
113 100
55 135.3 115.9 155.9
56 102.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 44.406 ng
RT: 11.793 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:107 Resp: 873957
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 79.6 63.4 95.2

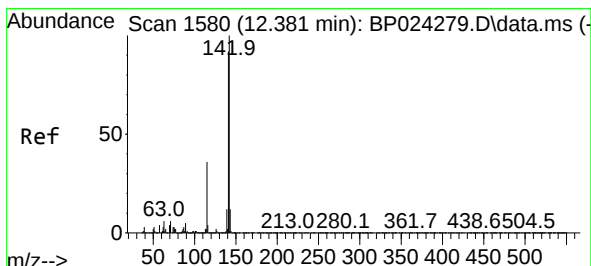
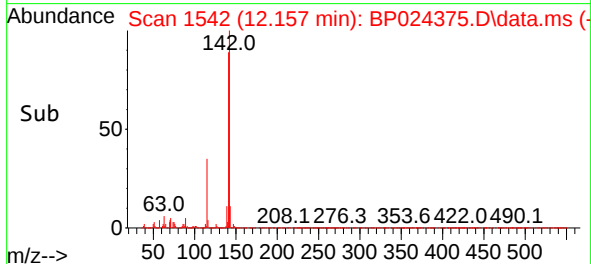
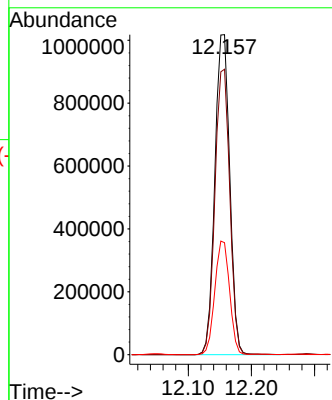
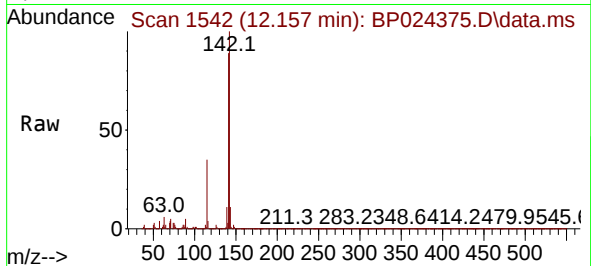




#37
2-Methylnaphthalene
Concen: 39.276 ng
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

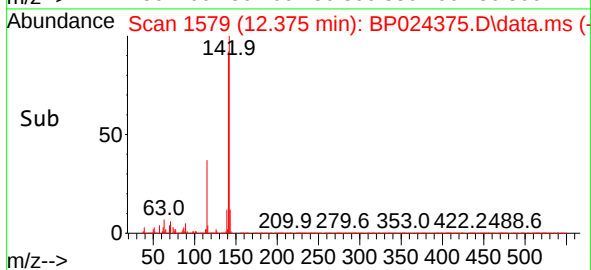
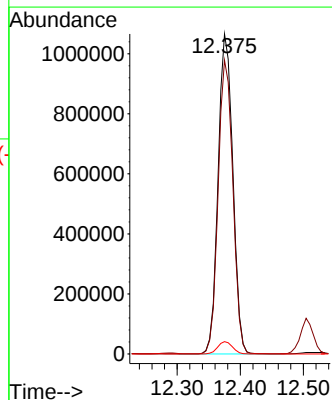
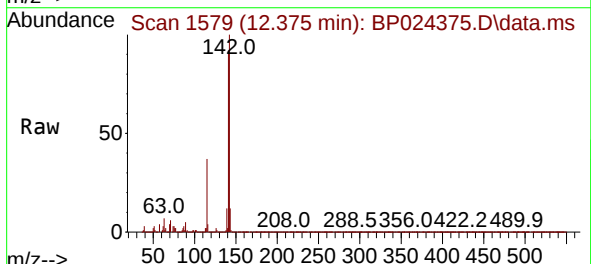
Instrument :
BNA_P
ClientSampleId :
PB167670BS

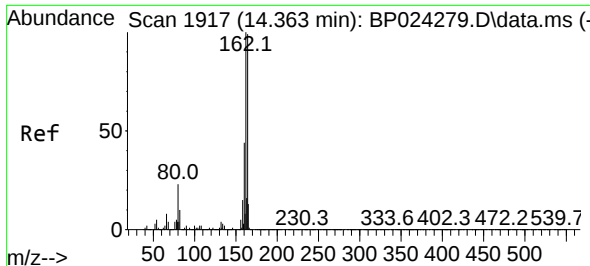
Tgt Ion:142 Resp: 1667944
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 35.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.524 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:142 Resp: 1725108
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4
116 3.8 3.0 4.6

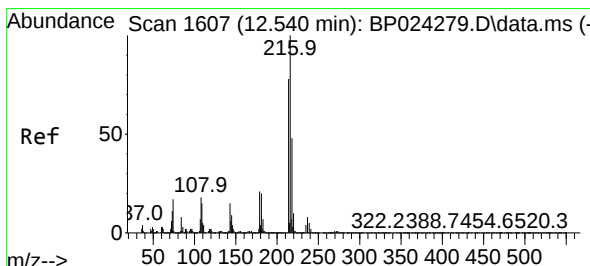
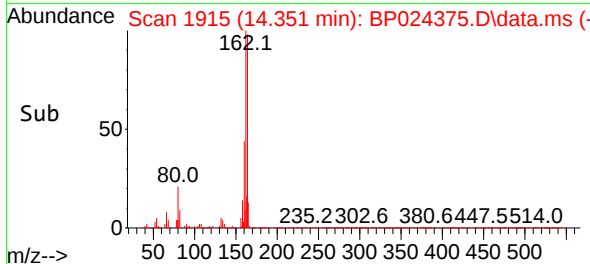
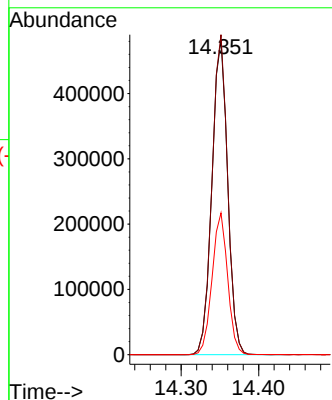
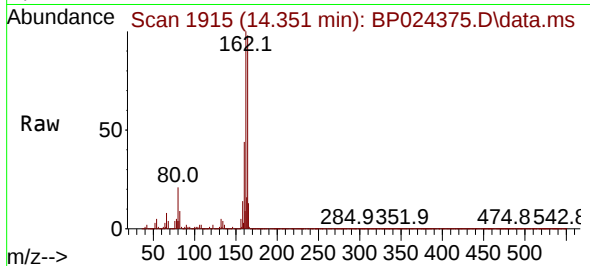




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

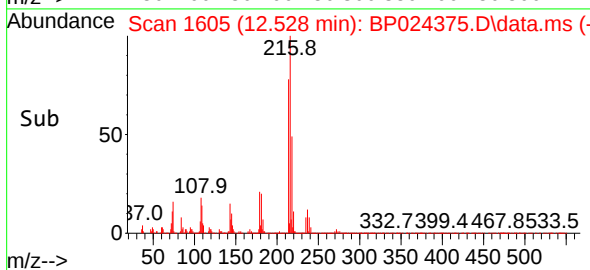
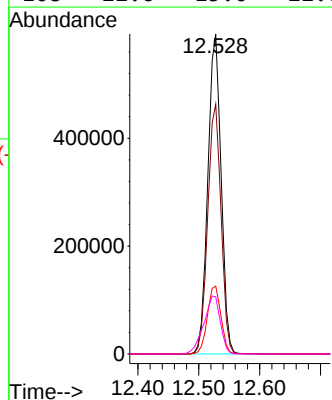
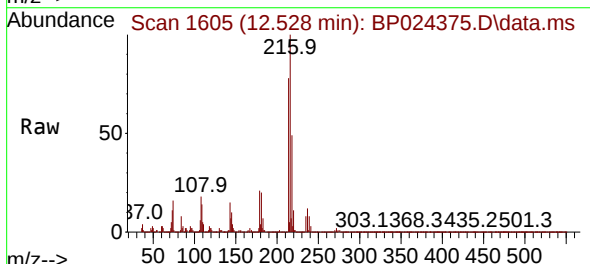
Instrument :
BNA_P
ClientSampleId :
PB167670BS

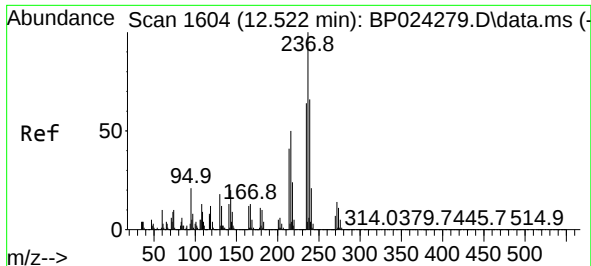
Tgt Ion:164 Resp: 680326
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.1 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.886 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:216 Resp: 895910
Ion Ratio Lower Upper
216 100
214 78.5 62.6 93.8
179 21.8 17.2 25.8
108 22.6 15.0 22.6#

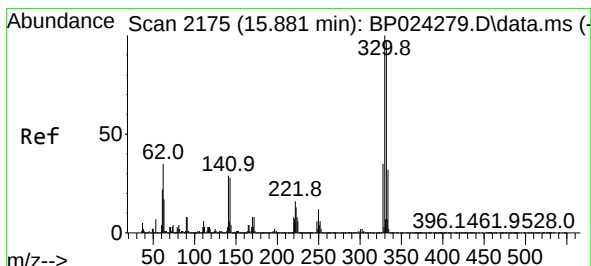
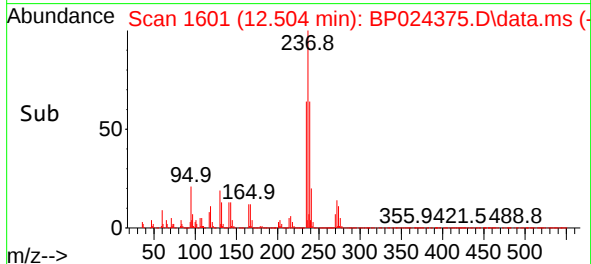
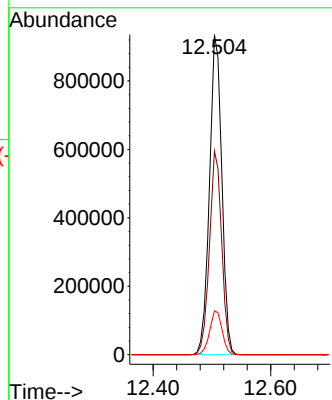
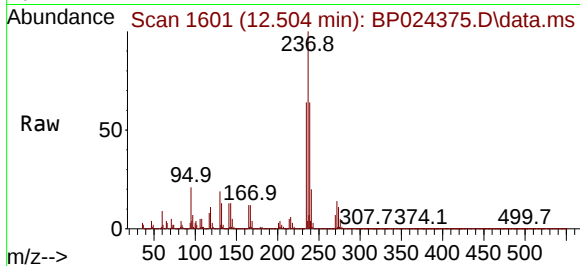




#41
Hexachlorocyclopentadiene
Concen: 205.442 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

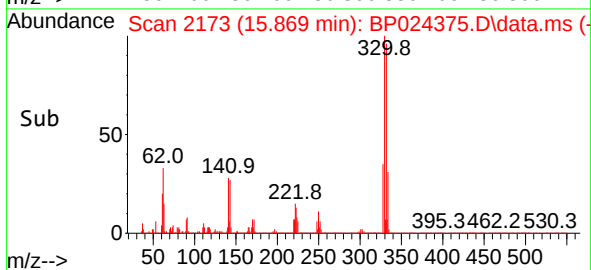
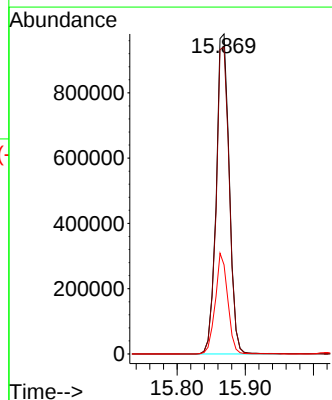
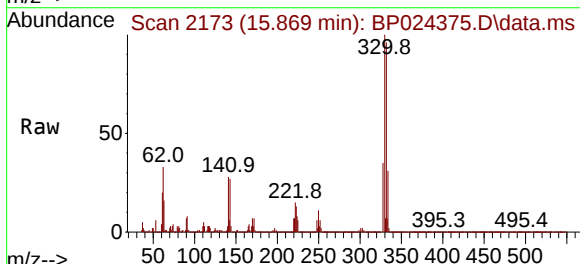
Instrument :
BNA_P
ClientSampleId :
PB167670BS

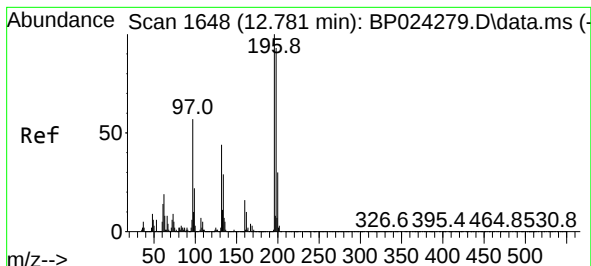
Tgt Ion:237 Resp: 1359386
Ion Ratio Lower Upper
237 100
235 63.6 43.9 83.9
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 138.391 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:330 Resp: 1302633
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.943 ng

RT: 12.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

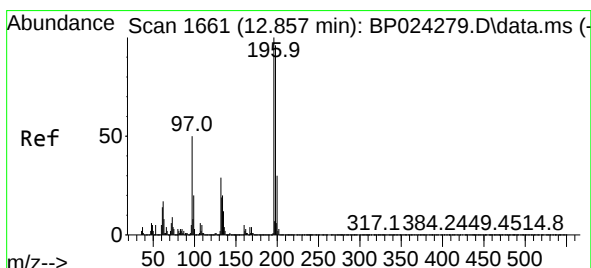
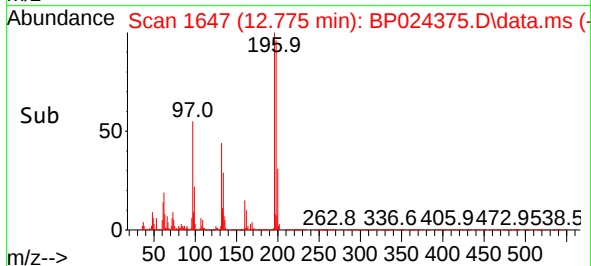
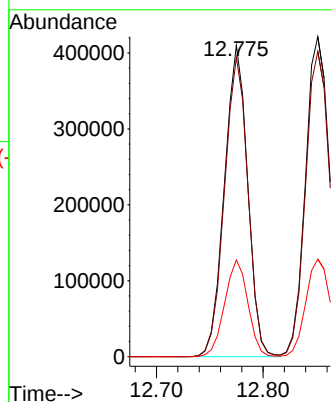
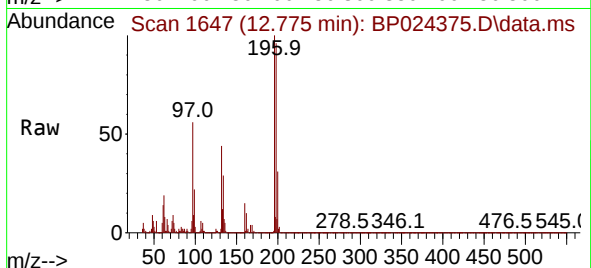
Tgt Ion:196 Resp: 621227

Ion Ratio Lower Upper

196 100

198 96.2 74.3 111.5

200 31.1 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.094 ng

RT: 12.851 min Scan# 1660

Delta R.T. -0.006 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Tgt Ion:196 Resp: 676236

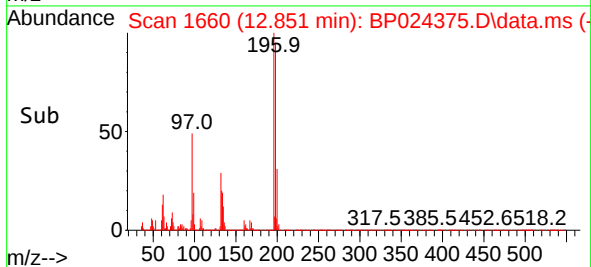
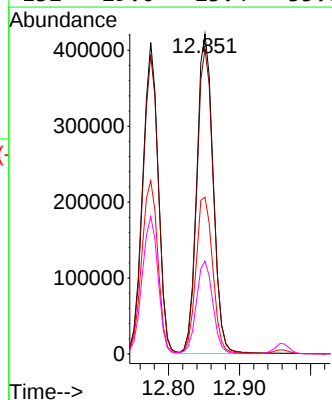
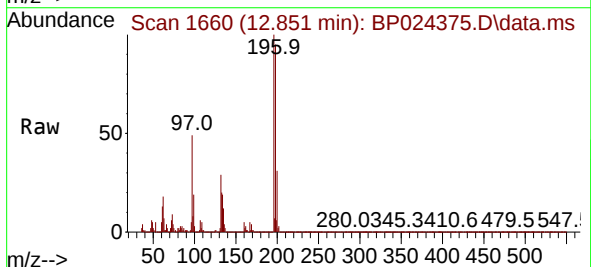
Ion Ratio Lower Upper

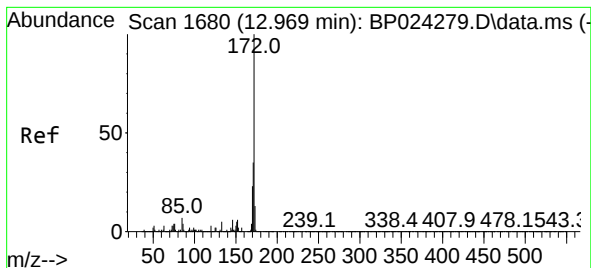
196 100

198 95.3 77.3 115.9

97 49.0 40.4 60.6

132 29.0 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 91.755 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

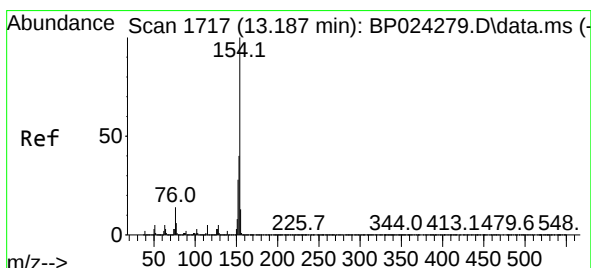
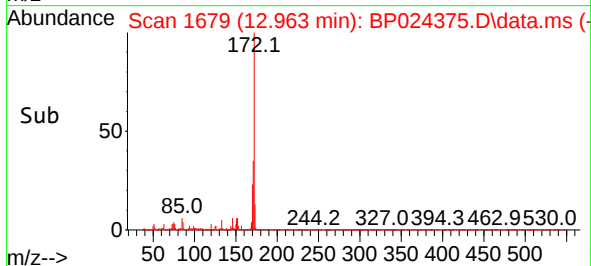
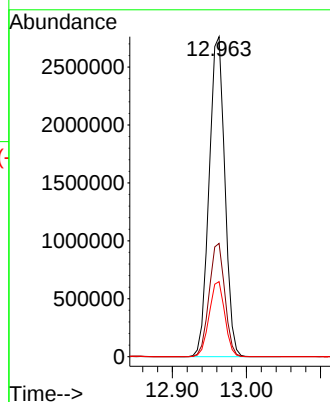
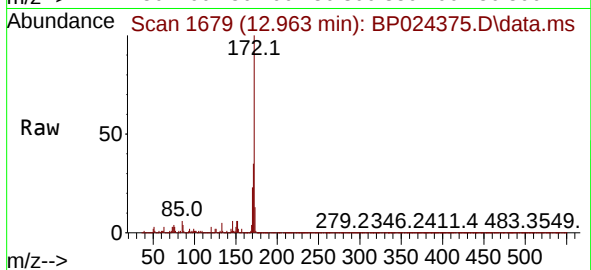
Tgt Ion:172 Resp: 4076997

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 45.816 ng

RT: 13.175 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

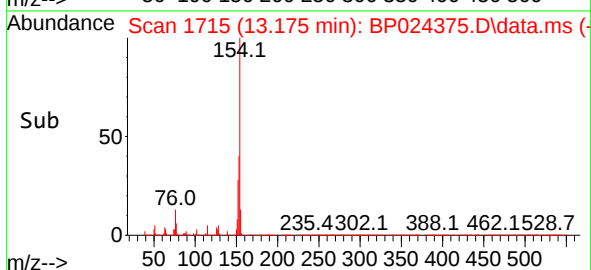
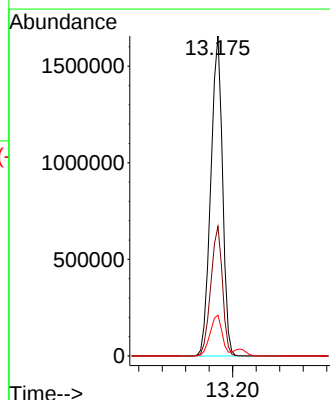
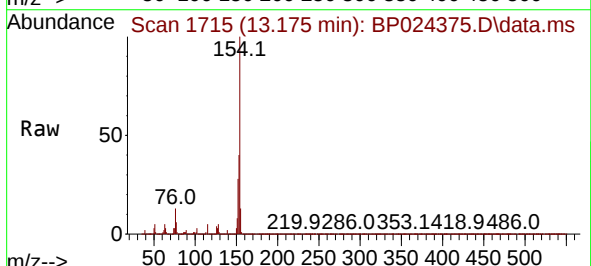
Tgt Ion:154 Resp: 2291148

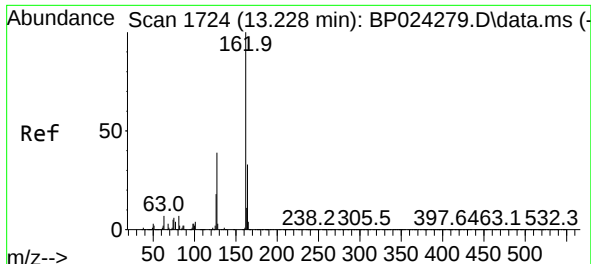
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.7 0.0 33.5

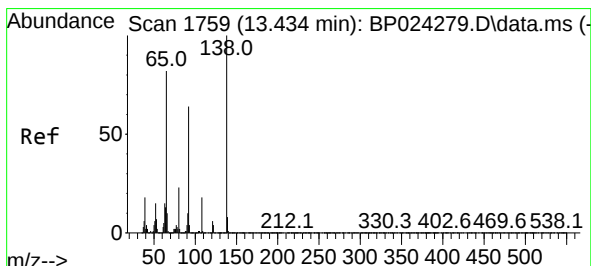
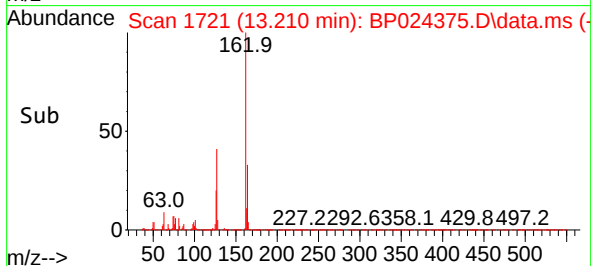
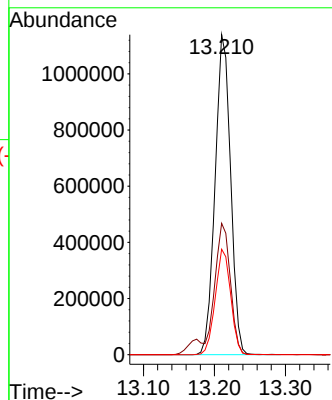
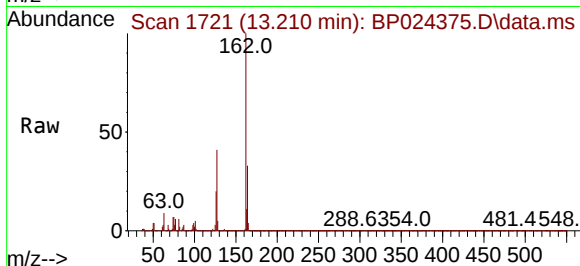




#47
2-Chloronaphthalene
Concen: 46.146 ng
RT: 13.210 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

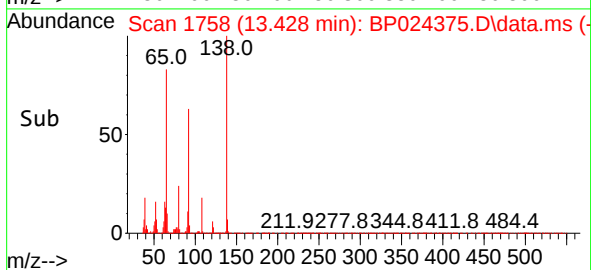
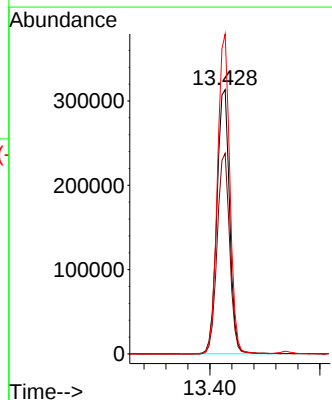
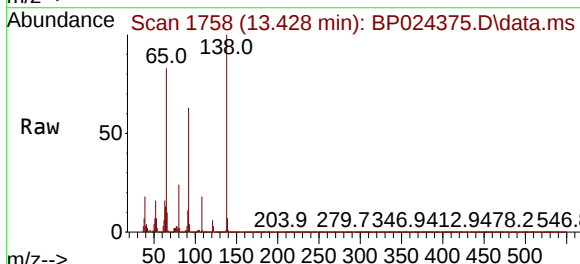
Instrument :
BNA_P
ClientSampleId :
PB167670BS

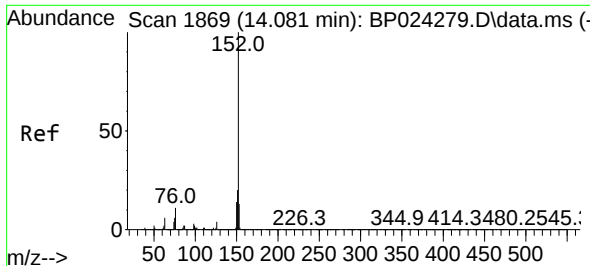
Tgt Ion:162 Resp: 1724702
Ion Ratio Lower Upper
162 100
127 41.0 31.9 47.9
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 48.152 ng
RT: 13.428 min Scan# 1758
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 65 Resp: 504817
Ion Ratio Lower Upper
65 100
92 75.9 62.3 93.5
138 121.0 97.2 145.8

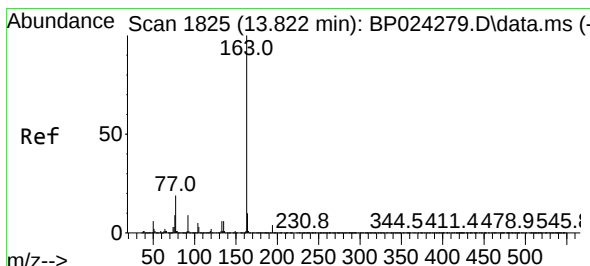
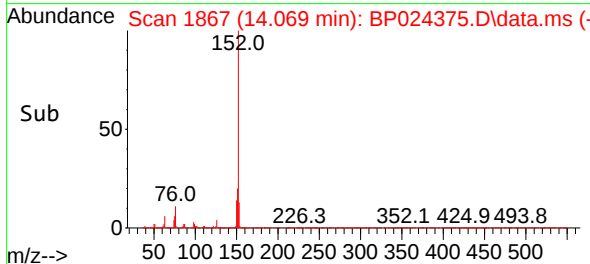
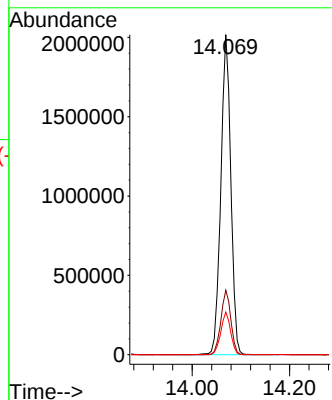
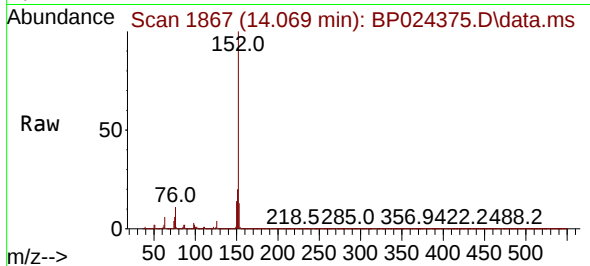




#49
Acenaphthylene
Concen: 48.624 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

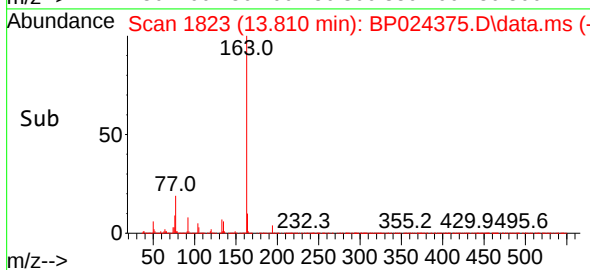
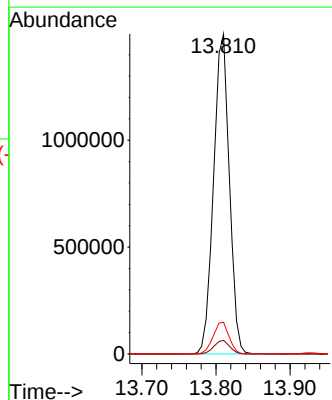
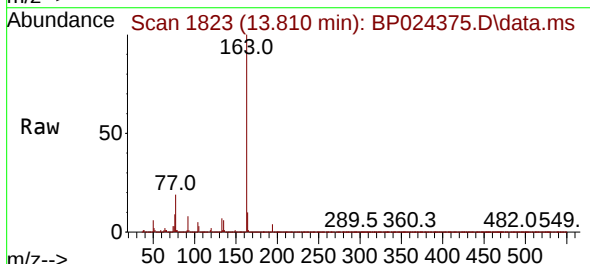
Instrument :
BNA_P
ClientSampleId :
PB167670BS

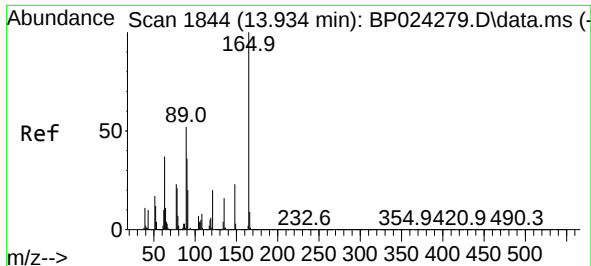
Tgt Ion:152 Resp: 2861256
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 44.647 ng
RT: 13.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:163 Resp: 2208879
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.0 12.0

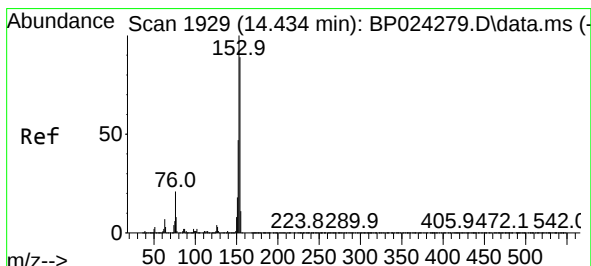
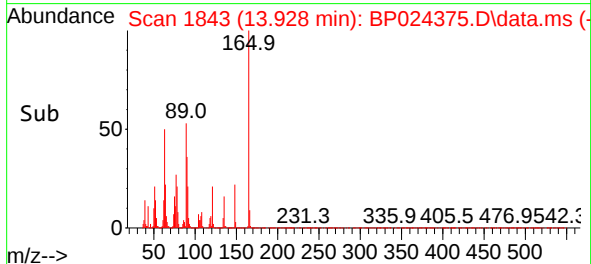
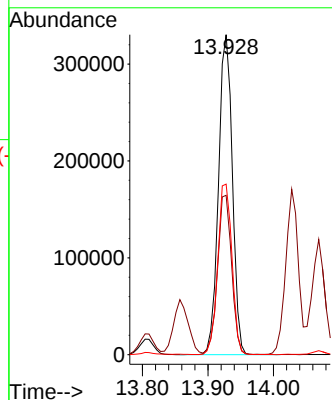
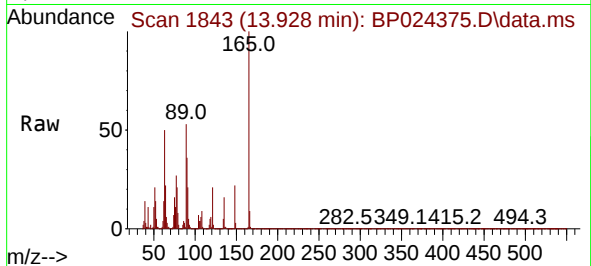




#51
2,6-Dinitrotoluene
Concen: 45.820 ng
RT: 13.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

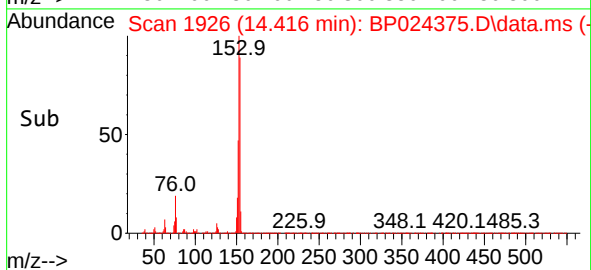
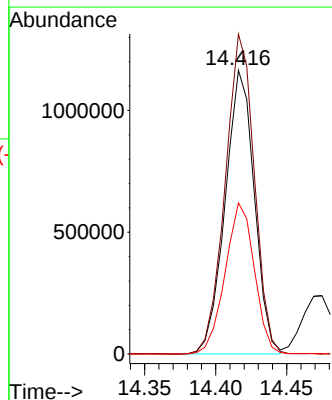
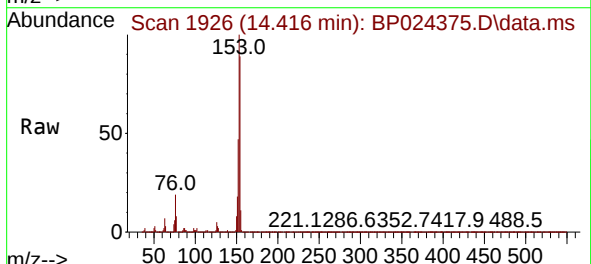
Instrument :
BNA_P
ClientSampleId :
PB167670BS

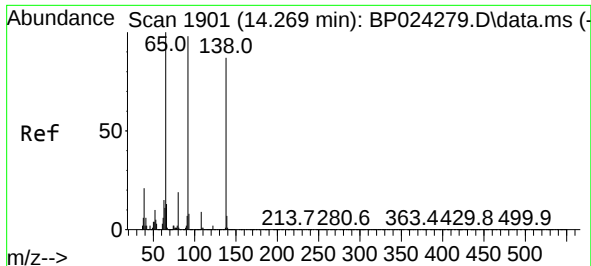
Tgt Ion:165 Resp: 481380
Ion Ratio Lower Upper
165 100
63 49.8 38.0 57.0
89 53.3 41.7 62.5



#52
Acenaphthene
Concen: 44.579 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:154 Resp: 1663033
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 53.2 42.6 63.8

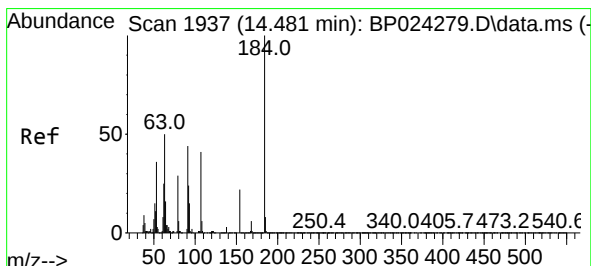
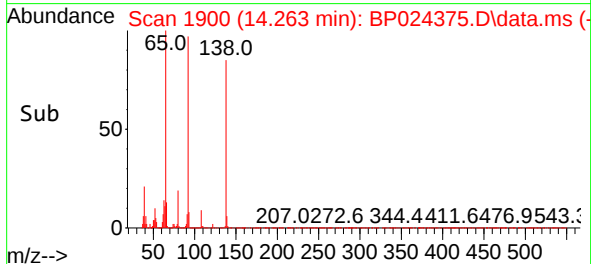
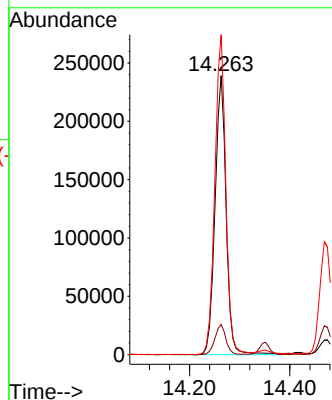
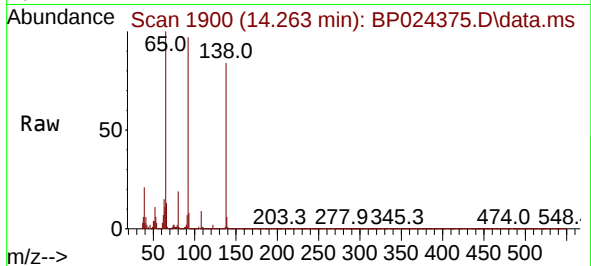




#53
3-Nitroaniline
Concen: 33.007 ng
RT: 14.263 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

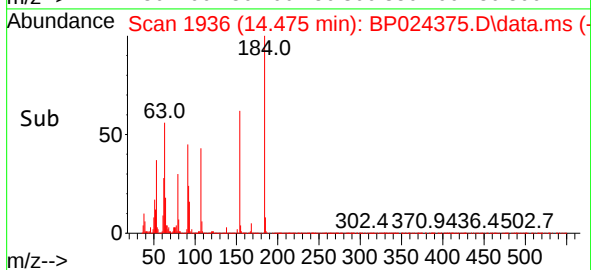
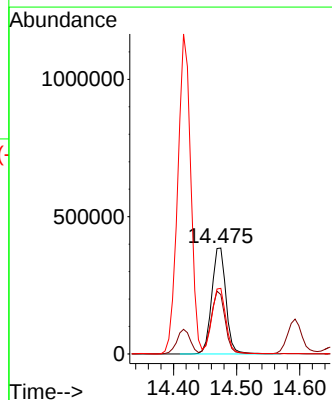
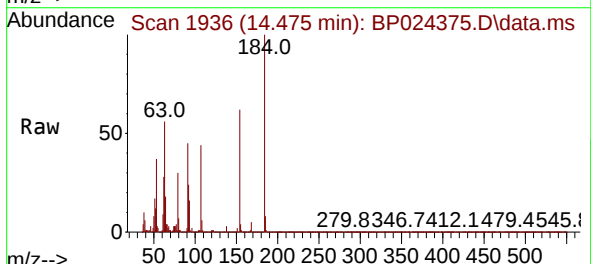
Instrument :
BNA_P
ClientSampleId :
PB167670BS

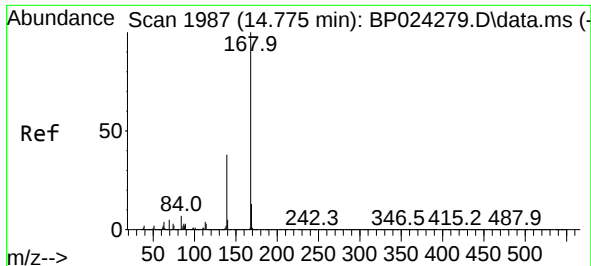
Tgt Ion:138 Resp: 364456
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 114.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 97.593 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:184 Resp: 603945
Ion Ratio Lower Upper
184 100
63 56.1 42.6 64.0
154 62.0 47.2 70.8

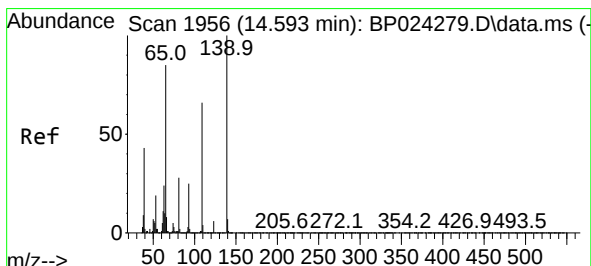
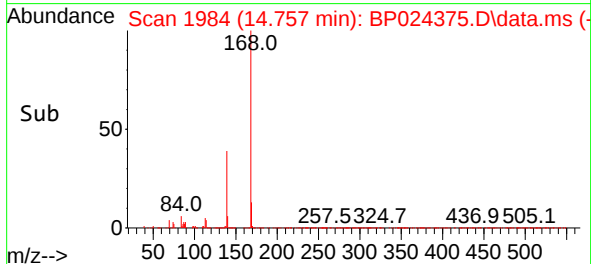
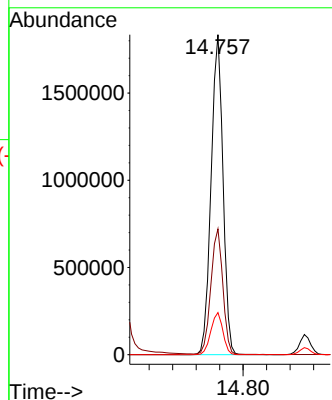
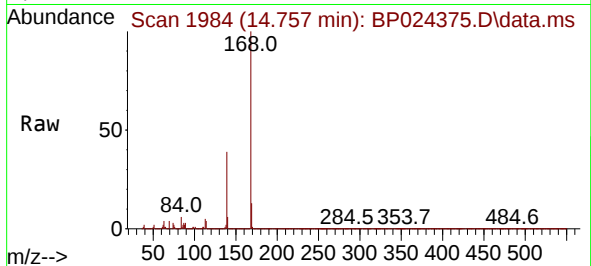




#55
Dibenzofuran
Concen: 42.154 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

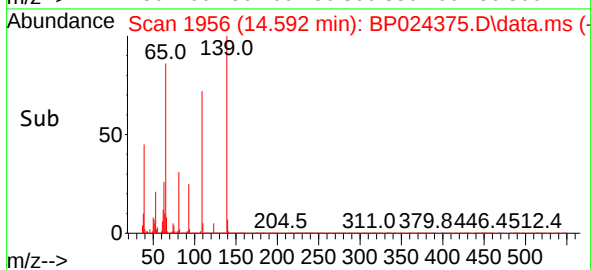
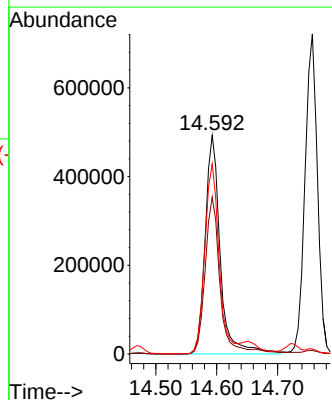
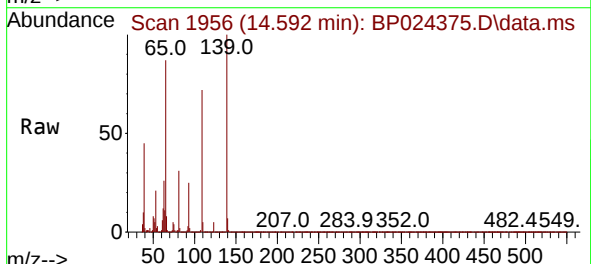
Instrument :
BNA_P
ClientSampleId :
PB167670BS

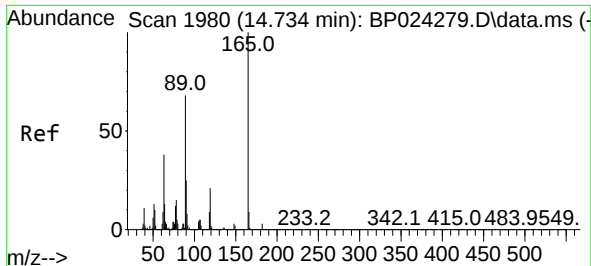
Tgt Ion:168 Resp: 2570466
Ion Ratio Lower Upper
168 100
139 39.3 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 88.805 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:139 Resp: 846864
Ion Ratio Lower Upper
139 100
109 71.8 46.1 86.1
65 87.0 65.0 105.0

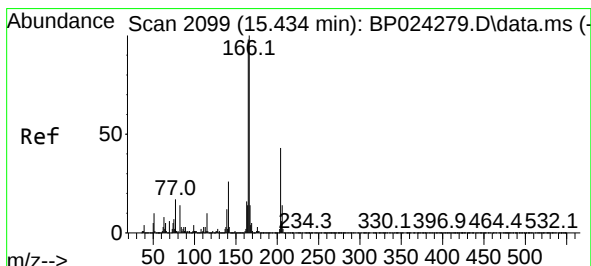
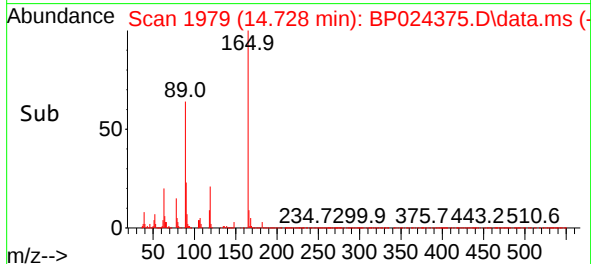
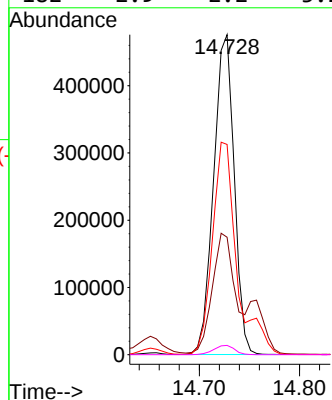
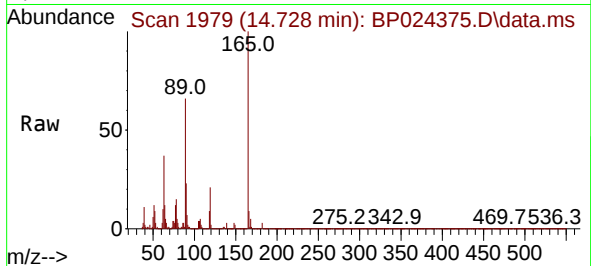




#57
2,4-Dinitrotoluene
Concen: 47.340 ng
RT: 14.728 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

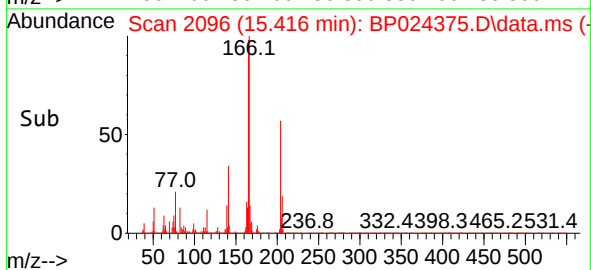
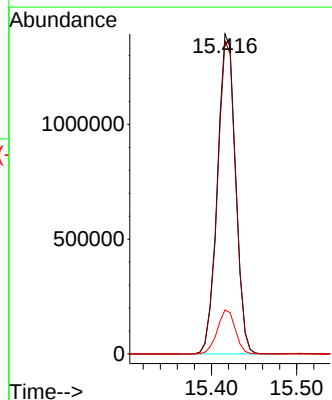
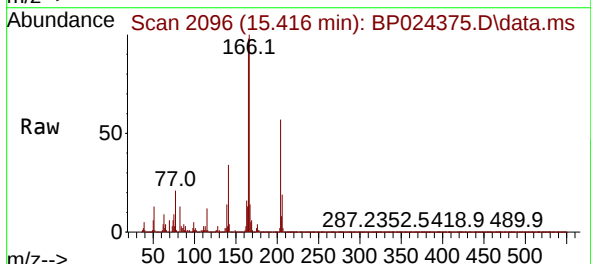
Instrument :
BNA_P
ClientSampleId :
PB167670BS

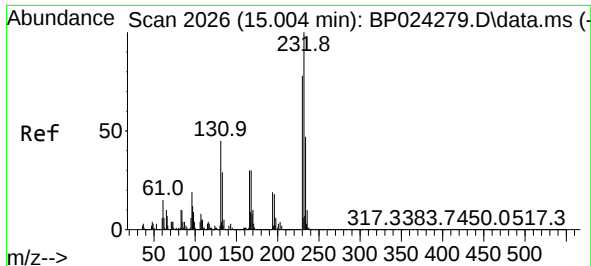
Tgt Ion:165 Resp: 678434
Ion Ratio Lower Upper
165 100
63 36.7 30.4 45.6
89 65.7 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.736 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:166 Resp: 2064544
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.7 10.9 16.3

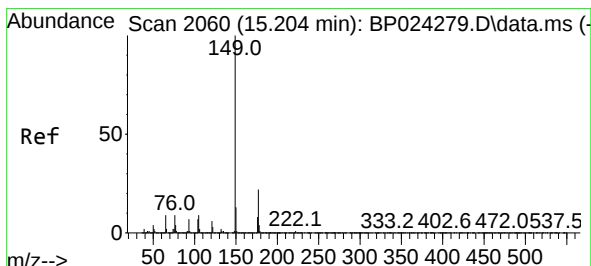
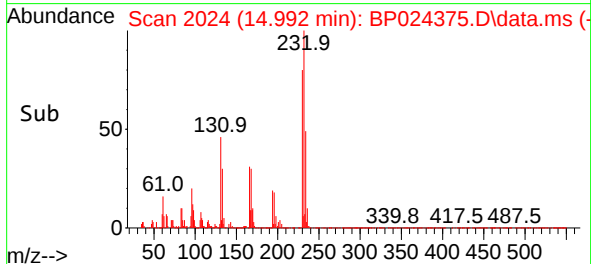
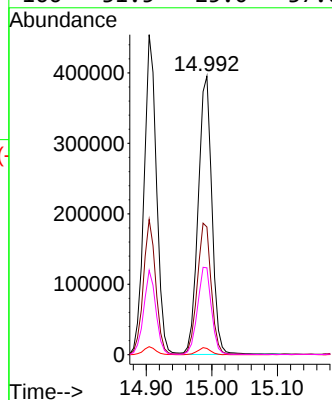
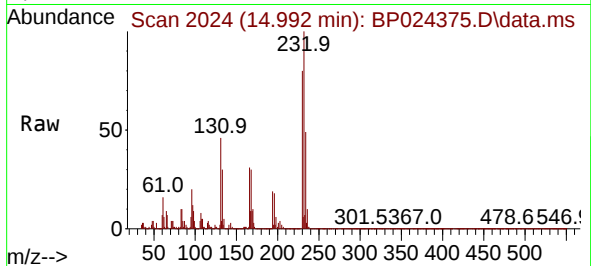




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.206 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

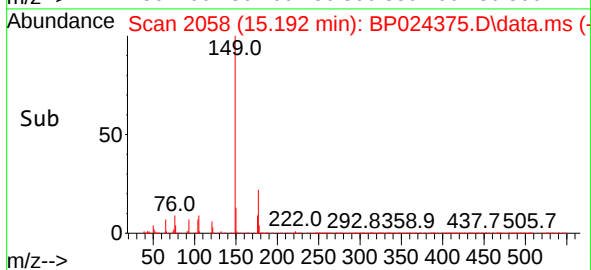
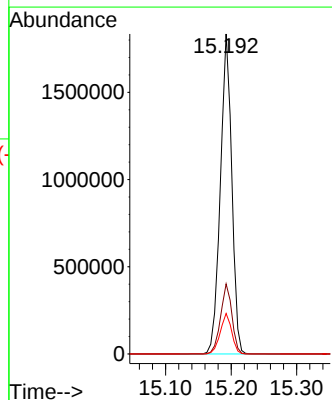
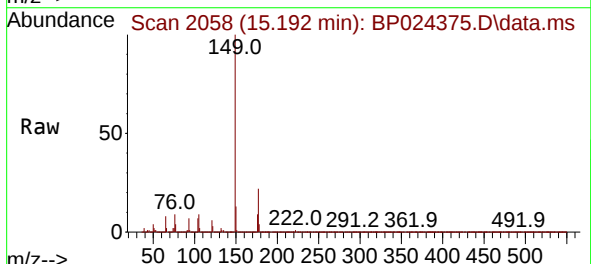
Instrument :
BNA_P
ClientSampleId :
PB167670BS

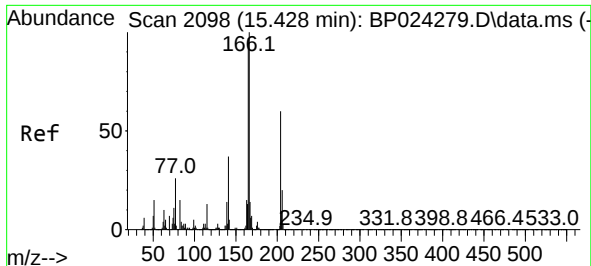
Tgt Ion:232 Resp: 574307
Ion Ratio Lower Upper
232 100
131 47.8 36.8 55.2
130 2.3 1.9 2.9
166 31.5 25.0 37.6



#60
Diethylphthalate
Concen: 43.145 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:149 Resp: 2199715
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.6 10.1 15.1

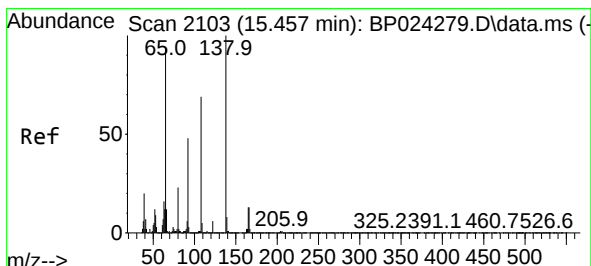
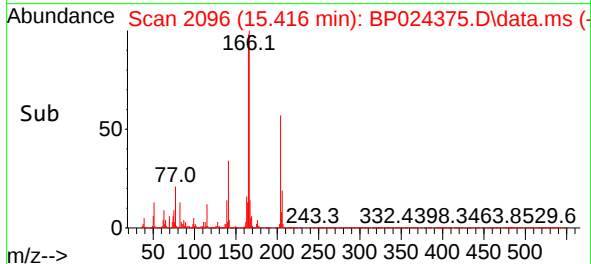
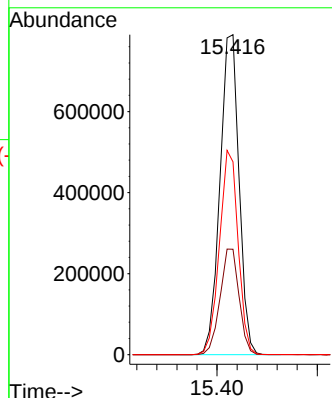
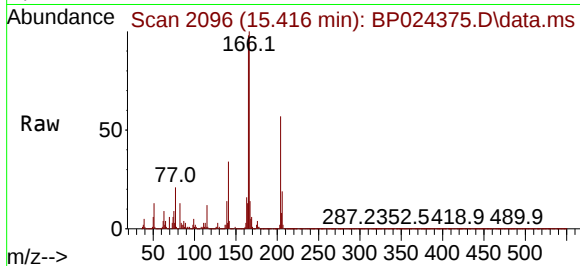




#61
4-Chlorophenyl-phenylether
Concen: 45.383 ng
RT: 15.416 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

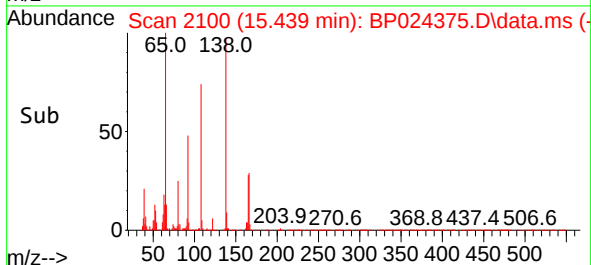
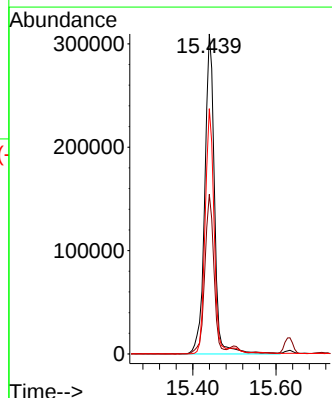
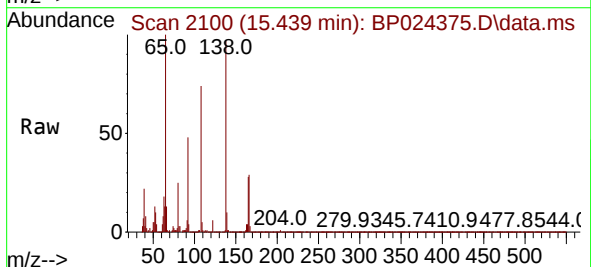
Instrument :
BNA_P
ClientSampleId :
PB167670BS

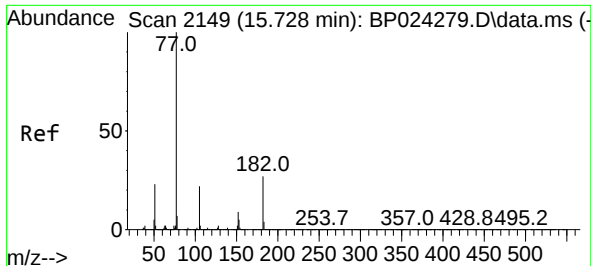
Tgt Ion:204 Resp: 1040302
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 60.3 49.4 74.0



#62
4-Nitroaniline
Concen: 43.122 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:138 Resp: 504055
Ion Ratio Lower Upper
138 100
92 49.9 27.8 67.8
108 76.6 48.9 88.9



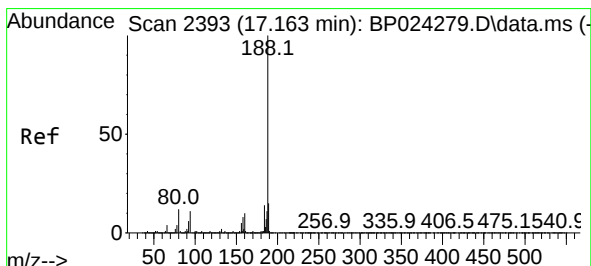
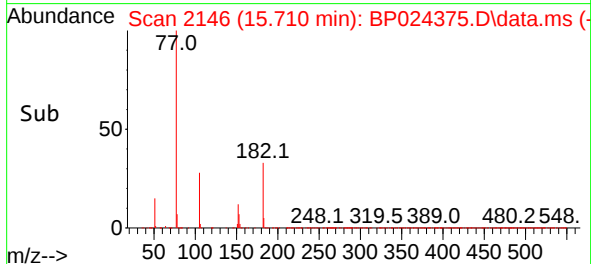
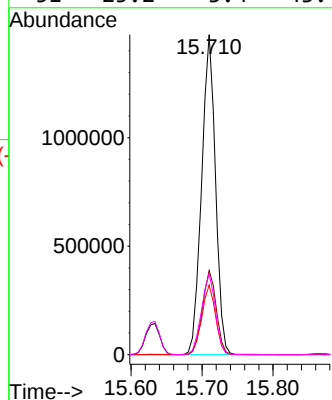
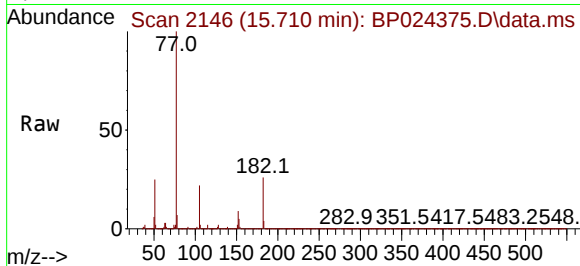


#63
Azobenzene
Concen: 42.747 ng
RT: 15.710 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Instrument :
BNA_P
ClientSampleId :
PB167670BS

Tgt Ion: 77 Resp: 2003149

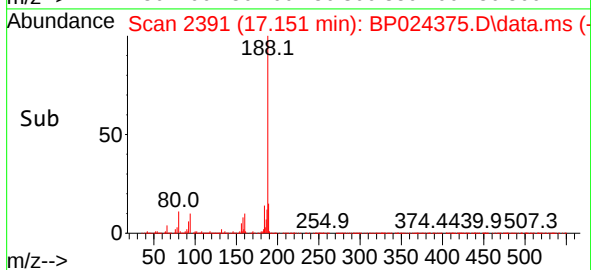
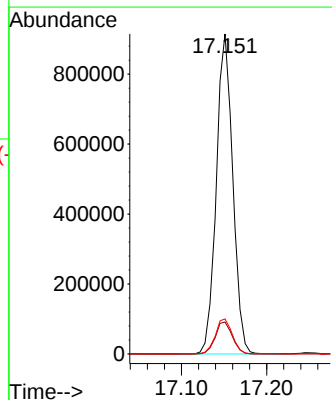
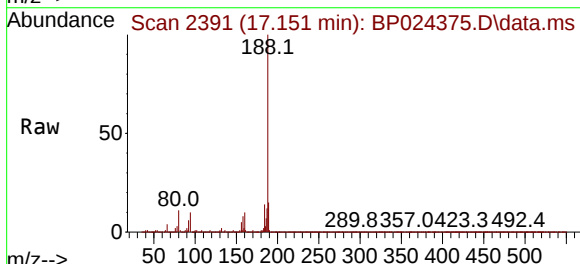
Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	21.7	2.3	42.3
51	25.2	3.4	43.4

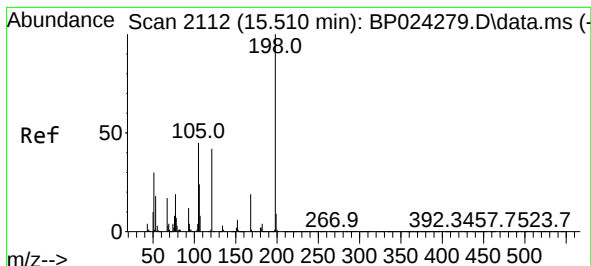


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion: 188 Resp: 1227109

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	13.0
80	11.0	9.8	14.6

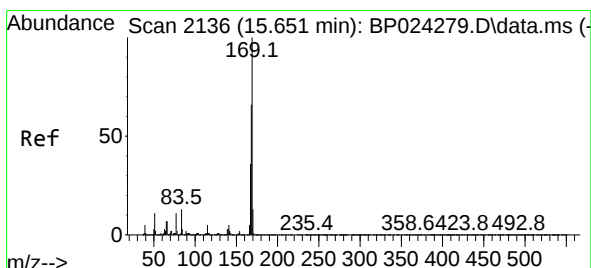
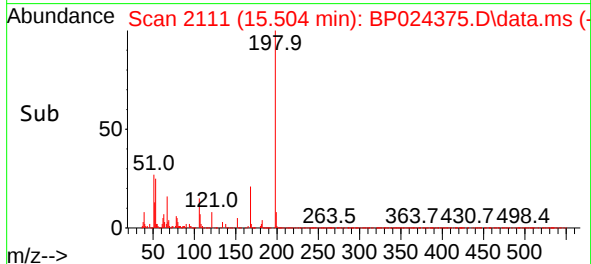
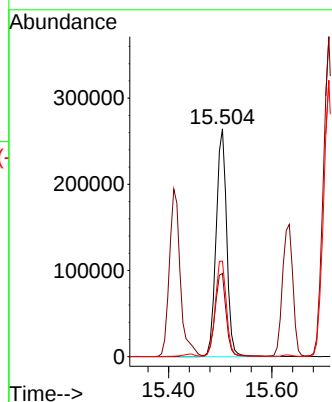
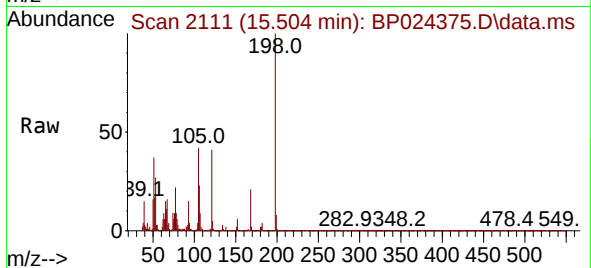




#65
4,6-Dinitro-2-methylphenol
Concen: 48.466 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

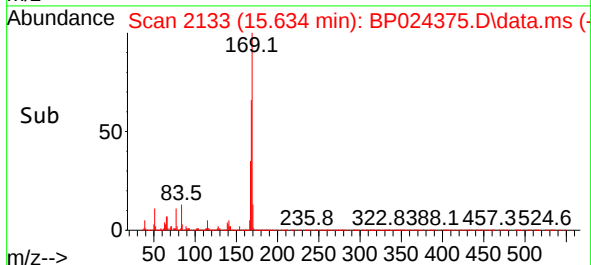
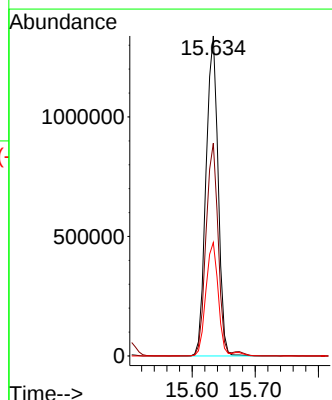
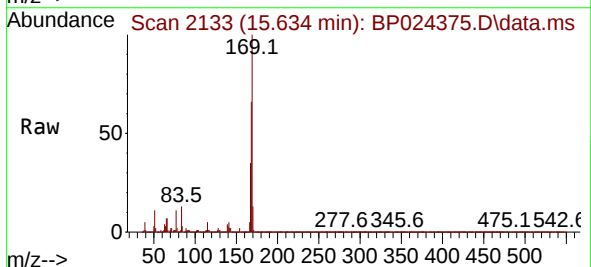
Instrument :
BNA_P
ClientSampleId :
PB167670BS

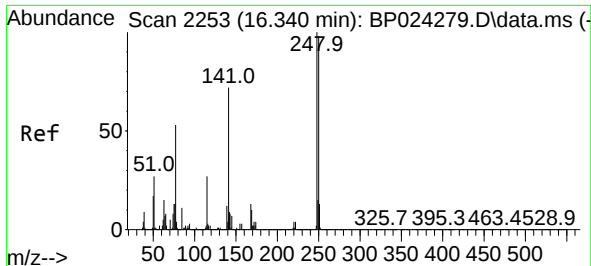
Tgt Ion:198 Resp: 374953
Ion Ratio Lower Upper
198 100
51 36.5 18.4 58.4
105 41.9 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 48.699 ng
RT: 15.634 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:169 Resp: 1783675
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 35.5 28.9 43.3

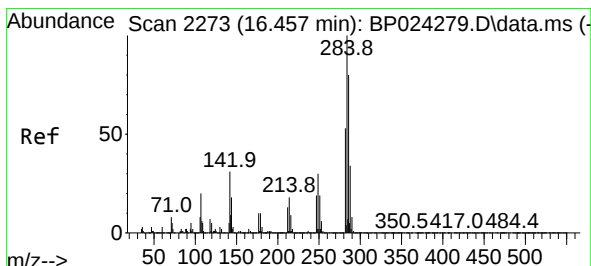
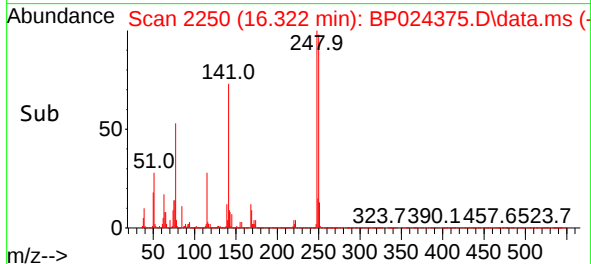
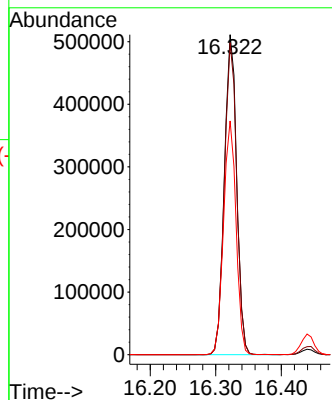
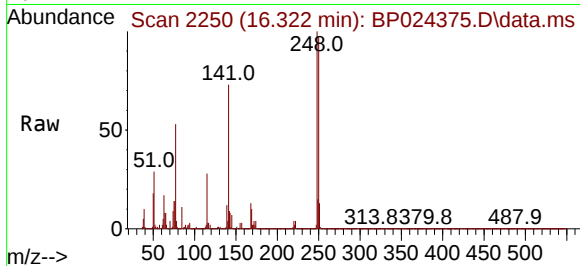




#67
4-Bromophenyl-phenylether
Concen: 49.430 ng
RT: 16.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

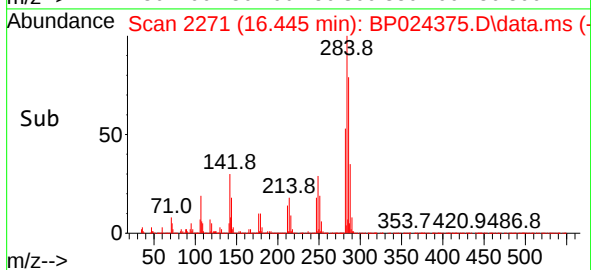
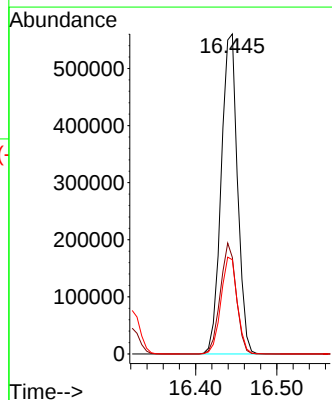
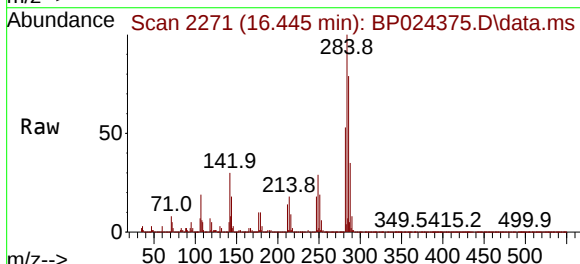
Instrument :
BNA_P
ClientSampleId :
PB167670BS

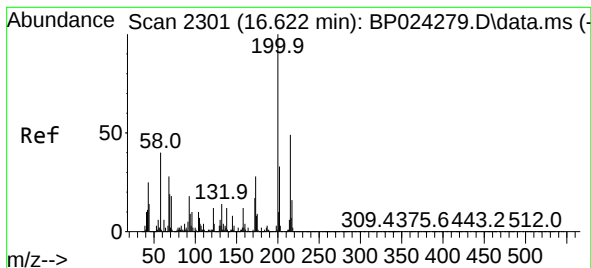
Tgt Ion:248 Resp: 663388
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 73.0 57.7 86.5



#68
Hexachlorobenzene
Concen: 49.245 ng
RT: 16.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BP024375.D
Acq: 22 Apr 2025 12:35

Tgt Ion:284 Resp: 785330
Ion Ratio Lower Upper
284 100
142 30.2 24.6 37.0
249 29.4 23.8 35.6





#69

Atrazine

Concen: 65.257 ng

RT: 16.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

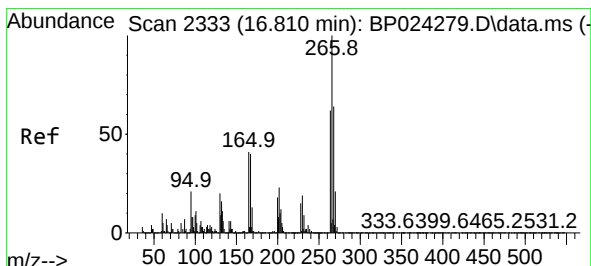
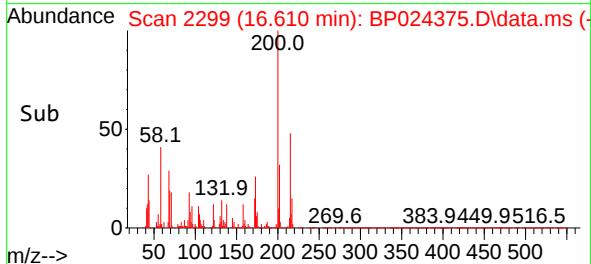
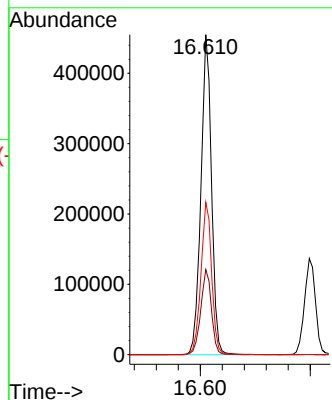
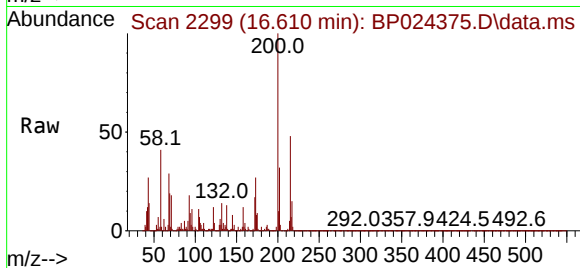
Tgt Ion:200 Resp: 608746

Ion Ratio Lower Upper

200 100

173 26.6 7.5 47.5

215 47.7 28.8 68.8



#70

Pentachlorophenol

Concen: 94.474 ng

RT: 16.798 min Scan# 2331

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

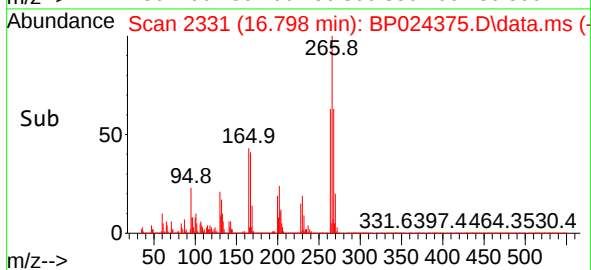
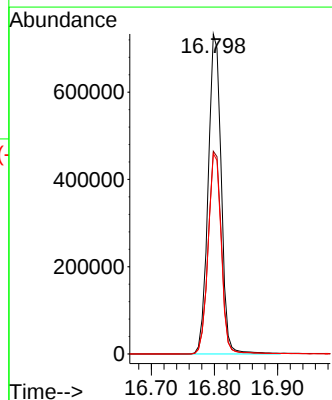
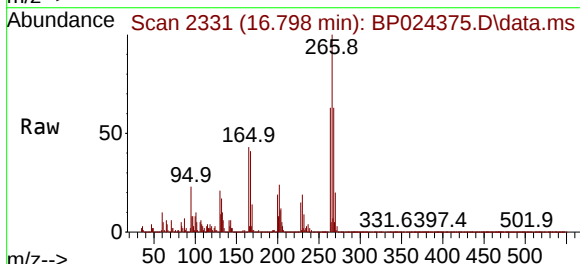
Tgt Ion:266 Resp: 1051056

Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

264 62.6 49.8 74.6





#71

Phenanthrene

Concen: 45.186 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

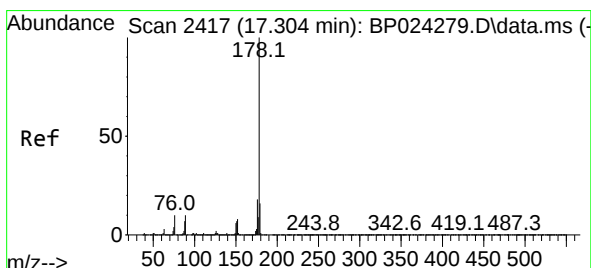
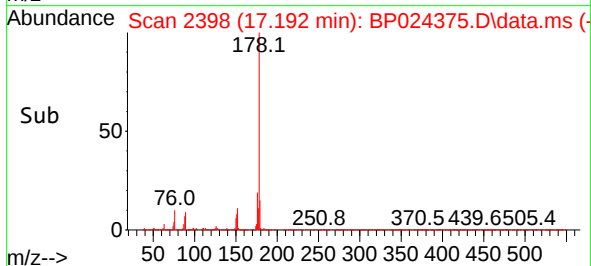
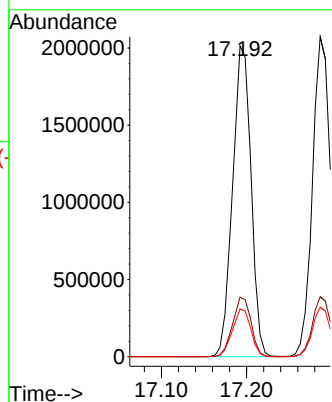
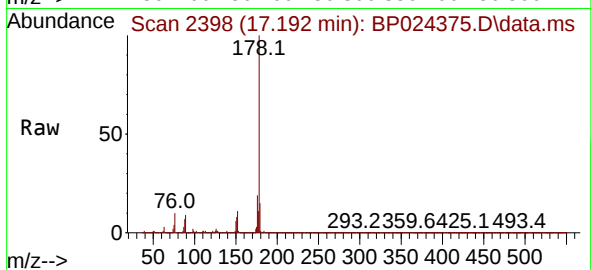
Tgt Ion:178 Resp: 3024856

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 47.470 ng

RT: 17.286 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

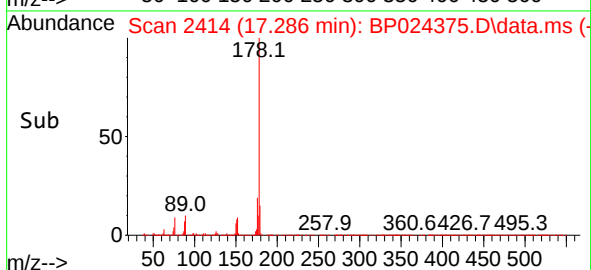
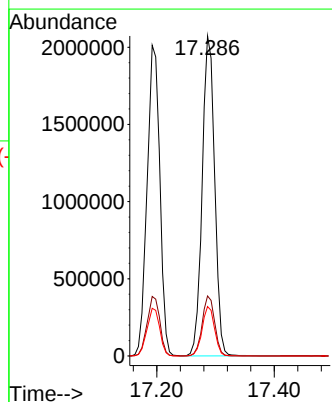
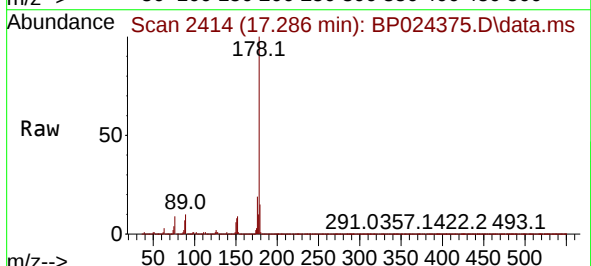
Tgt Ion:178 Resp: 3062710

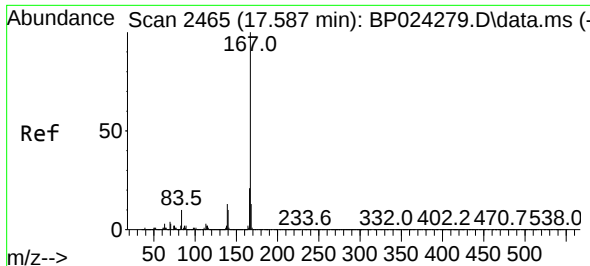
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.5 12.4 18.6

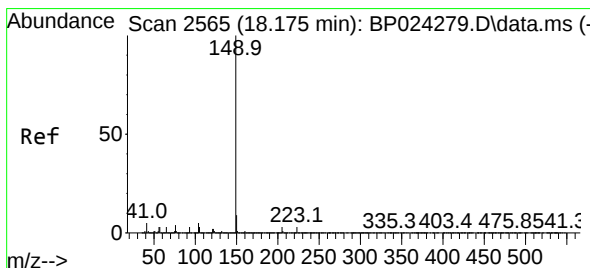
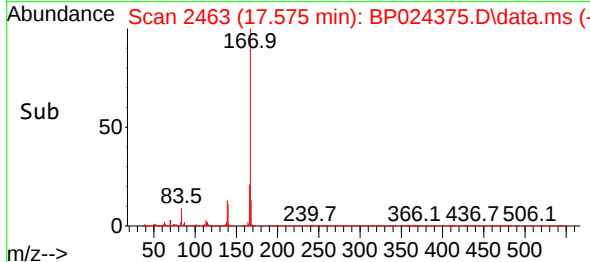
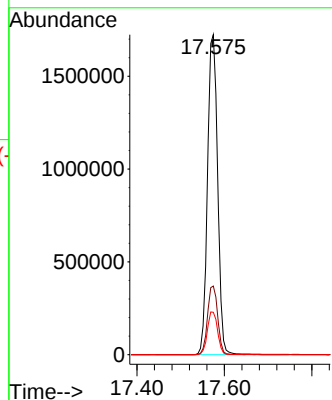
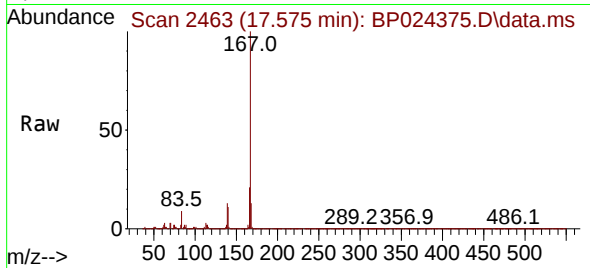




#73
 Carbazole
 Concen: 44.124 ng
 RT: 17.575 min Scan# 2465
 Delta R.T. 0.006 min
 Lab File: BP024375.D
 Acq: 22 Apr 2025 12:35

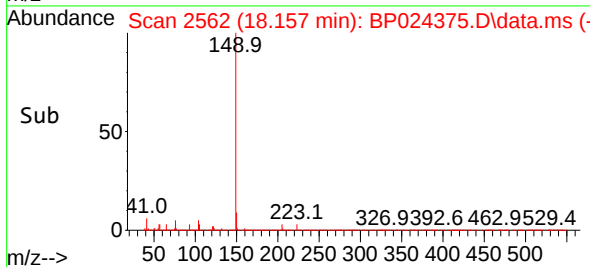
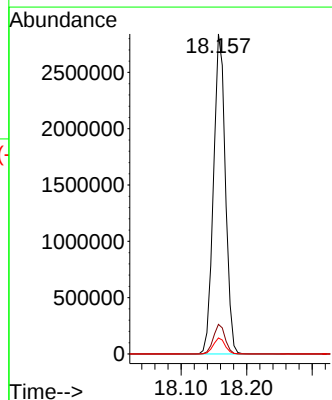
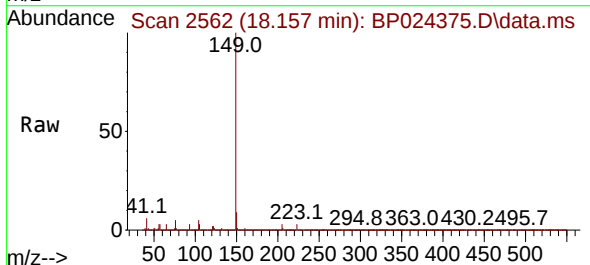
Instrument :
 BNA_P
 ClientSampleId :
 PB167670BS

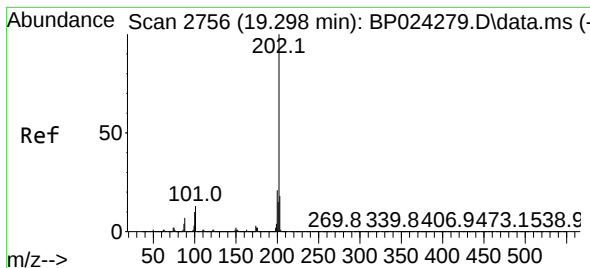
Tgt Ion:167 Resp: 2781556
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.499 ng
 RT: 18.157 min Scan# 2562
 Delta R.T. 0.000 min
 Lab File: BP024375.D
 Acq: 22 Apr 2025 12:35

Tgt Ion:149 Resp: 3573453
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 41.982 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

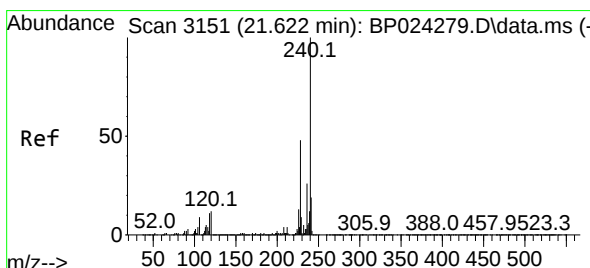
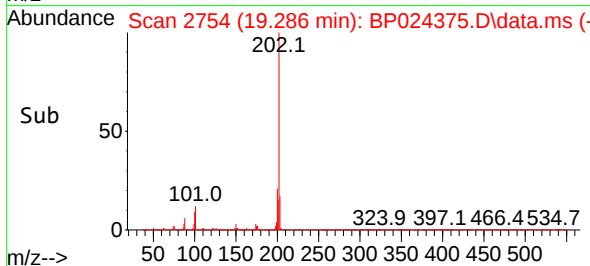
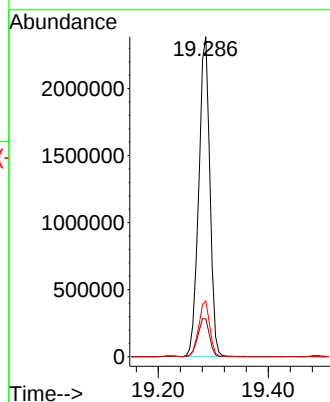
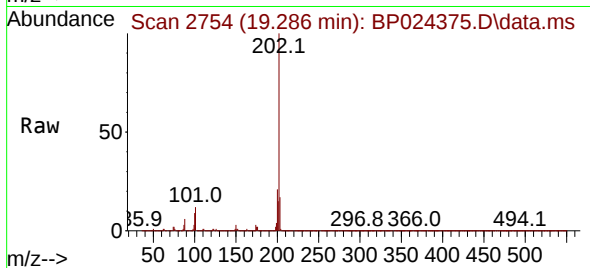
Tgt Ion:202 Resp: 3342481

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3149

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

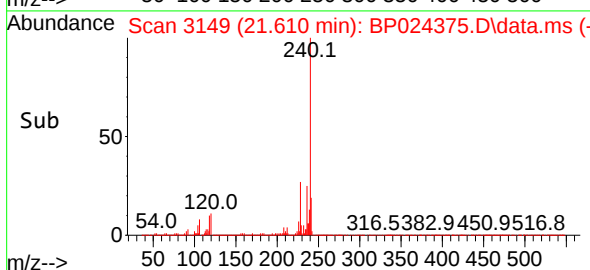
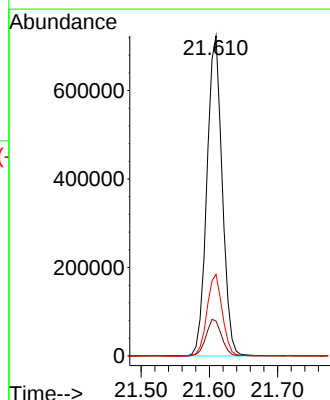
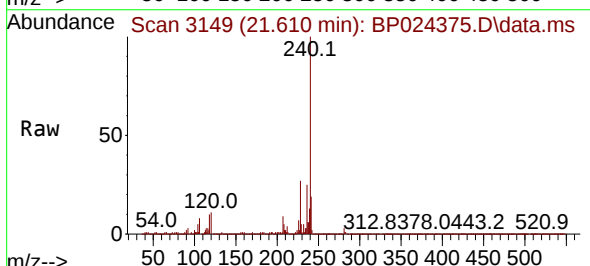
Tgt Ion:240 Resp: 1128640

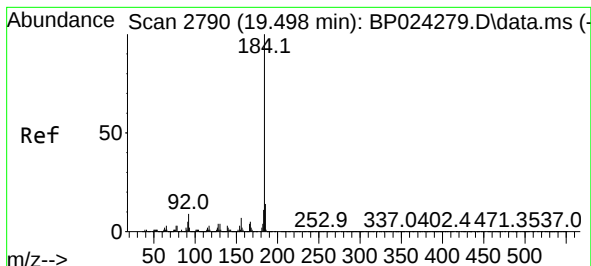
Ion Ratio Lower Upper

240 100

120 10.9 9.8 14.8

236 25.5 20.9 31.3





#77

Benzidine

Concen: 114.108 ng

RT: 19.486 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

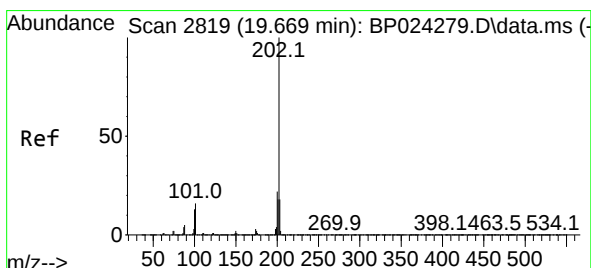
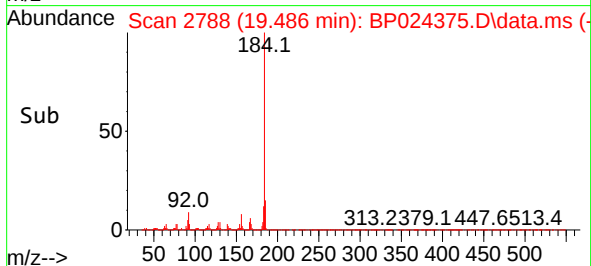
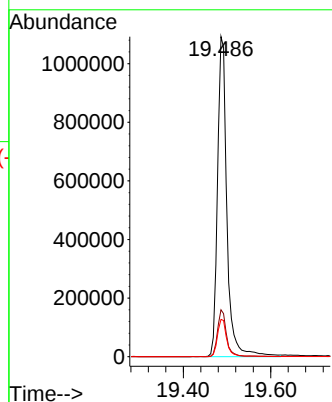
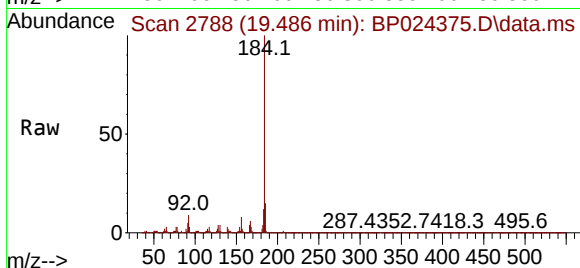
Tgt Ion:184 Resp: 1632479

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 11.7 9.2 13.8



#78

Pyrene

Concen: 47.275 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

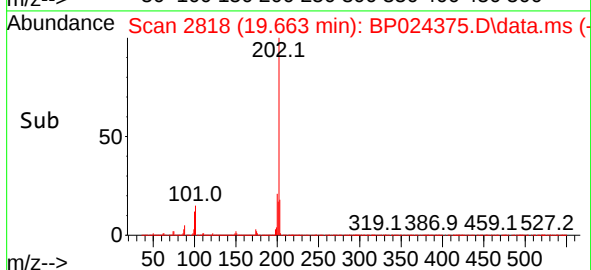
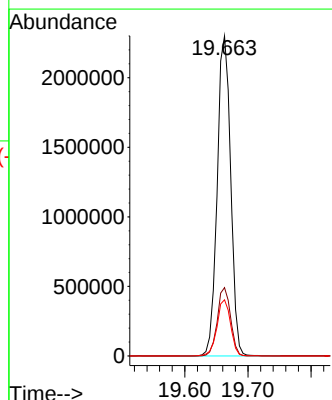
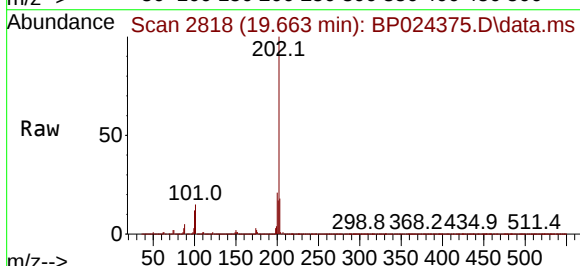
Tgt Ion:202 Resp: 3390853

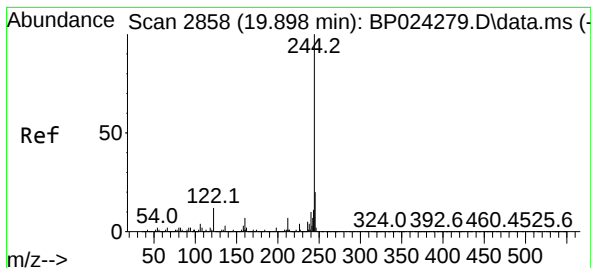
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 96.863 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

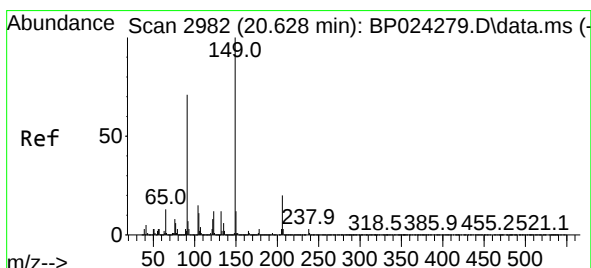
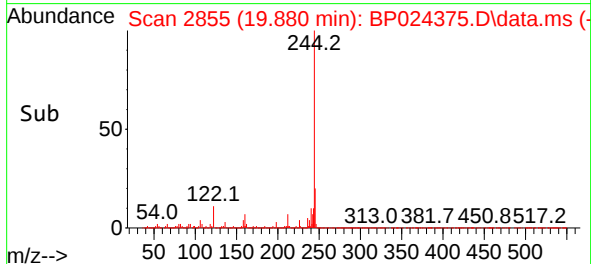
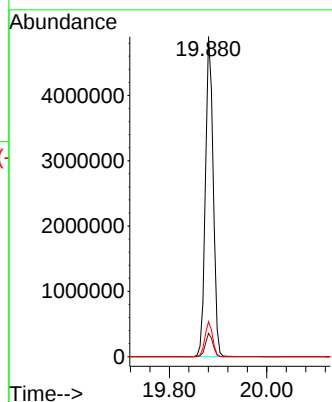
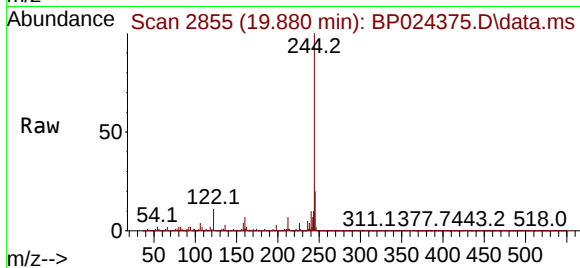
BNA_P

ClientSampleId :

PB167670BS

Tgt Ion:244 Resp: 5423767

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.0	9.4	14.0



#80

Butylbenzylphthalate

Concen: 51.184 ng

RT: 20.622 min Scan# 2981

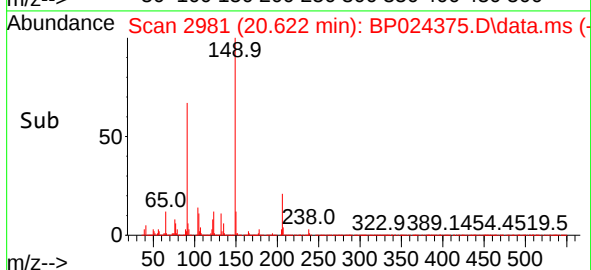
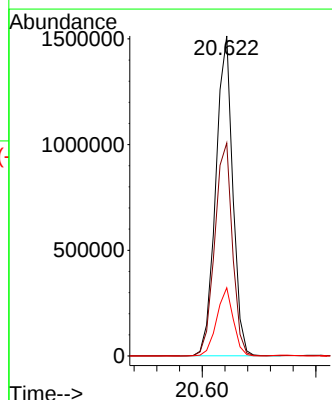
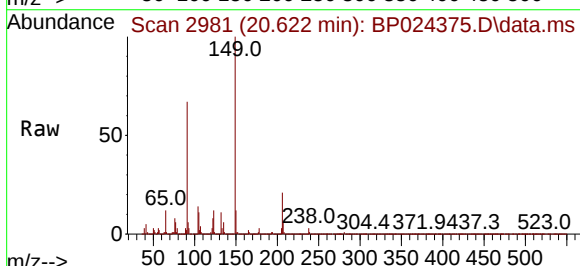
Delta R.T. 0.018 min

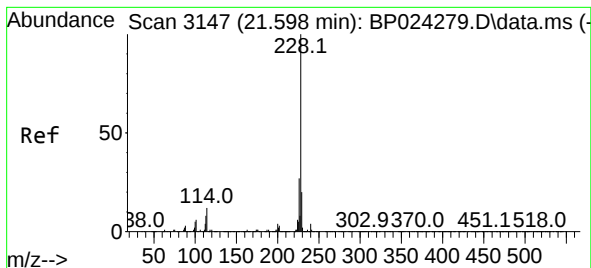
Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Tgt Ion:149 Resp: 1572467

Ion	Ratio	Lower	Upper
149	100		
91	66.6	56.4	84.6
206	21.3	16.3	24.5





#81

Benzo(a)anthracene

Concen: 47.186 ng

RT: 21.586 min Scan# 3145

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

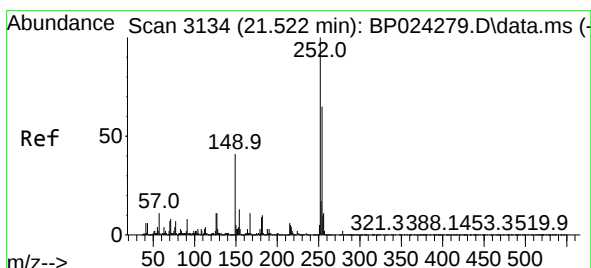
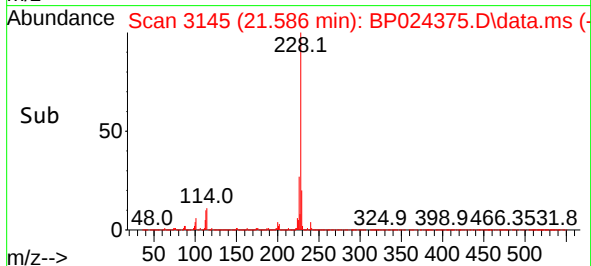
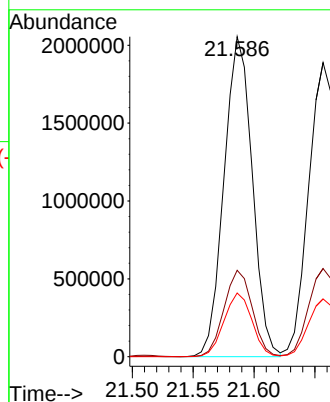
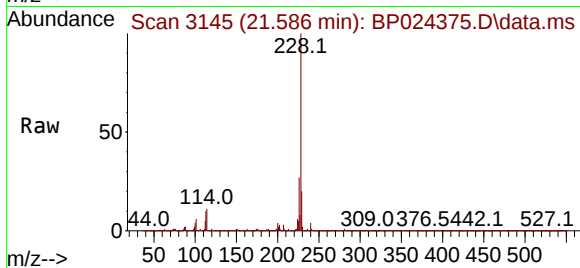
Tgt Ion:228 Resp: 3310152

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.641 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

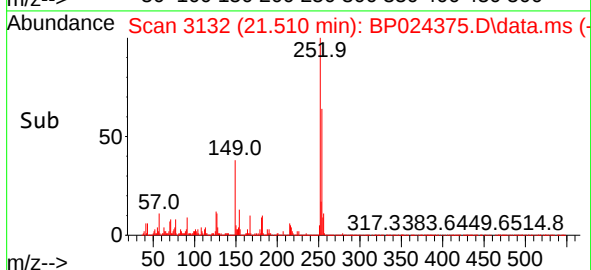
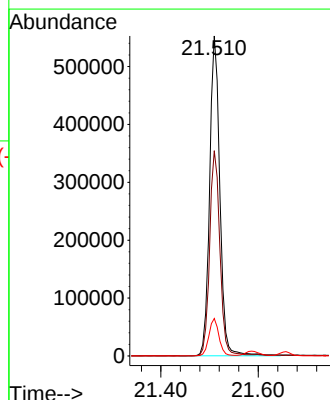
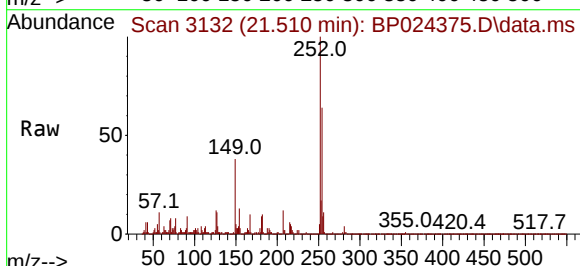
Tgt Ion:252 Resp: 803698

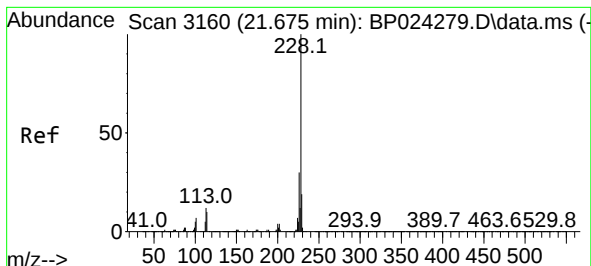
Ion Ratio Lower Upper

252 100

254 64.1 51.7 77.5

126 11.7 8.8 13.2





#83

Chrysene

Concen: 45.395 ng

RT: 21.657 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

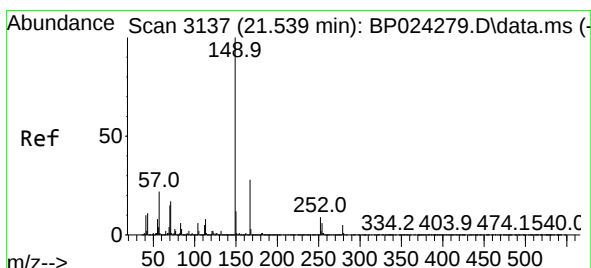
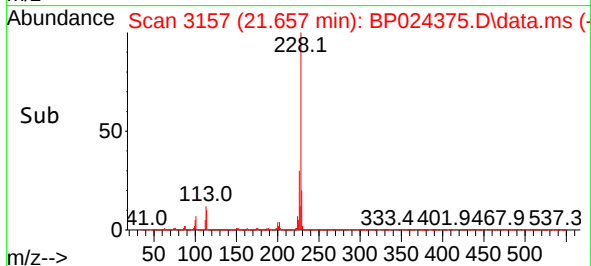
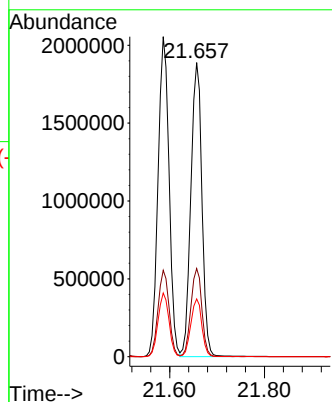
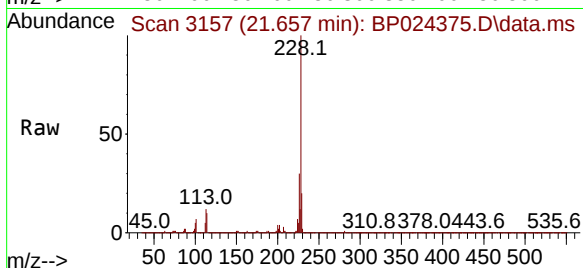
Tgt Ion:228 Resp: 3050917

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.889 ng

RT: 21.527 min Scan# 3135

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

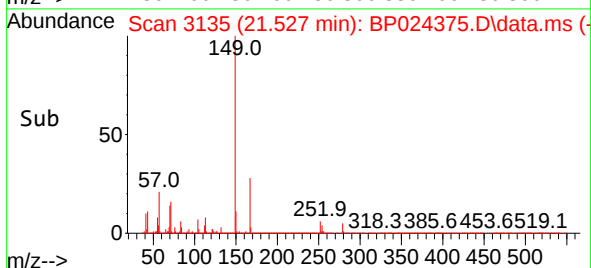
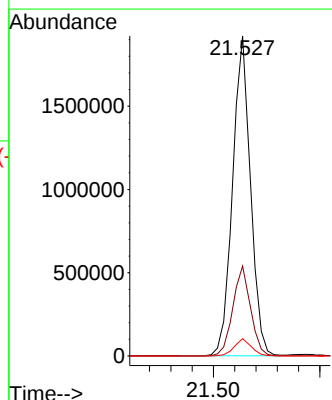
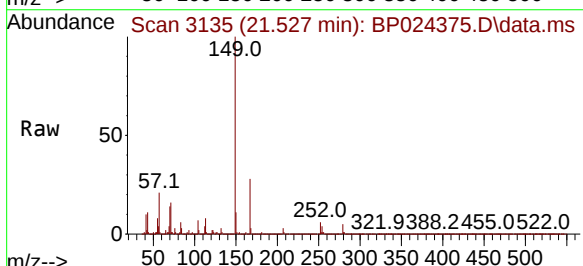
Tgt Ion:149 Resp: 2246887

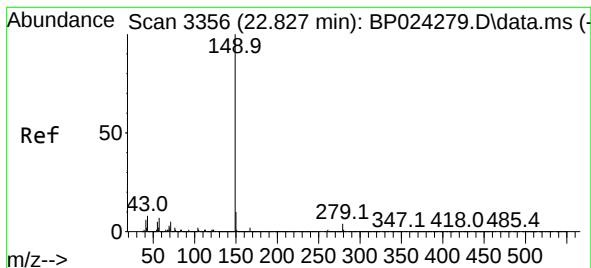
Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

279 5.4 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.248 ng

RT: 22.804 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

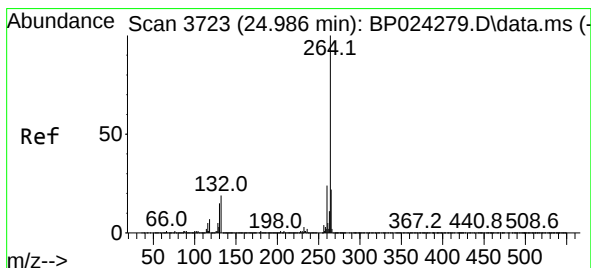
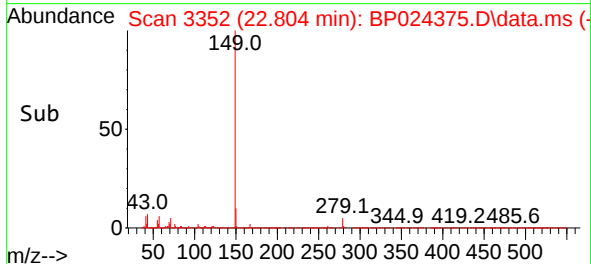
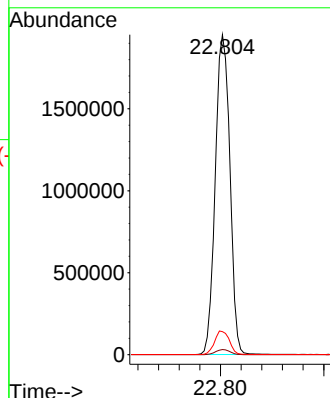
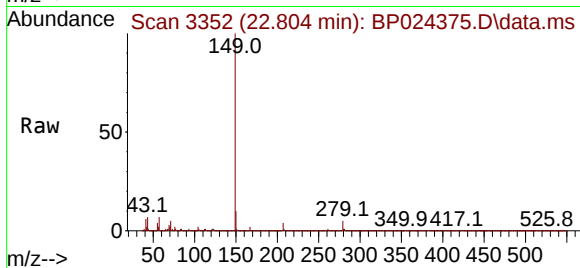
Tgt Ion:149 Resp: 3825521

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.951 min Scan# 3717

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

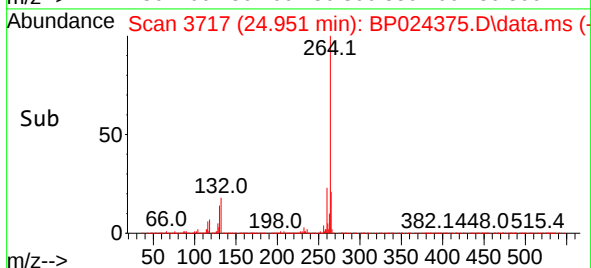
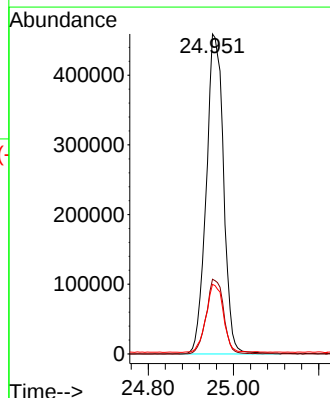
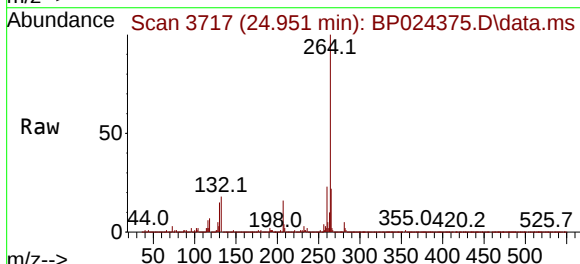
Tgt Ion:264 Resp: 1292460

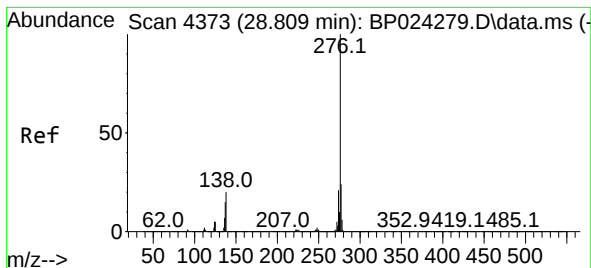
Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.120 ng

RT: 28.762 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

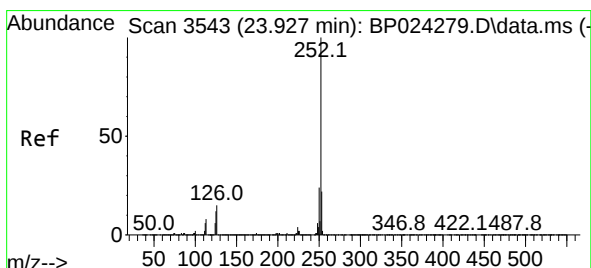
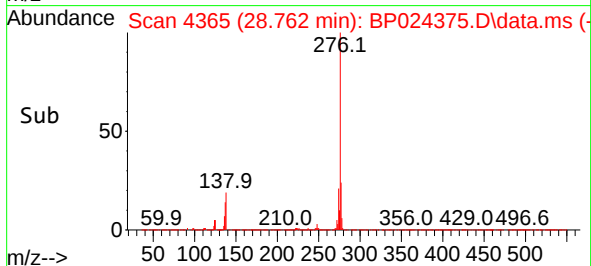
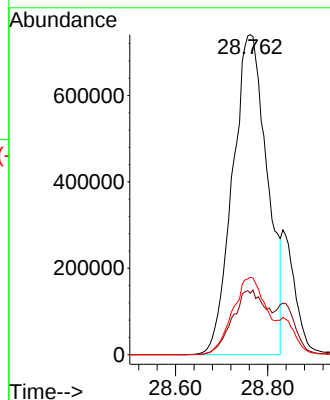
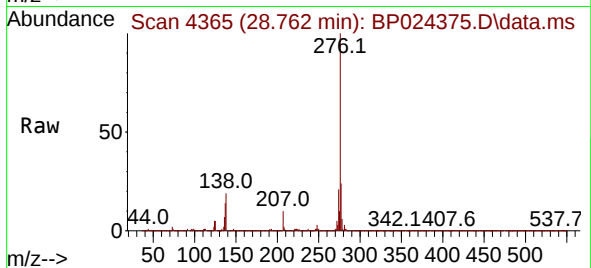
Tgt Ion:276 Resp: 3869058

Ion Ratio Lower Upper

276 100

138 19.7 14.5 21.7

277 23.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.569 ng

RT: 23.898 min Scan# 3538

Delta R.T. 0.012 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

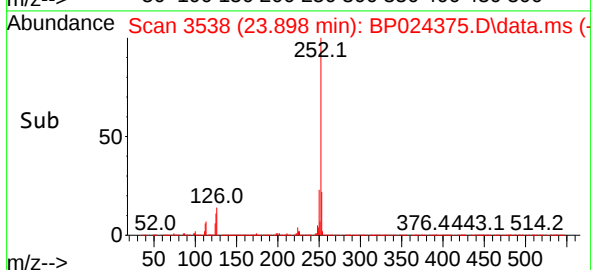
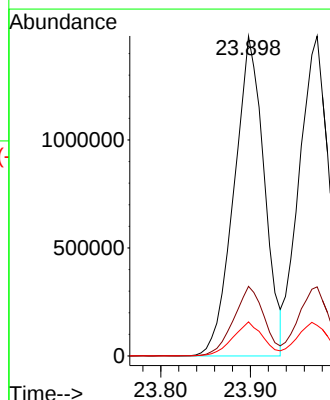
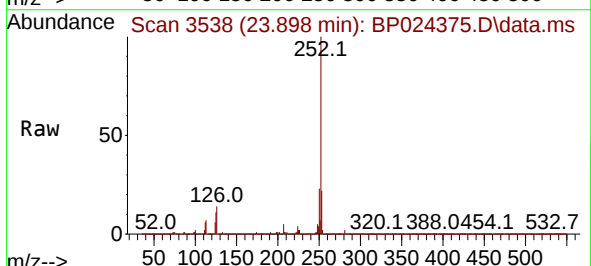
Tgt Ion:252 Resp: 3452839

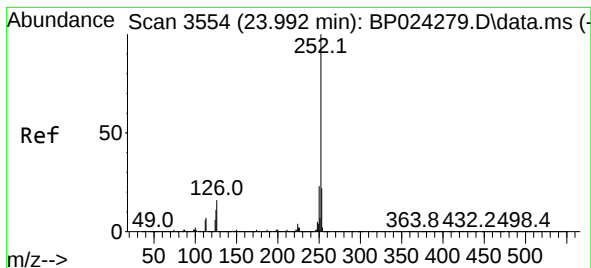
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.7 9.4 14.0





#89

Benzo(k)fluoranthene

Concen: 45.770 ng

RT: 23.974 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

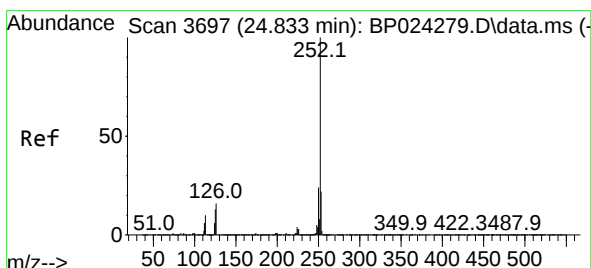
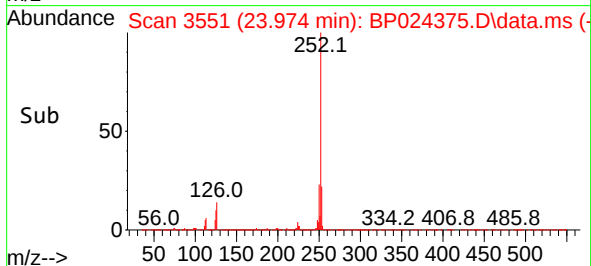
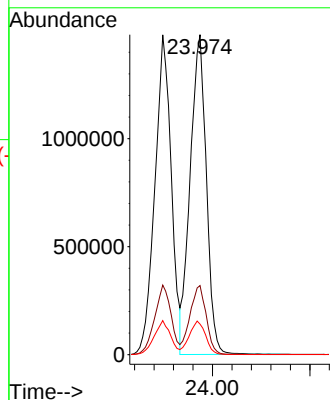
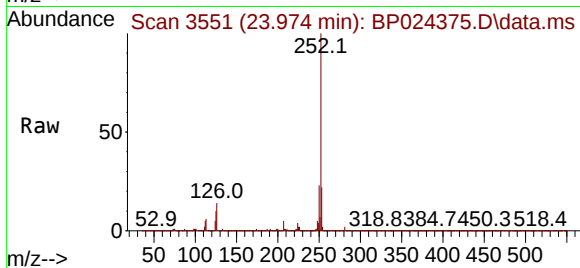
Tgt Ion:252 Resp: 3425130

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.5 9.1 13.7



#90

Benzo(a)pyrene

Concen: 50.085 ng

RT: 24.798 min Scan# 3691

Delta R.T. 0.018 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

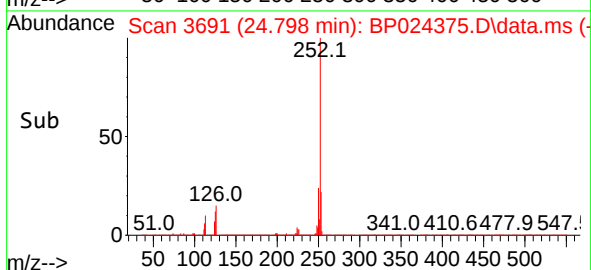
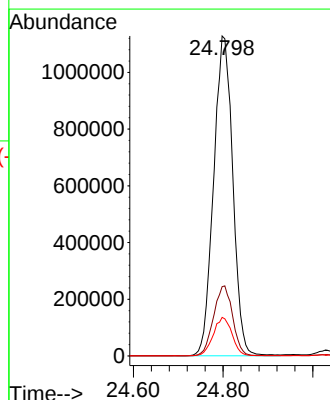
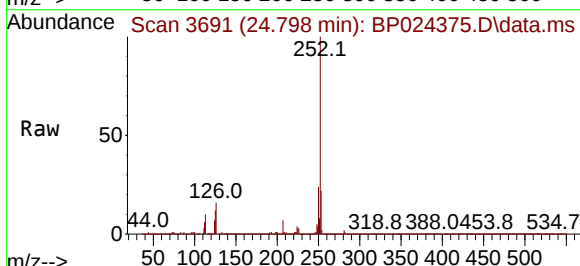
Tgt Ion:252 Resp: 3347015

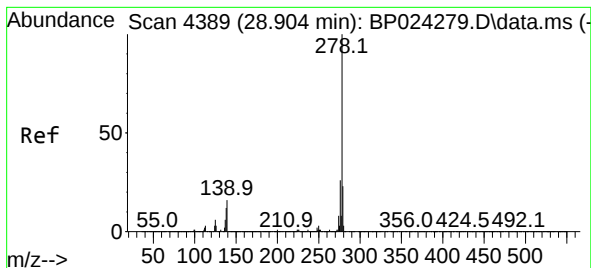
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 12.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 49.597 ng

RT: 28.839 min Scan# 41

Delta R.T. 0.035 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Instrument :

BNA_P

ClientSampleId :

PB167670BS

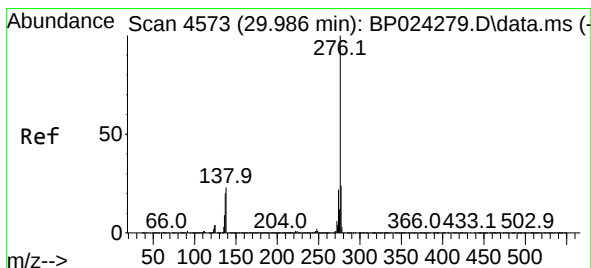
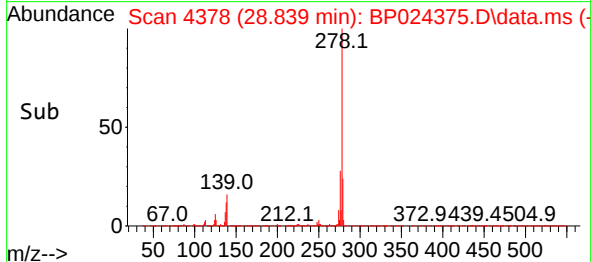
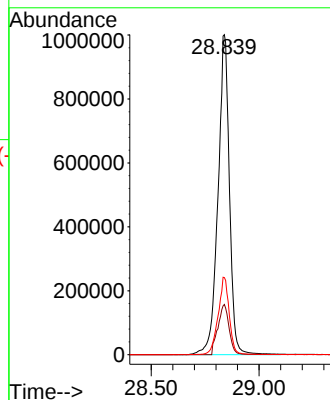
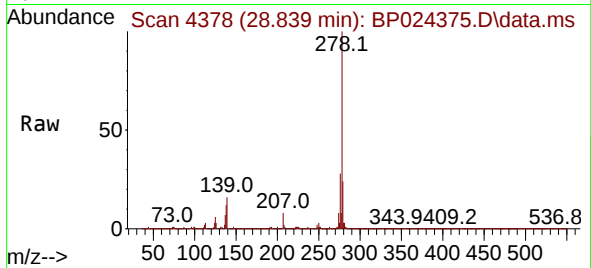
Tgt Ion:278 Resp: 3693865

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 47.515 ng

RT: 29.945 min Scan# 4566

Delta R.T. 0.047 min

Lab File: BP024375.D

Acq: 22 Apr 2025 12:35

Tgt Ion:276 Resp: 3601965

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 21.2 18.7 28.1

