

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024526.D
 Acq On : 05 May 2025 15:24
 Operator : RC/JU
 Sample : Q1928-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

Quant Time: May 05 16:04:17 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	7.705	152	165914	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	671280	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	410001	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	833085	20.000	ng	0.00
76) Chrysene-d12	21.586	240	956909	20.000	ng	0.00
86) Perylene-d12	24.910	264	1128205	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	723752	72.127	ng	-0.01
7) Phenol-d6	6.899	99	952892	69.352	ng	-0.01
23) Nitrobenzene-d5	8.857	82	540603	45.921	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	504714	88.974	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1140364	42.586	ng	-0.01
79) Terphenyl-d14	19.863	244	2116795	44.588	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	166831	39.307	ng	# 94
3) Pyridine	3.669	79	418362	37.329	ng	92
4) n-Nitrosodimethylamine	3.581	42	183671	49.380	ng	78
6) Aniline	7.046	93	686217	55.891	ng	97
8) 2-Chlorophenol	7.281	128	537183	47.949	ng	100
9) Benzaldehyde	6.858	77	229748	33.803	ng	98
10) Phenol	6.922	94	636763	46.199	ng	92
11) bis(2-Chloroethyl)ether	7.140	93	453048	40.796	ng	99
12) 1,3-Dichlorobenzene	7.599	146	539885	44.762	ng	99
13) 1,4-Dichlorobenzene	7.740	146	548748	44.842	ng	99
14) 1,2-Dichlorobenzene	8.057	146	530158	44.865	ng	99
15) Benzyl Alcohol	7.952	79	447826	50.399	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	516574	43.035	ng	100
17) 2-Methylphenol	8.152	107	437399	49.056	ng	96
18) Hexachloroethane	8.775	117	206918	46.787	ng	97
19) n-Nitroso-di-n-propyla...	8.505	70	352877	41.513	ng	95
20) 3+4-Methylphenols	8.475	107	593199	47.948	ng	96
22) Acetophenone	8.522	105	741959	44.657	ng	98
24) Nitrobenzene	8.899	77	533505	45.810	ng	99
25) Isophorone	9.422	82	1000140	46.935	ng	98
26) 2-Nitrophenol	9.599	139	286339	50.242	ng	94
27) 2,4-Dimethylphenol	9.669	122	484332	67.681	ng	98
28) bis(2-Chloroethoxy)met...	9.893	93	614050	42.657	ng	99
29) 2,4-Dichlorophenol	10.140	162	486044	49.813	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	488076	46.687	ng	99
31) Naphthalene	10.528	128	1538840	43.519	ng	99
32) Benzoic acid	9.840	122	390055	46.778	ng	99
33) 4-Chloroaniline	10.640	127	582315	46.763	ng	98
34) Hexachlorobutadiene	10.816	225	306850	49.949	ng	98
35) Caprolactam	11.446	113	170986	47.493	ng	96
36) 4-Chloro-3-methylphenol	11.775	107	557065	49.016	ng	97
37) 2-Methylnaphthalene	12.140	142	987781	40.279	ng	97
38) 1-Methylnaphthalene	12.363	142	1030369	42.949	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	548437	48.641	ng	98
41) Hexachlorocyclopentadiene	12.493	237	760213	190.640	ng	99
43) 2,4,6-Trichlorophenol	12.763	196	395692	52.785	ng	97

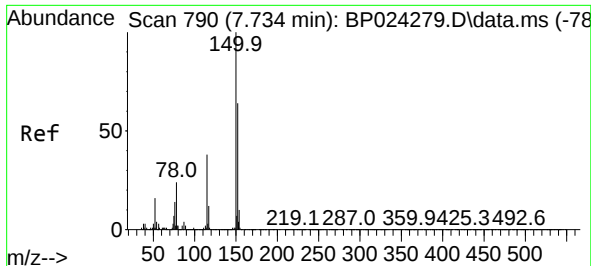
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	438075	52.773	ng	99
46) 1,1'-Biphenyl	13.157	154	1393542	46.240	ng	99
47) 2-Chloronaphthalene	13.204	162	1069013	47.461	ng	98
48) 2-Nitroaniline	13.416	65	339597	53.750	ng	97
49) Acenaphthylene	14.057	152	1754153	49.465	ng	99
50) Dimethylphthalate	13.798	163	1434778	48.121	ng	99
51) 2,6-Dinitrotoluene	13.916	165	312876	49.417	ng	93
52) Acenaphthene	14.404	154	1004485	44.679	ng	98
53) 3-Nitroaniline	14.251	138	302711	45.491	ng	99
54) 2,4-Dinitrophenol	14.469	184	424726	113.884	ng	92
55) Dibenzofuran	14.745	168	1602317	43.602	ng	96
56) 4-Nitrophenol	14.592	139	600170	104.431	ng	92
57) 2,4-Dinitrotoluene	14.722	165	456597	52.867	ng	99
58) Fluorene	15.410	166	1318534	46.348	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	387472	50.609	ng	99
60) Diethylphthalate	15.181	149	1440616	46.886	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	662975	47.991	ng	98
62) 4-Nitroaniline	15.439	138	360113	51.120	ng	86
63) Azobenzene	15.698	77	1348067	47.735	ng	95
65) 4,6-Dinitro-2-methylph...	15.504	198	269076	51.230	ng	94
66) n-Nitrosodiphenylamine	15.622	169	1168234	46.982	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	454887	49.926	ng	100
68) Hexachlorobenzene	16.434	284	551058	50.898	ng	99
69) Atrazine	16.604	200	435800	68.813	ng	98
70) Pentachlorophenol	16.792	266	786639	104.149	ng	99
71) Phenanthrene	17.181	178	2082907	45.831	ng	100
72) Anthracene	17.281	178	2171719	49.581	ng	99
73) Carbazole	17.563	167	2040508	47.678	ng	99
74) Di-n-butylphthalate	18.151	149	2617916	49.098	ng	99
75) Fluoranthene	19.275	202	2565738	47.468	ng	95
77) Benzidine	19.469	184	1539867	126.951	ng	99
78) Pyrene	19.645	202	2637930	43.378	ng	99
80) Butylbenzylphthalate	20.598	149	1304609	50.086	ng	96
81) Benzo(a)anthracene	21.563	228	2831162	47.600	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	998886	47.849	ng	99
83) Chrysene	21.633	228	2623817	46.046	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1898876	49.729	ng	99
85) Di-n-octyl phthalate	22.768	149	3334656	53.718	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3842514	49.059	ng #	91
88) Benzo(b)fluoranthene	23.868	252	3065402	45.329	ng #	98
89) Benzo(k)fluoranthene	23.939	252	3021755	46.259	ng	98
90) Benzo(a)pyrene	24.768	252	2890181	49.546	ng #	98
91) Dibenzo(a,h)anthracene	28.786	278	3181520	48.937	ng	96
92) Benzo(g,h,i)perylene	29.886	276	3052783	46.133	ng #	95

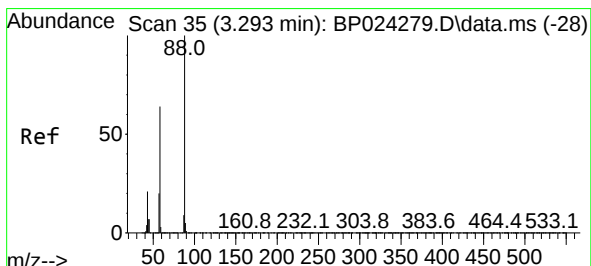
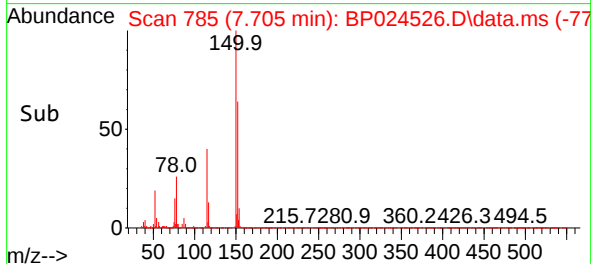
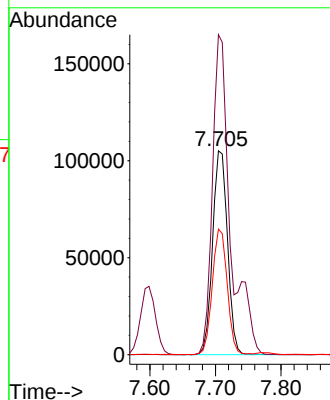
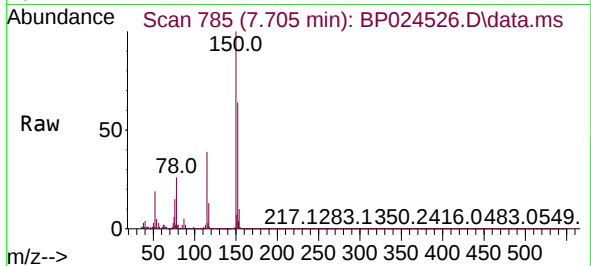
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.705 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BP024526.D
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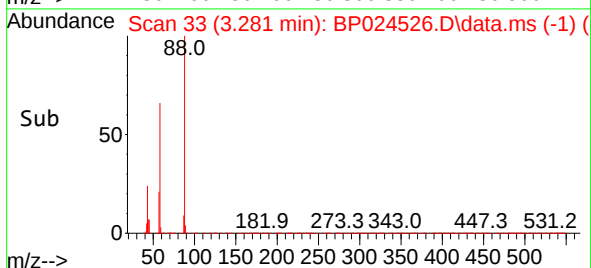
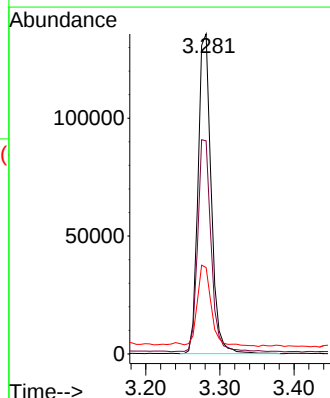
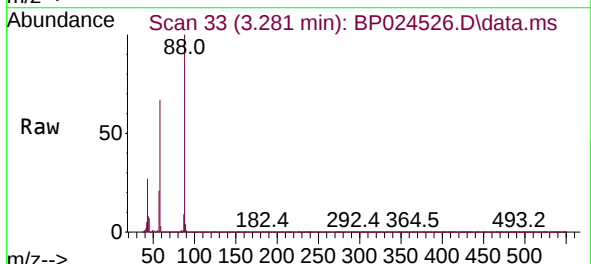
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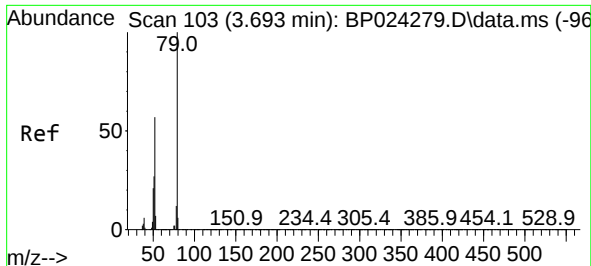
Tgt Ion:152 Resp: 165914
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.9 187.3
 115 61.6 47.7 71.5



#2
 1,4-Dioxane
 Concen: 39.307 ng
 RT: 3.281 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Tgt Ion: 88 Resp: 166831
 Ion Ratio Lower Upper
 88 100
 58 67.9 51.4 77.2
 43 27.2 17.1 25.7#

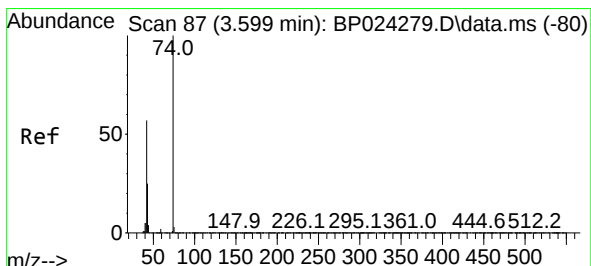
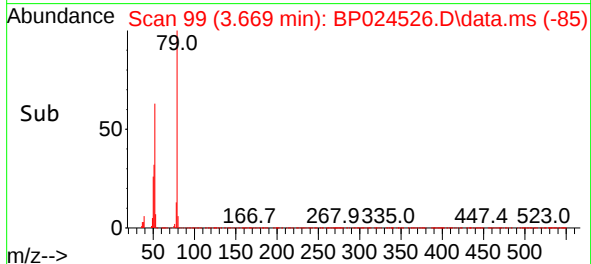
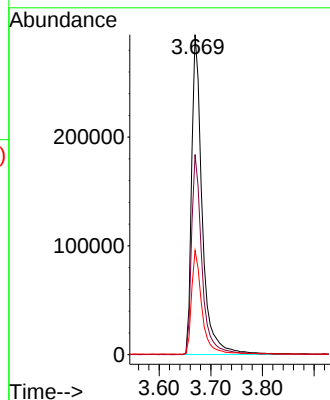
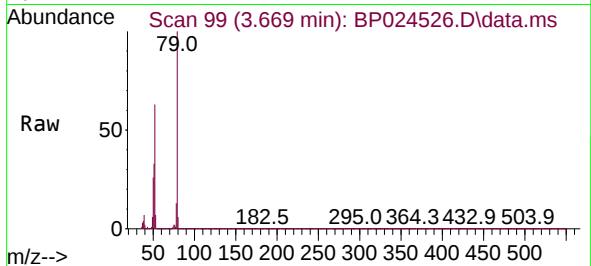




#3
Pyridine
Concen: 37.329 ng
RT: 3.669 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

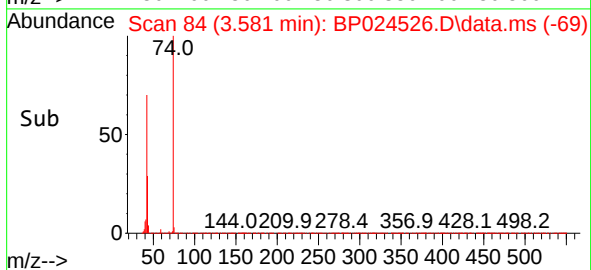
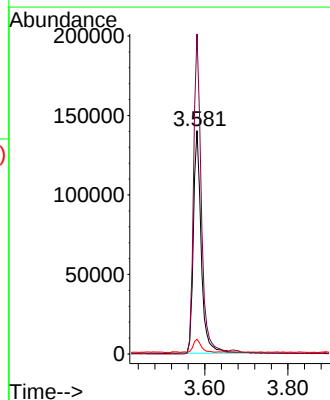
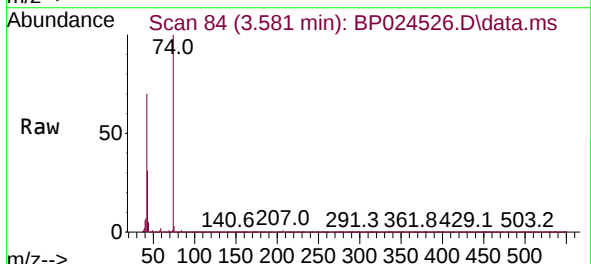
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BNA_P
ClientSampleId :
MH-QMS

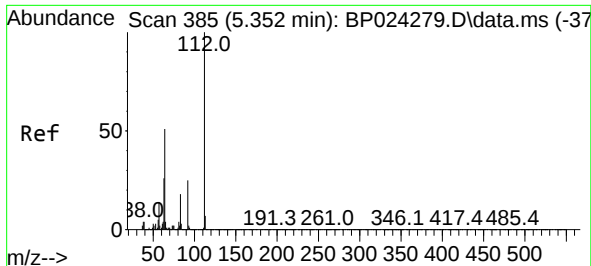
Tgt Ion: 79 Resp: 418362
Ion Ratio Lower Upper
79 100
52 62.5 45.4 68.2
51 32.6 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 49.380 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 42 Resp: 183671
Ion Ratio Lower Upper
42 100
74 143.2 139.5 209.3
44 6.6 5.8 8.8

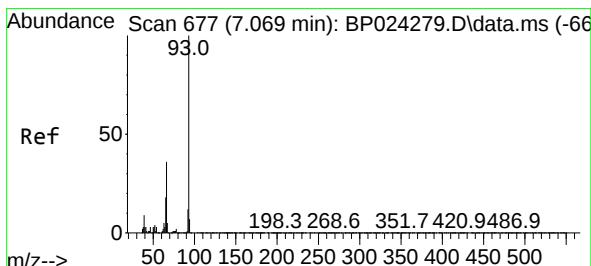
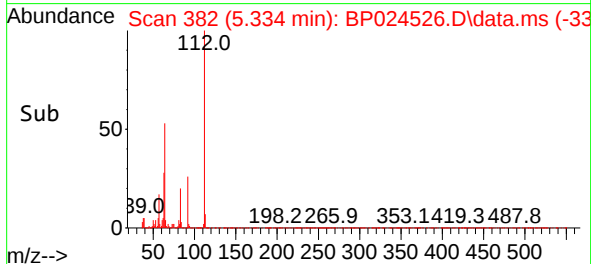
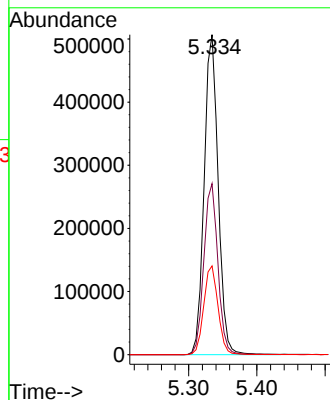
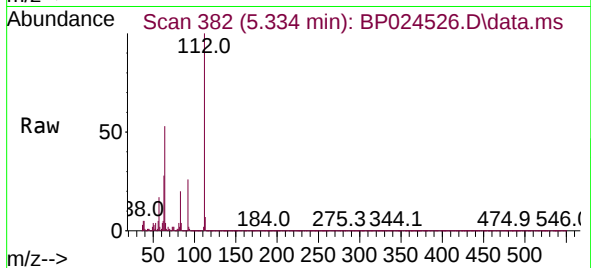




#5
2-Fluorophenol
Concen: 72.127 ng
RT: 5.334 min Scan# 385
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

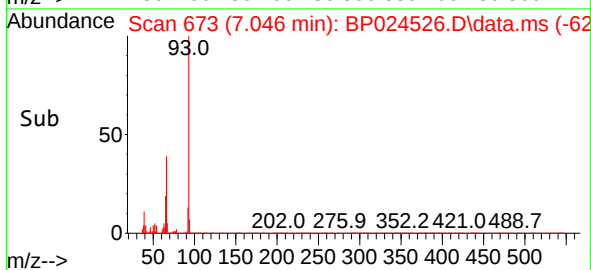
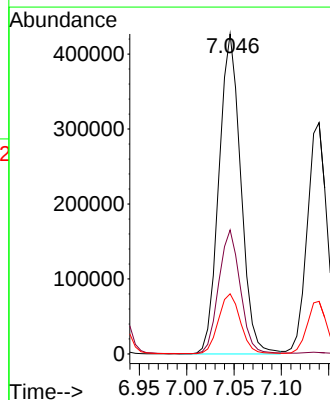
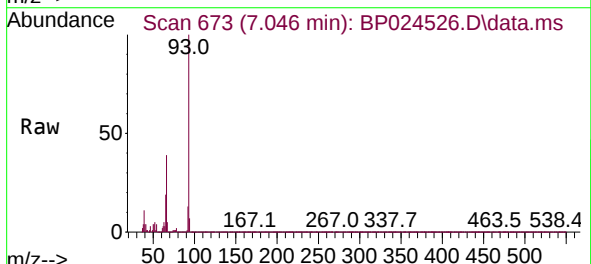
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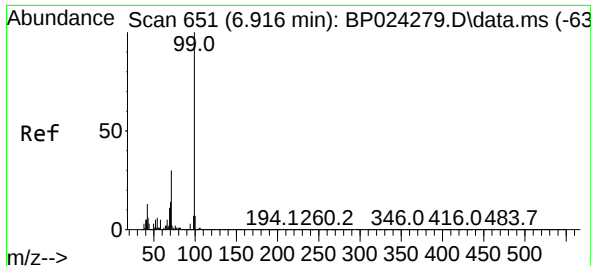
Tgt Ion:112 Resp: 723752
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 27.8 20.6 30.8



#6
Aniline
Concen: 55.891 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 93 Resp: 686217
Ion Ratio Lower Upper
93 100
66 38.7 29.1 43.7
65 18.8 14.7 22.1

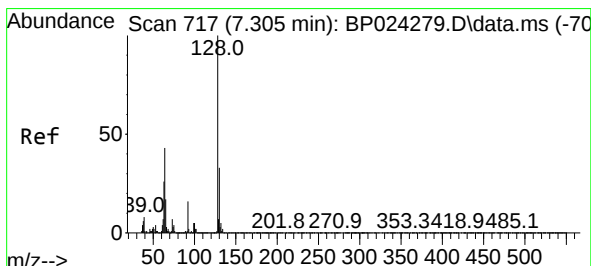
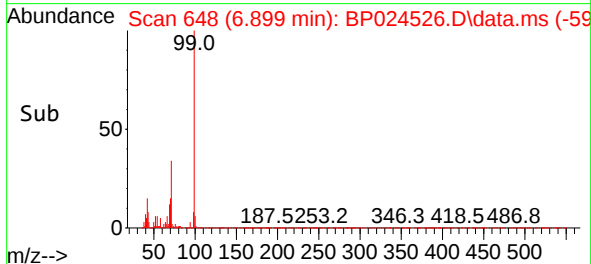
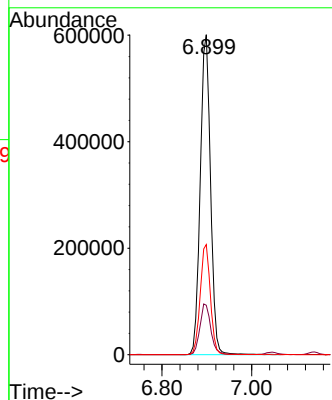
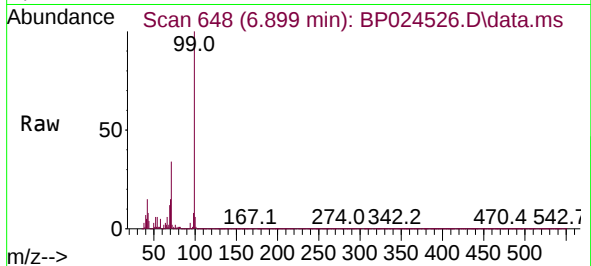




#7
Phenol-d6
Concen: 69.352 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

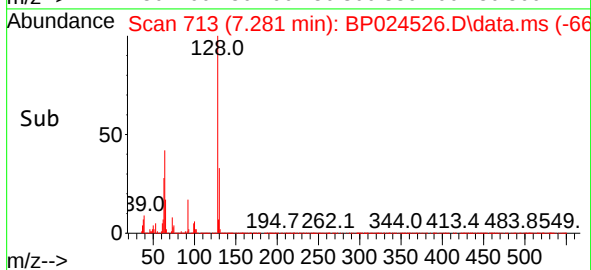
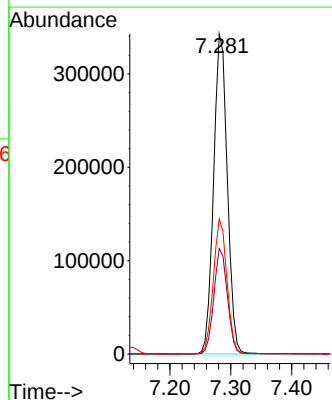
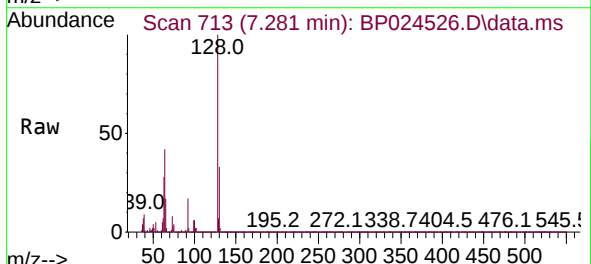
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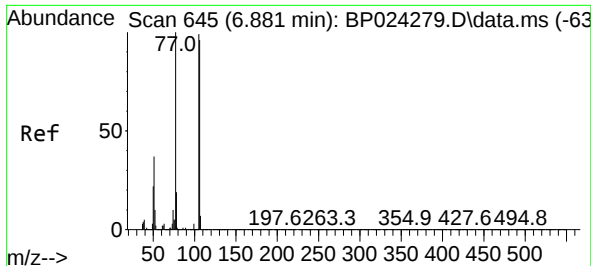
Tgt Ion: 99 Resp: 952892
Ion Ratio Lower Upper
99 100
42 15.5 10.6 16.0
71 34.4 23.7 35.5



#8
2-Chlorophenol
Concen: 47.949 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:128 Resp: 537183
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 42.2 22.7 62.7

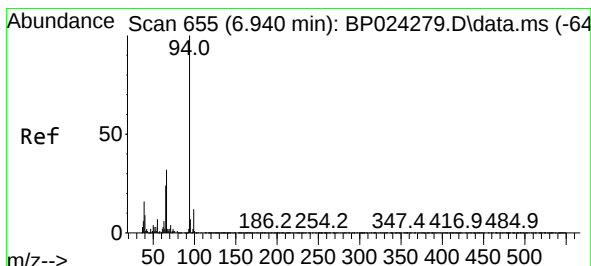
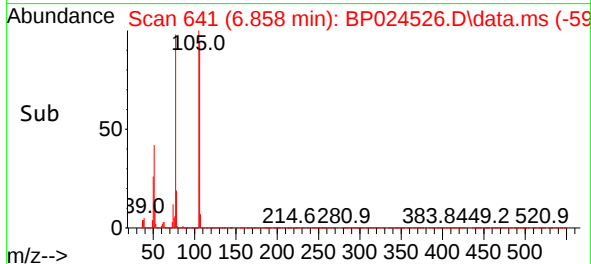
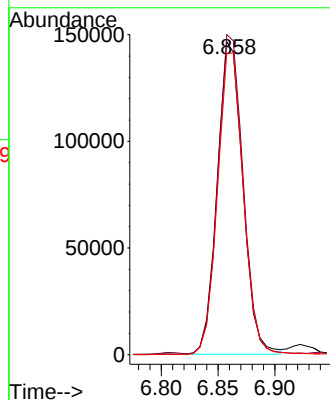
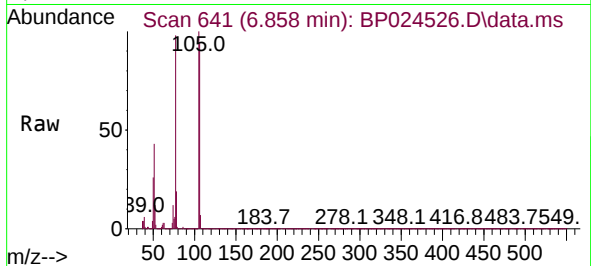




#9
Benzaldehyde
Concen: 33.803 ng
RT: 6.858 min Scan# 641
Delta R.T. -0.023 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

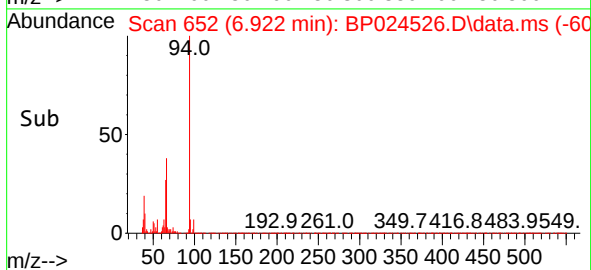
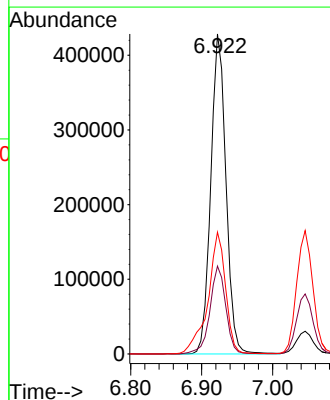
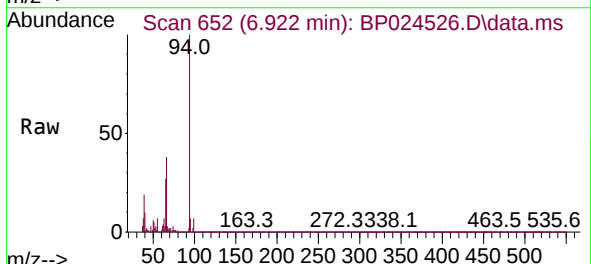
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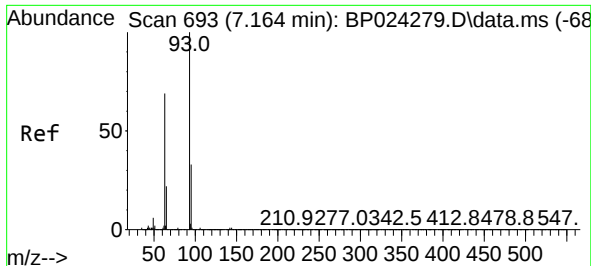
Tgt Ion: 77 Resp: 229748
Ion Ratio Lower Upper
77 100
105 102.3 79.2 119.2
106 96.3 76.2 116.2



#10
Phenol
Concen: 46.199 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 94 Resp: 636763
Ion Ratio Lower Upper
94 100
65 27.4 4.5 44.5
66 38.1 12.4 52.4

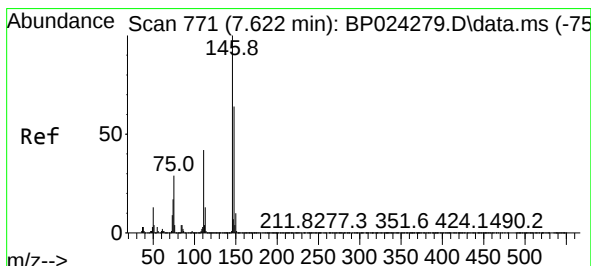
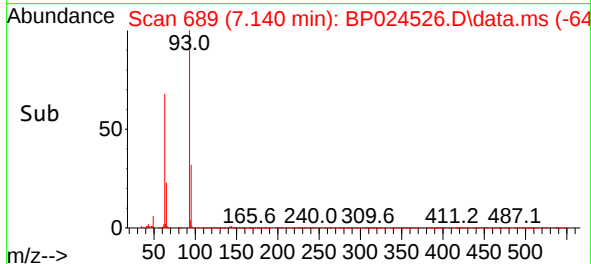
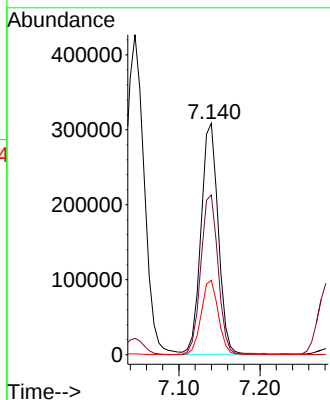
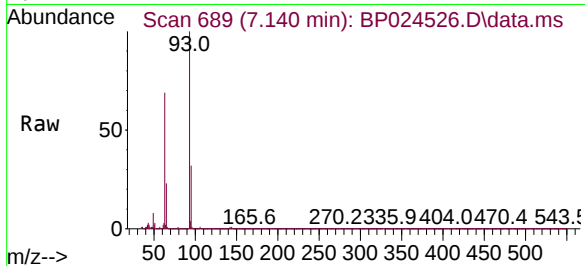




#11
bis(2-Chloroethyl)ether
Concen: 40.796 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

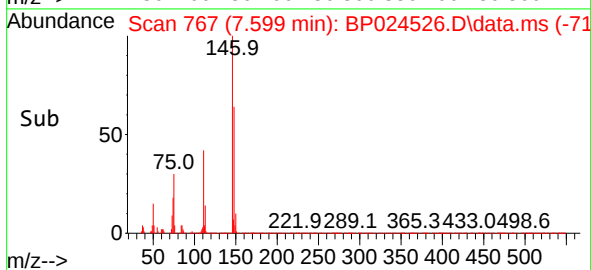
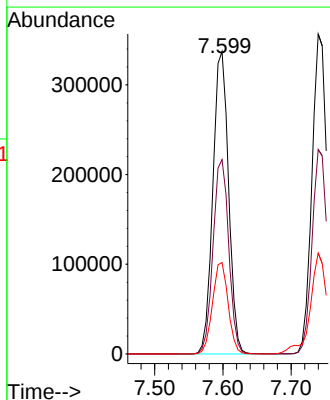
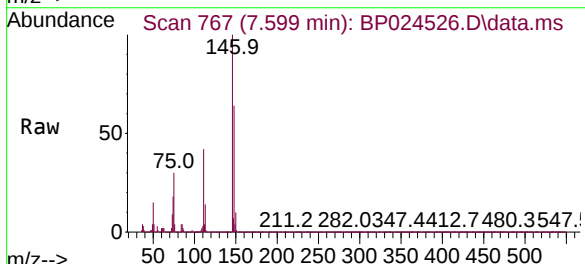
Instrument :
BNA_P
ClientSampleId :
MH-QMS

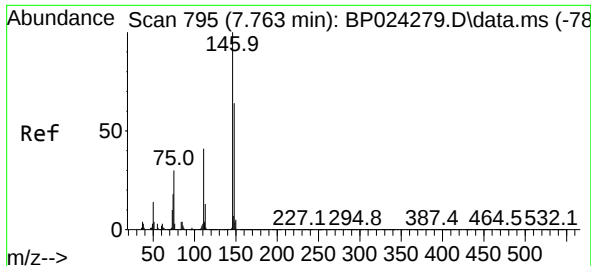
Tgt Ion: 93 Resp: 453048
Ion Ratio Lower Upper
93 100
63 69.1 48.6 88.6
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.762 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 146 Resp: 539885
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 30.2 22.9 34.3

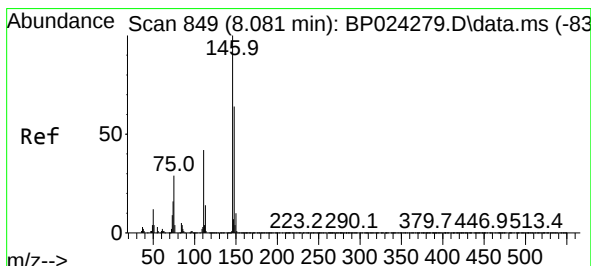
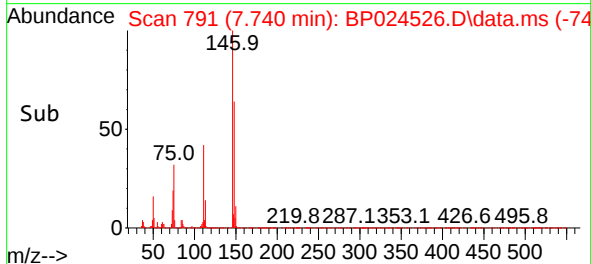
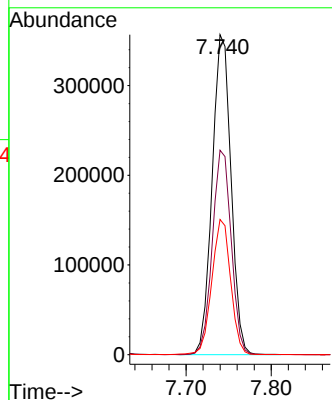
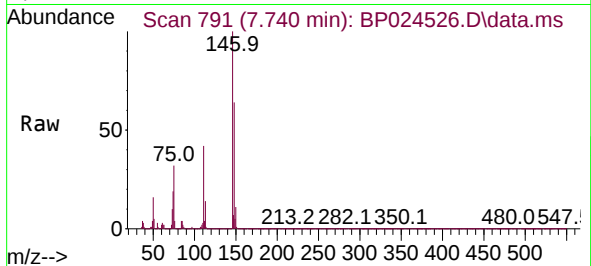




#13
1,4-Dichlorobenzene
Concen: 44.842 ng
RT: 7.740 min Scan# 791
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

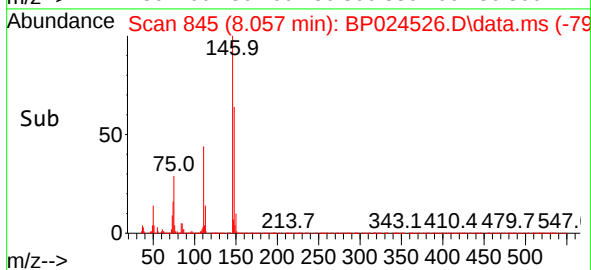
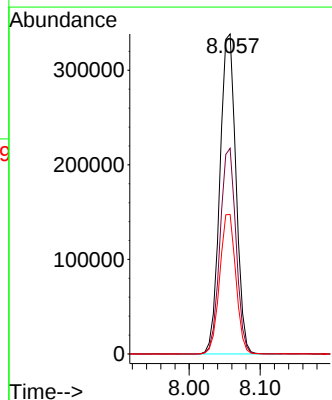
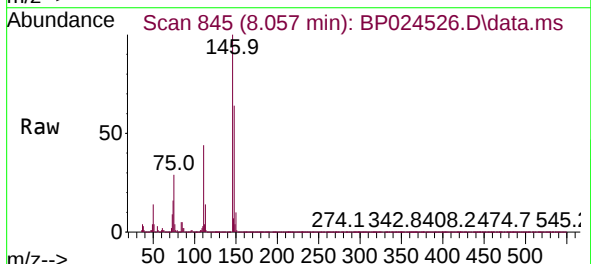
Instrument :
BNA_P
ClientSampleId :
MH-QMS

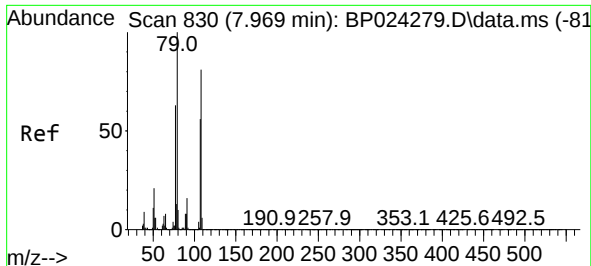
Tgt Ion:146 Resp: 548748
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 42.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 44.865 ng
RT: 8.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:146 Resp: 530158
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.6 33.8 50.8

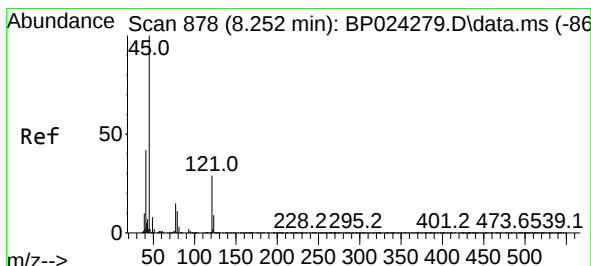
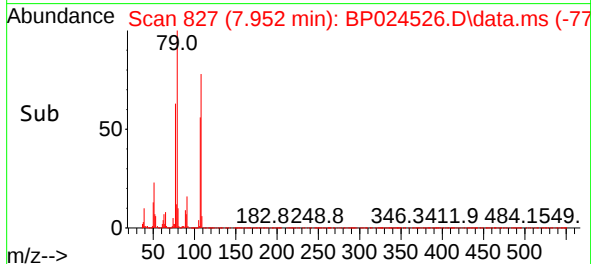
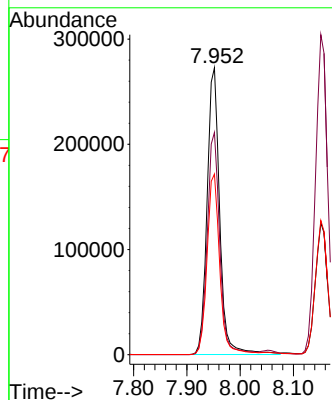
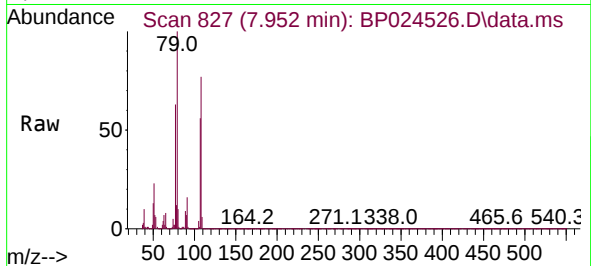




#15
Benzyl Alcohol
Concen: 50.399 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

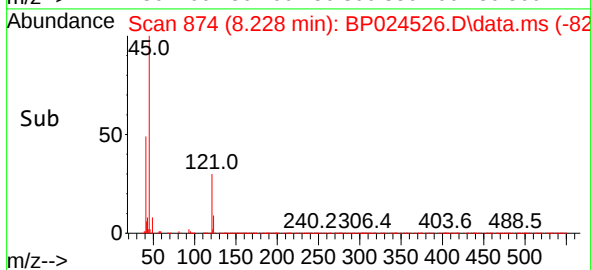
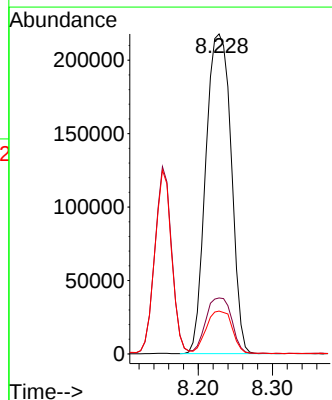
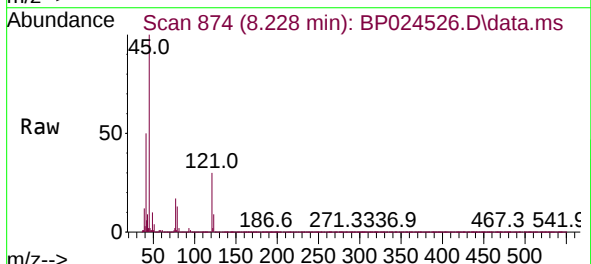
Instrument :
BNA_P
ClientSampleId :
MH-QMS

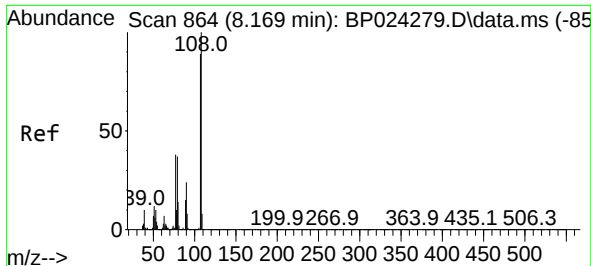
Tgt Ion: 79 Resp: 447826
Ion Ratio Lower Upper
79 100
108 77.5 65.1 97.7
77 63.0 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.035 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 45 Resp: 516574
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.4 0.0 33.5

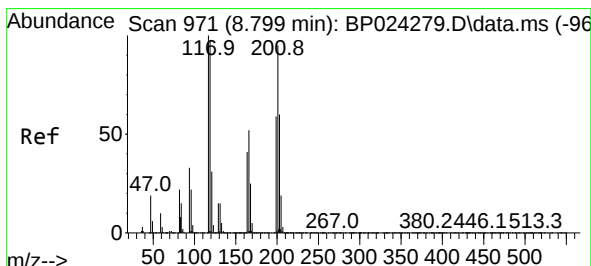
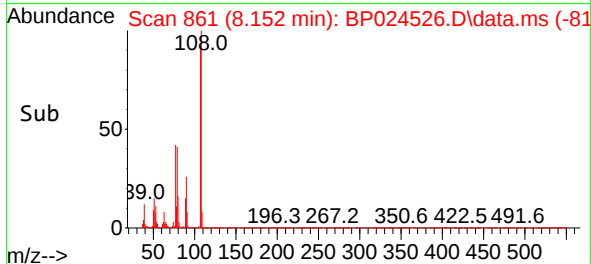
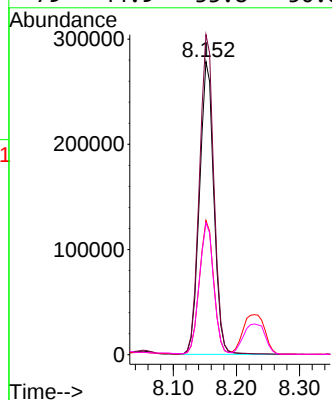
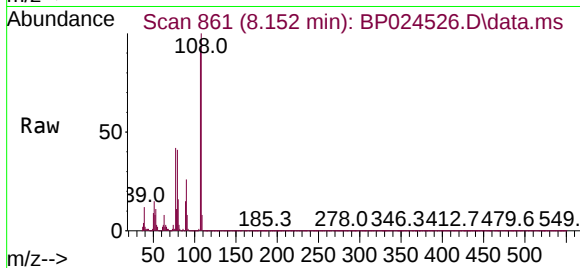




#17
2-Methylphenol
Concen: 49.056 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

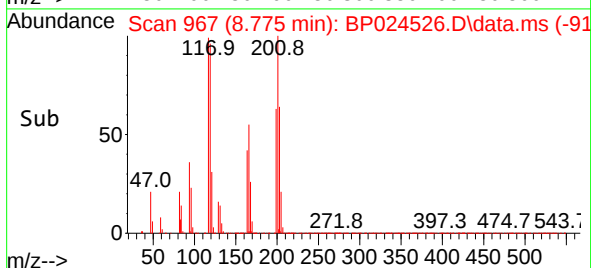
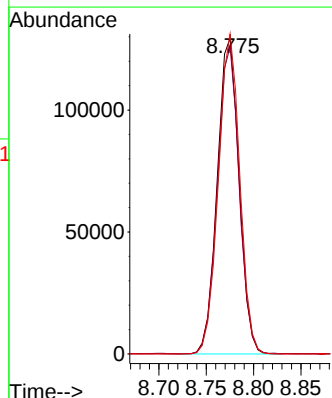
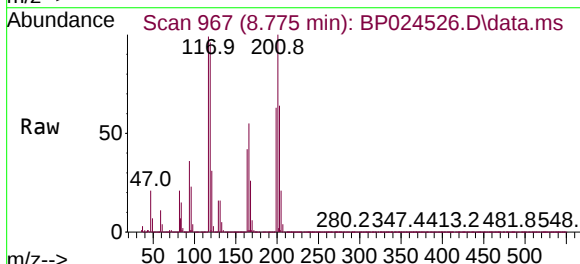
Instrument :
BNA_P
ClientSampleId :
MH-QMS

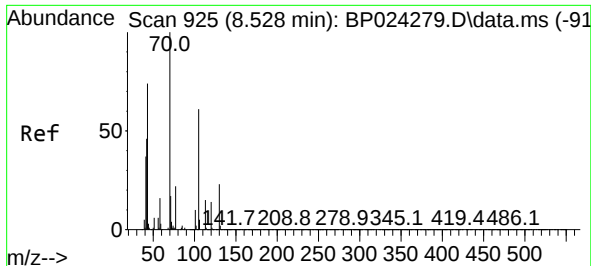
Tgt Ion:	107	Resp:	437399
Ion	Ratio	Lower	Upper
107	100		
108	109.1	89.8	134.6
77	45.8	34.2	51.4
79	44.9	33.8	50.8



#18
Hexachloroethane
Concen: 46.787 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:	117	Resp:	206918
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
201	101.3	75.9	113.9

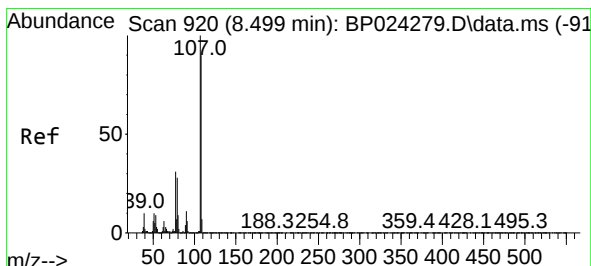
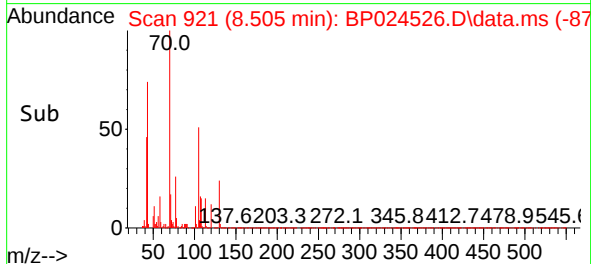
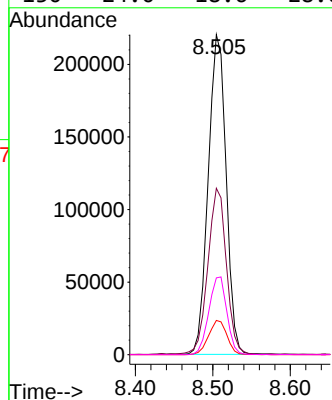
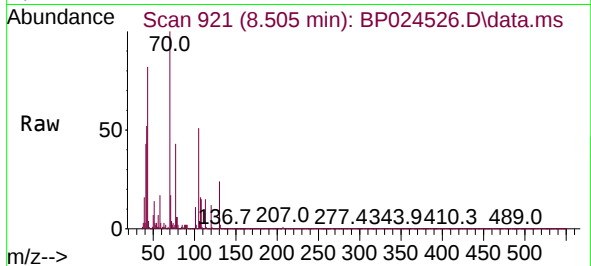




#19
n-Nitroso-di-n-propylamine
Concen: 41.513 ng
RT: 8.505 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

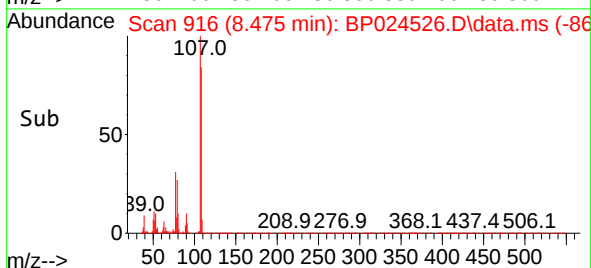
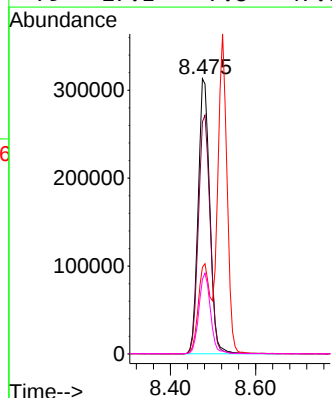
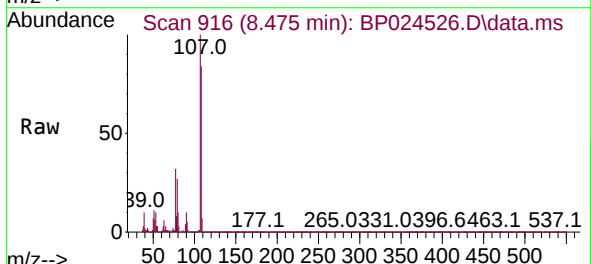
Instrument :
BNA_P
ClientSampleId :
MH-QMS

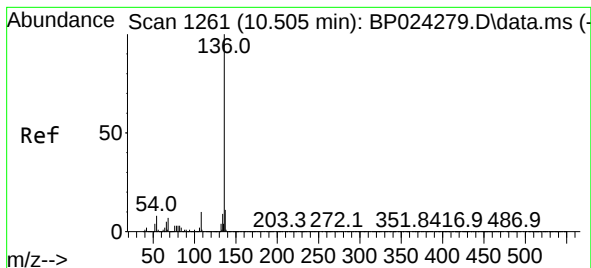
Tgt Ion: 70 Resp: 352877
Ion Ratio Lower Upper
70 100
42 52.0 37.3 55.9
101 10.7 8.2 12.4
130 24.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 47.948 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 107 Resp: 593199
Ion Ratio Lower Upper
107 100
108 84.4 69.8 109.8
77 31.5 11.5 51.5
79 27.1 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

Tgt Ion:136 Resp: 671280

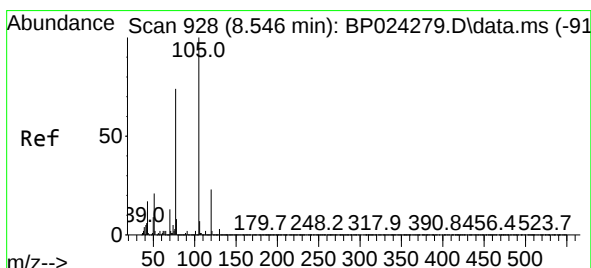
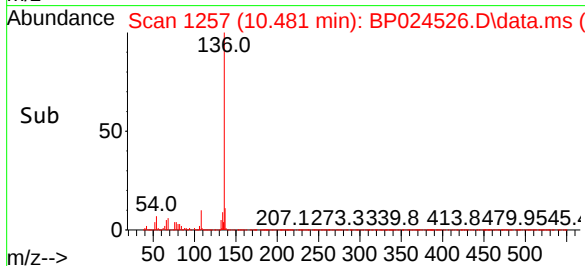
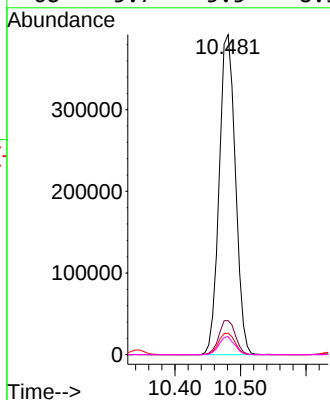
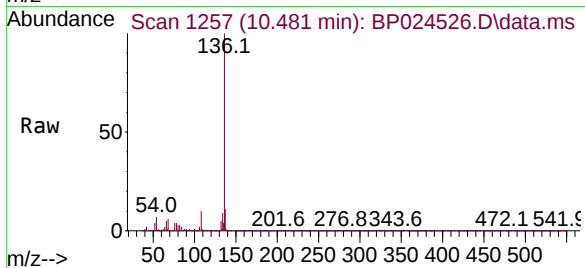
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 6.7 6.0 9.0

68 5.7 5.5 8.3



#22

Acetophenone

Concen: 44.657 ng

RT: 8.522 min Scan# 924

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Tgt Ion:105 Resp: 741959

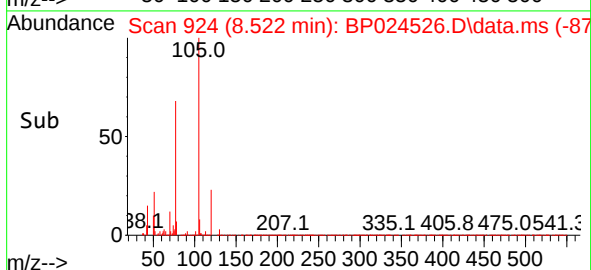
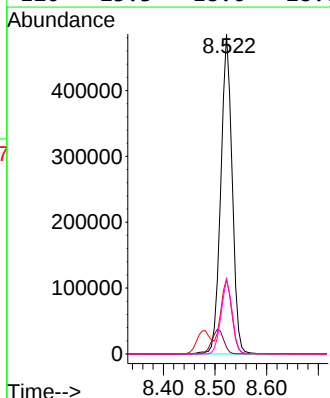
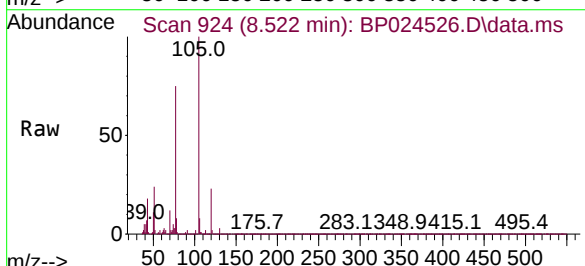
Ion Ratio Lower Upper

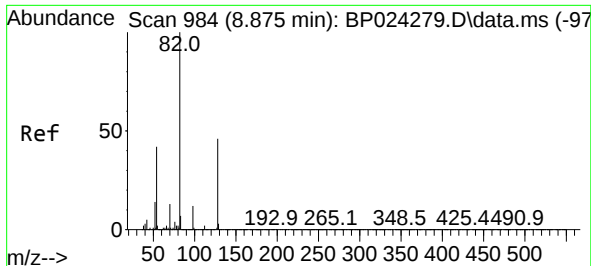
105 100

71 2.1 1.7 2.5

51 23.5 16.9 25.3

120 23.3 18.6 28.0

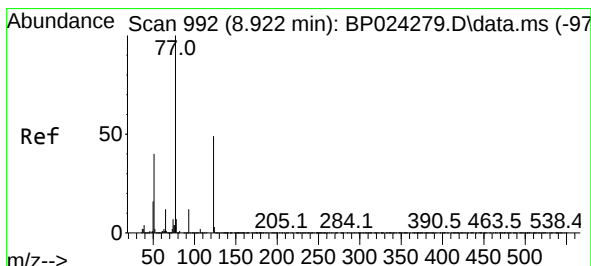
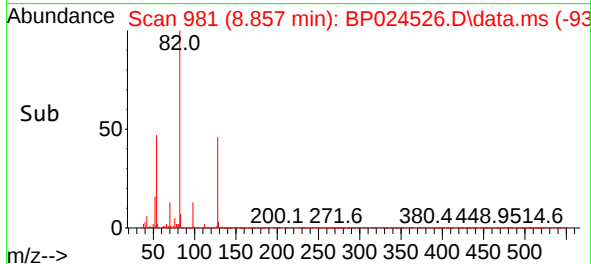
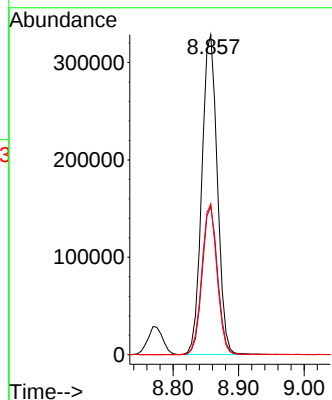
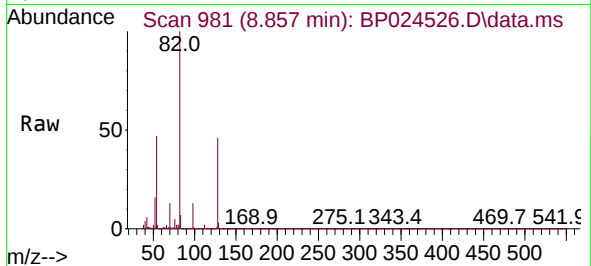




#23
Nitrobenzene-d5
Concen: 45.921 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

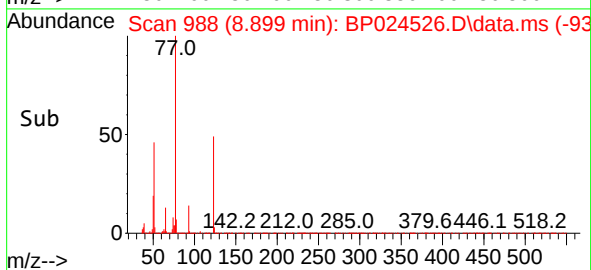
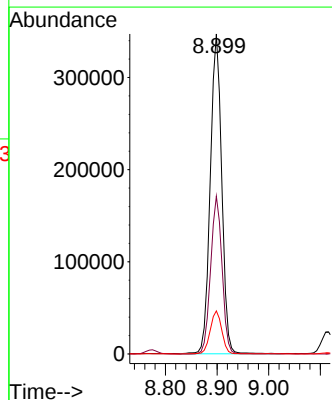
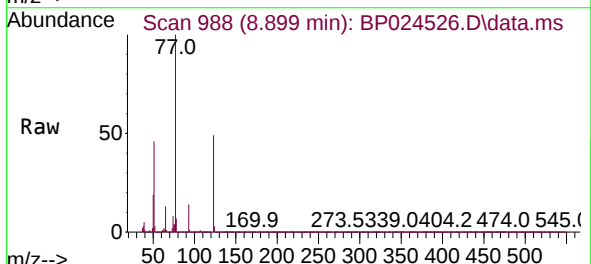
Instrument :
BNA_P
ClientSampleId :
MH-QMS

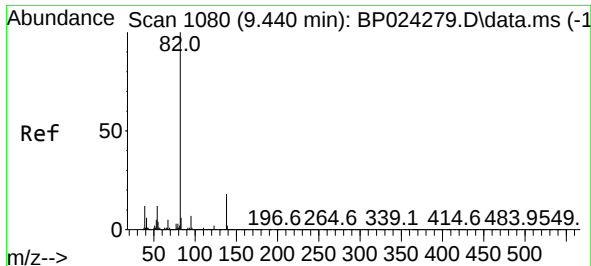
Tgt Ion: 82 Resp: 540603
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 47.2 33.4 50.2



#24
Nitrobenzene
Concen: 45.810 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 77 Resp: 533505
Ion Ratio Lower Upper
77 100
123 49.3 39.2 58.8
65 13.4 9.8 14.6

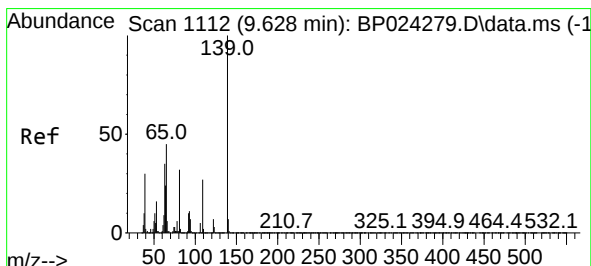
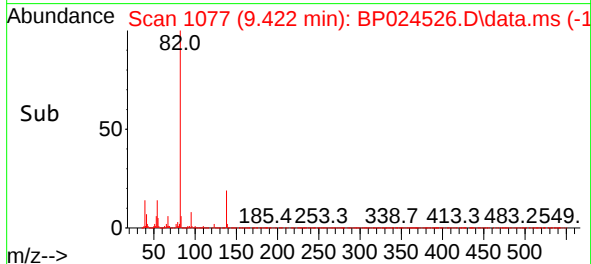
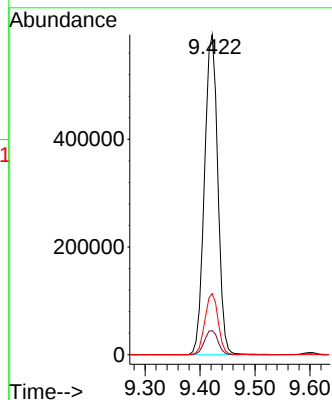
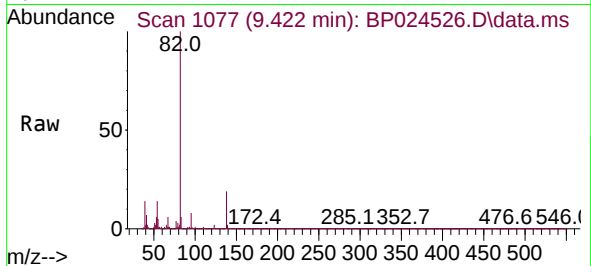




#25
Isophorone
Concen: 46.935 ng
RT: 9.422 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

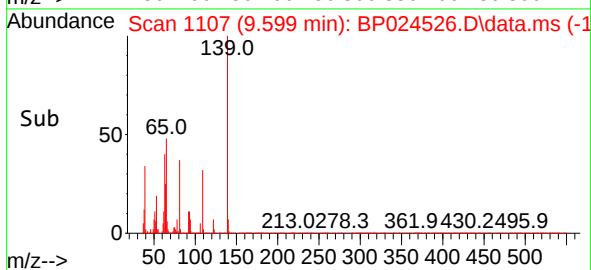
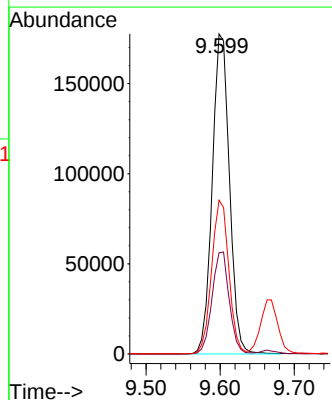
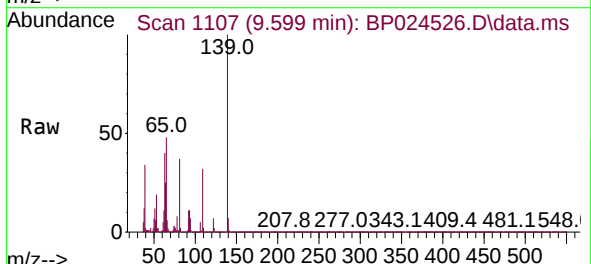
Instrument :
BNA_P
ClientSampleId :
MH-QMS

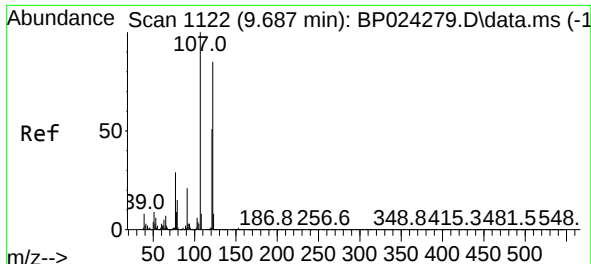
Tgt Ion: 82 Resp: 1000140
Ion Ratio Lower Upper
82 100
95 7.5 5.4 8.2
138 19.1 14.4 21.6



#26
2-Nitrophenol
Concen: 50.242 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 139 Resp: 286339
Ion Ratio Lower Upper
139 100
109 31.7 21.8 32.6
65 48.0 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 67.681 ng

RT: 9.669 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

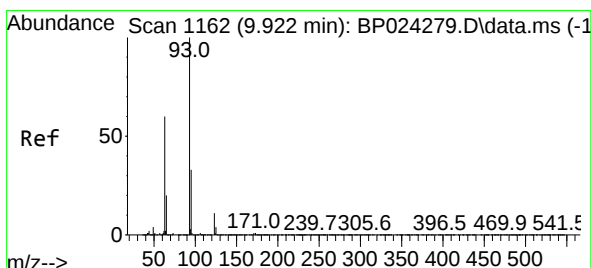
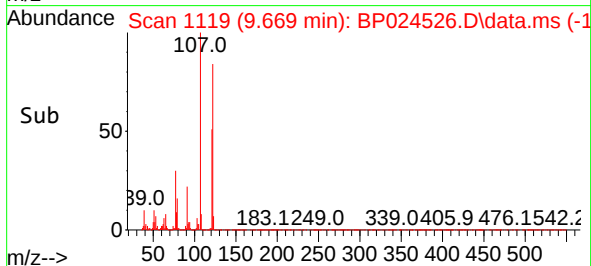
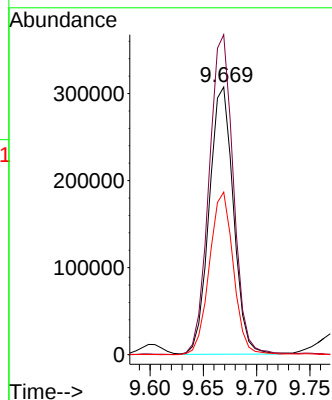
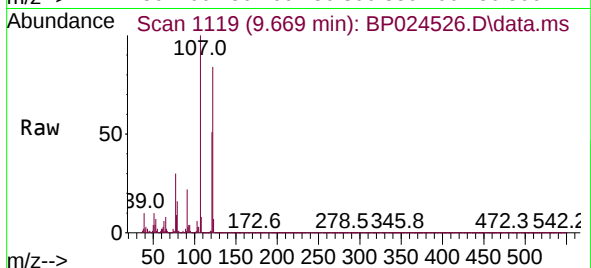
Tgt Ion:122 Resp: 484332

Ion Ratio Lower Upper

122 100

107 119.5 93.7 140.5

121 60.7 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 42.657 ng

RT: 9.893 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

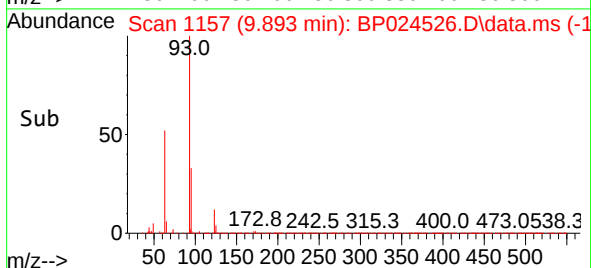
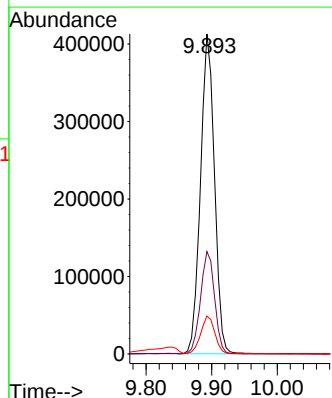
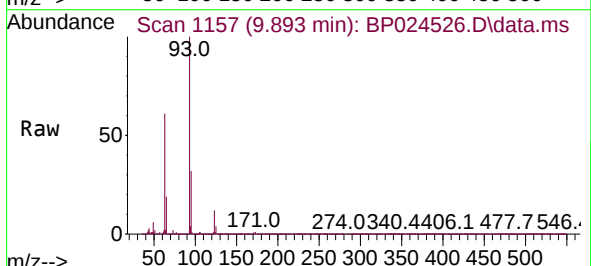
Tgt Ion: 93 Resp: 614050

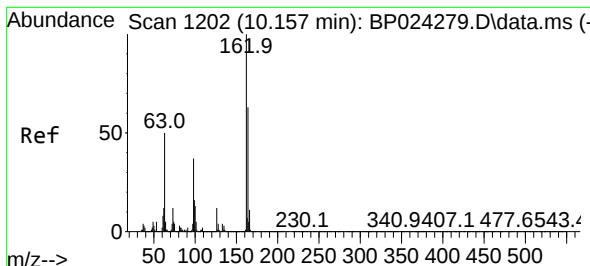
Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.813 ng

RT: 10.140 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

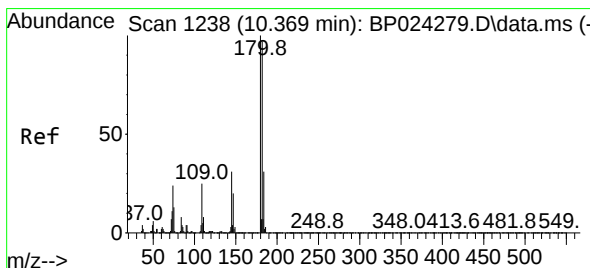
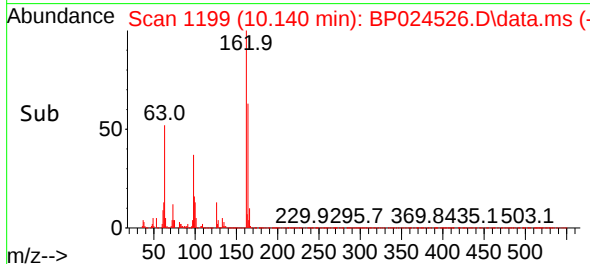
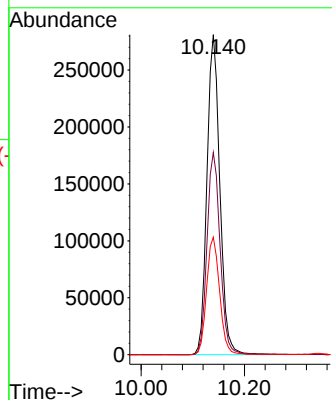
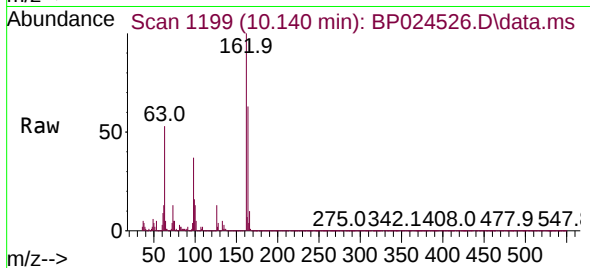
Tgt Ion:162 Resp: 486044

Ion Ratio Lower Upper

162 100

164 63.2 43.3 83.3

98 36.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 46.687 ng

RT: 10.346 min Scan# 1234

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

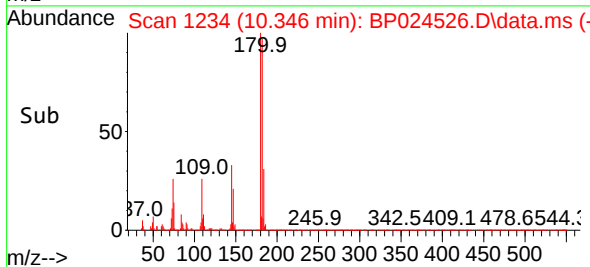
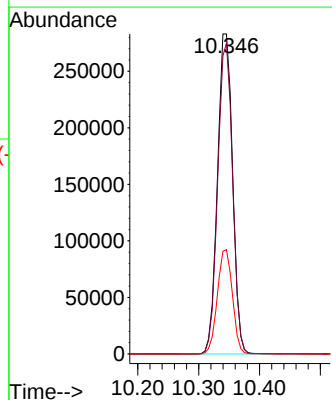
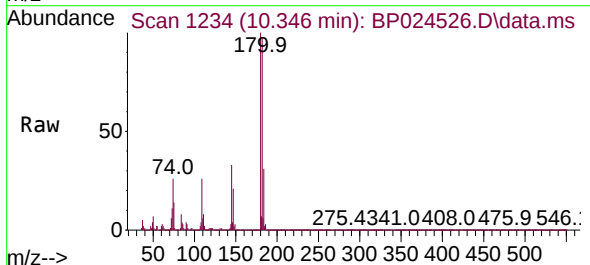
Tgt Ion:180 Resp: 488076

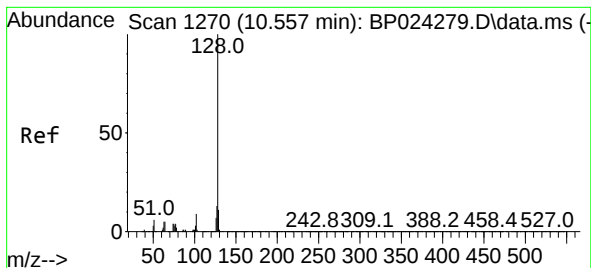
Ion Ratio Lower Upper

180 100

182 97.2 77.3 115.9

145 32.6 25.1 37.7

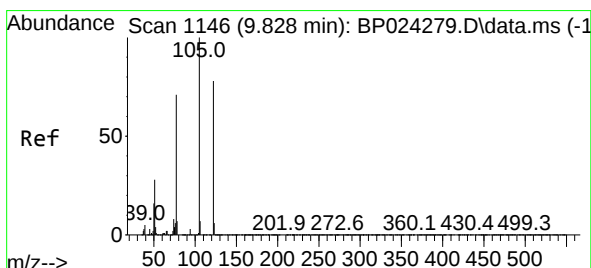
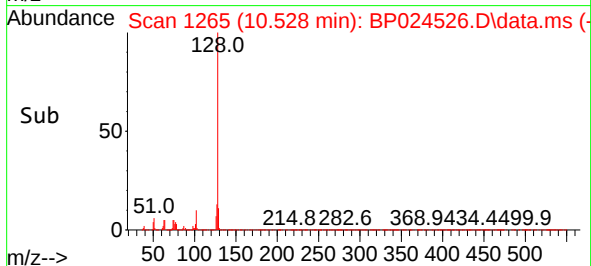
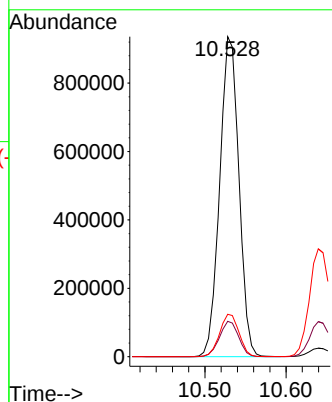
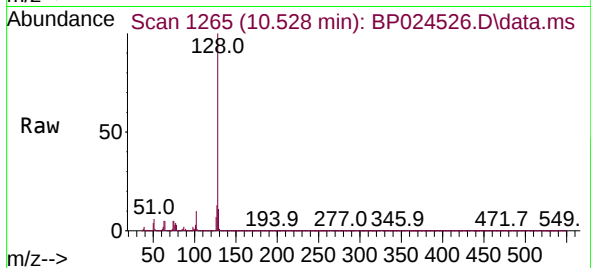




#31
Naphthalene
Concen: 43.519 ng
RT: 10.528 min Scan# 1126
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

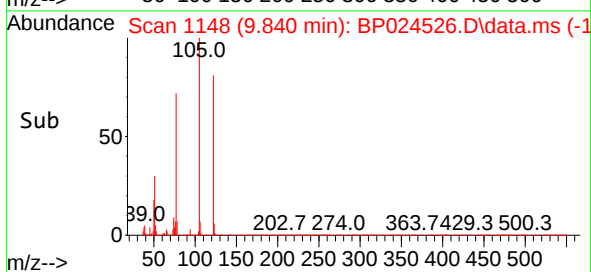
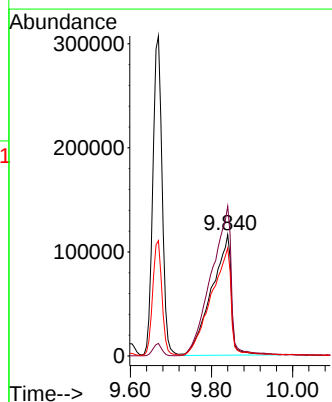
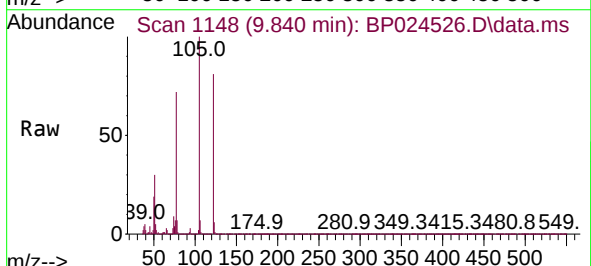
Instrument :
BNA_P
ClientSampleId :
MH-QMS

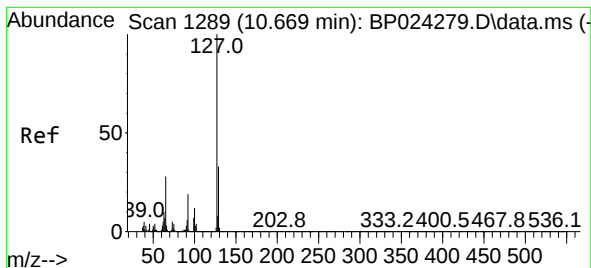
Tgt Ion:128 Resp: 1538840
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 46.778 ng
RT: 9.840 min Scan# 1148
Delta R.T. 0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:122 Resp: 390055
Ion Ratio Lower Upper
122 100
105 123.4 104.8 144.8
77 89.0 69.2 109.2





#33

4-Chloroaniline

Concen: 46.763 ng

RT: 10.640 min Scan# 11

Delta R.T. -0.023 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

Tgt Ion:127 Resp: 582315

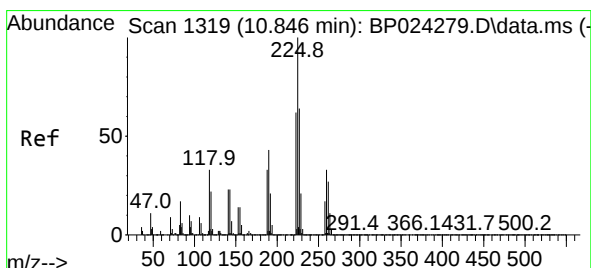
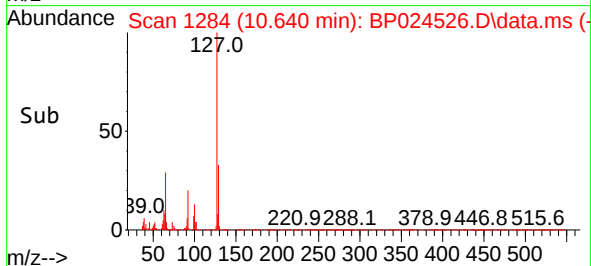
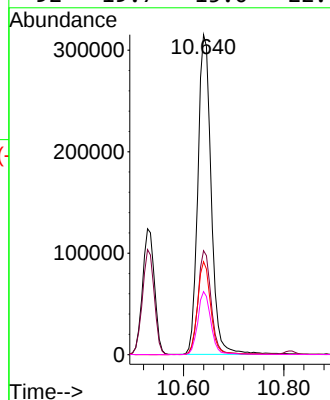
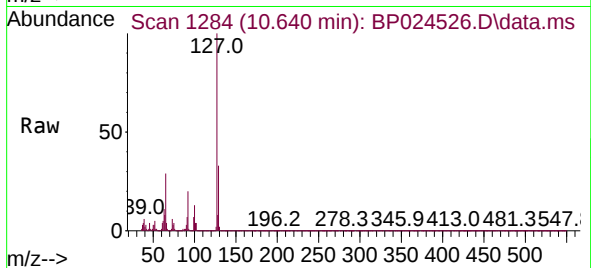
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 29.1 22.1 33.1

92 19.7 15.0 22.4



#34

Hexachlorobutadiene

Concen: 49.949 ng

RT: 10.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

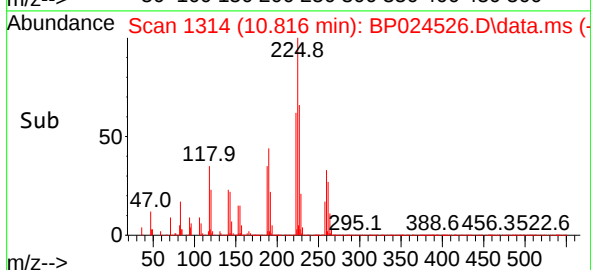
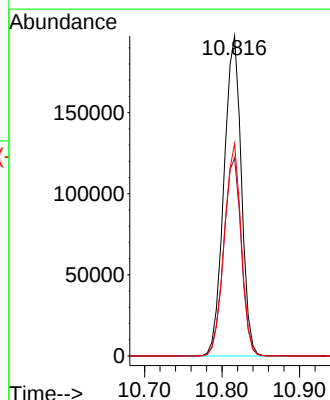
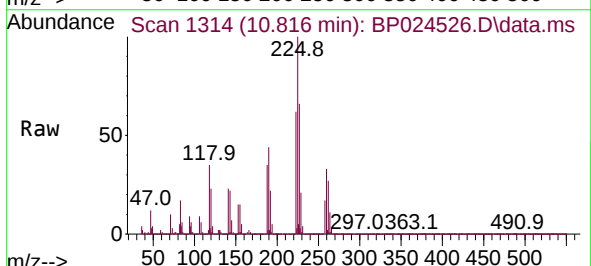
Tgt Ion:225 Resp: 306850

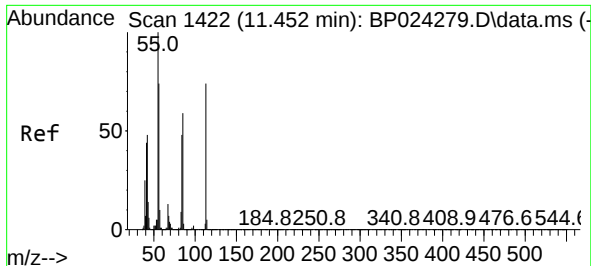
Ion Ratio Lower Upper

225 100

223 61.9 49.5 74.3

227 66.3 50.9 76.3

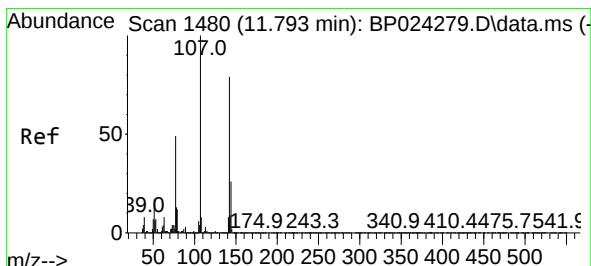
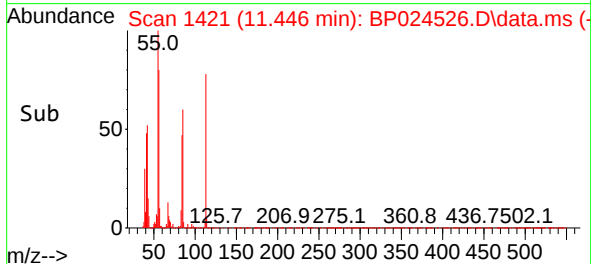
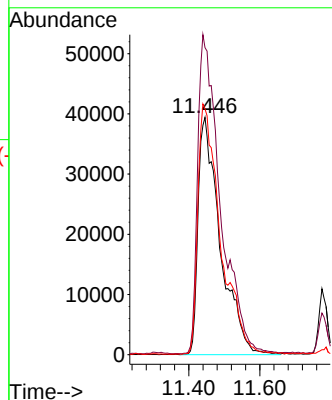
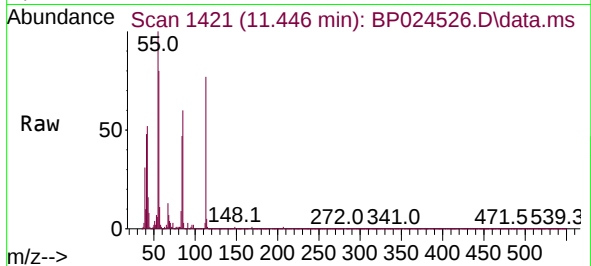




#35
Caprolactam
Concen: 47.493 ng
RT: 11.446 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

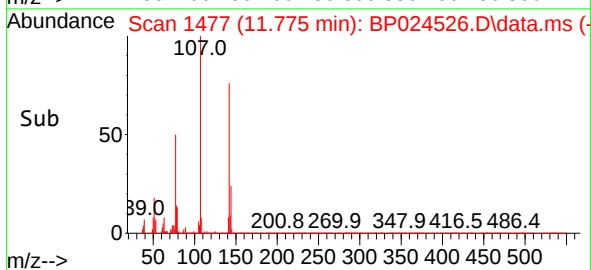
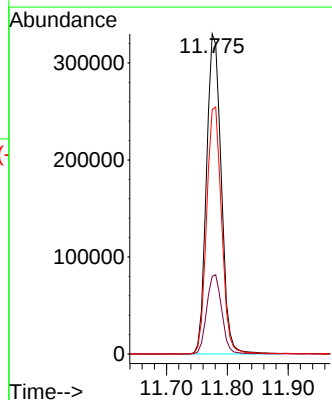
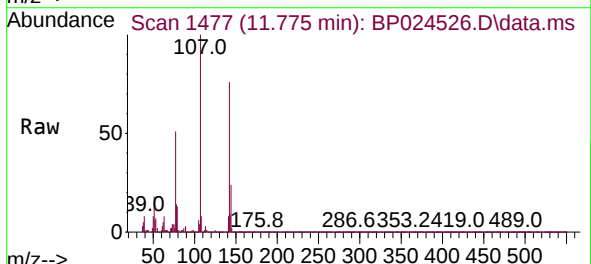
Instrument :
BNA_P
ClientSampleId :
MH-QMS

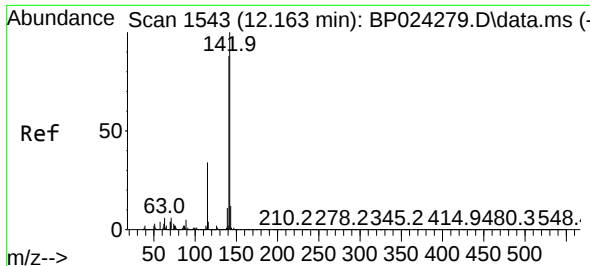
Tgt Ion:113 Resp: 170986
Ion Ratio Lower Upper
113 100
55 129.4 115.9 155.9
56 103.6 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 49.016 ng
RT: 11.775 min Scan# 1477
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:107 Resp: 557065
Ion Ratio Lower Upper
107 100
144 24.3 20.5 30.7
142 76.4 63.4 95.2

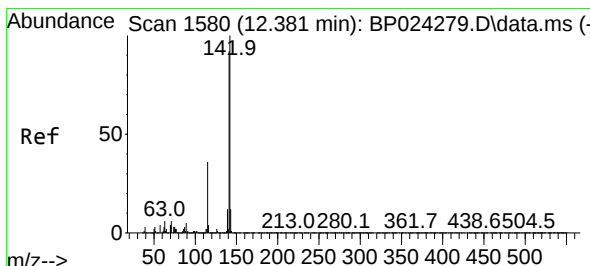
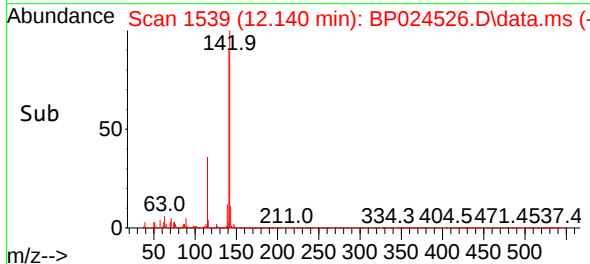
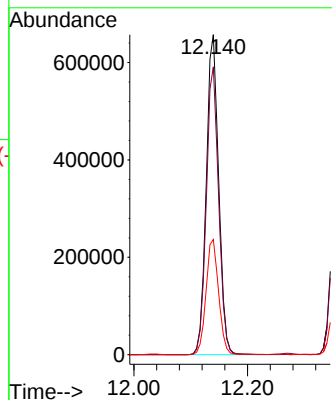
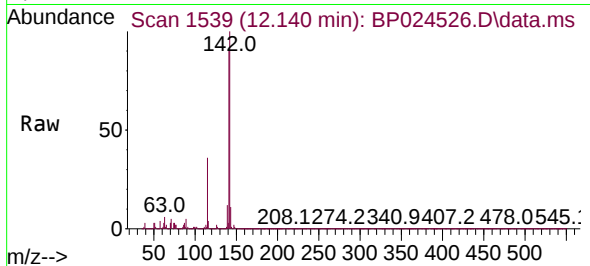




#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 12.140 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

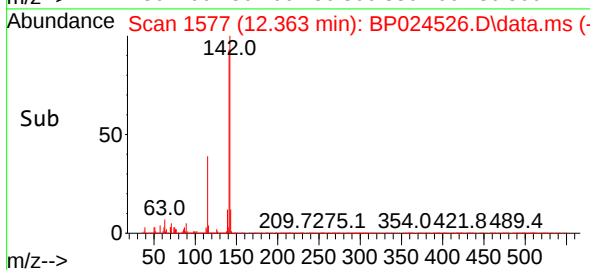
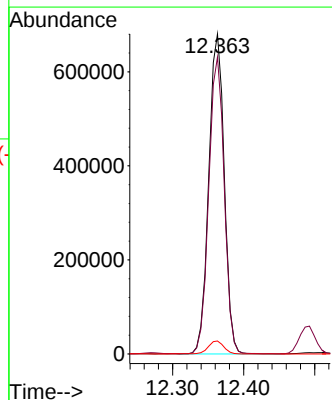
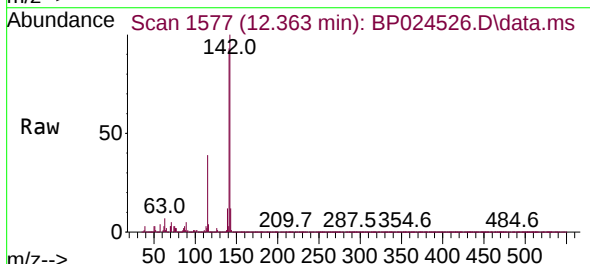
Instrument :
BNA_P
ClientSampleId :
MH-QMS

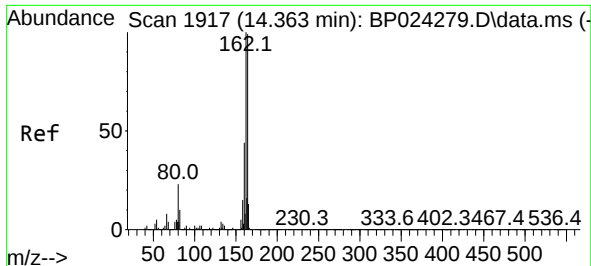
Tgt Ion:142 Resp: 987781
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5
115 36.0 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.949 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:142 Resp: 1030369
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4
116 4.1 3.0 4.6

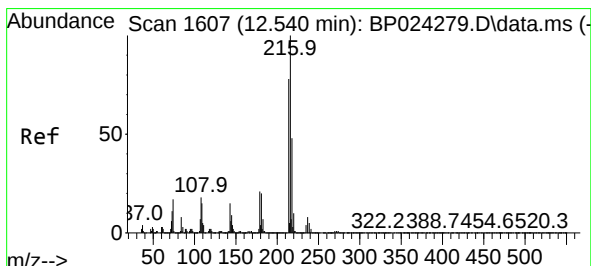
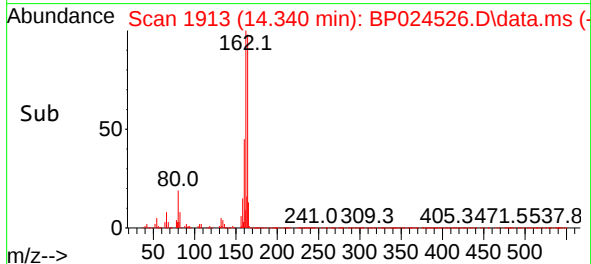
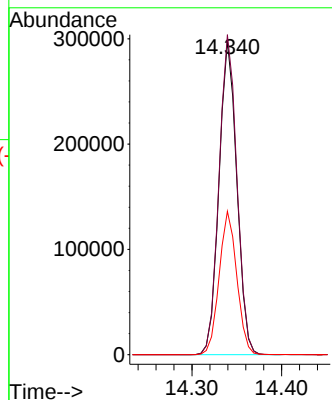
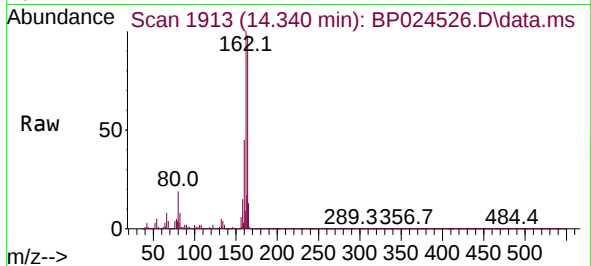




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

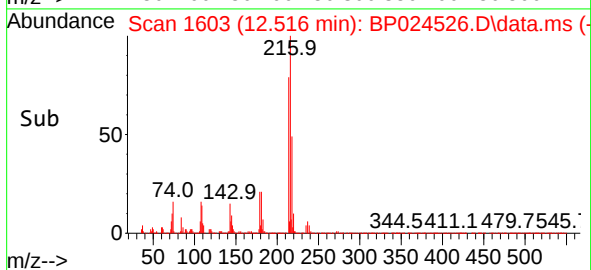
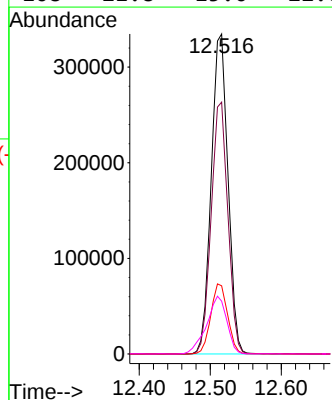
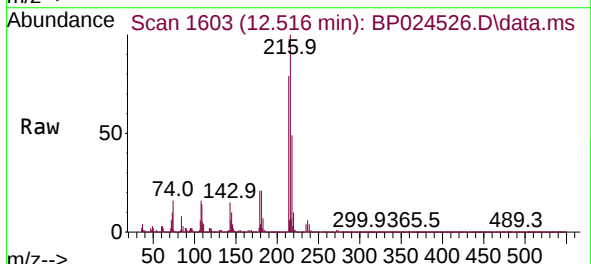
Instrument :
BNA_P
ClientSampleId :
MH-QMS

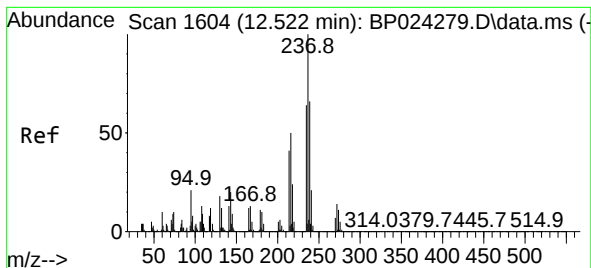
Tgt Ion:164 Resp: 410001
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.641 ng
RT: 12.516 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:216 Resp: 548437
Ion Ratio Lower Upper
216 100
214 78.7 62.6 93.8
179 22.0 17.2 25.8
108 21.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 190.640 ng

RT: 12.493 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

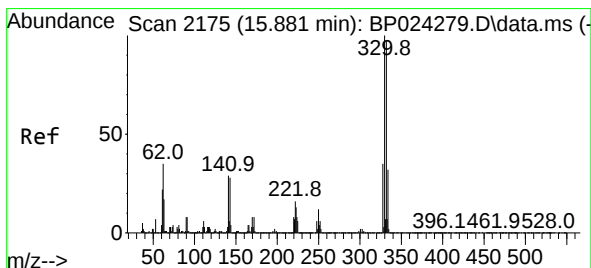
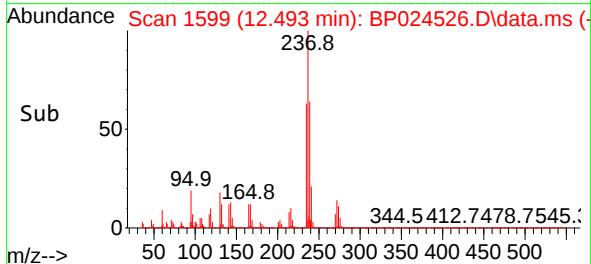
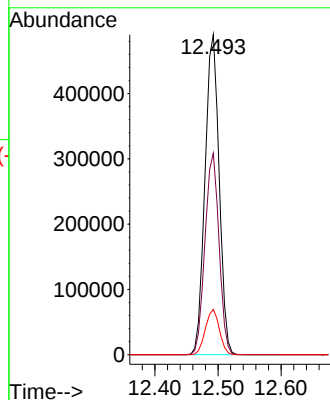
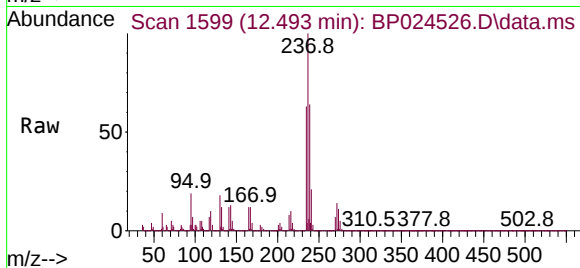
Tgt Ion:237 Resp: 760213

Ion Ratio Lower Upper

237 100

235 62.9 43.9 83.9

272 14.2 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 88.974 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

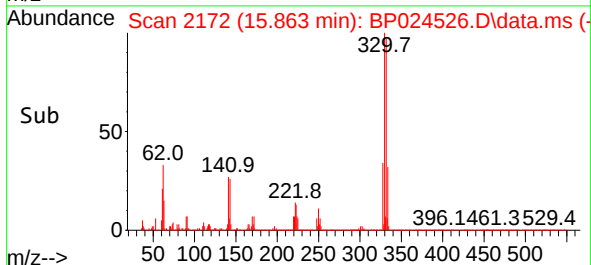
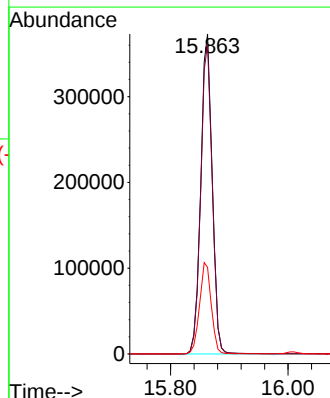
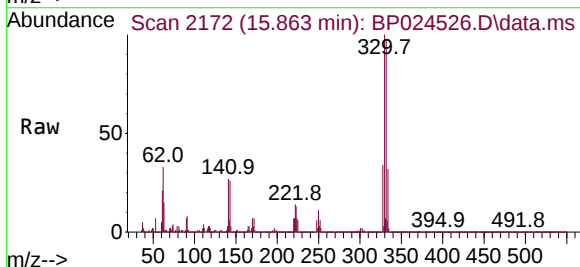
Tgt Ion:330 Resp: 504714

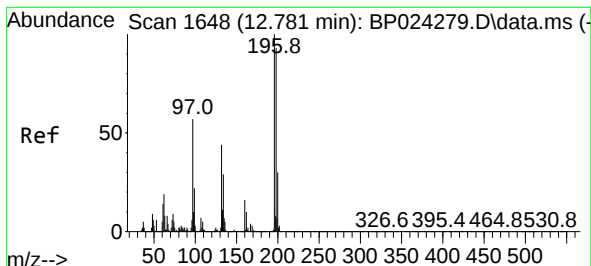
Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 29.1 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 52.785 ng

RT: 12.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

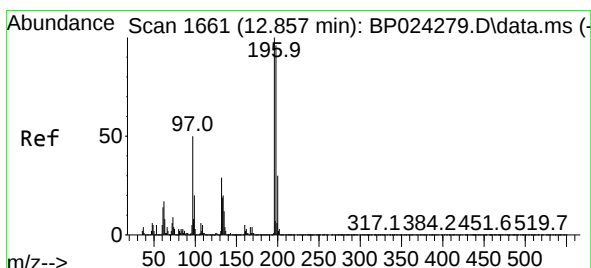
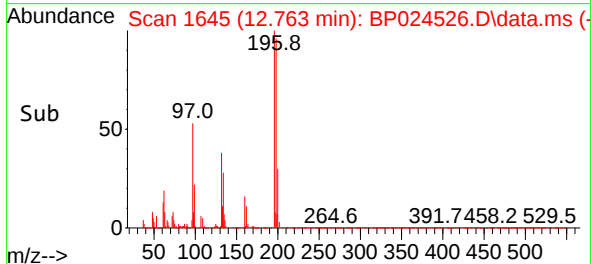
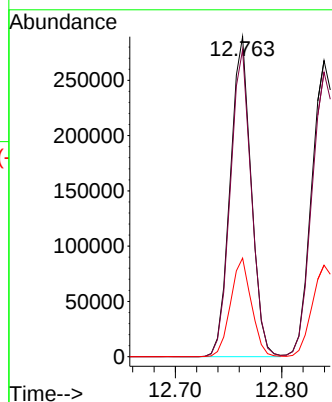
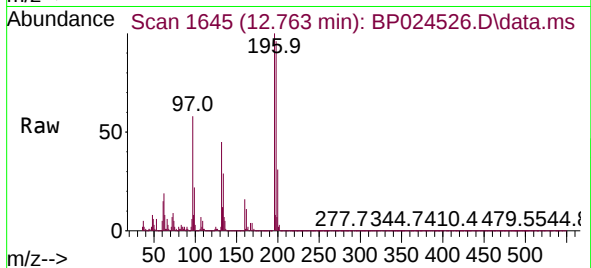
Tgt Ion:196 Resp: 395692

Ion Ratio Lower Upper

196 100

198 95.9 74.3 111.5

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 52.773 ng

RT: 12.840 min Scan# 1658

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Tgt Ion:196 Resp: 438075

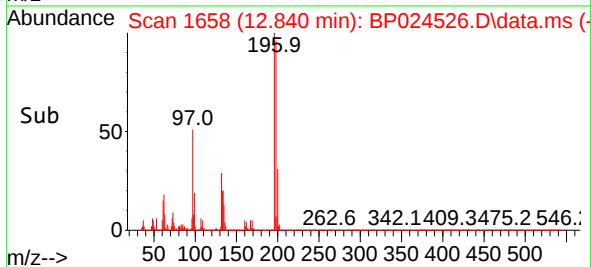
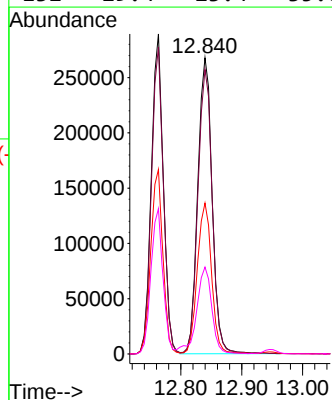
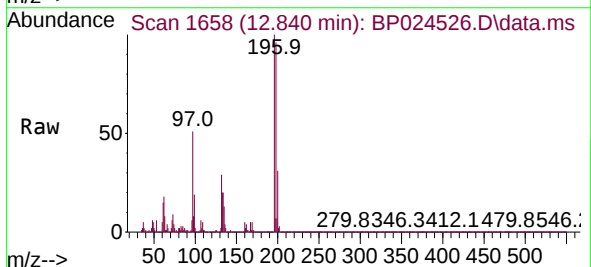
Ion Ratio Lower Upper

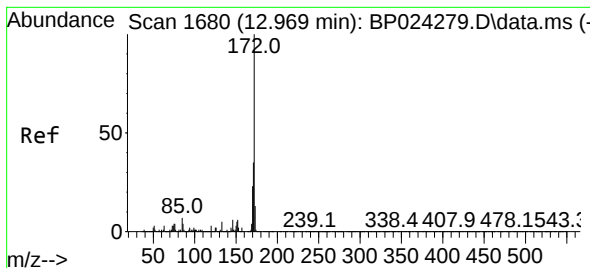
196 100

198 96.1 77.3 115.9

97 50.9 40.4 60.6

132 29.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 42.586 ng

RT: 12.951 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

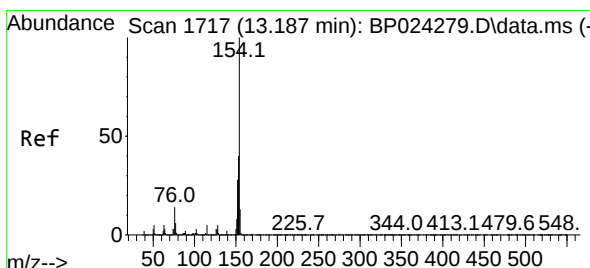
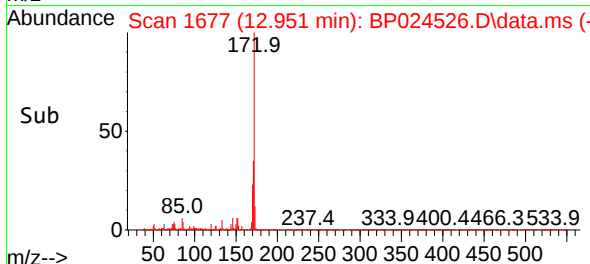
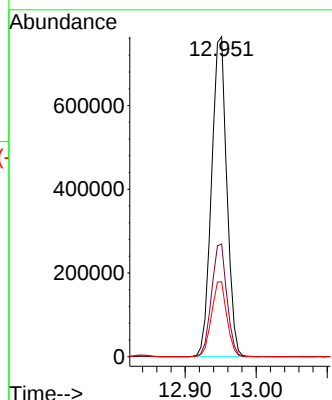
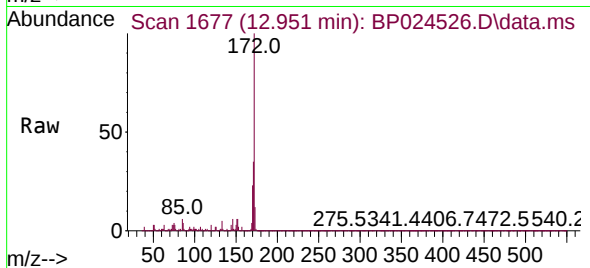
Tgt Ion:172 Resp: 1140364

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 46.240 ng

RT: 13.157 min Scan# 1712

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

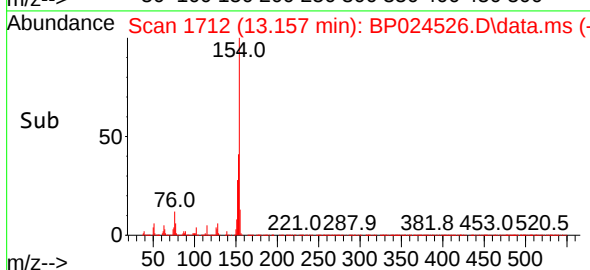
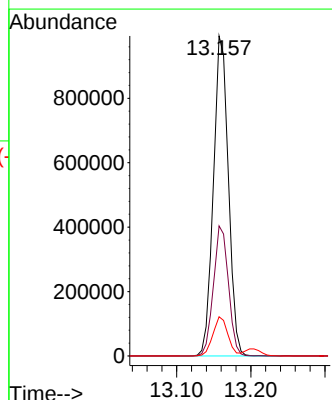
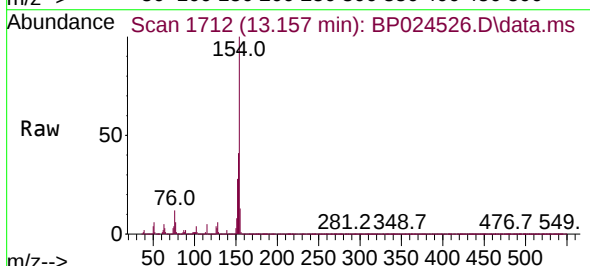
Tgt Ion:154 Resp: 1393542

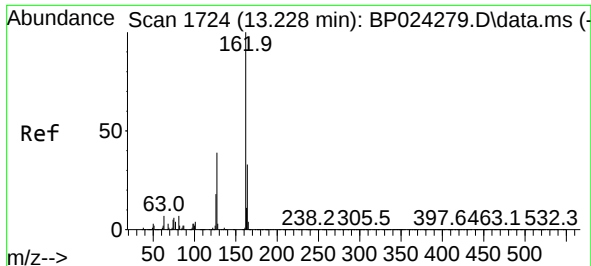
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 12.3 0.0 33.5

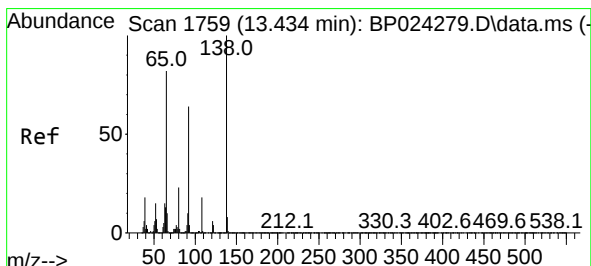
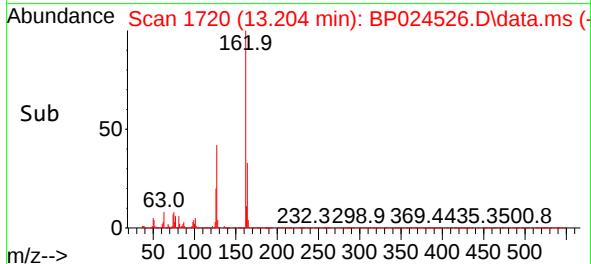
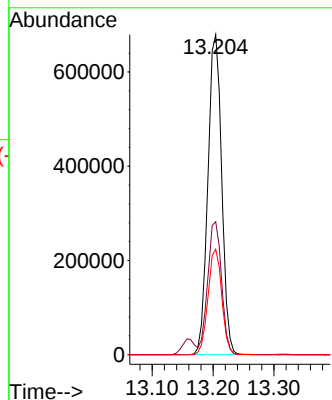
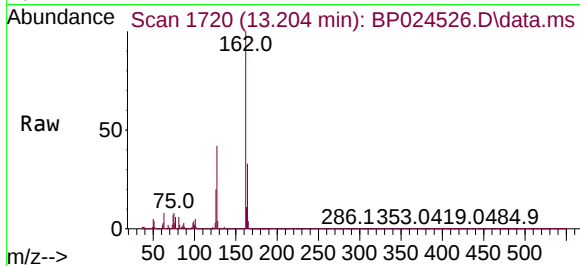




#47
2-Chloronaphthalene
Concen: 47.461 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

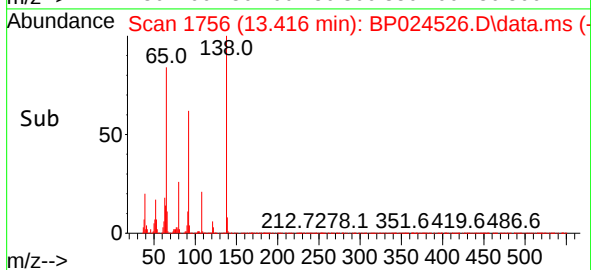
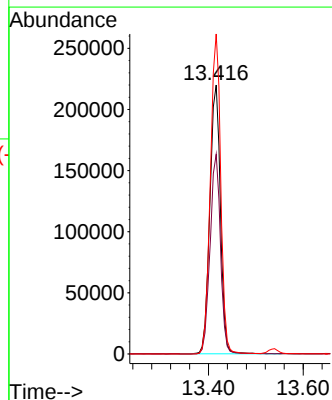
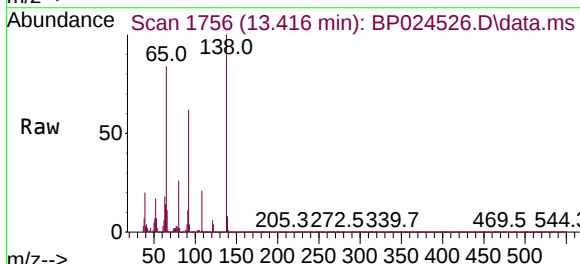
Instrument :
BNA_P
ClientSampleId :
MH-QMS

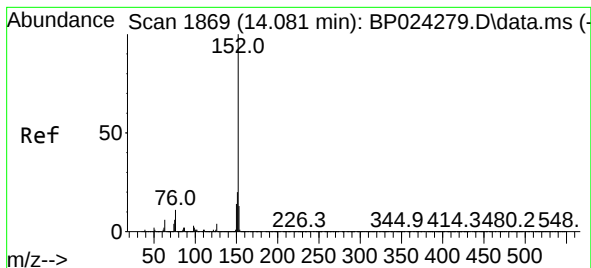
Tgt Ion:162 Resp: 1069013
Ion Ratio Lower Upper
162 100
127 41.5 31.9 47.9
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 53.750 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 65 Resp: 339597
Ion Ratio Lower Upper
65 100
92 74.3 62.3 93.5
138 119.0 97.2 145.8





#49

Acenaphthylene

Concen: 49.465 ng

RT: 14.057 min Scan# 1865

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

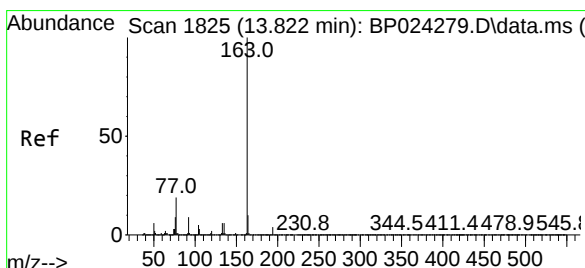
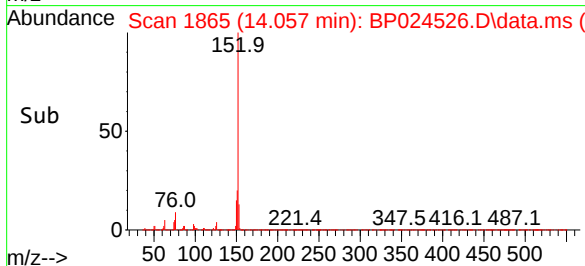
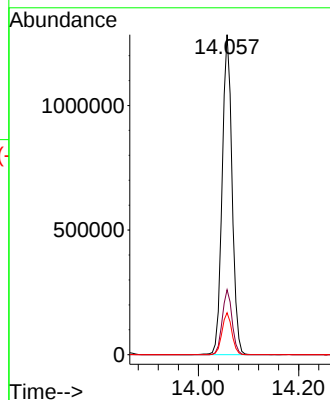
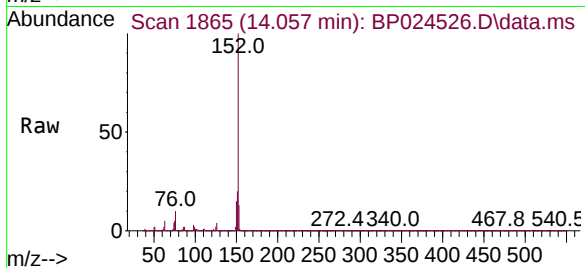
Tgt Ion:152 Resp: 1754153

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 48.121 ng

RT: 13.798 min Scan# 1821

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

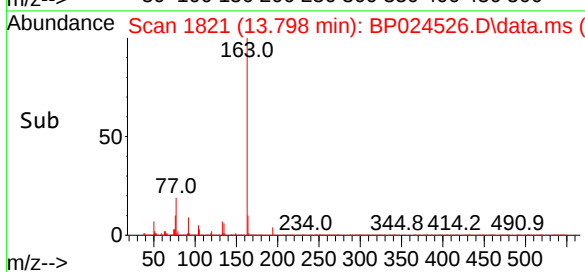
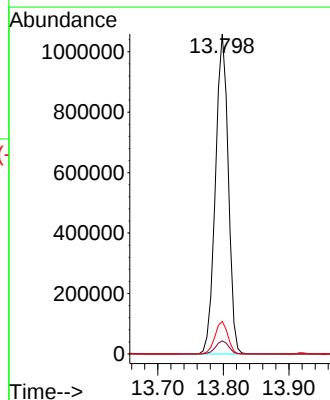
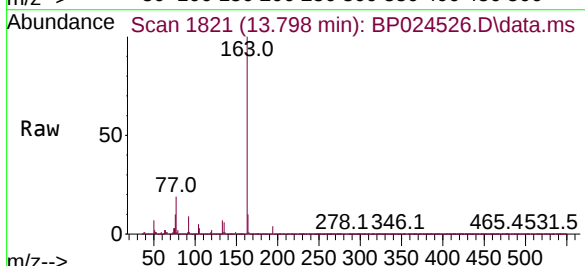
Tgt Ion:163 Resp: 1434778

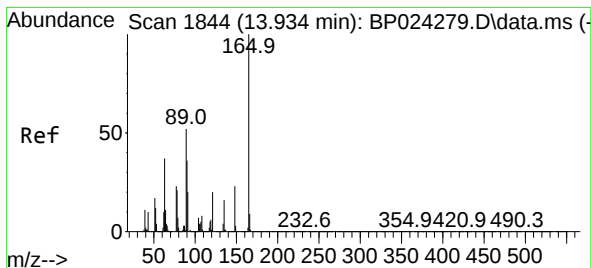
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.1 8.0 12.0

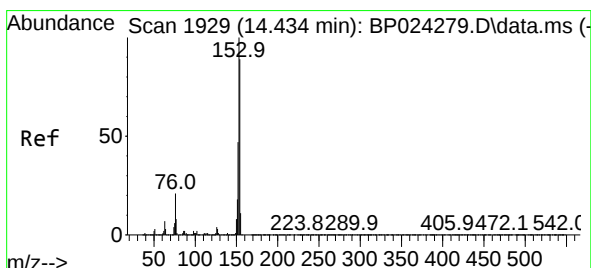
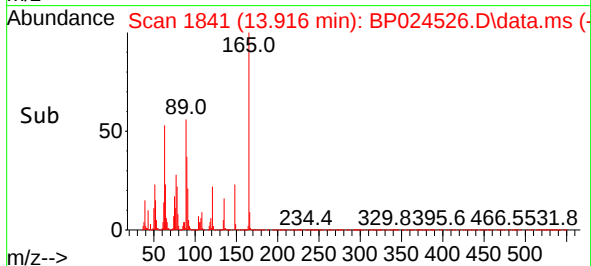
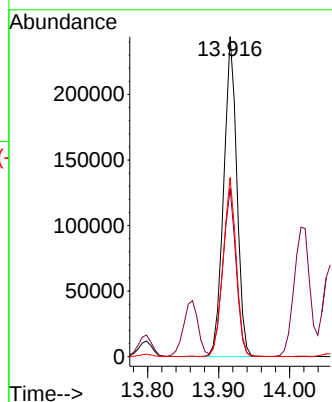
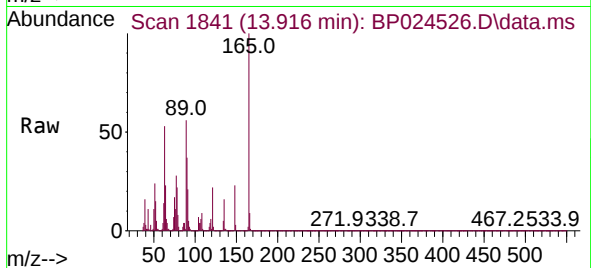




#51
2,6-Dinitrotoluene
Concen: 49.417 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

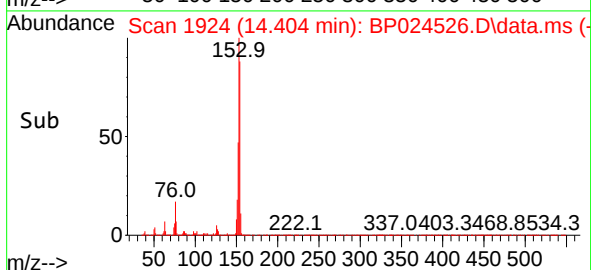
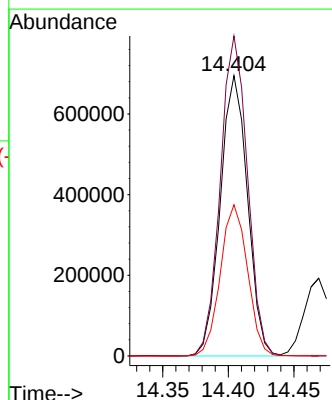
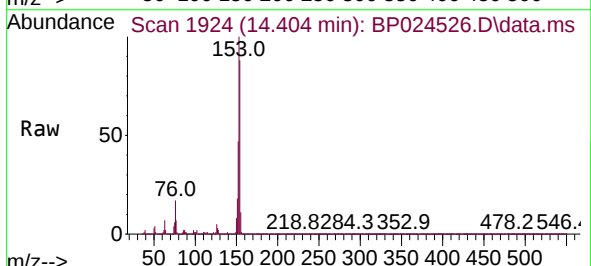
Instrument :
BNA_P
ClientSampleId :
MH-QMS

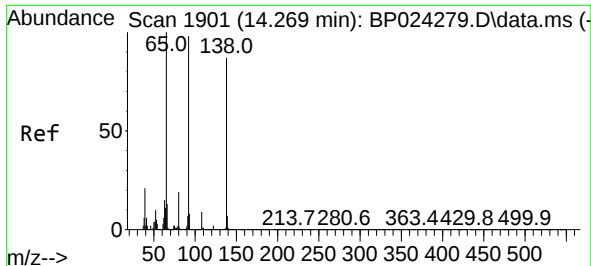
Tgt Ion:165 Resp: 312876
Ion Ratio Lower Upper
165 100
63 52.6 38.0 57.0
89 56.0 41.7 62.5



#52
Acenaphthene
Concen: 44.679 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:154 Resp: 1004485
Ion Ratio Lower Upper
154 100
153 114.2 89.8 134.6
152 53.9 42.6 63.8

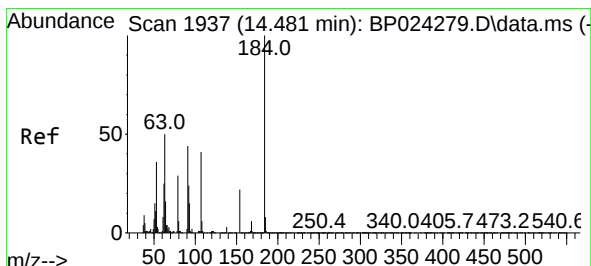
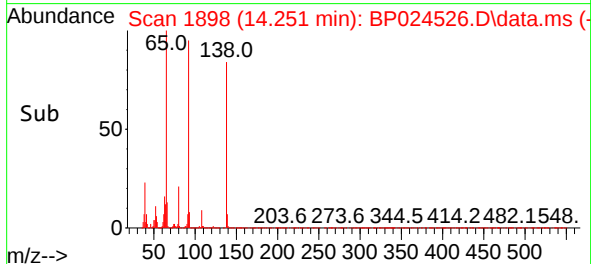
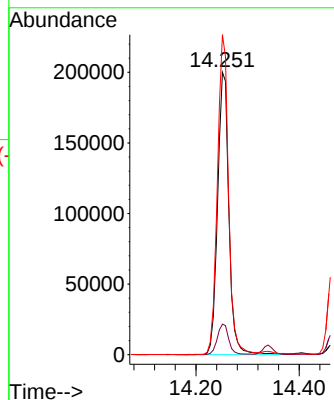
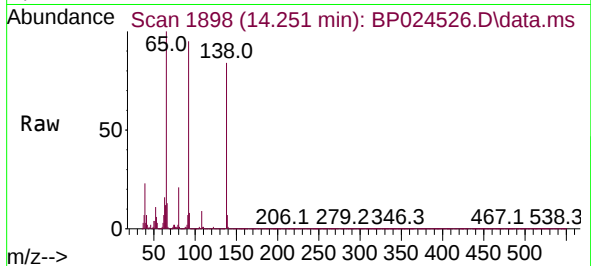




#53
3-Nitroaniline
Concen: 45.491 ng
RT: 14.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

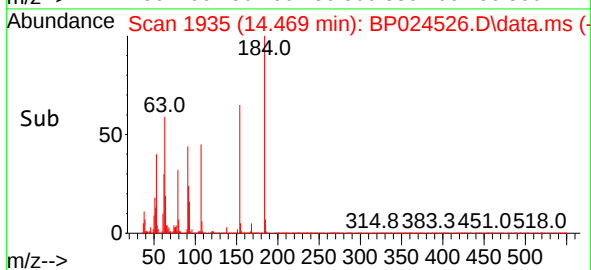
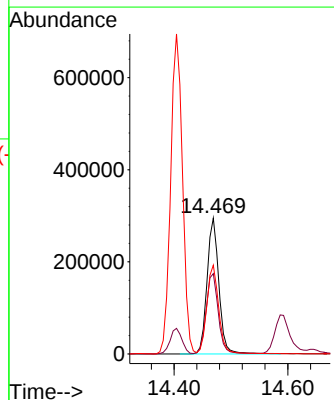
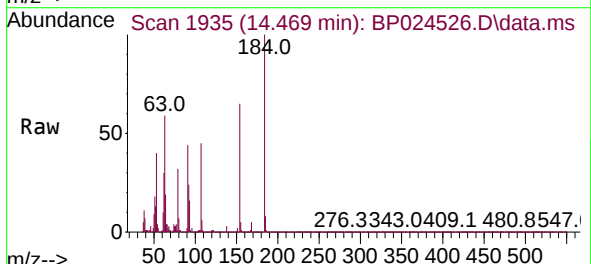
Instrument :
BNA_P
ClientSampleId :
MH-QMS

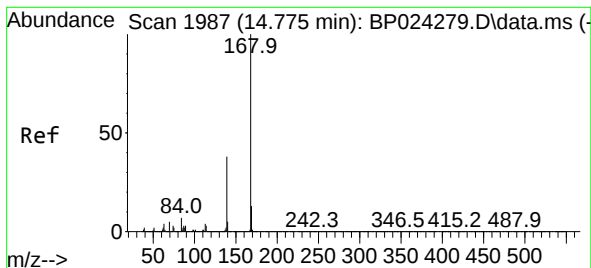
Tgt Ion:138 Resp: 302711
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 113.3 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 113.884 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:184 Resp: 424726
Ion Ratio Lower Upper
184 100
63 59.1 42.6 64.0
154 65.3 47.2 70.8





#55

Dibenzenofuran

Concen: 43.602 ng

RT: 14.745 min Scan# 1982

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

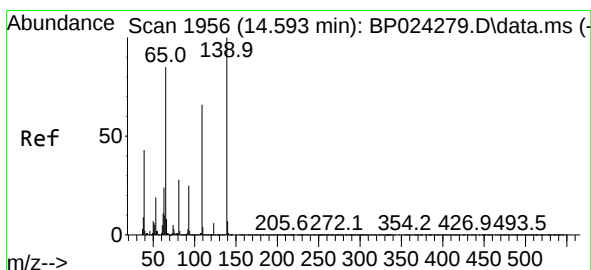
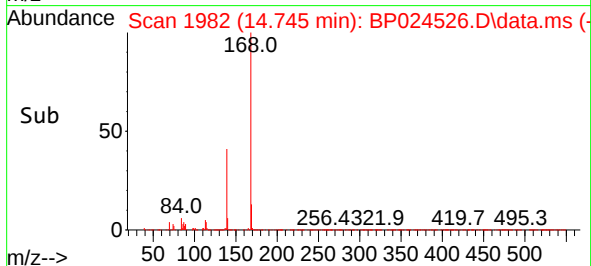
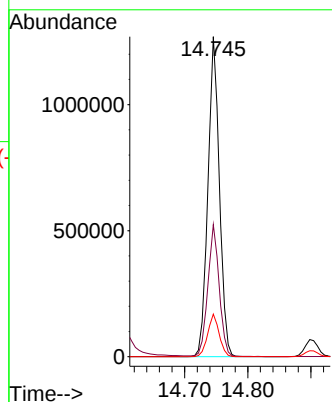
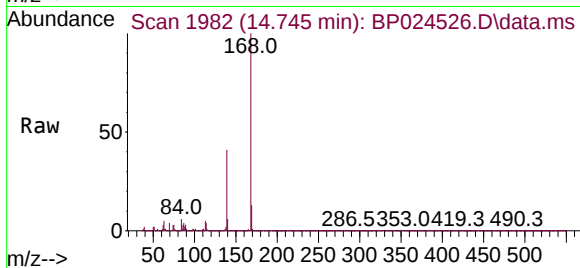
Tgt Ion:168 Resp: 1602317

Ion Ratio Lower Upper

168 100

139 41.2 30.3 45.5

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 104.431 ng

RT: 14.592 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

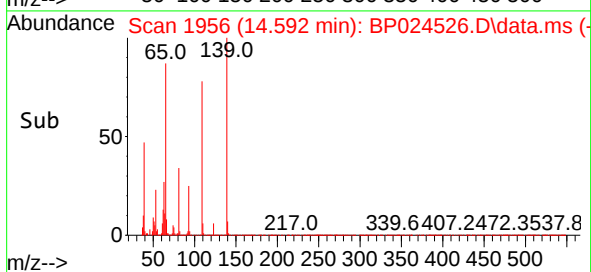
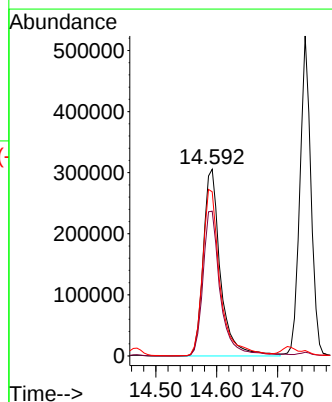
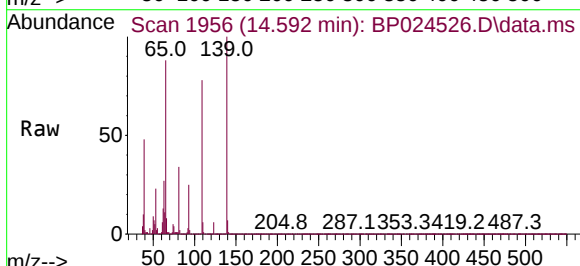
Tgt Ion:139 Resp: 600170

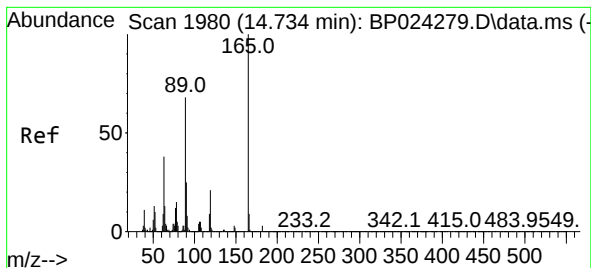
Ion Ratio Lower Upper

139 100

109 77.5 46.1 86.1

65 87.9 65.0 105.0





#57

2,4-Dinitrotoluene

Concen: 52.867 ng

RT: 14.722 min Scan# 1980

Delta R.T. 0.000 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

Tgt Ion:165 Resp: 456597

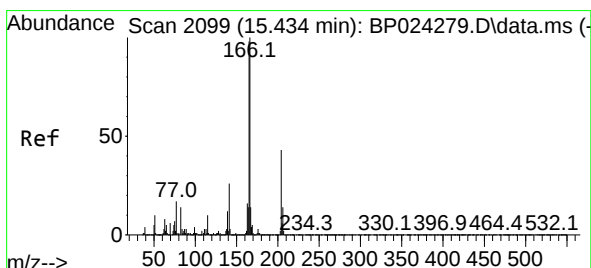
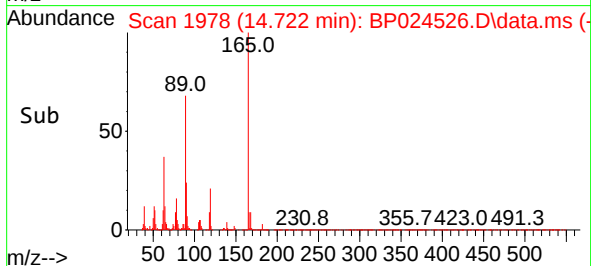
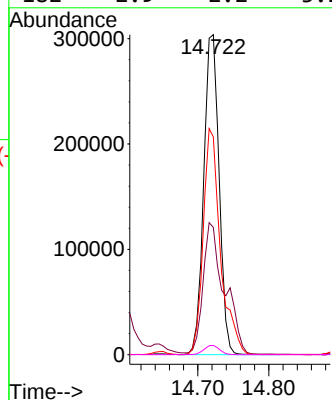
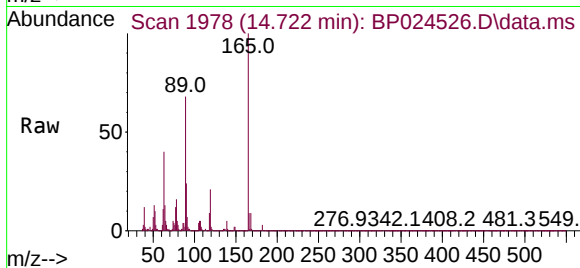
Ion Ratio Lower Upper

165 100

63 39.8 30.4 45.6

89 68.0 54.6 82.0

182 2.9 2.2 3.2



#58

Fluorene

Concen: 46.348 ng

RT: 15.410 min Scan# 2095

Delta R.T. -0.006 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

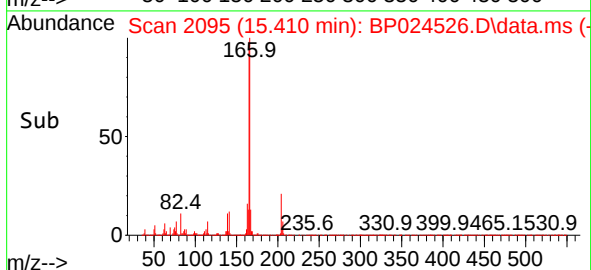
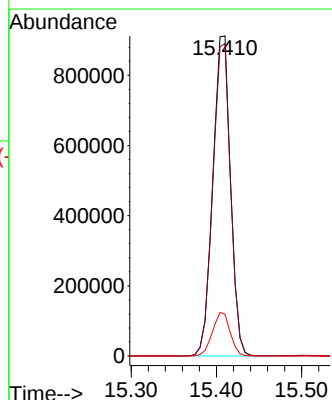
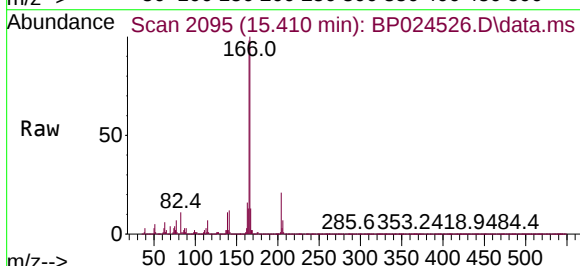
Tgt Ion:166 Resp: 1318534

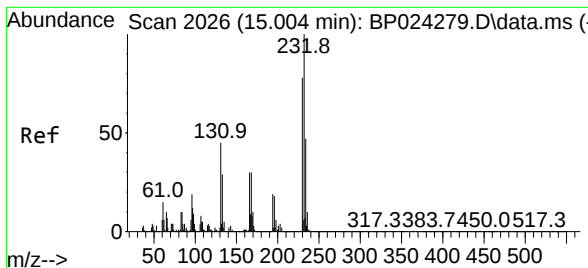
Ion Ratio Lower Upper

166 100

165 97.6 78.1 117.1

167 13.1 10.9 16.3

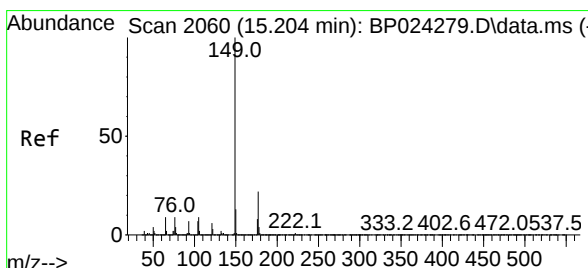
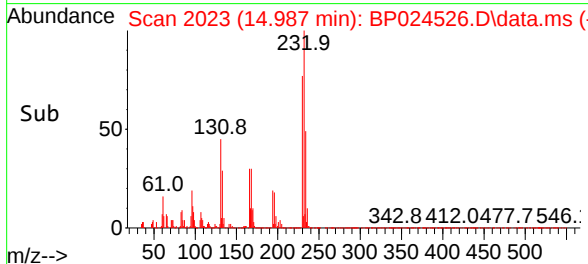
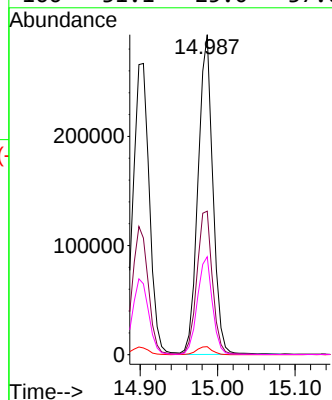
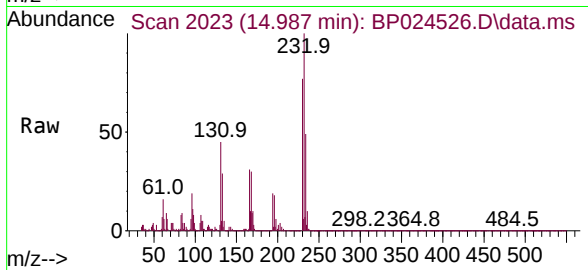




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.609 ng
RT: 14.987 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

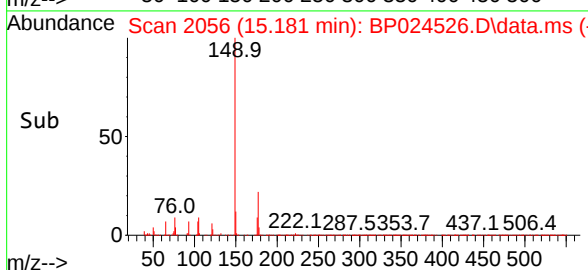
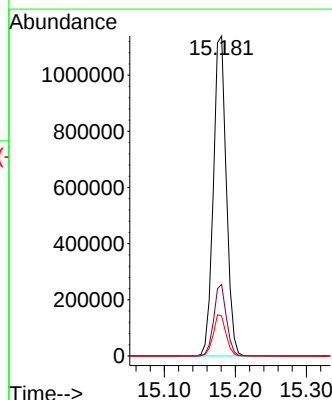
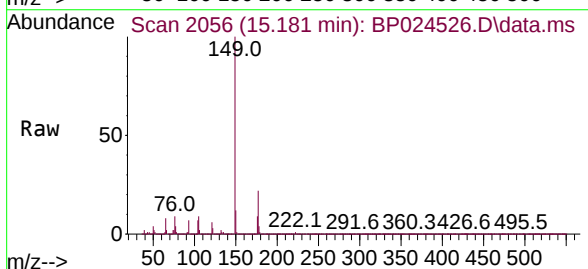
Instrument :
BNA_P
ClientSampleId :
MH-QMS

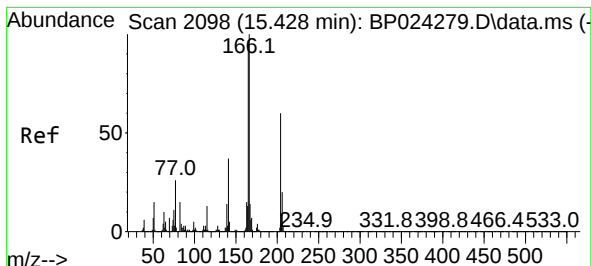
Tgt Ion:232 Resp: 387472
Ion Ratio Lower Upper
232 100
131 47.3 36.8 55.2
130 2.6 1.9 2.9
166 31.1 25.0 37.6



#60
Diethylphthalate
Concen: 46.886 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:149 Resp: 1440616
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.5 10.1 15.1

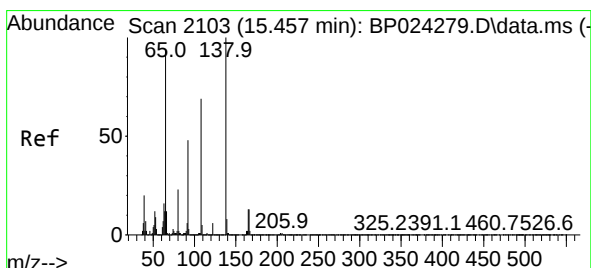
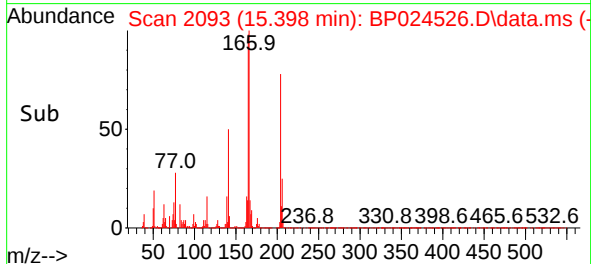
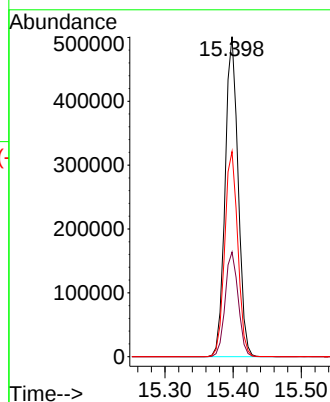
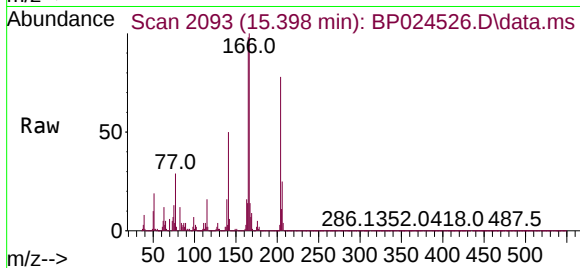




#61
4-Chlorophenyl-phenylether
Concen: 47.991 ng
RT: 15.398 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

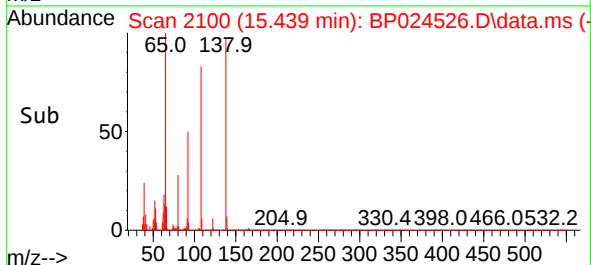
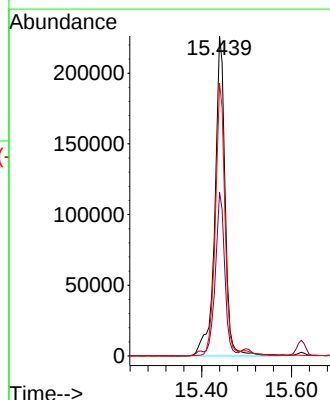
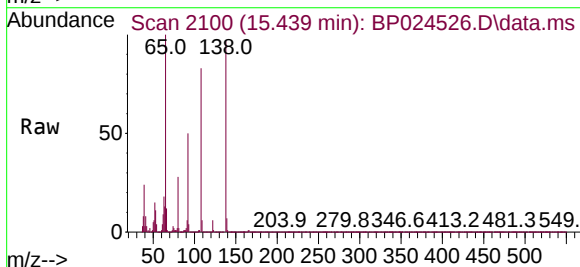
Instrument :
BNA_P
ClientSampleId :
MH-QMS

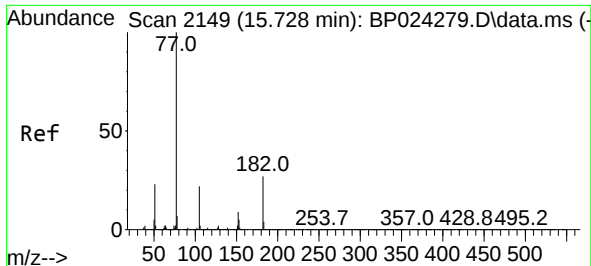
Tgt Ion:204 Resp: 662975
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.1 49.4 74.0



#62
4-Nitroaniline
Concen: 51.120 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:138 Resp: 360113
Ion Ratio Lower Upper
138 100
92 51.1 27.8 67.8
108 85.3 48.9 88.9



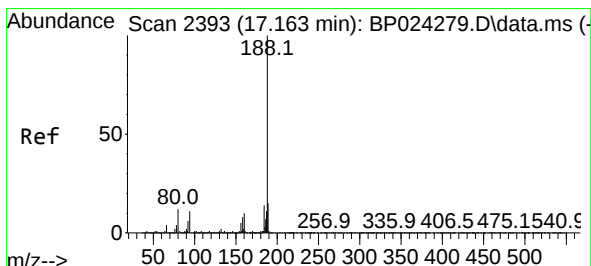
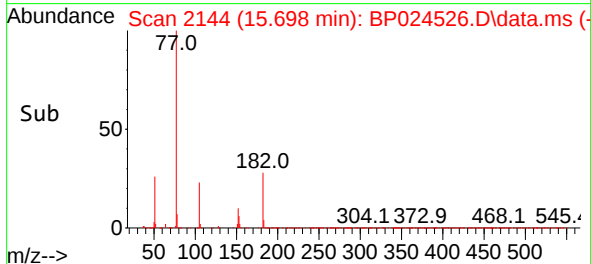
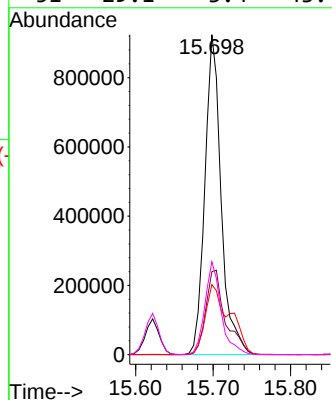
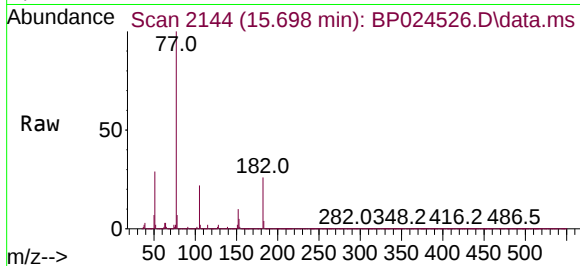


#63
Azobenzene
Concen: 47.735 ng
RT: 15.698 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Tgt Ion: 77 Resp: 1348067

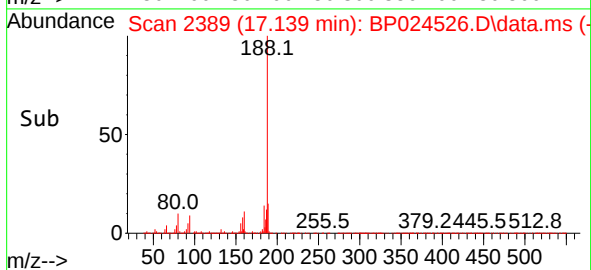
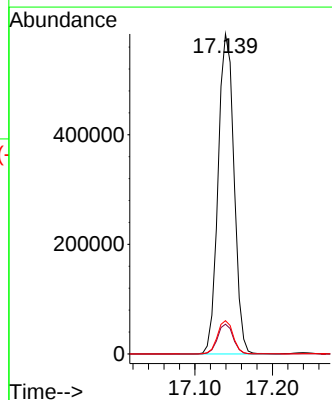
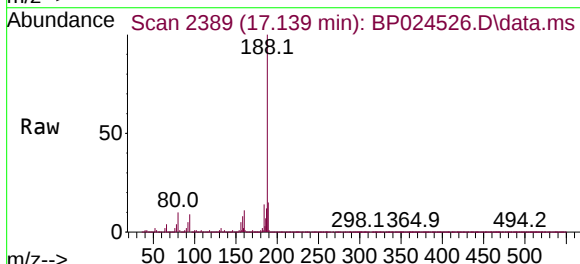
Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.3	47.3
105	21.9	2.3	42.3
51	29.1	3.4	43.4

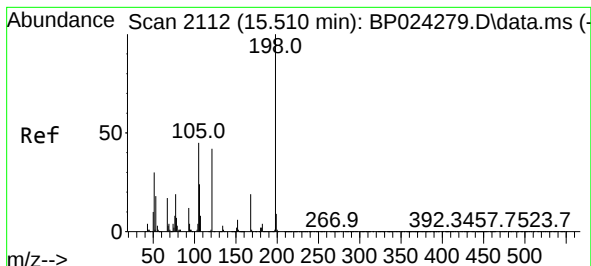


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion: 188 Resp: 833085

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	10.4	9.8	14.6

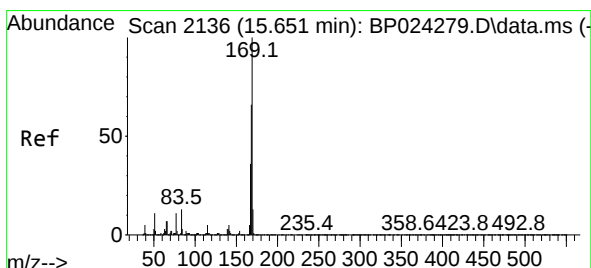
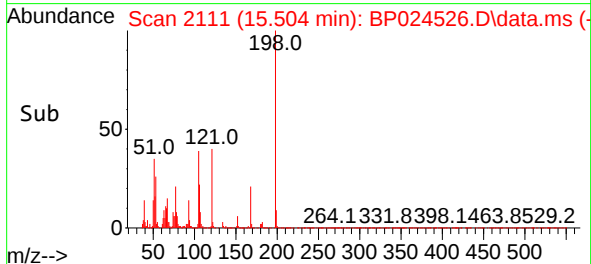
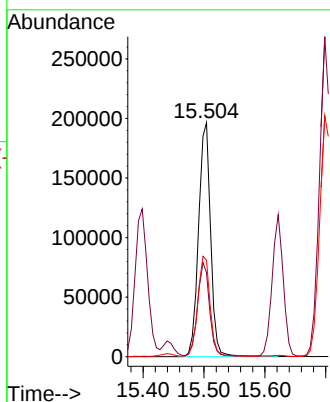
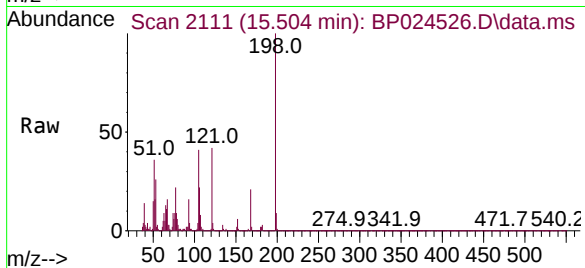




#65
4,6-Dinitro-2-methylphenol
Concen: 51.230 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

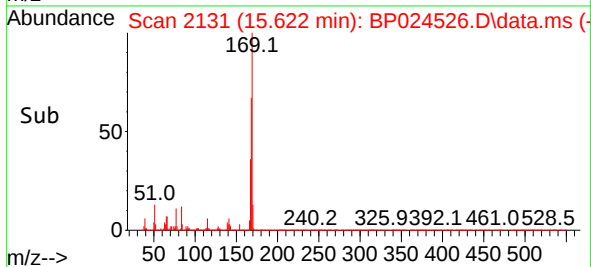
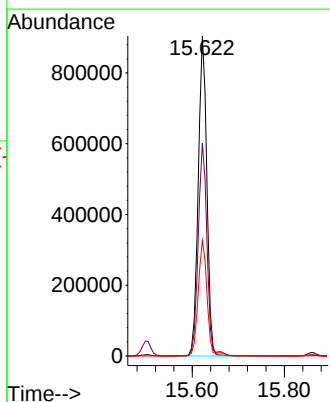
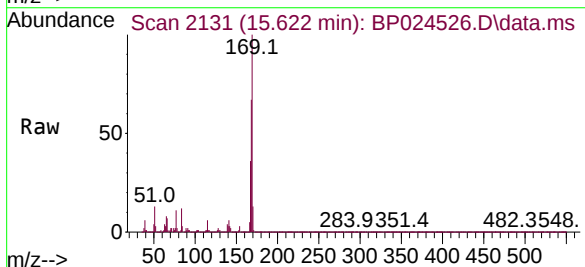
Instrument :
BNA_P
ClientSampleId :
MH-QMS

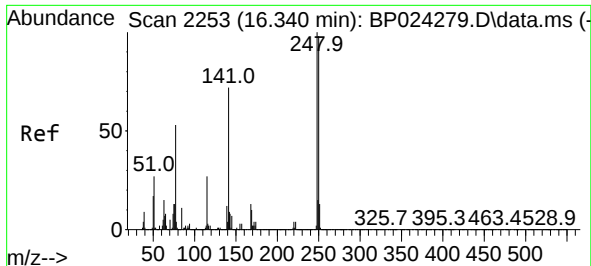
Tgt Ion:198 Resp: 269076
Ion Ratio Lower Upper
198 100
51 35.8 18.4 58.4
105 41.2 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 46.982 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:169 Resp: 1168234
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.1 28.9 43.3

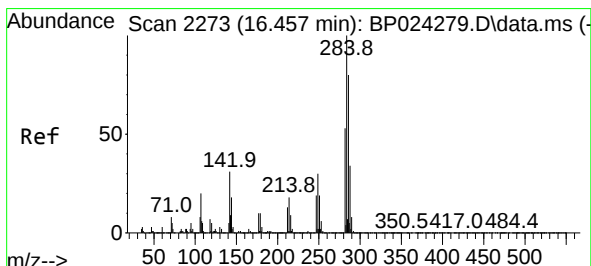
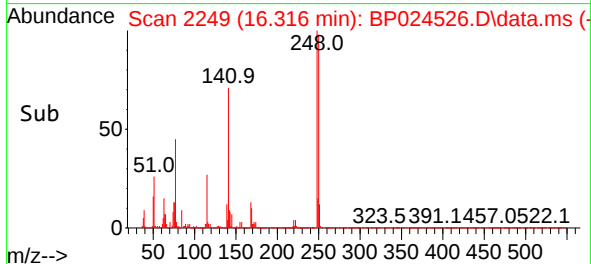
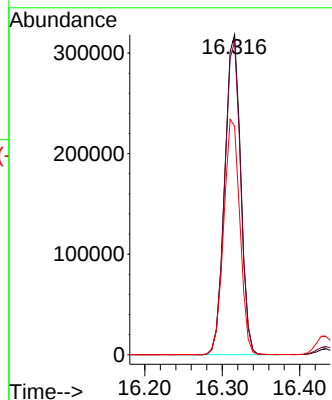
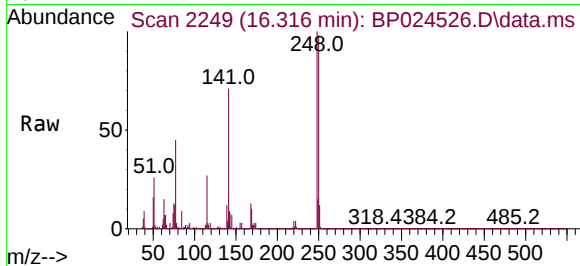




#67
4-Bromophenyl-phenylether
Concen: 49.926 ng
RT: 16.316 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

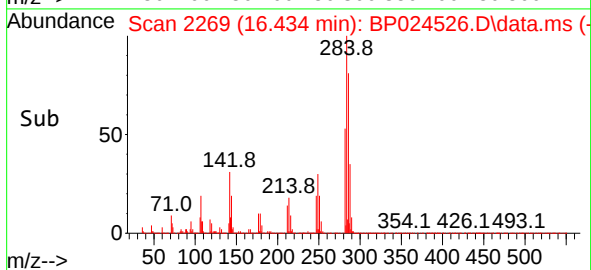
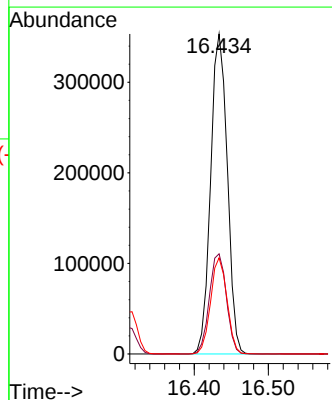
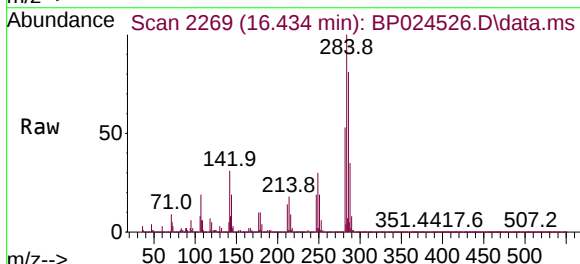
Instrument :
BNA_P
ClientSampleId :
MH-QMS

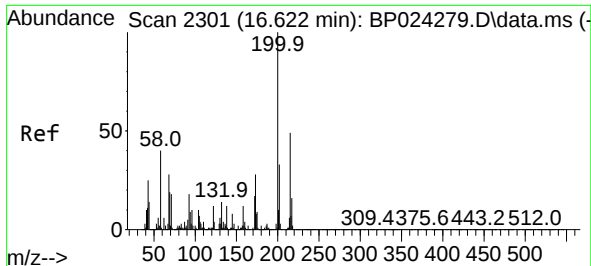
Tgt Ion:248 Resp: 454887
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 71.4 57.7 86.5



#68
Hexachlorobenzene
Concen: 50.898 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:284 Resp: 551058
Ion Ratio Lower Upper
284 100
142 31.3 24.6 37.0
249 30.1 23.8 35.6

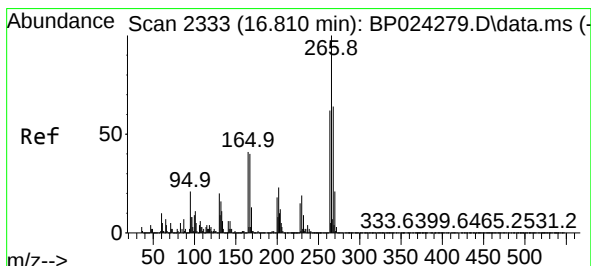
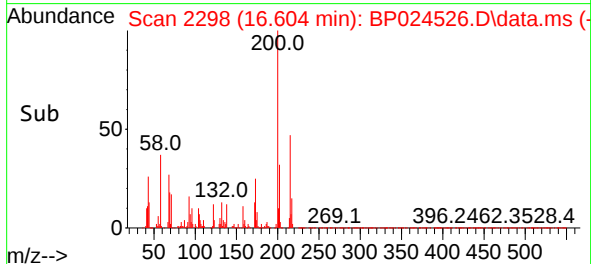
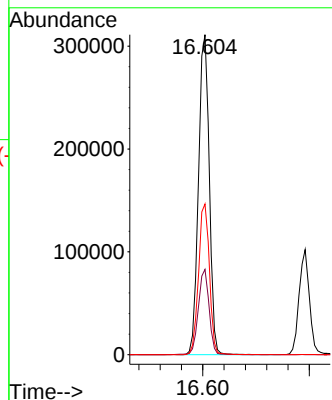
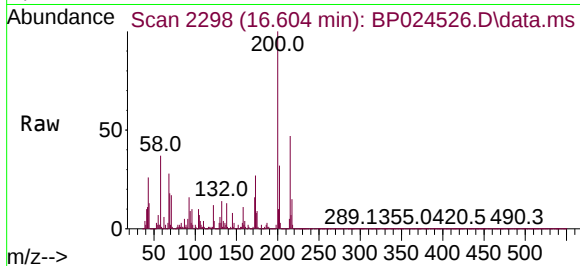




#69
 Atrazine
 Concen: 68.813 ng
 RT: 16.604 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

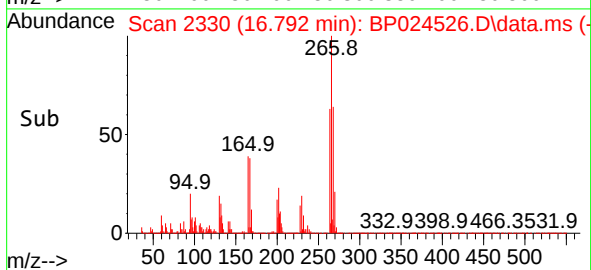
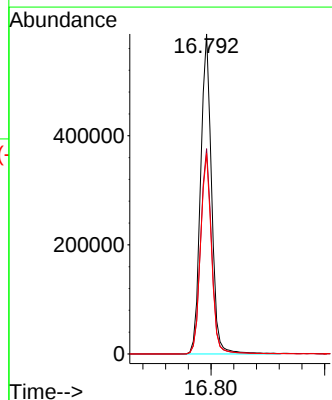
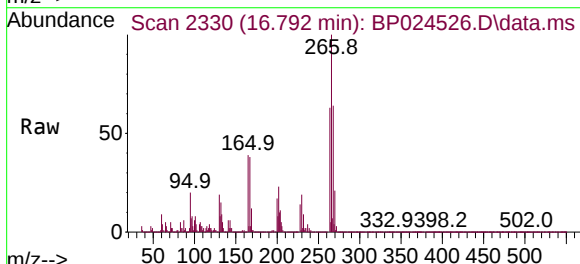
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

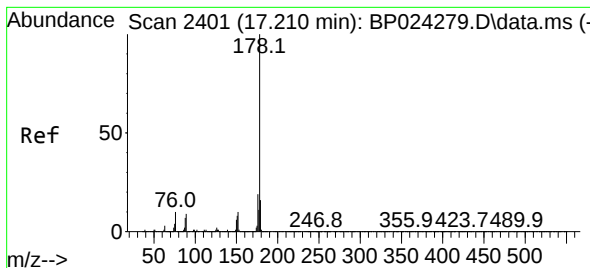
Tgt Ion:200 Resp: 435800
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.5 47.5
 215 47.1 28.8 68.8



#70
 Pentachlorophenol
 Concen: 104.149 ng
 RT: 16.792 min Scan# 2330
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Tgt Ion:266 Resp: 786639
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 62.6 49.8 74.6





#71

Phenanthrene

Concen: 45.831 ng

RT: 17.181 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

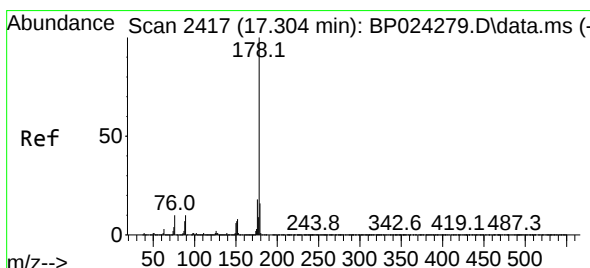
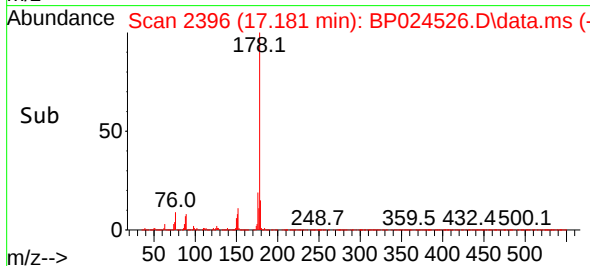
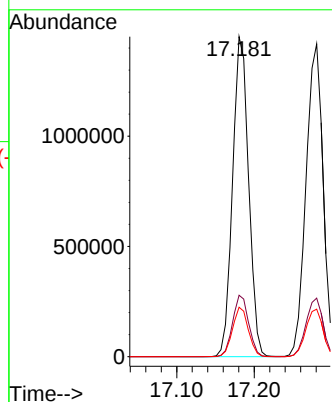
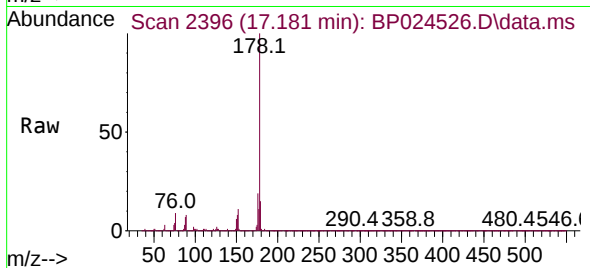
Tgt Ion:178 Resp: 2082907

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.5 18.7



#72

Anthracene

Concen: 49.581 ng

RT: 17.281 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

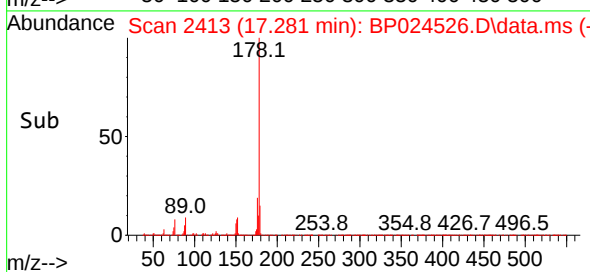
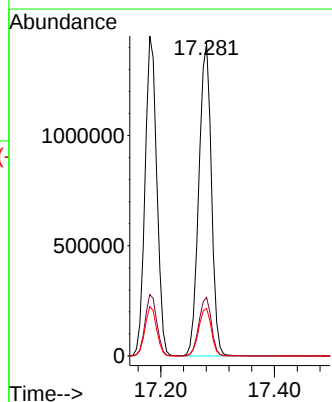
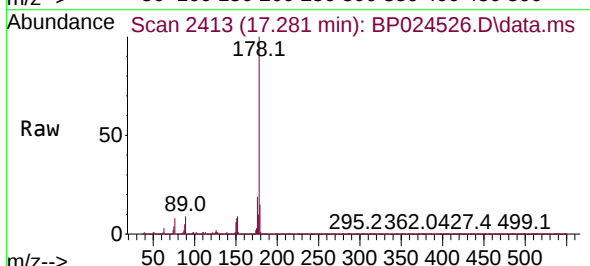
Tgt Ion:178 Resp: 2171719

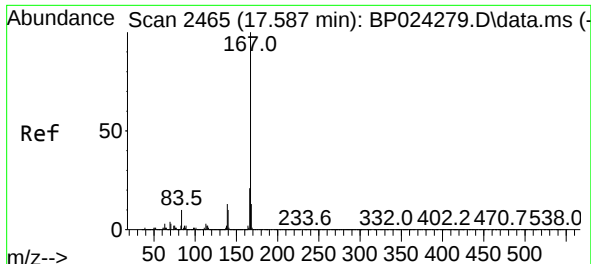
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.2 12.4 18.6

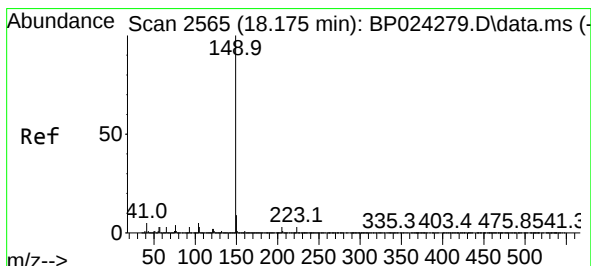
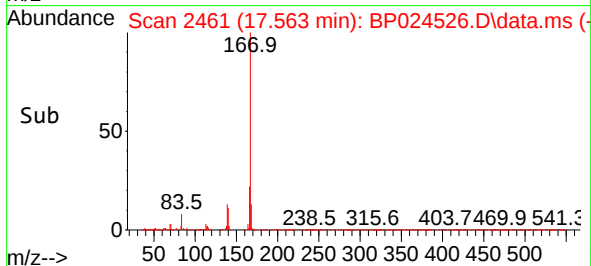
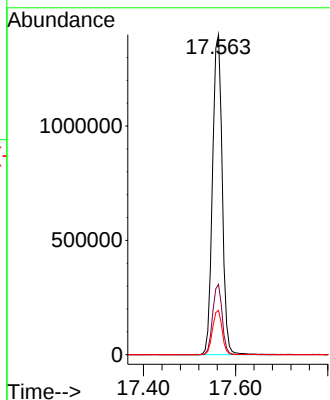
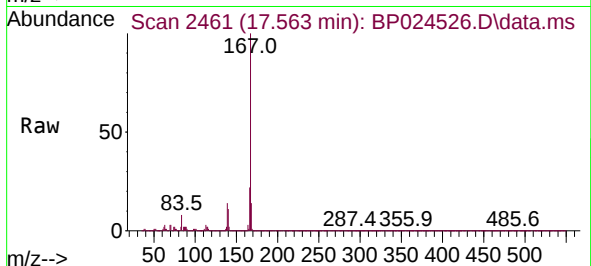




#73
 Carbazole
 Concen: 47.678 ng
 RT: 17.563 min Scan# 2461
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

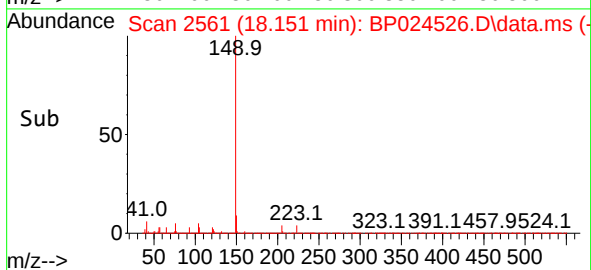
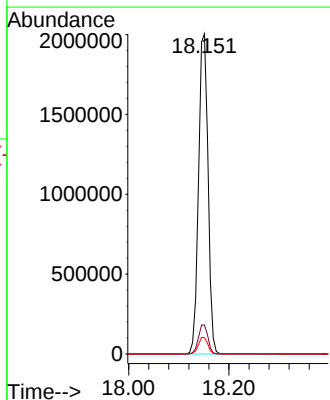
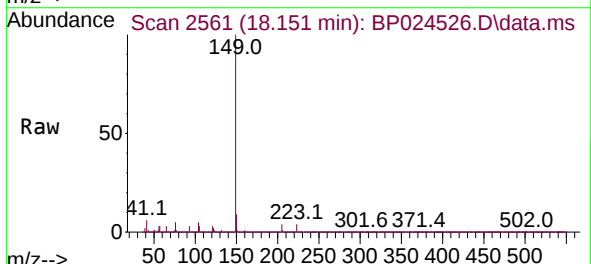
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

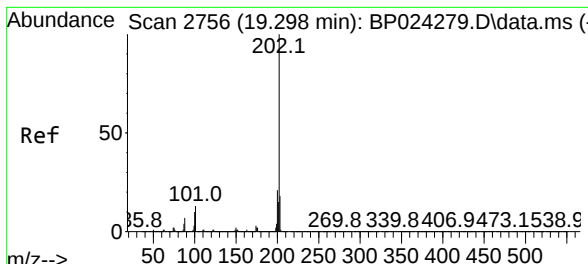
Tgt Ion:167 Resp: 2040508
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 13.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.098 ng
 RT: 18.151 min Scan# 2561
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Tgt Ion:149 Resp: 2617916
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 3.9 5.9



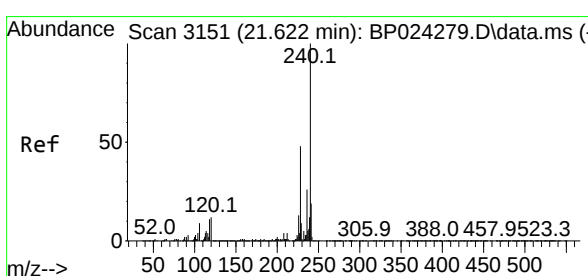
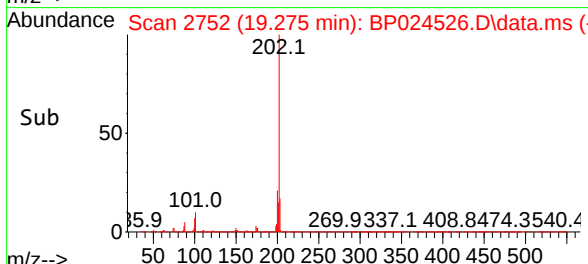
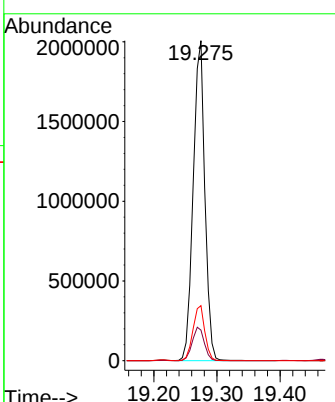
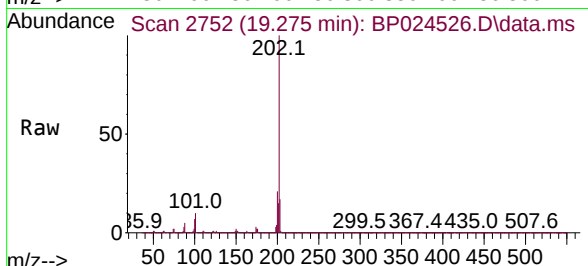


#75
 Fluoranthene
 Concen: 47.468 ng
 RT: 19.275 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

Tgt Ion: 202 Resp: 2565738

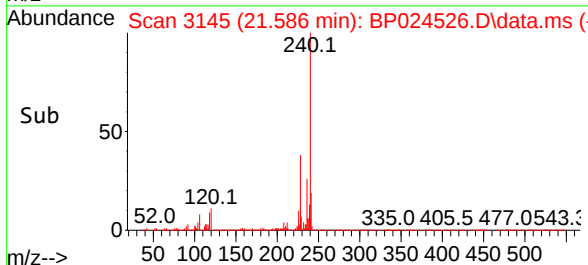
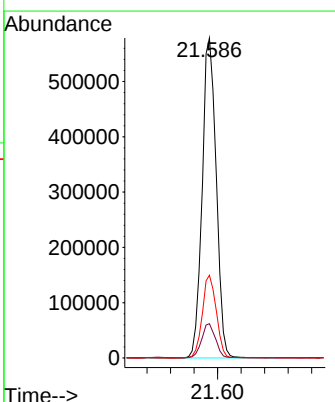
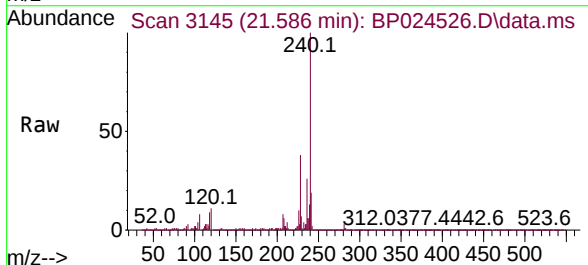
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	33.2
203	17.2	0.0	37.7

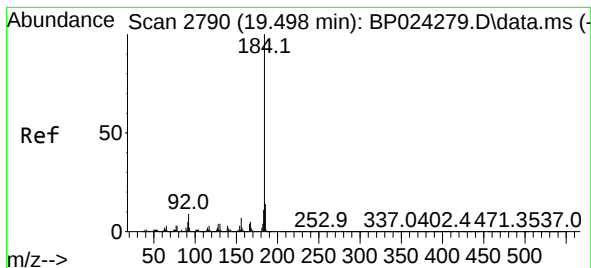


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.586 min Scan# 3145
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Tgt Ion: 240 Resp: 956909

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.8	14.8
236	25.9	20.9	31.3





#77

Benzidine

Concen: 126.951 ng

RT: 19.469 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

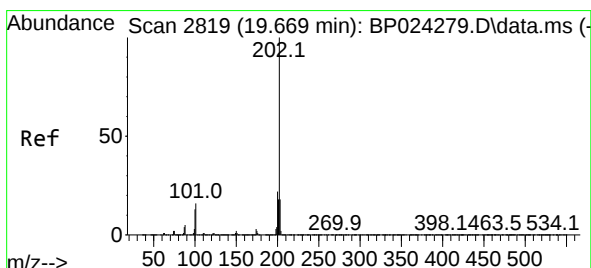
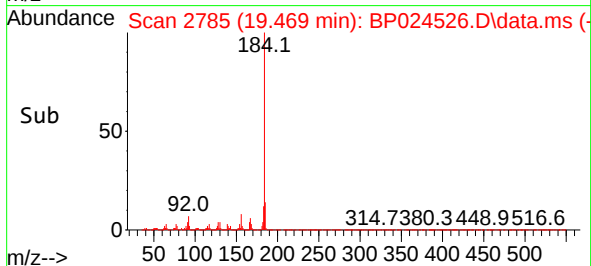
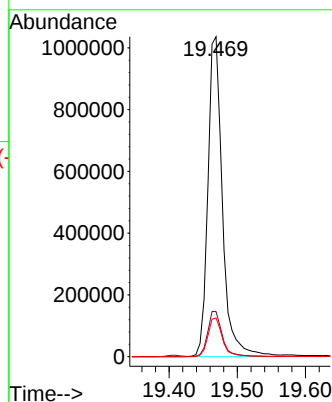
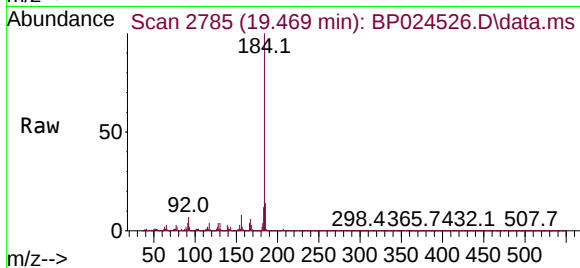
Tgt Ion:184 Resp: 1539867

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 12.1 9.2 13.8



#78

Pyrene

Concen: 43.378 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

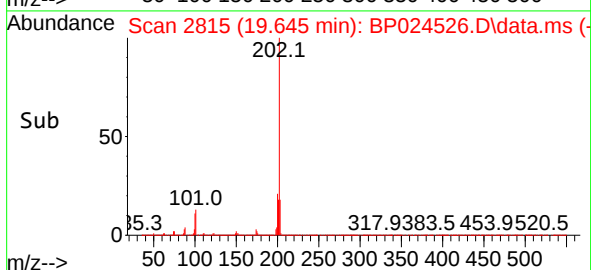
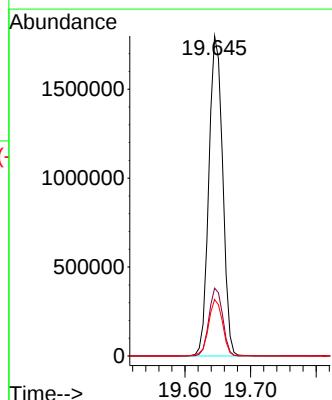
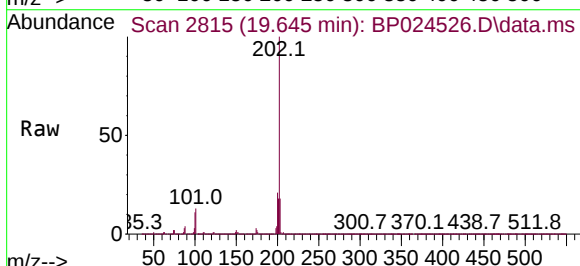
Tgt Ion:202 Resp: 2637930

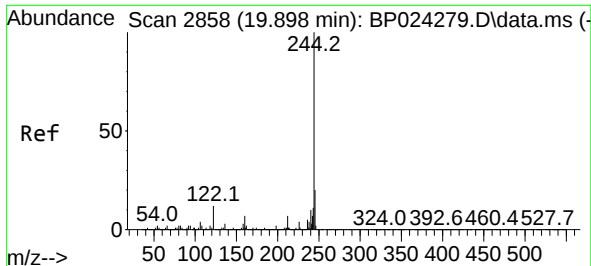
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.7 14.4 21.6

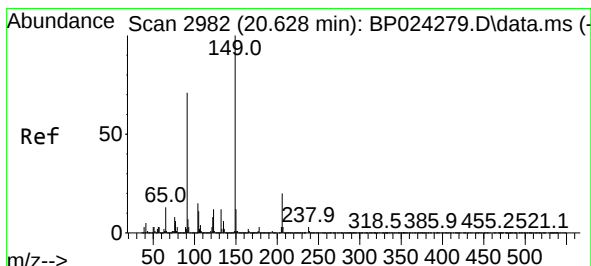
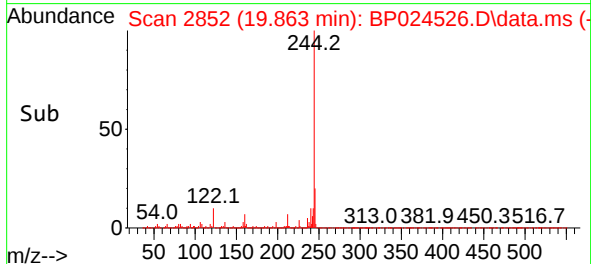
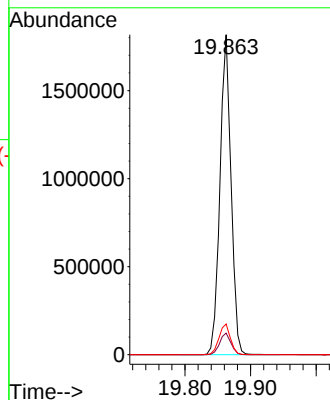
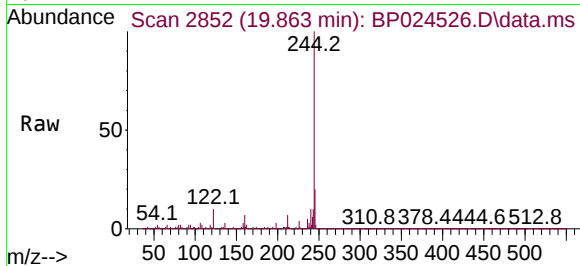




#79
 Terphenyl-d14
 Concen: 44.588 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

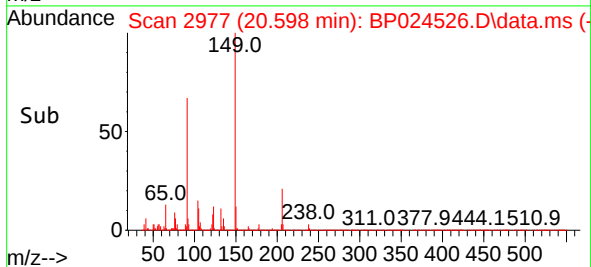
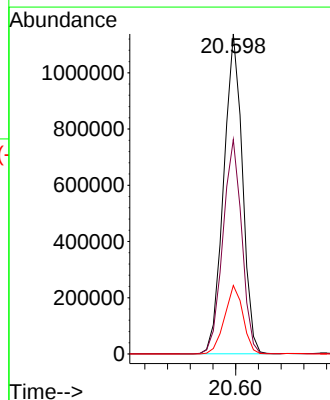
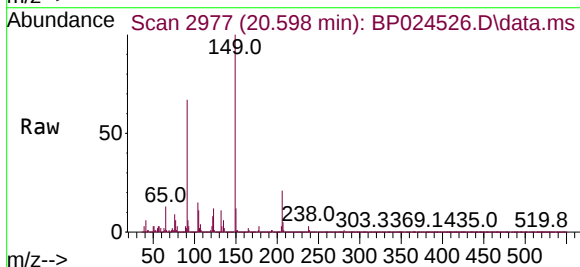
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

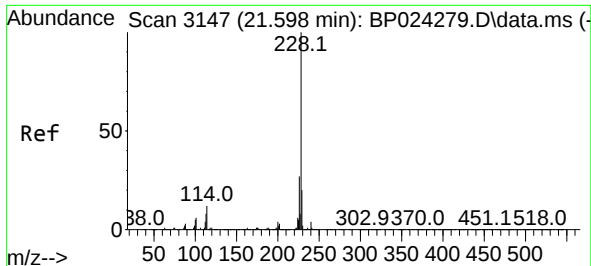
Tgt Ion:244 Resp: 2116795
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.6 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 50.086 ng
 RT: 20.598 min Scan# 2977
 Delta R.T. -0.006 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Tgt Ion:149 Resp: 1304609
 Ion Ratio Lower Upper
 149 100
 91 67.0 56.4 84.6
 206 21.4 16.3 24.5

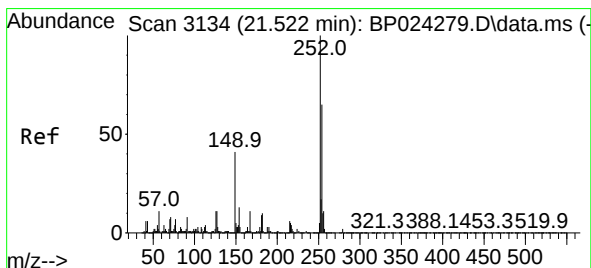
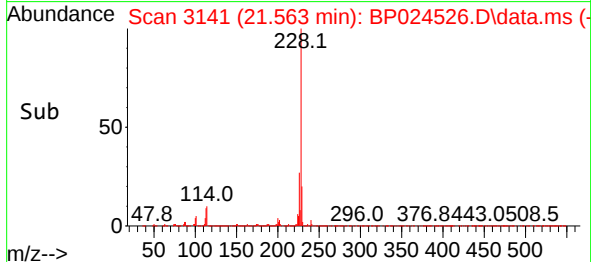
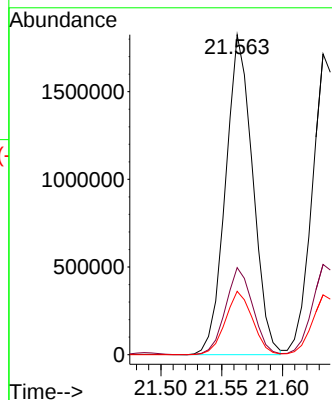
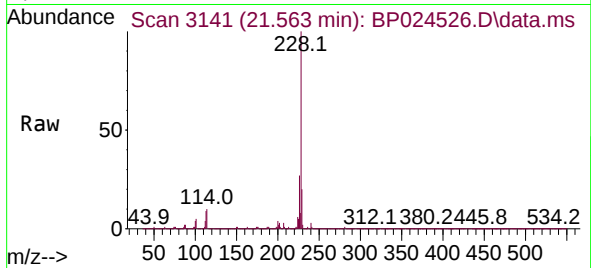




#81
Benzo(a)anthracene
Concen: 47.600 ng
RT: 21.563 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

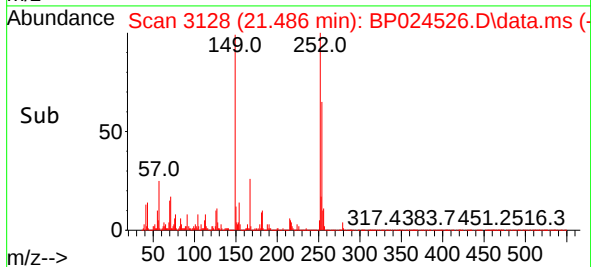
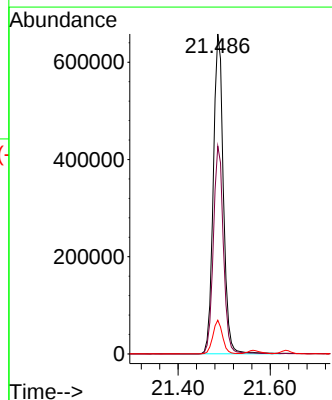
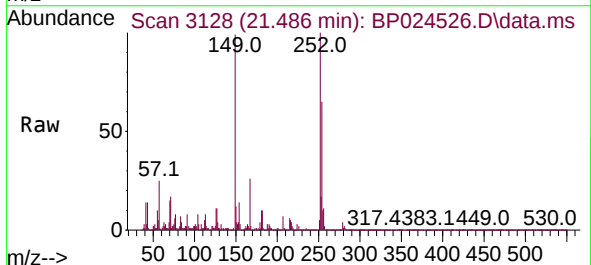
Instrument :
BNA_P
ClientSampleId :
MH-QMS

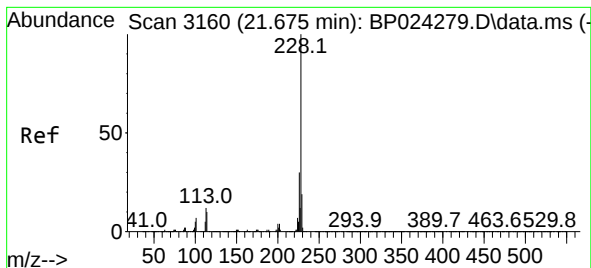
Tgt Ion:228 Resp: 2831162
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 47.849 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:252 Resp: 998886
Ion Ratio Lower Upper
252 100
254 65.0 51.7 77.5
126 10.5 8.8 13.2





#83

Chrysene

Concen: 46.046 ng

RT: 21.633 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

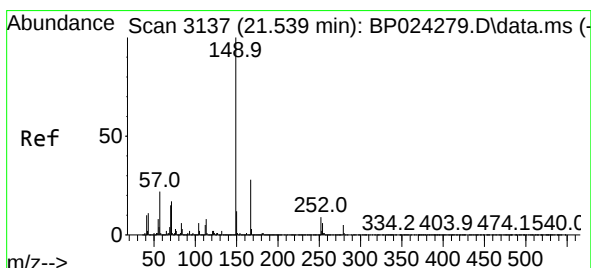
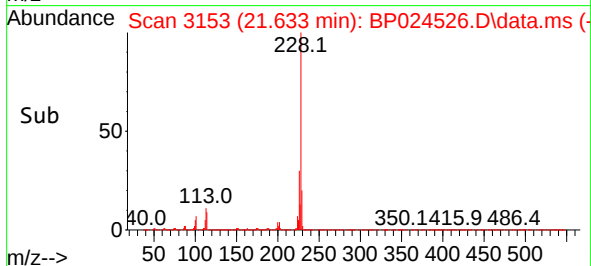
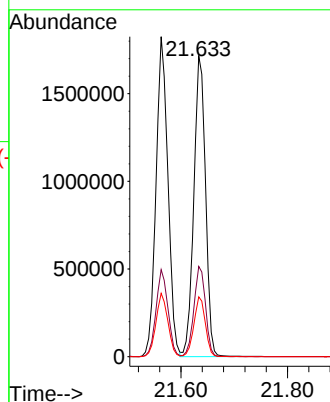
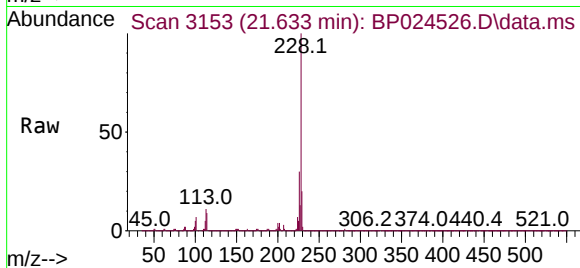
Tgt Ion:228 Resp: 2623817

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.729 ng

RT: 21.498 min Scan# 3130

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

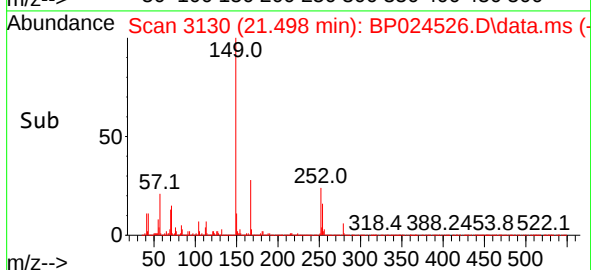
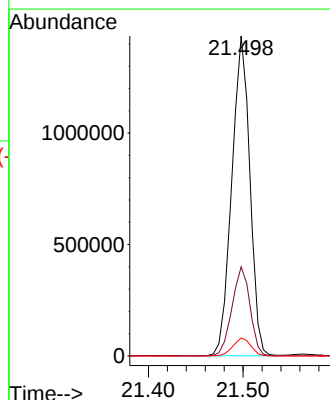
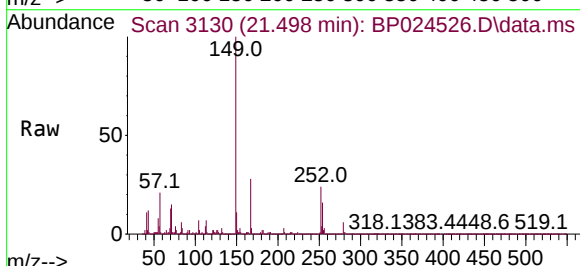
Tgt Ion:149 Resp: 1898876

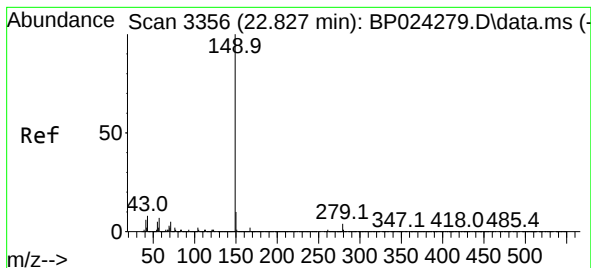
Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

279 5.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 53.718 ng

RT: 22.768 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

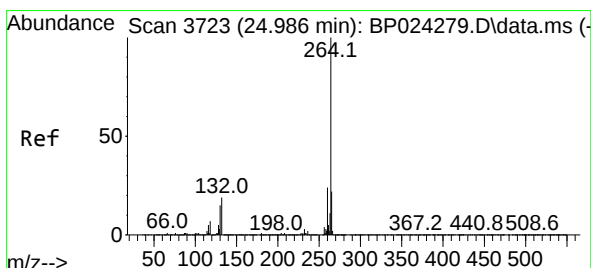
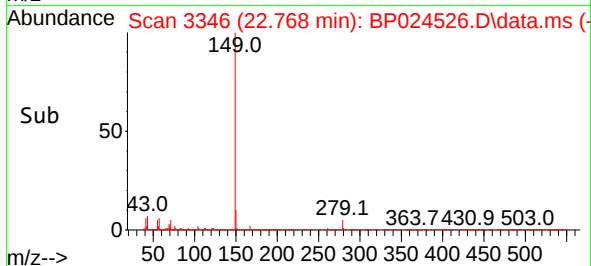
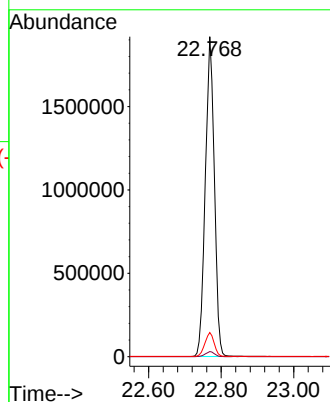
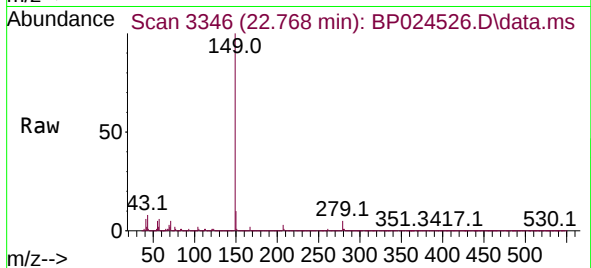
Tgt Ion:149 Resp: 3334656

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.910 min Scan# 3710

Delta R.T. -0.023 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

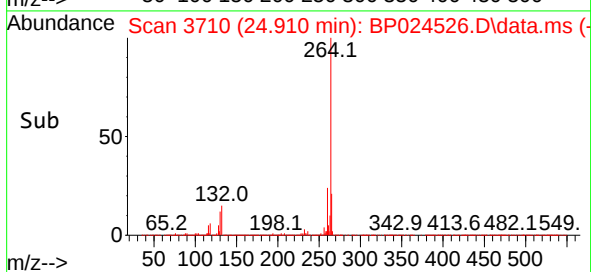
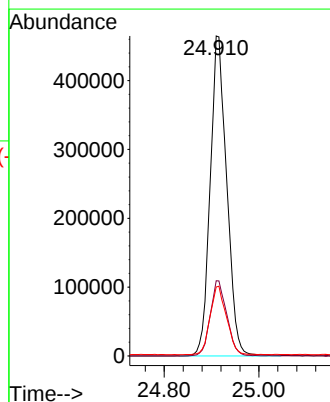
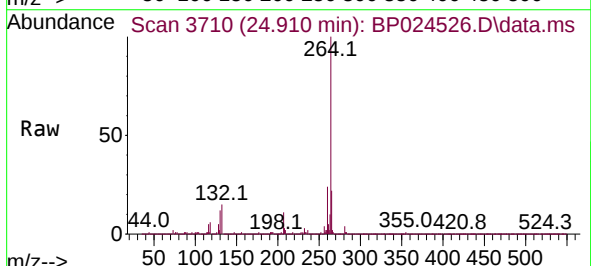
Tgt Ion:264 Resp: 1128205

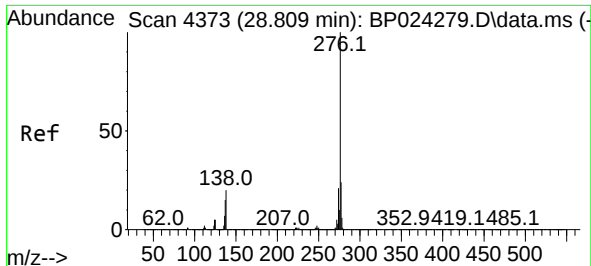
Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.6 17.8 26.6

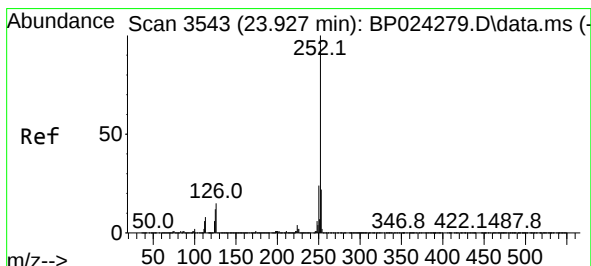
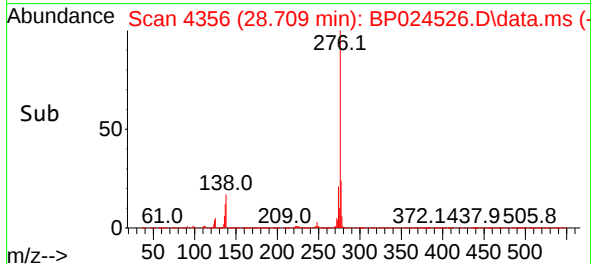
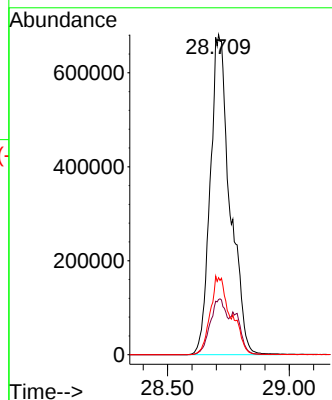
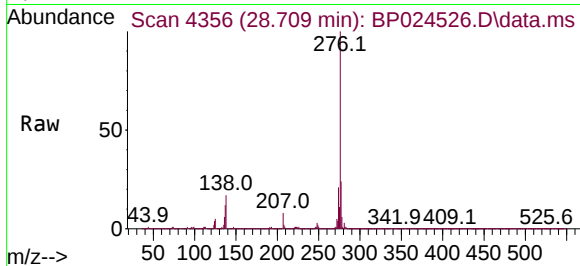




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.059 ng
 RT: 28.709 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

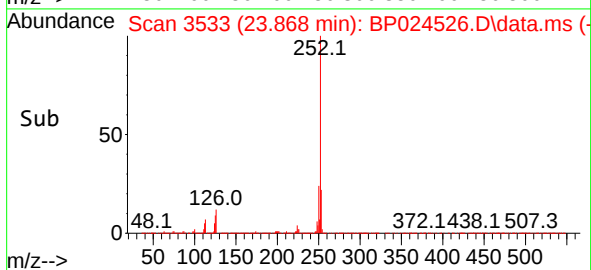
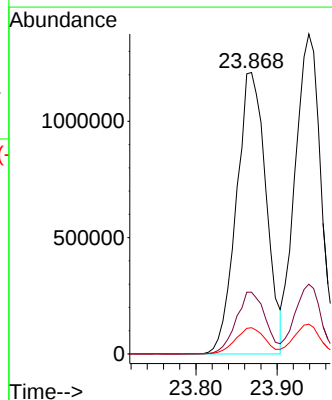
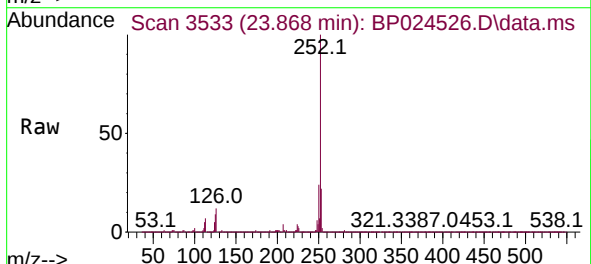
Instrument :
 BNA_P
 ClientSampleId :
 MH-QMS

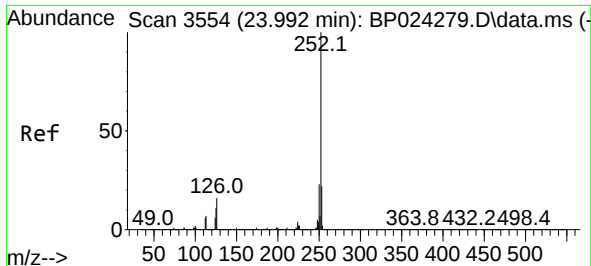
Tgt Ion:276 Resp: 3842514
 Ion Ratio Lower Upper
 276 100
 138 14.2 14.5 21.7#
 277 20.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 45.329 ng
 RT: 23.868 min Scan# 3533
 Delta R.T. -0.018 min
 Lab File: BP024526.D
 Acq: 05 May 2025 15:24

Tgt Ion:252 Resp: 3065402
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.3 9.4 14.0#

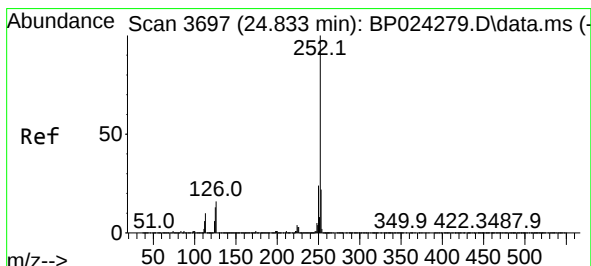
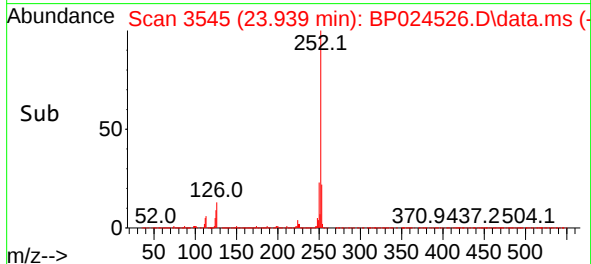
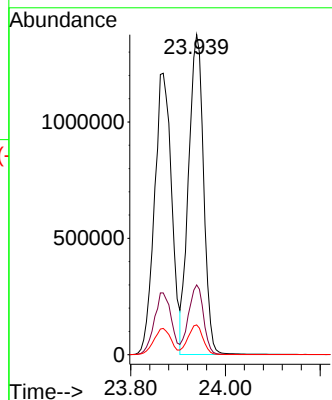
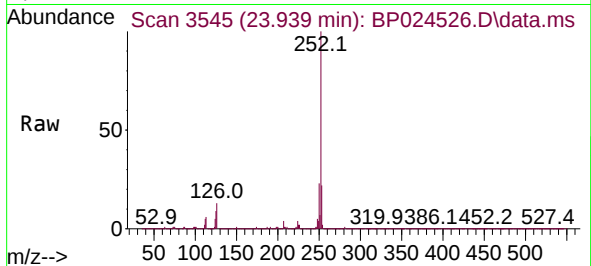




#89
Benzo(k)fluoranthene
Concen: 46.259 ng
RT: 23.939 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

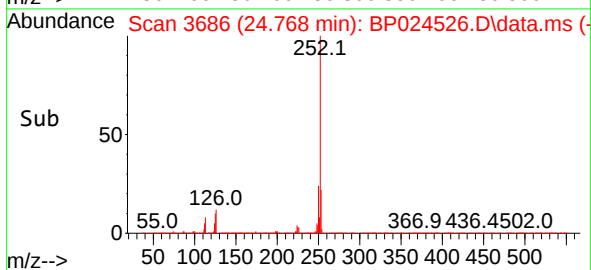
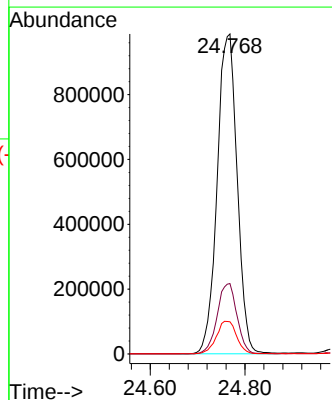
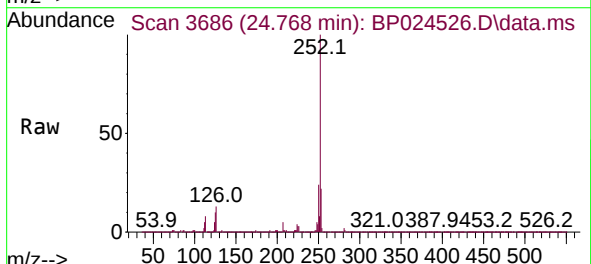
Instrument :
BNA_P
ClientSampleId :
MH-QMS

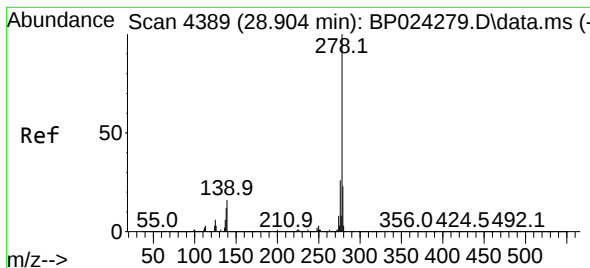
Tgt Ion:252 Resp: 3021755
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.3 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.546 ng
RT: 24.768 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024526.D
Acq: 05 May 2025 15:24

Tgt Ion:252 Resp: 2890181
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.1 10.1 15.1#





#91

Dibenzo(a,h)anthracene

Concen: 48.937 ng

RT: 28.786 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Instrument :

BNA_P

ClientSampleId :

MH-QMS

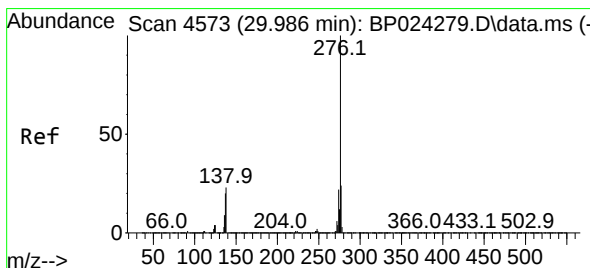
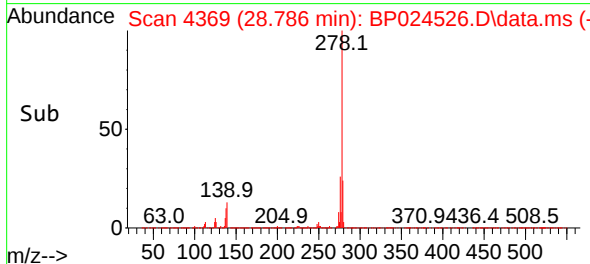
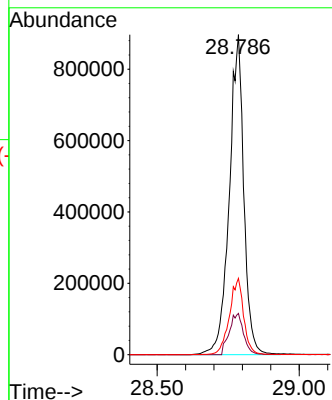
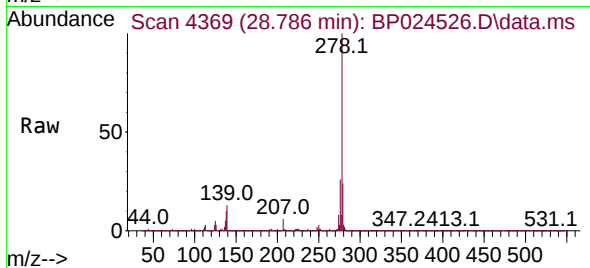
Tgt Ion:278 Resp: 3181520

Ion Ratio Lower Upper

278 100

139 12.9 12.6 19.0

279 23.9 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 46.133 ng

RT: 29.886 min Scan# 4556

Delta R.T. -0.012 min

Lab File: BP024526.D

Acq: 05 May 2025 15:24

Tgt Ion:276 Resp: 3052783

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 18.4 18.7 28.1#

