

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042125\
 Data File : BP024363.D
 Acq On : 21 Apr 2025 15:36
 Operator : RC/JU
 Sample : Q1825-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-9MSD

Quant Time: Apr 21 16:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	216655	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	828469	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	508926	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1036713	20.000	ng	0.01
76) Chrysene-d12	21.592	240	1166964	20.000	ng	0.00
86) Perylene-d12	24.945	264	1372121	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1705461	130.156	ng	0.00
7) Phenol-d6	6.910	99	2107199	117.446	ng	0.00
23) Nitrobenzene-d5	8.869	82	1281611	88.210	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1034558	146.928	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	2770875	83.362	ng	0.00
79) Terphenyl-d14	19.880	244	5040353	87.059	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.311	88	201962	36.440	ng	# 63
3) Pyridine	3.699	79	270276	18.468	ng	98
4) n-Nitrosodimethylamine	3.599	42	200822	41.346	ng	90
6) Aniline	7.063	93	368407	22.978	ng	99
8) 2-Chlorophenol	7.299	128	629355	43.019	ng	98
9) Benzaldehyde	6.875	77	115977	13.068	ng	96
10) Phenol	6.934	94	757587	42.092	ng	95
11) bis(2-Chloroethyl)ether	7.152	93	588312	40.569	ng	99
12) 1,3-Dichlorobenzene	7.610	146	608680	38.647	ng	99
13) 1,4-Dichlorobenzene	7.757	146	627119	39.244	ng	100
14) 1,2-Dichlorobenzene	8.069	146	600680	38.928	ng	99
15) Benzyl Alcohol	7.963	79	520419	44.852	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	626028	39.939	ng	99
17) 2-Methylphenol	8.163	107	522867	44.907	ng	98
18) Hexachloroethane	8.793	117	226800	39.272	ng	98
19) n-Nitroso-di-n-propyla...	8.522	70	429811	38.722	ng	97
20) 3+4-Methylphenols	8.493	107	717070	44.386	ng	99
22) Acetophenone	8.534	105	898304	43.809	ng	# 99
24) Nitrobenzene	8.910	77	635300	44.201	ng	99
25) Isophorone	9.434	82	1237914	47.071	ng	98
26) 2-Nitrophenol	9.616	139	333201	47.371	ng	99
27) 2,4-Dimethylphenol	9.681	122	573001	64.879	ng	98
28) bis(2-Chloroethoxy)met...	9.904	93	766102	43.122	ng	99
29) 2,4-Dichlorophenol	10.151	162	570574	47.381	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	558364	43.277	ng	98
31) Naphthalene	10.540	128	1802956	41.314	ng	99
32) Benzoic acid	9.828	122	448946m	43.625	ng	
33) 4-Chloroaniline	10.669	127	200541	13.049	ng	99
34) Hexachlorobutadiene	10.828	225	330458	43.586	ng	99
35) Caprolactam	11.457	113	178824	40.246	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	655675	46.746	ng	99
37) 2-Methylnaphthalene	12.157	142	1164343	38.471	ng	98
38) 1-Methylnaphthalene	12.375	142	1214435	41.017	ng	99
40) 1,2,4,5-Tetrachloroben...	12.528	216	624445	44.617	ng	98
41) Hexachlorocyclopentadiene	12.504	237	876503	177.077	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	462351	49.688	ng	97

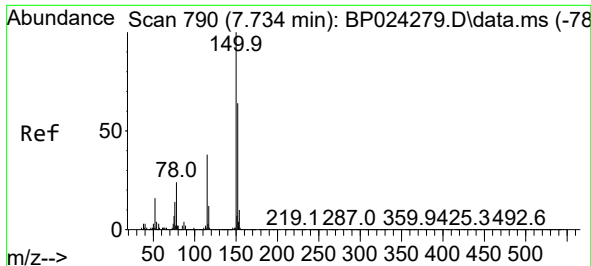
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 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	512134	49.702	ng	99
46) 1,1'-Biphenyl	13.175	154	1659567	44.363	ng	100
47) 2-Chloronaphthalene	13.216	162	1253011	44.816	ng	98
48) 2-Nitroaniline	13.422	65	399052	50.883	ng	99
49) Acenaphthylene	14.069	152	2164869	49.180	ng	100
50) Dimethylphthalate	13.810	163	1714580	46.327	ng	99
51) 2,6-Dinitrotoluene	13.922	165	378281	48.133	ng	97
52) Acenaphthene	14.416	154	1239327	44.410	ng	99
53) 3-Nitroaniline	14.263	138	325309	39.384	ng	99
54) 2,4-Dinitrophenol	14.475	184	517045	111.689	ng	96
55) Dibenzofuran	14.757	168	1972328	43.238	ng	99
56) 4-Nitrophenol	14.598	139	745522	104.507	ng	98
57) 2,4-Dinitrotoluene	14.722	165	543495	50.696	ng	98
58) Fluorene	15.416	166	1622670	45.952	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	460549	48.461	ng	99
60) Diethylphthalate	15.198	149	1758661	46.111	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	782088	45.609	ng	99
62) 4-Nitroaniline	15.445	138	428802	49.039	ng	94
63) Azobenzene	15.716	77	1536628	43.835	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	320024	48.963	ng	98
66) n-Nitrosodiphenylamine	15.639	169	1419737	45.882	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	523726	46.191	ng	99
68) Hexachlorobenzene	16.451	284	633228	47.000	ng	99
69) Atrazine	16.622	200	499934	63.435	ng	99
70) Pentachlorophenol	16.804	266	928070	98.739	ng	99
71) Phenanthrene	17.204	178	2602926	46.024	ng	100
72) Anthracene	17.298	178	2608198	47.850	ng	100
73) Carbazole	17.575	167	2525114	47.412	ng	100
74) Di-n-butylphthalate	18.175	149	3145554	47.406	ng	100
75) Fluoranthene	19.286	202	3125592	46.468	ng	98
77) Benzidine	19.480	184	675615	45.674	ng	99
78) Pyrene	19.663	202	3243932	43.741	ng	99
80) Butylbenzylphthalate	20.616	149	1506973	47.441	ng	98
81) Benzo(a)anthracene	21.580	228	3401020	46.889	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	758412	29.790	ng	99
83) Chrysene	21.645	228	3218061	46.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	2215630	47.580	ng	100
85) Di-n-octyl phthalate	22.792	149	3712904	49.045	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4840706m	50.816	ng	
88) Benzo(b)fluoranthene	23.892	252	3800951	46.214	ng	99
89) Benzo(k)fluoranthene	23.957	252	3700471	46.579	ng	98
90) Benzo(a)pyrene	24.786	252	3568335	50.297	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	3977009	50.299	ng	99
92) Benzo(g,h,i)perylene	29.897	276	3940259	48.960	ng	98

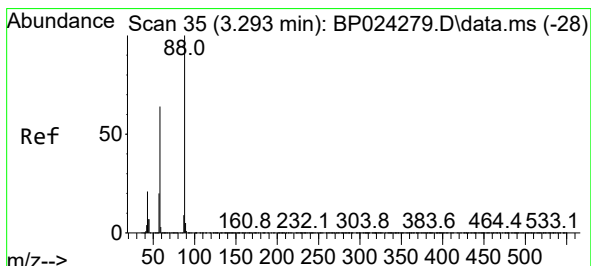
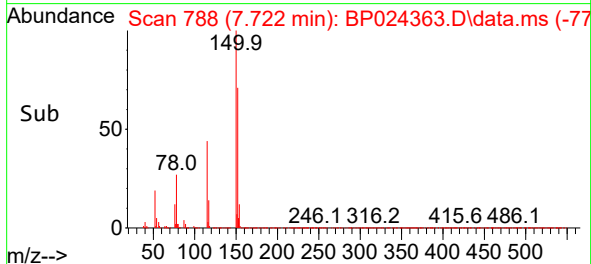
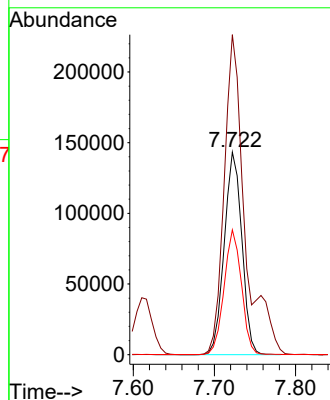
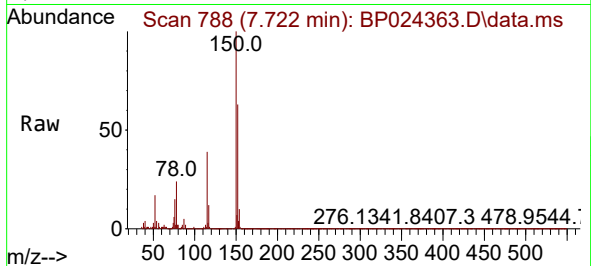
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

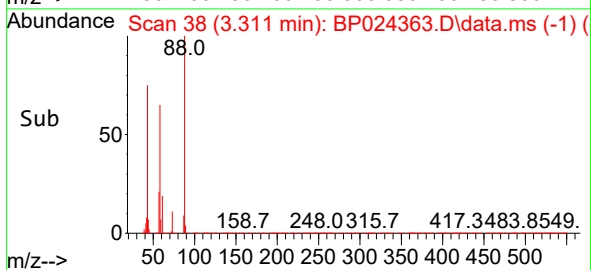
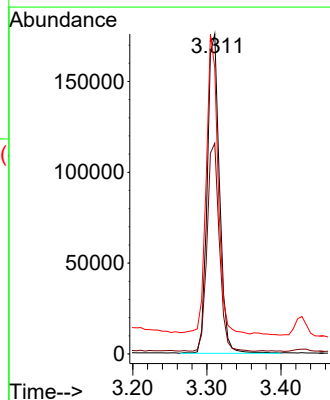
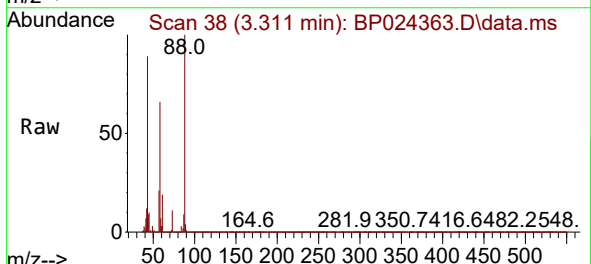
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

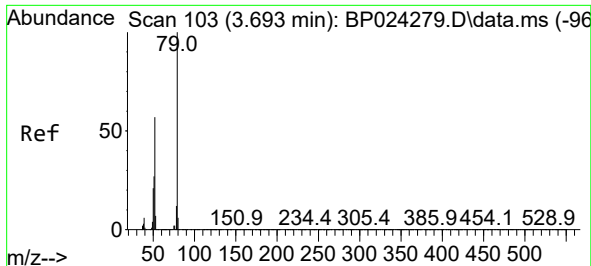
Tgt Ion:152 Resp: 216655
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 61.6 47.7 71.5



#2
1,4-Dioxane
Concen: 36.440 ng
RT: 3.311 min Scan# 38
Delta R.T. 0.024 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 88 Resp: 201962
Ion Ratio Lower Upper
88 100
58 65.1 51.4 77.2
43 90.0 17.1 25.7#

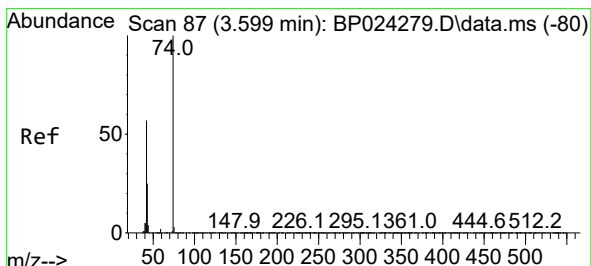
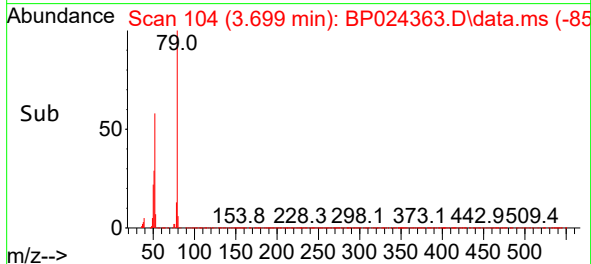
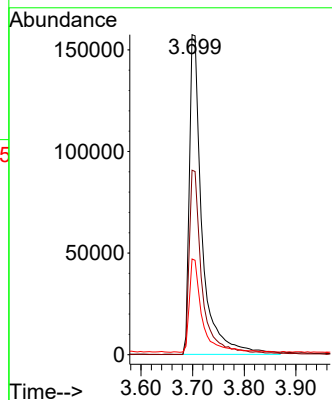
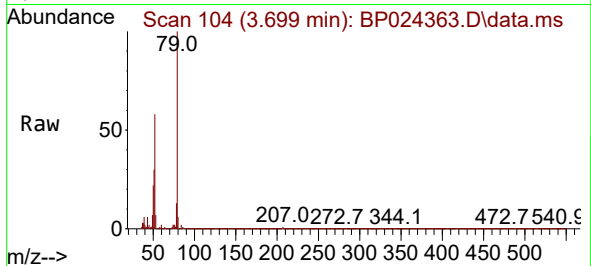




#3
Pyridine
Concen: 18.468 ng
RT: 3.699 min Scan# 103
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

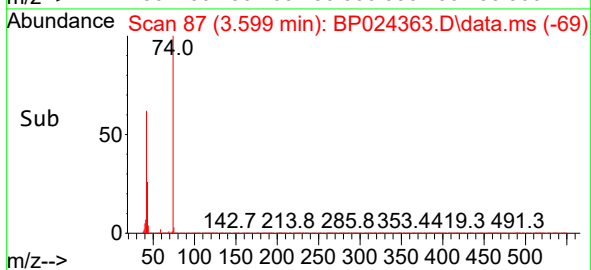
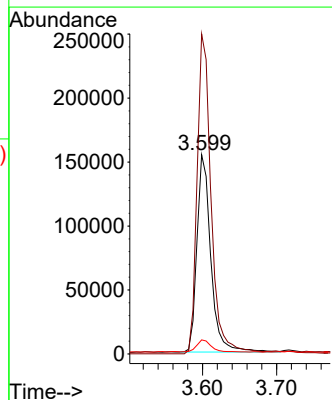
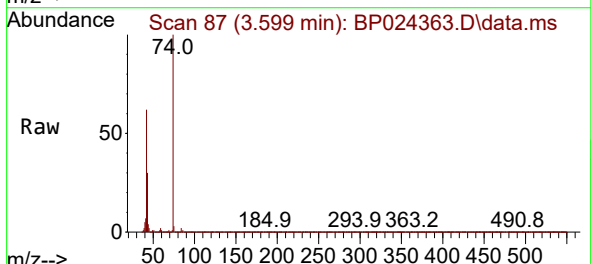
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

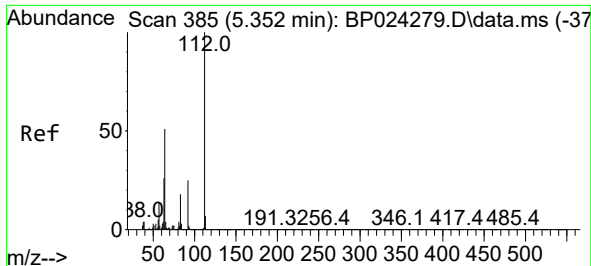
Tgt Ion: 79 Resp: 270276
Ion Ratio Lower Upper
79 100
52 57.7 45.4 68.2
51 29.9 22.6 33.8



#4
n-Nitrosodimethylamine
Concen: 41.346 ng
RT: 3.599 min Scan# 87
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 42 Resp: 200822
Ion Ratio Lower Upper
42 100
74 160.7 139.5 209.3
44 7.1 5.8 8.8

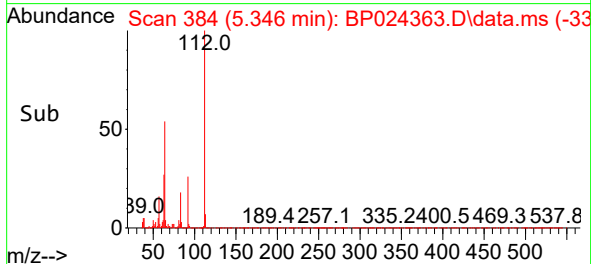
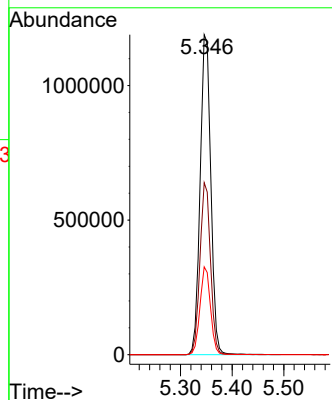
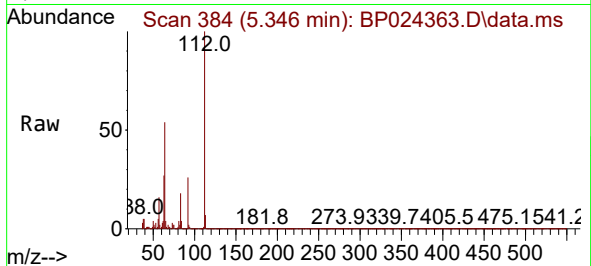




#5
2-Fluorophenol
Concen: 130.156 ng
RT: 5.346 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

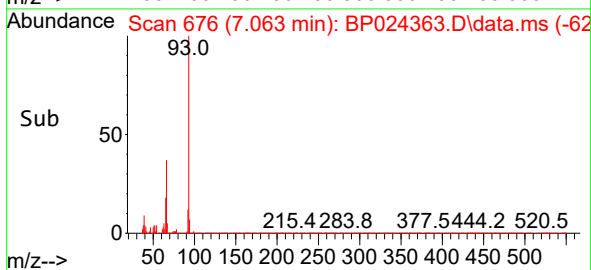
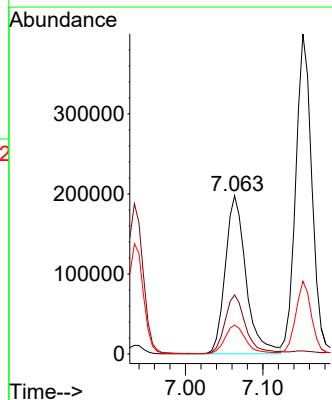
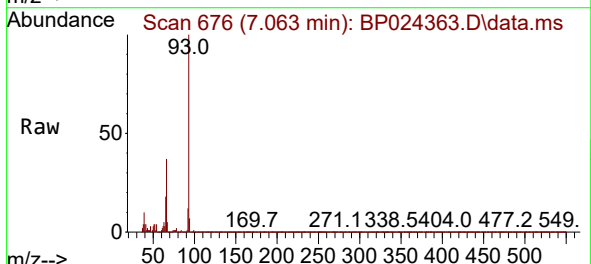
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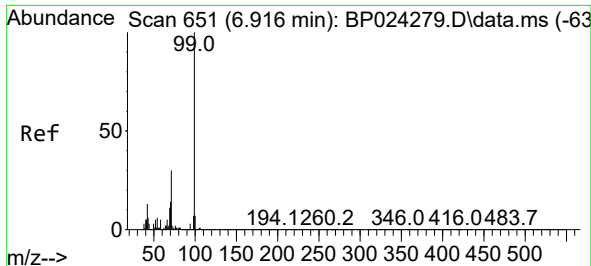
Tgt Ion:112 Resp: 1705461
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 27.4 20.6 30.8



#6
Aniline
Concen: 22.978 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 93 Resp: 368407
Ion Ratio Lower Upper
93 100
66 37.3 29.1 43.7
65 18.2 14.7 22.1

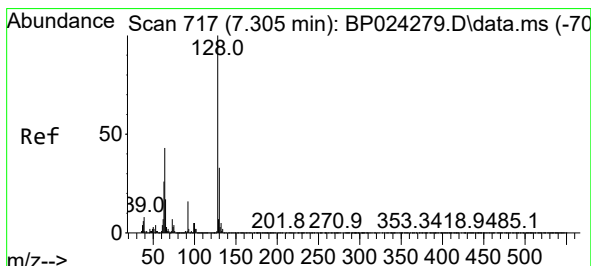
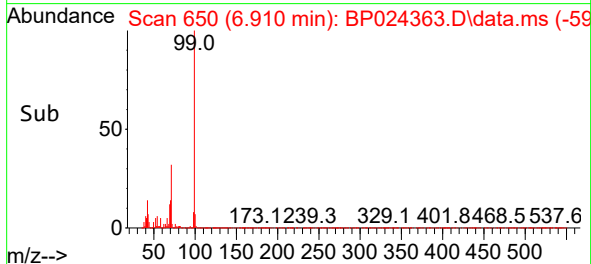
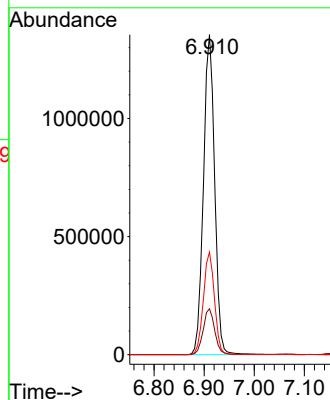
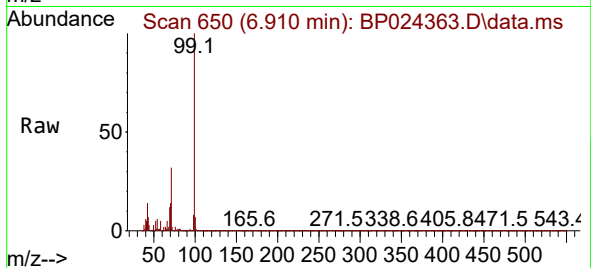




#7
Phenol-d6
Concen: 117.446 ng
RT: 6.910 min Scan# 610
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

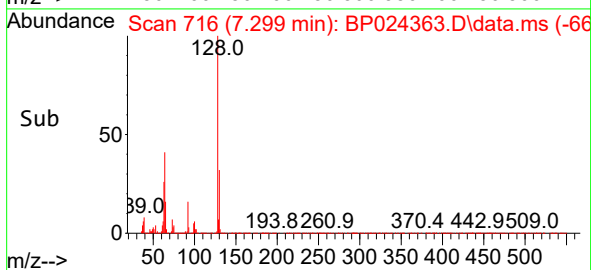
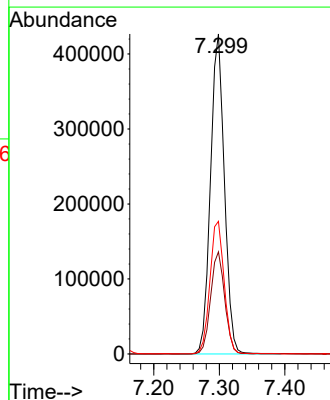
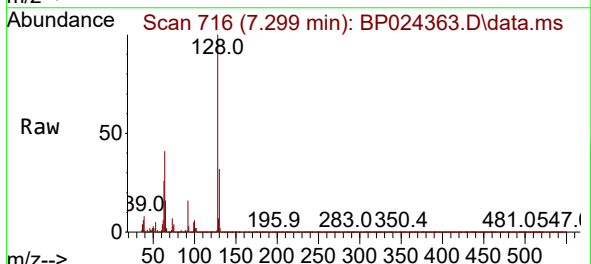
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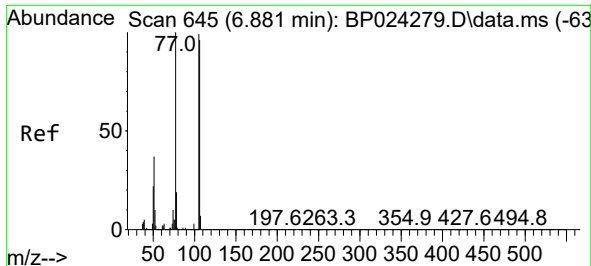
Tgt Ion: 99 Resp: 2107199
Ion Ratio Lower Upper
99 100
42 14.4 10.6 16.0
71 32.0 23.7 35.5



#8
2-Chlorophenol
Concen: 43.019 ng
RT: 7.299 min Scan# 716
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 128 Resp: 629355
Ion Ratio Lower Upper
128 100
130 31.9 12.9 52.9
64 41.4 22.7 62.7

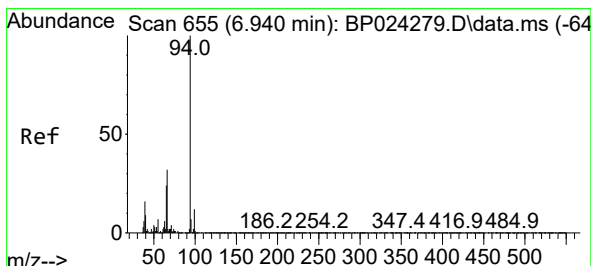
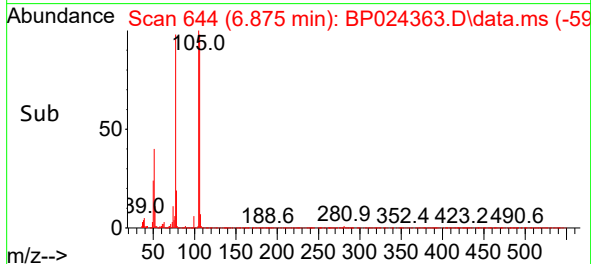
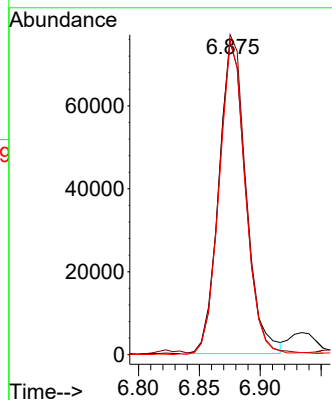
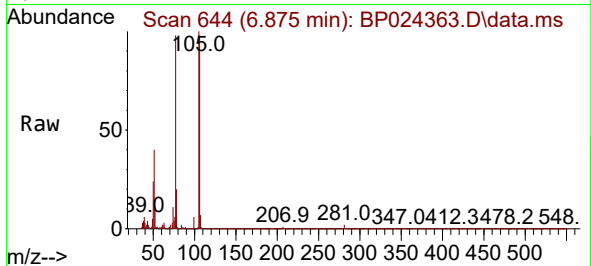




#9
Benzaldehyde
Concen: 13.068 ng
RT: 6.875 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

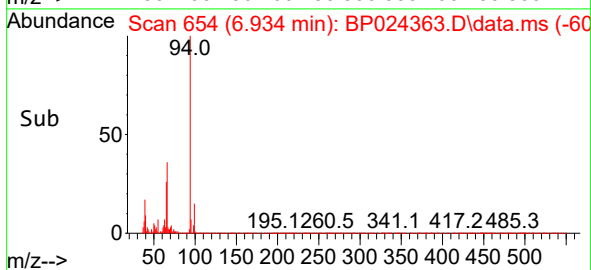
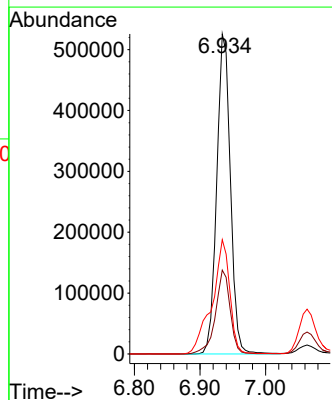
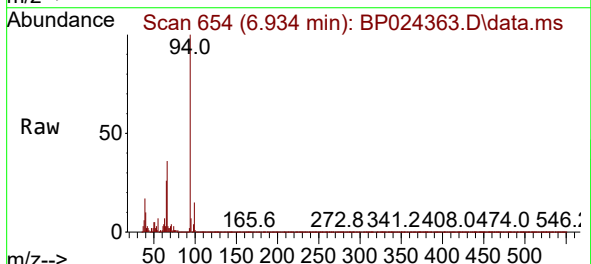
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

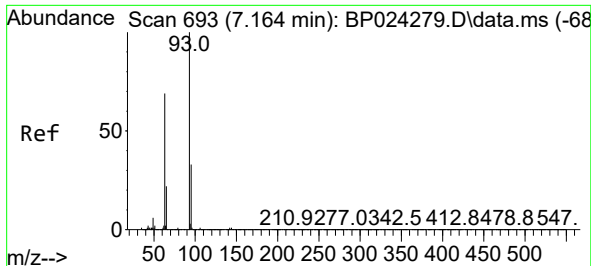
Tgt Ion: 77 Resp: 115977
Ion Ratio Lower Upper
77 100
105 102.2 79.2 119.2
106 100.3 76.2 116.2



#10
Phenol
Concen: 42.092 ng
RT: 6.934 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 94 Resp: 757587
Ion Ratio Lower Upper
94 100
65 26.2 4.5 44.5
66 35.7 12.4 52.4

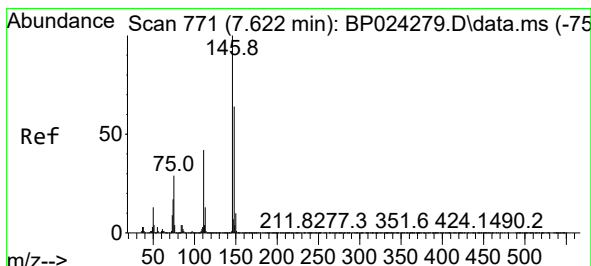
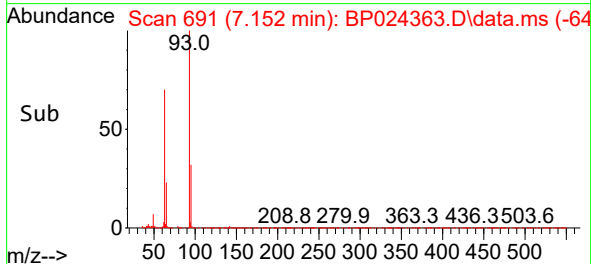
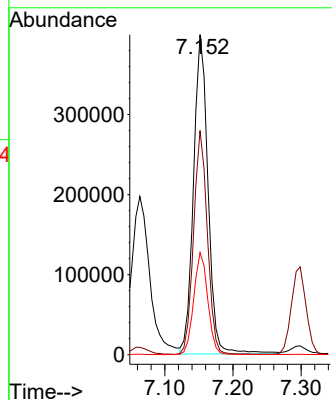
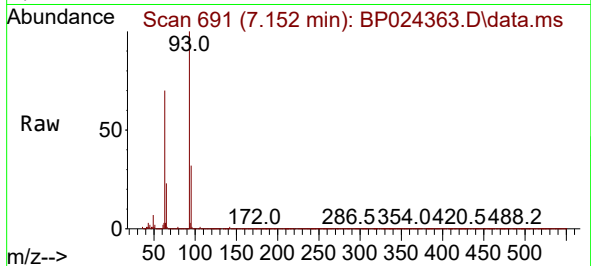




#11
bis(2-Chloroethyl)ether
Concen: 40.569 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

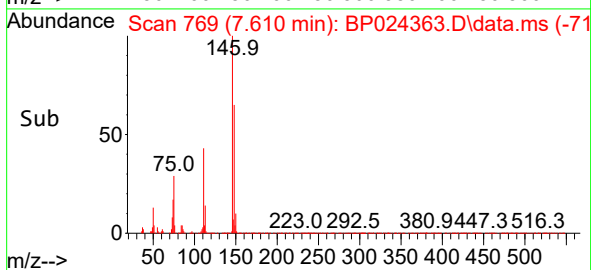
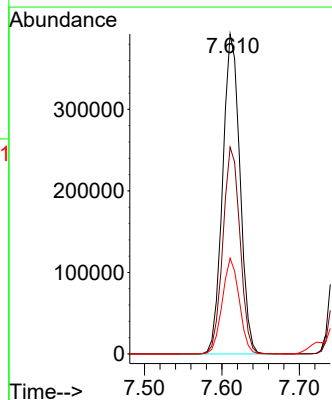
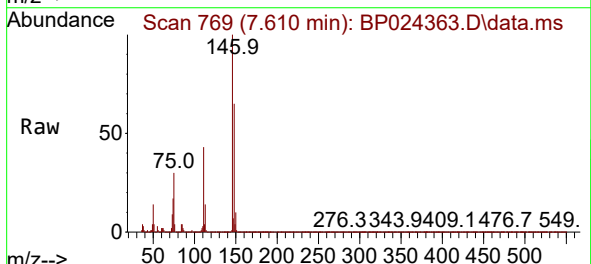
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

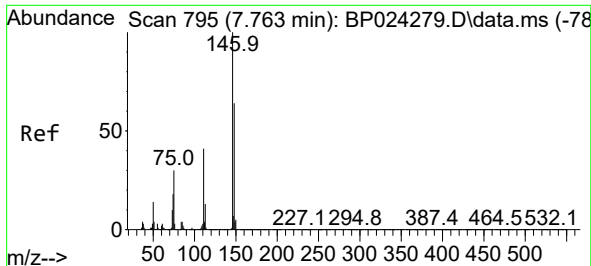
Tgt Ion: 93 Resp: 588312
Ion Ratio Lower Upper
93 100
63 70.1 48.6 88.6
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.647 ng
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 146 Resp: 608680
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 29.9 22.9 34.3

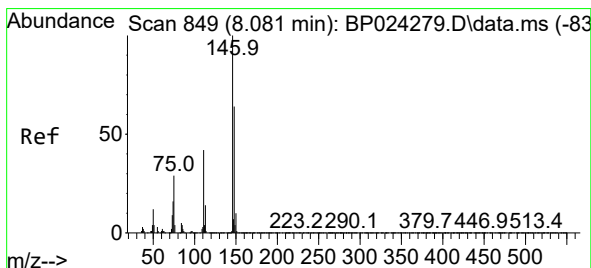
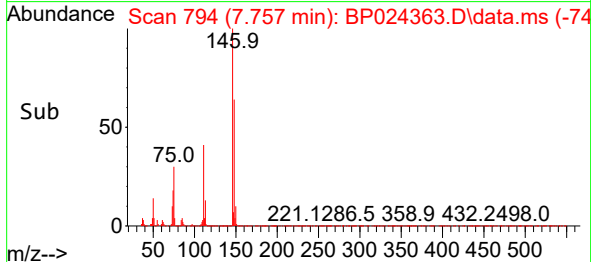
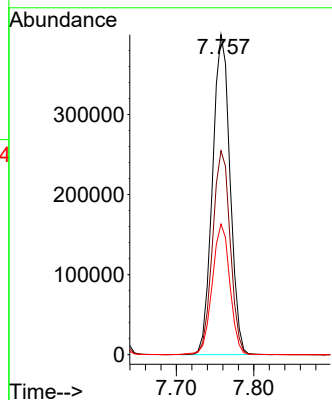
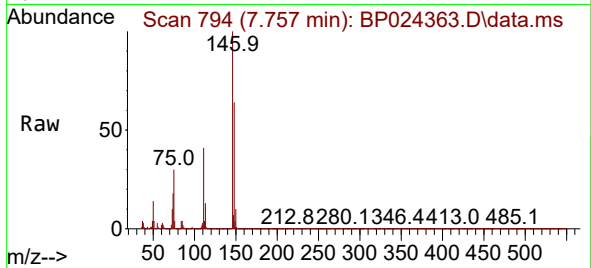




#13
1,4-Dichlorobenzene
Concen: 39.244 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

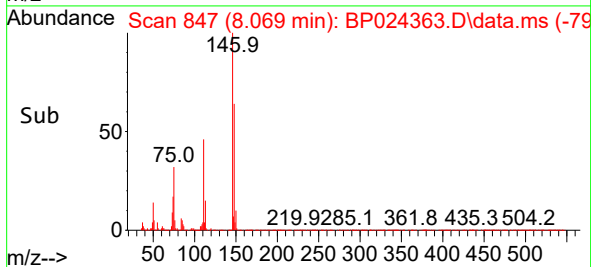
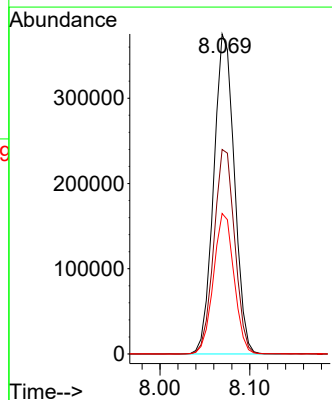
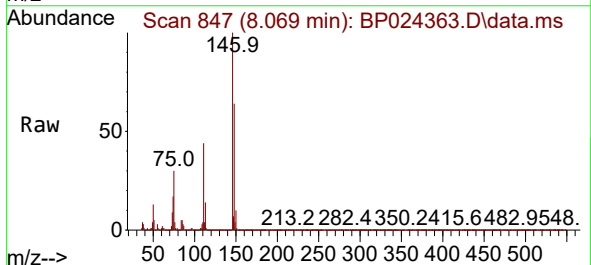
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

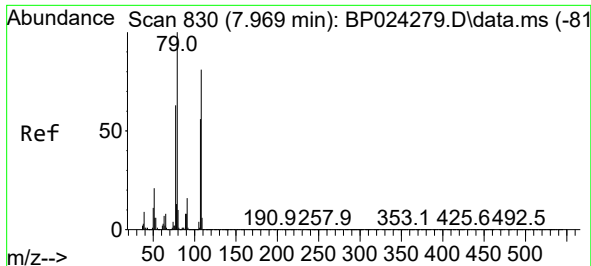
Tgt Ion:146 Resp: 627119
Ion Ratio Lower Upper
146 100
148 63.7 51.1 76.7
111 40.8 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 38.928 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:146 Resp: 600680
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 43.9 33.8 50.8

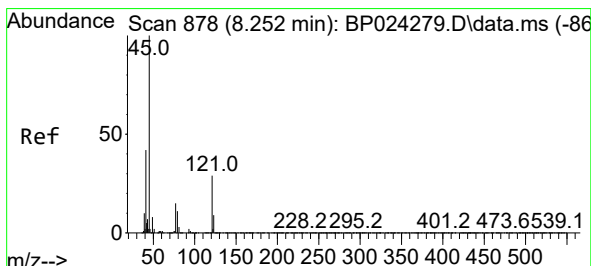
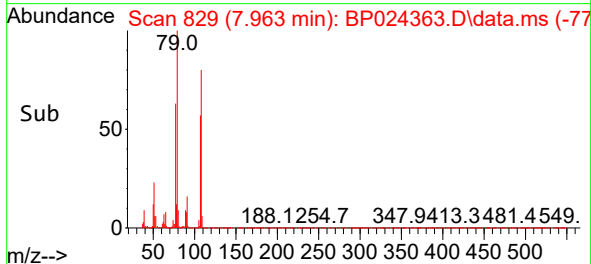
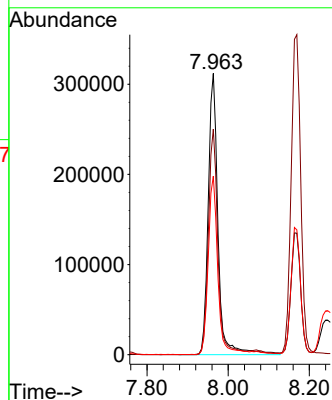
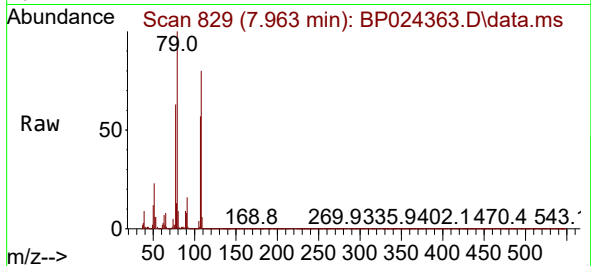




#15
Benzyl Alcohol
Concen: 44.852 ng
RT: 7.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

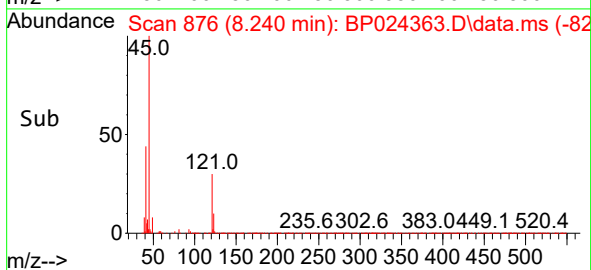
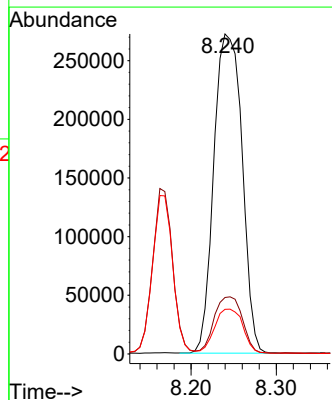
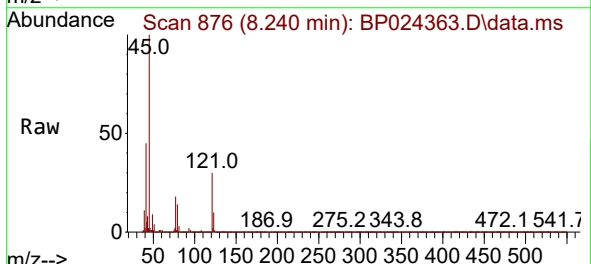
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

Tgt Ion: 79 Resp: 520419
Ion Ratio Lower Upper
79 100
108 80.2 65.1 97.7
77 63.5 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.939 ng
RT: 8.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 45 Resp: 626028
Ion Ratio Lower Upper
45 100
77 17.7 0.0 37.7
79 14.0 0.0 33.5





#17

2-Methylphenol

Concen: 44.907 ng

RT: 8.163 min Scan# 8

Delta R.T. -0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

Tgt Ion:107 Resp: 522867

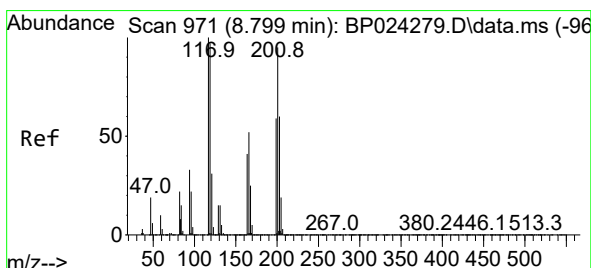
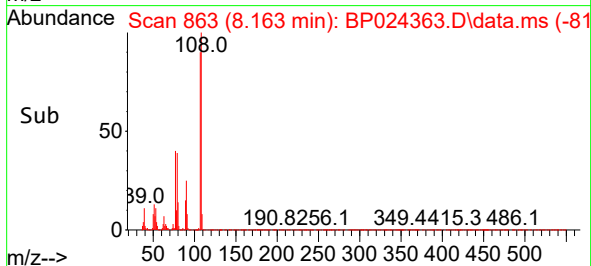
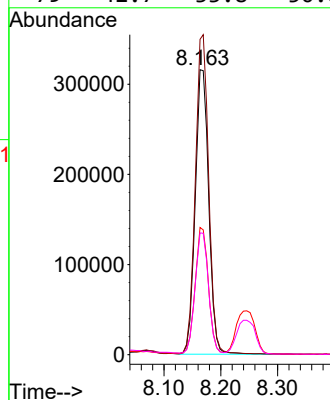
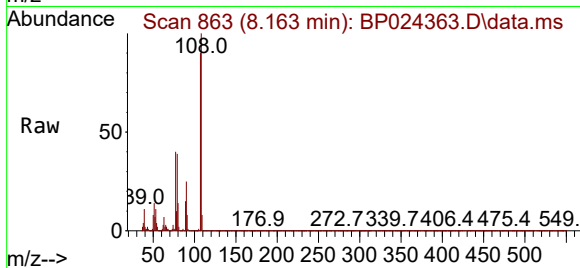
Ion Ratio Lower Upper

107 100

108 110.7 89.8 134.6

77 44.6 34.2 51.4

79 42.7 33.8 50.8



#18

Hexachloroethane

Concen: 39.272 ng

RT: 8.793 min Scan# 970

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

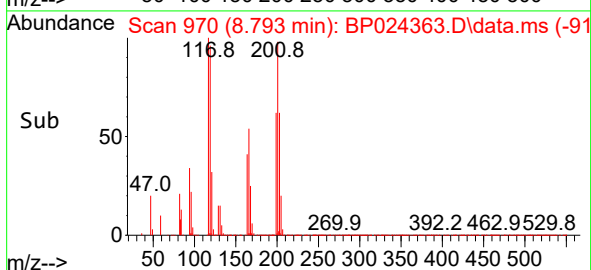
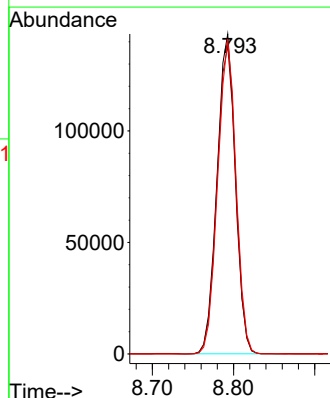
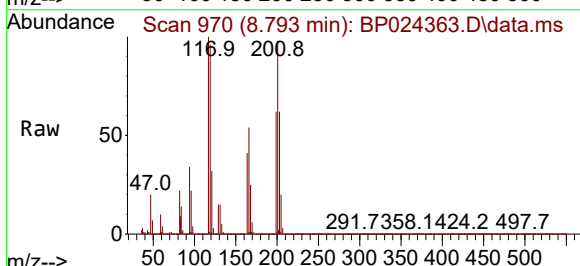
Tgt Ion:117 Resp: 226800

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.6

201 98.3 75.9 113.9

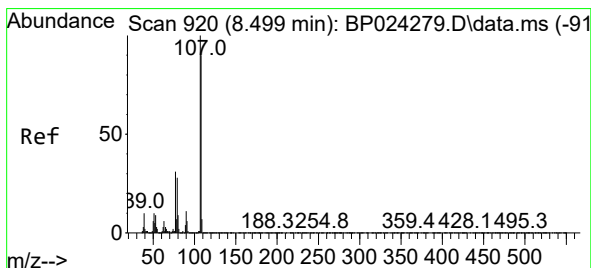
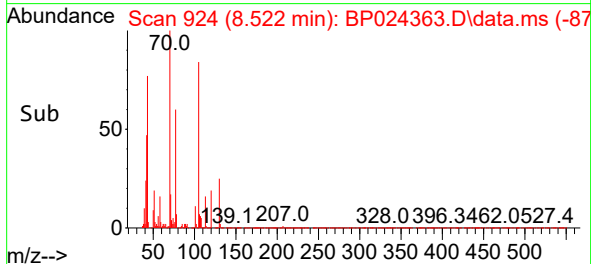
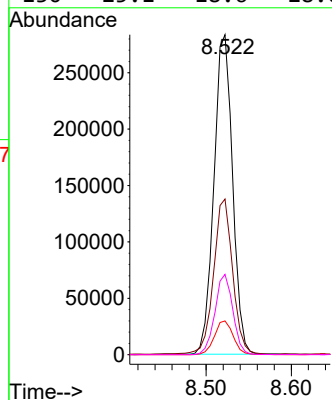
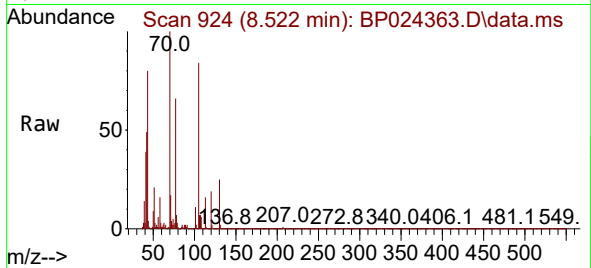




#19
n-Nitroso-di-n-propylamine
Concen: 38.722 ng
RT: 8.522 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

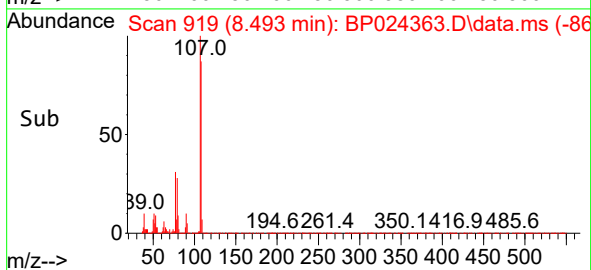
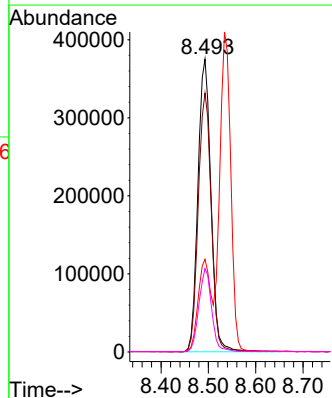
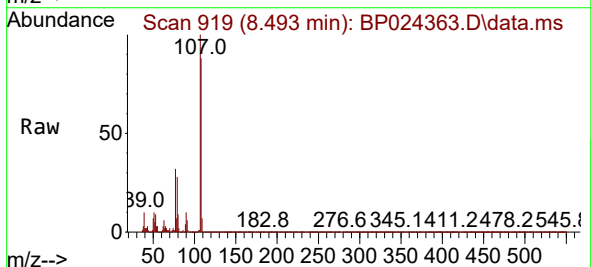
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

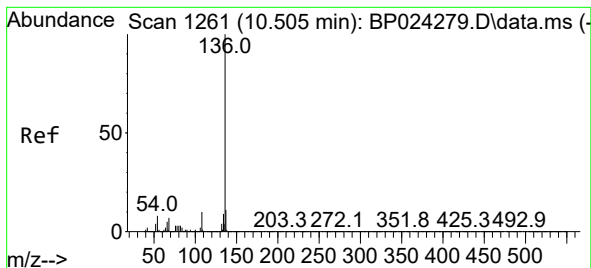
Tgt Ion: 70 Resp: 429811
Ion Ratio Lower Upper
70 100
42 48.6 37.3 55.9
101 10.6 8.2 12.4
130 25.1 18.6 28.0



#20
3+4-Methylphenols
Concen: 44.386 ng
RT: 8.493 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 107 Resp: 717070
Ion Ratio Lower Upper
107 100
108 88.4 69.8 109.8
77 31.6 11.5 51.5
79 28.5 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.493 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

Tgt Ion:136 Resp: 828469

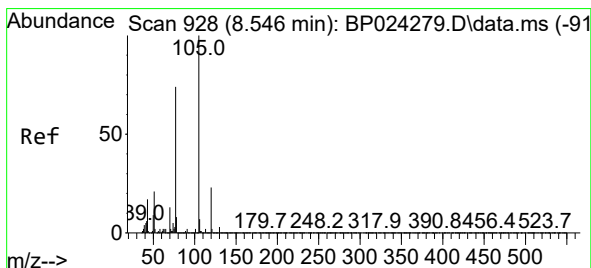
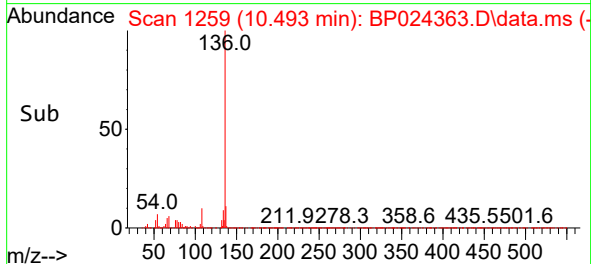
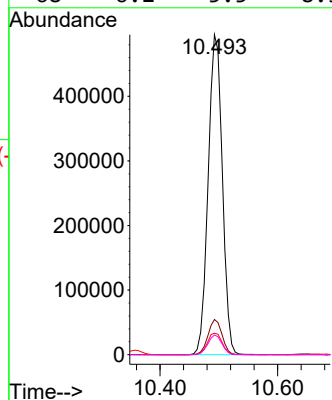
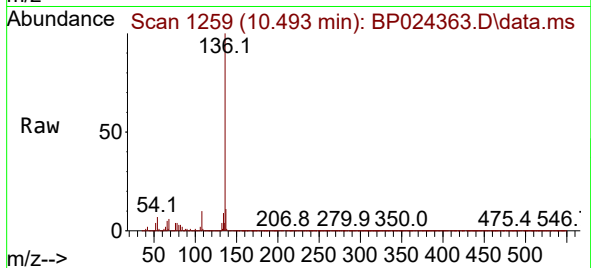
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.7 6.0 9.0

68 6.2 5.5 8.3



#22

Acetophenone

Concen: 43.809 ng

RT: 8.534 min Scan# 926

Delta R.T. -0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Tgt Ion:105 Resp: 898304

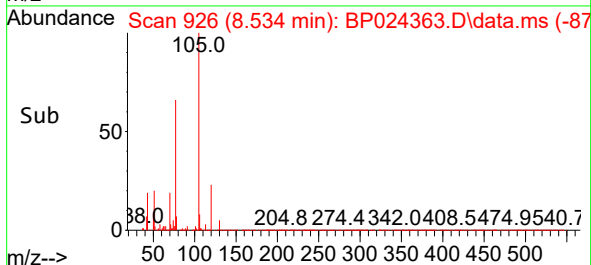
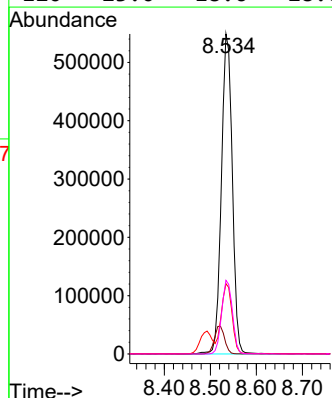
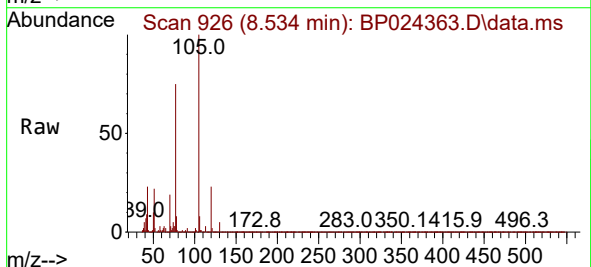
Ion Ratio Lower Upper

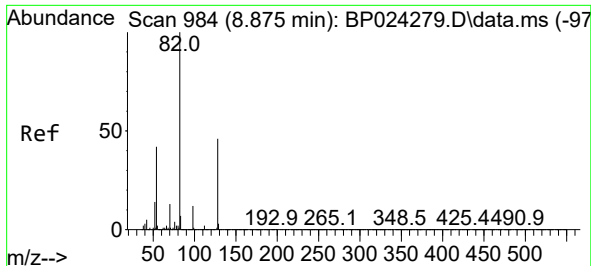
105 100

71 3.2 1.7 2.5

51 21.9 16.9 25.3

120 23.0 18.6 28.0

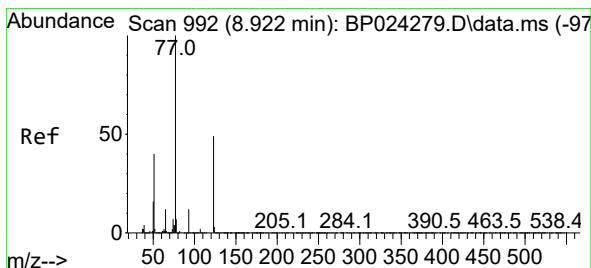
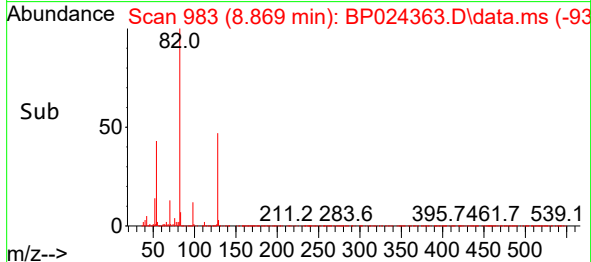
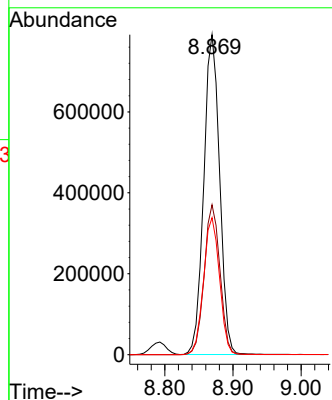
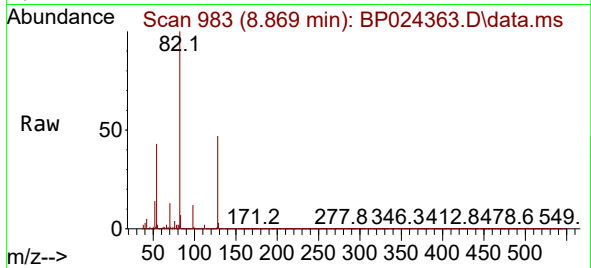




#23
Nitrobenzene-d5
Concen: 88.210 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

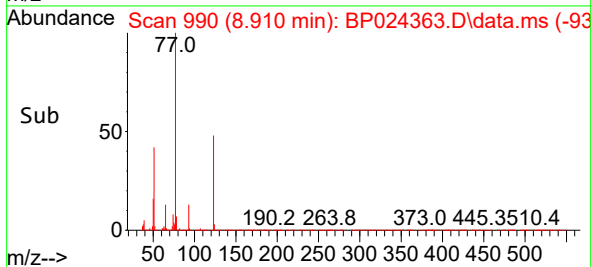
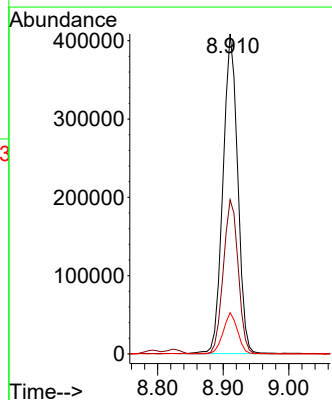
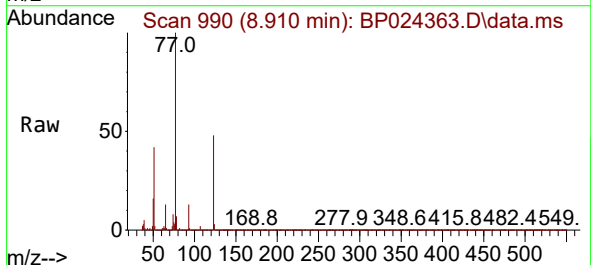
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

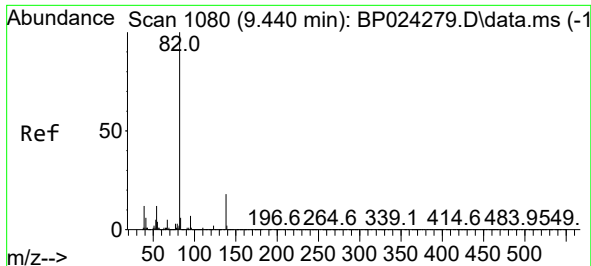
Tgt Ion: 82 Resp: 1281611
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 42.8 33.4 50.2



#24
Nitrobenzene
Concen: 44.201 ng
RT: 8.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 77 Resp: 635300
Ion Ratio Lower Upper
77 100
123 48.2 39.2 58.8
65 12.9 9.8 14.6

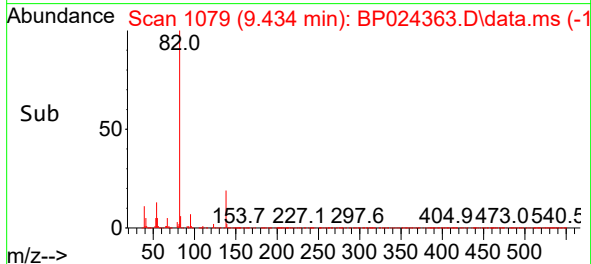
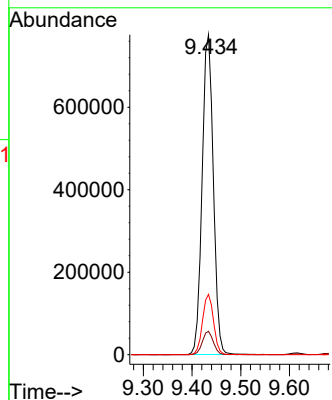
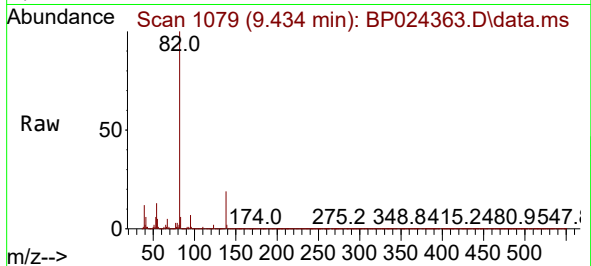




#25
Isophorone
Concen: 47.071 ng
RT: 9.434 min Scan# 1080
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

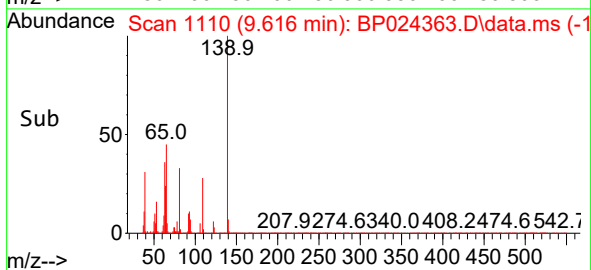
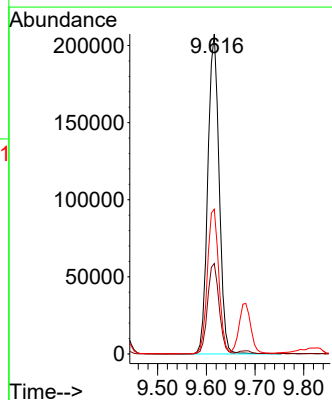
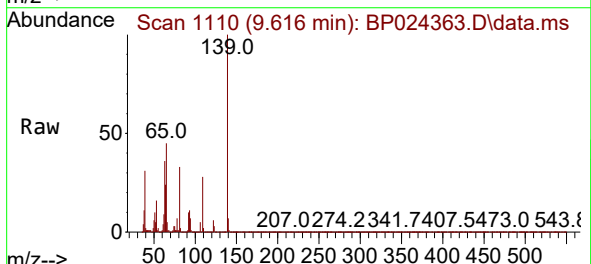
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

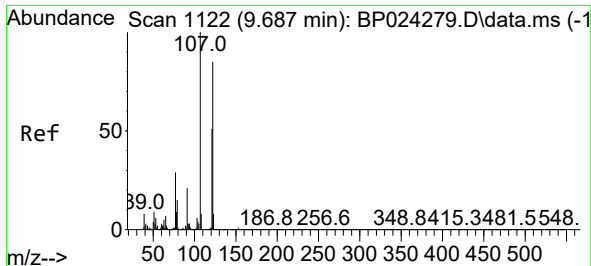
Tgt Ion: 82 Resp: 1237914
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.2
138 18.8 14.4 21.6



#26
2-Nitrophenol
Concen: 47.371 ng
RT: 9.616 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:139 Resp: 333201
Ion Ratio Lower Upper
139 100
109 28.3 21.8 32.6
65 45.2 36.2 54.2

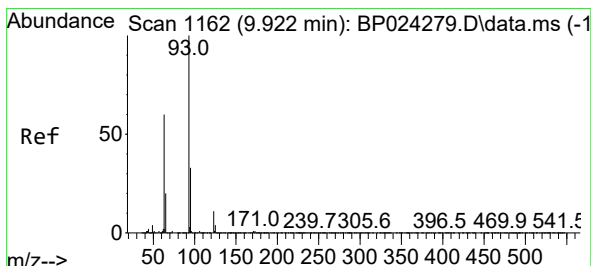
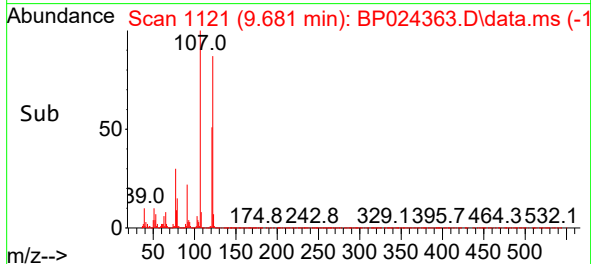
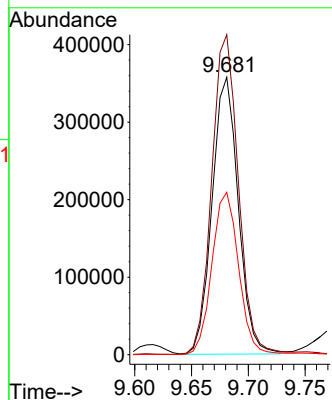
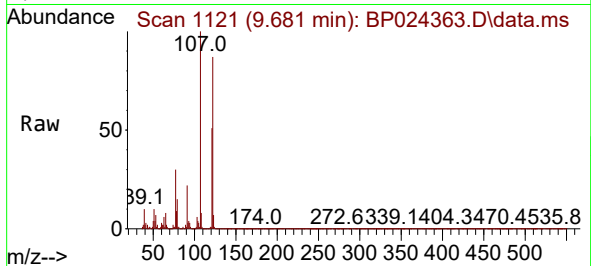




#27
2,4-Dimethylphenol
Concen: 64.879 ng
RT: 9.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

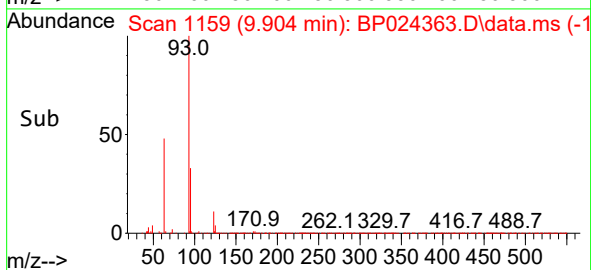
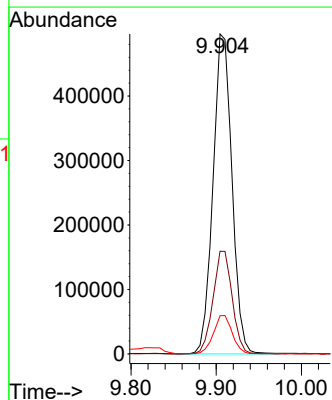
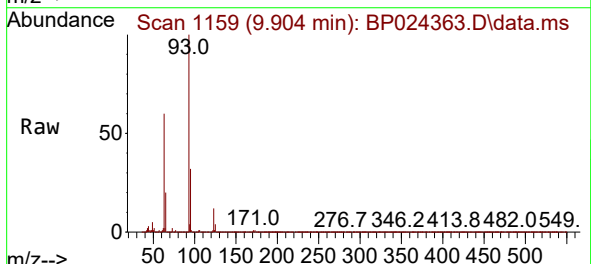
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

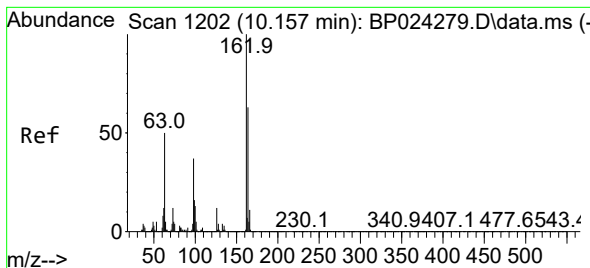
Tgt Ion:122 Resp: 573001
Ion Ratio Lower Upper
122 100
107 115.3 93.7 140.5
121 58.6 48.2 72.2



#28
bis(2-Chloroethoxy)methane
Concen: 43.122 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 93 Resp: 766102
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.381 ng

RT: 10.151 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

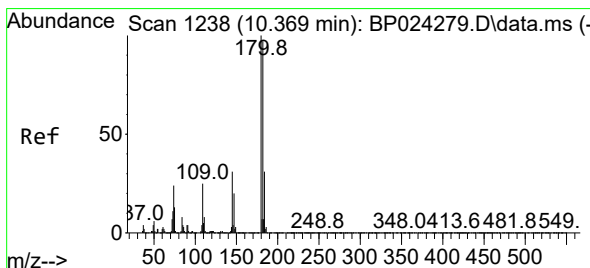
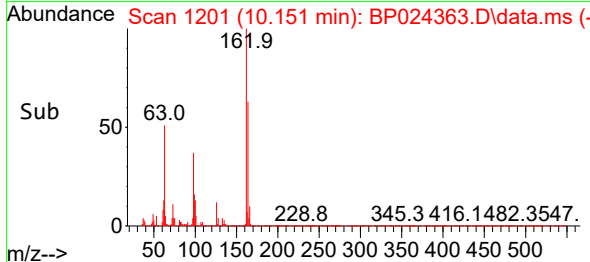
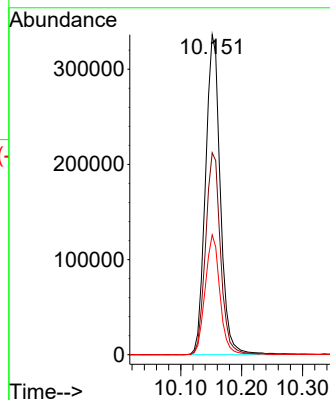
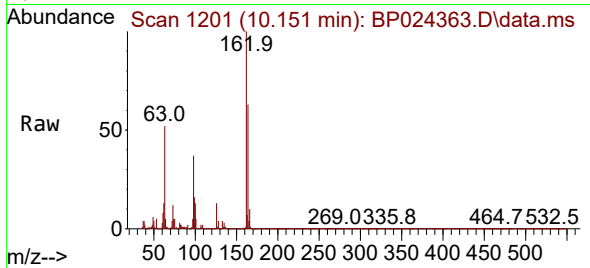
Tgt Ion:162 Resp: 570574

Ion Ratio Lower Upper

162 100

164 63.1 43.3 83.3

98 37.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.277 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

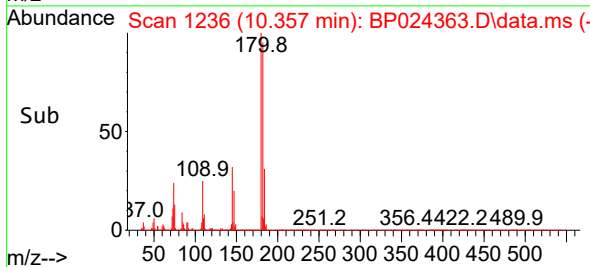
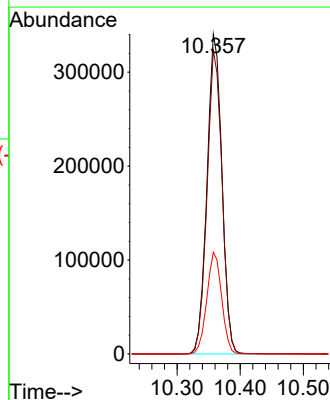
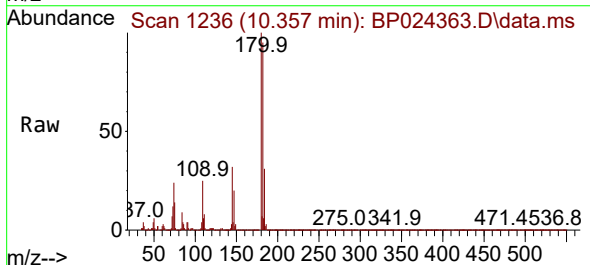
Tgt Ion:180 Resp: 558364

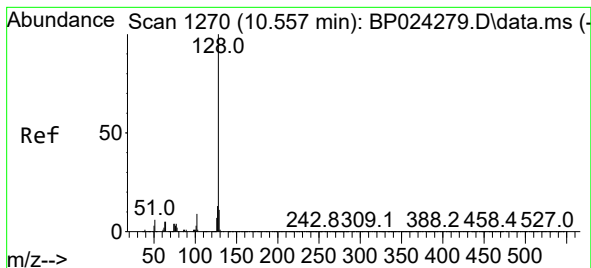
Ion Ratio Lower Upper

180 100

182 94.8 77.3 115.9

145 31.8 25.1 37.7

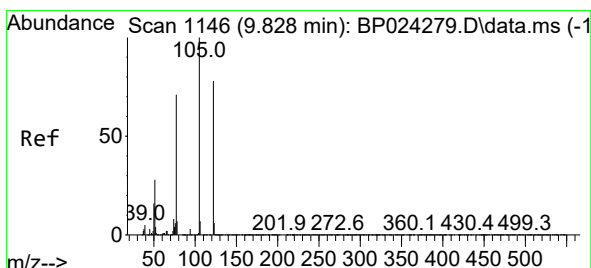
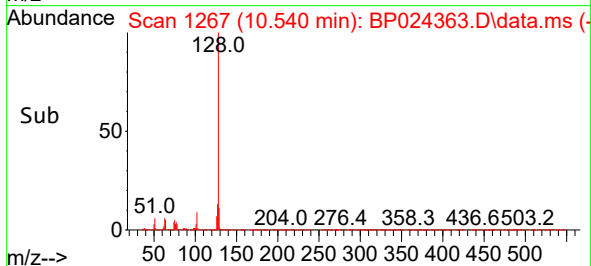
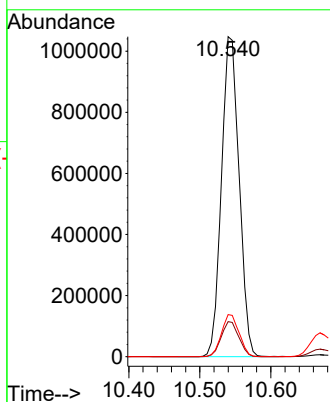
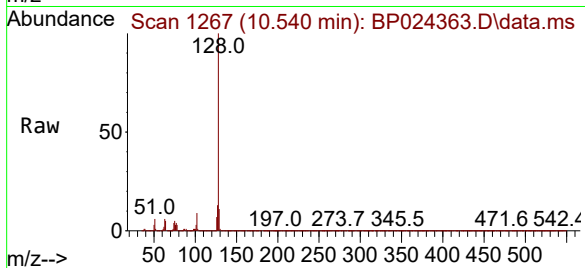




#31
Naphthalene
Concen: 41.314 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

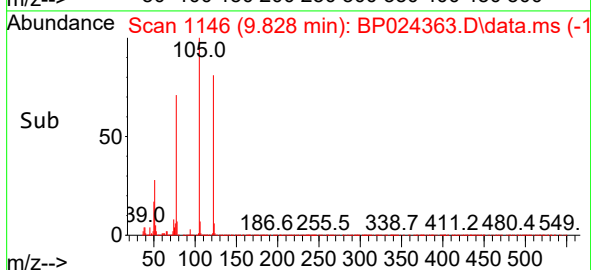
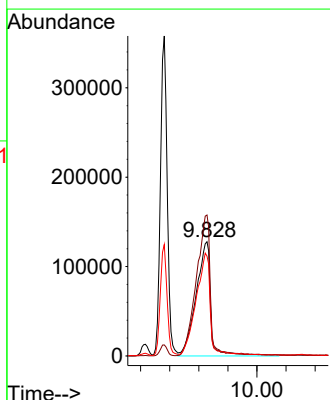
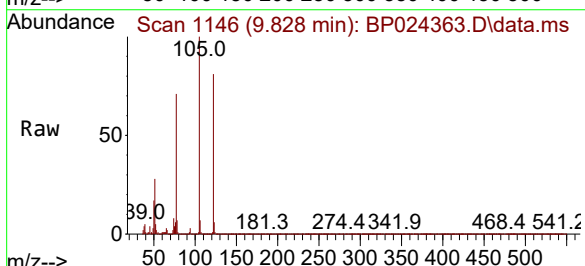
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

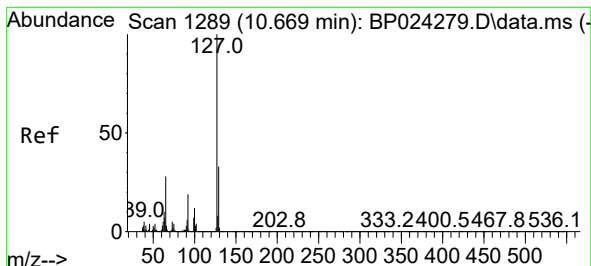
Tgt Ion:128 Resp: 1802956
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 43.625 ng m
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:122 Resp: 448946
Ion Ratio Lower Upper
122 100
105 123.4 104.8 144.8
77 87.4 69.2 109.2





#33

4-Chloroaniline

Concen: 13.049 ng

RT: 10.669 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

Tgt Ion:127 Resp: 200541

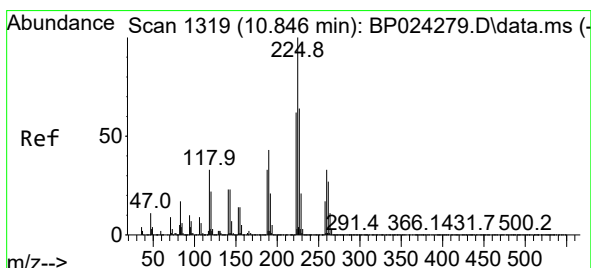
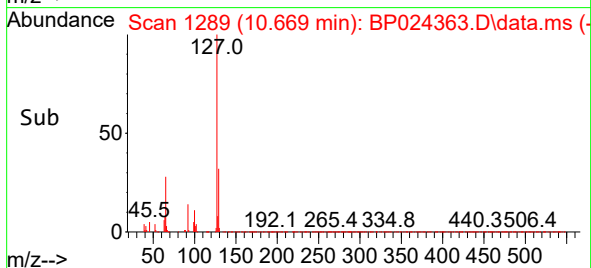
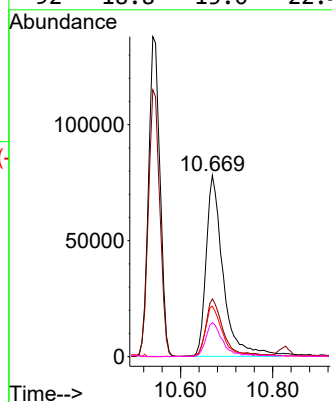
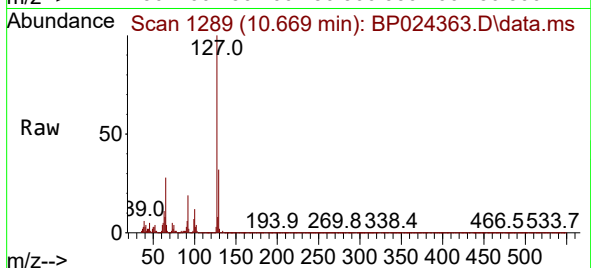
Ion Ratio Lower Upper

127 100

129 31.9 26.1 39.1

65 27.9 22.1 33.1

92 18.8 15.0 22.4



#34

Hexachlorobutadiene

Concen: 43.586 ng

RT: 10.828 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

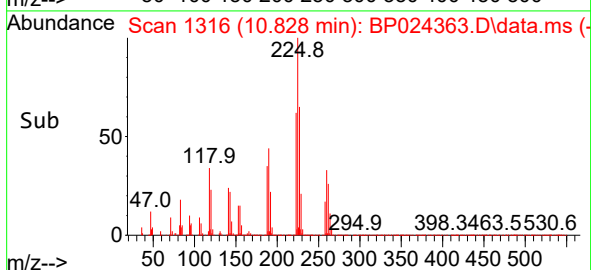
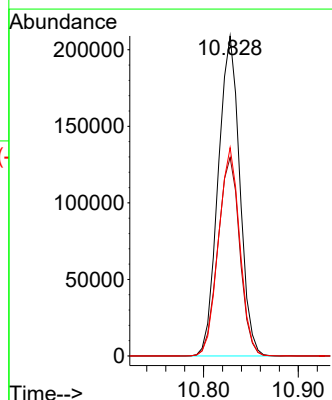
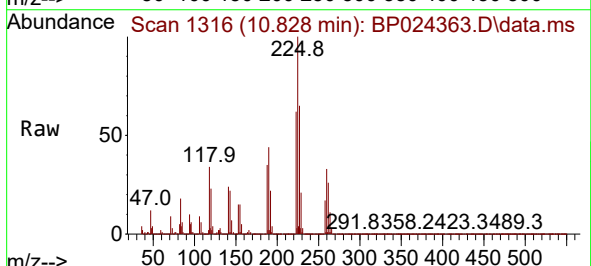
Tgt Ion:225 Resp: 330458

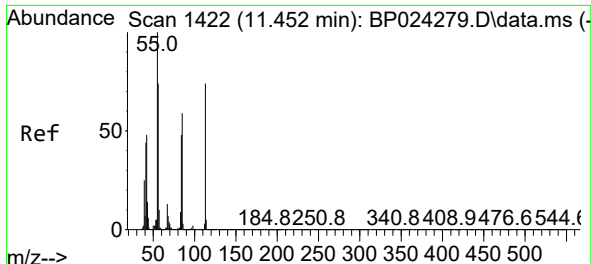
Ion Ratio Lower Upper

225 100

223 62.1 49.5 74.3

227 65.1 50.9 76.3

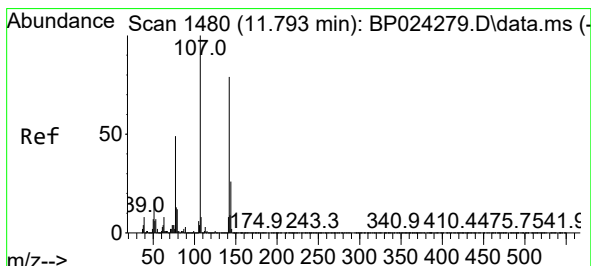
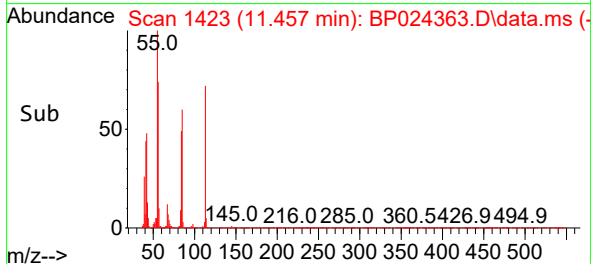
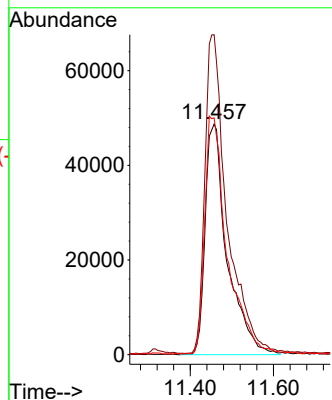
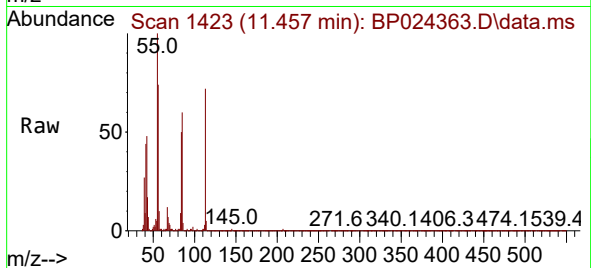




#35
Caprolactam
Concen: 40.246 ng
RT: 11.457 min Scan# 1422
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

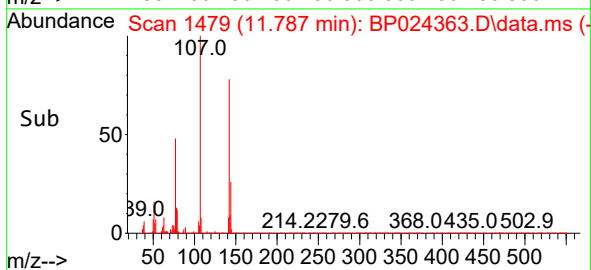
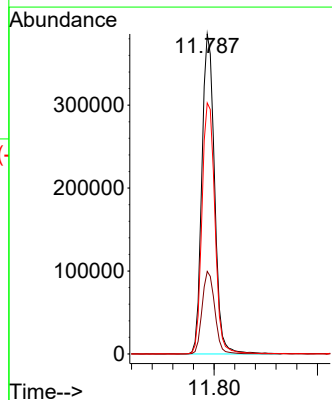
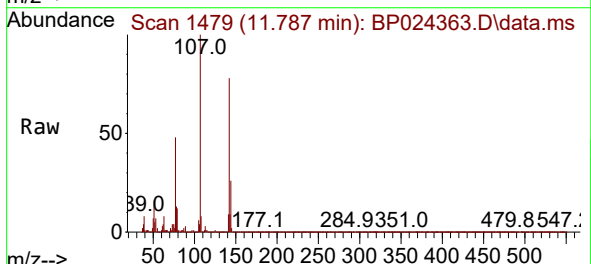
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

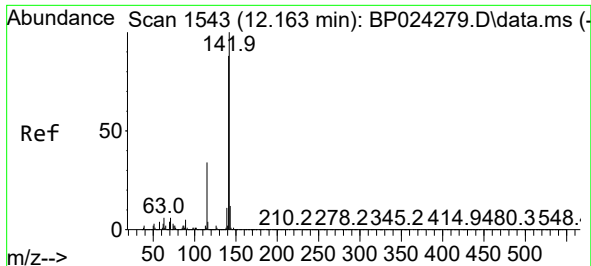
Tgt Ion:113 Resp: 178824
Ion Ratio Lower Upper
113 100
55 138.8 115.9 155.9
56 102.7 81.1 121.1



#36
4-Chloro-3-methylphenol
Concen: 46.746 ng
RT: 11.787 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:107 Resp: 655675
Ion Ratio Lower Upper
107 100
144 25.8 20.5 30.7
142 78.5 63.4 95.2

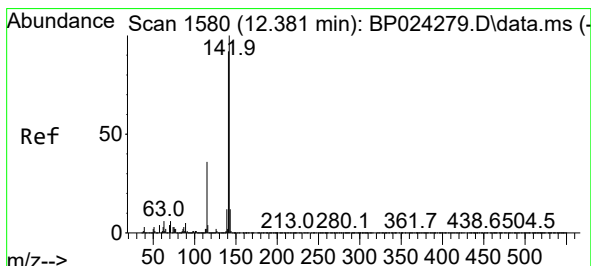
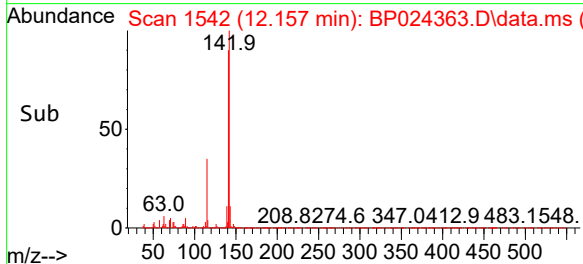
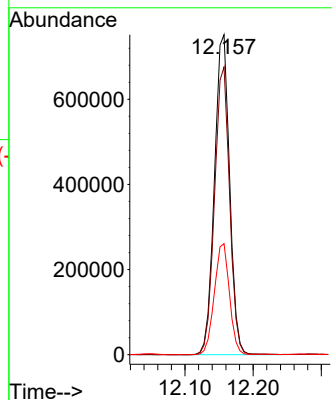
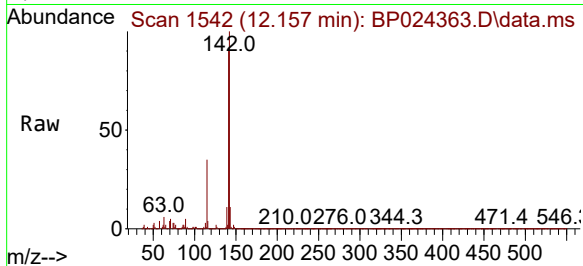




#37
2-Methylnaphthalene
Concen: 38.471 ng
RT: 12.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

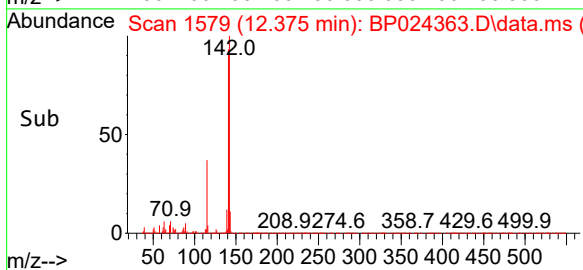
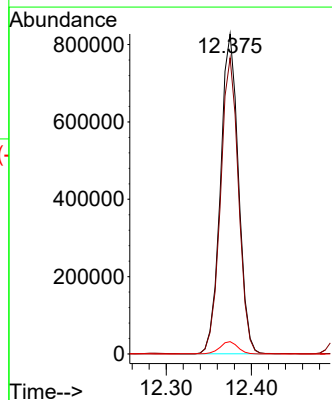
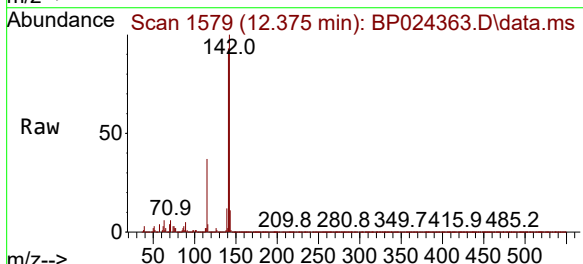
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

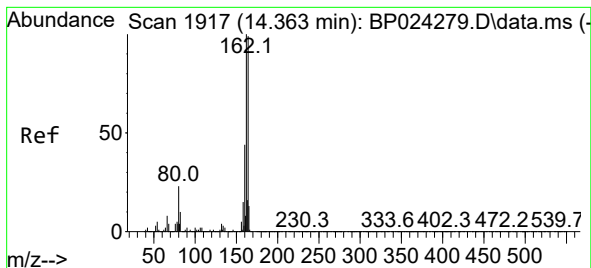
Tgt Ion:142 Resp: 1164343
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5
115 34.7 26.9 40.3



#38
1-Methylnaphthalene
Concen: 41.017 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:142 Resp: 1214435
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

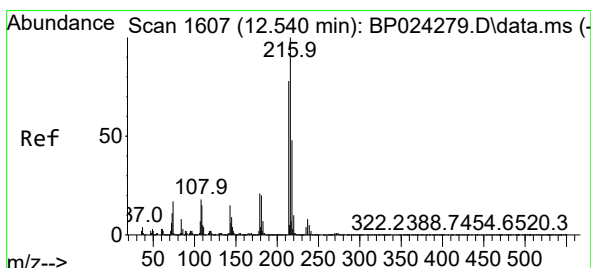
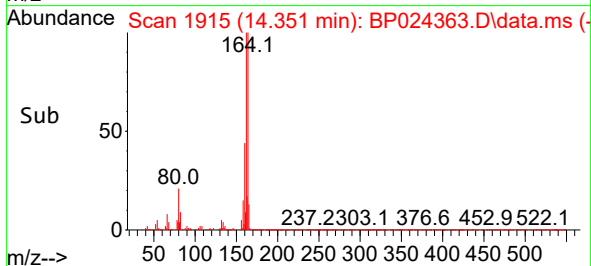
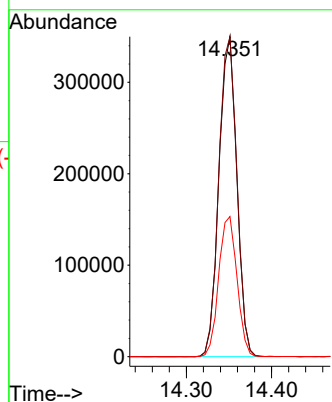
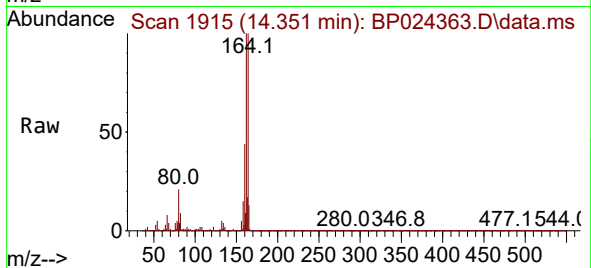
Tgt Ion:164 Resp: 508926

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 43.8 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.617 ng

RT: 12.528 min Scan# 1605

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Tgt Ion:216 Resp: 624445

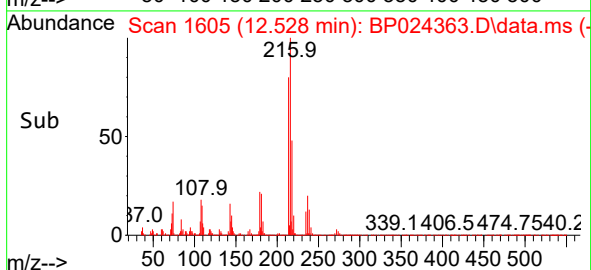
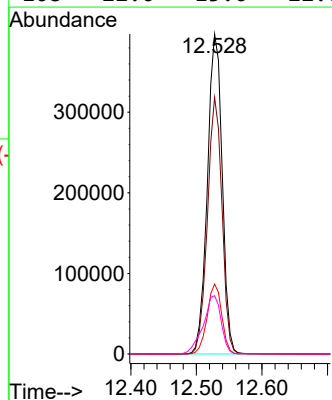
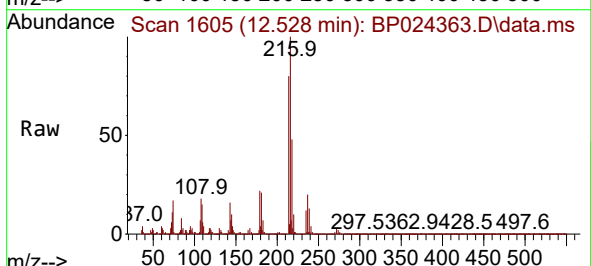
Ion Ratio Lower Upper

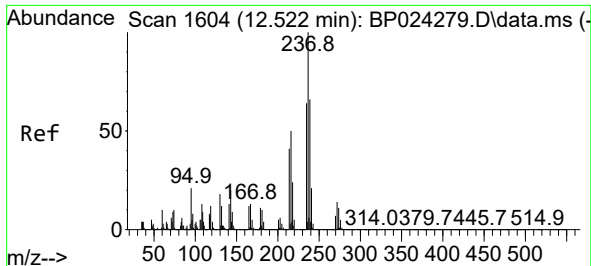
216 100

214 78.6 62.6 93.8

179 21.6 17.2 25.8

108 22.0 15.0 22.6

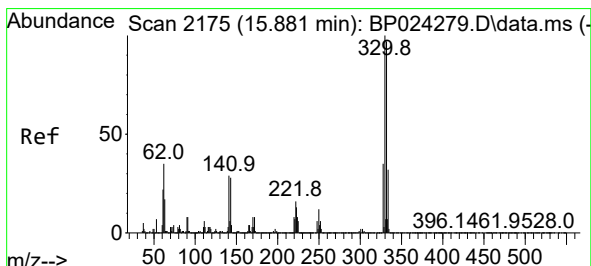
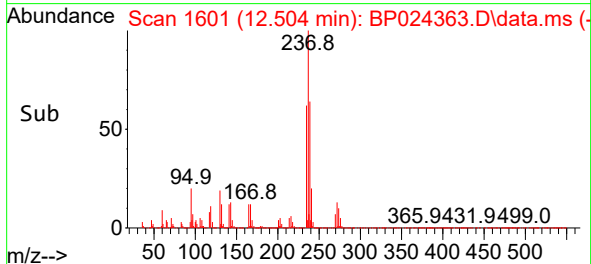
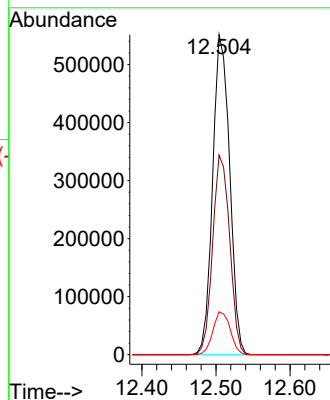
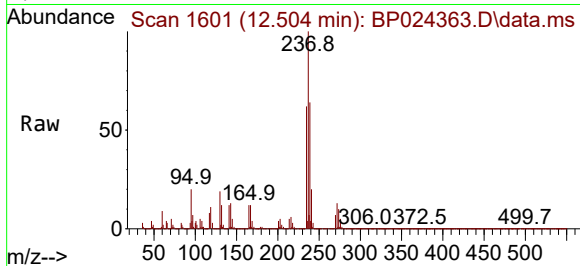




#41
Hexachlorocyclopentadiene
Concen: 177.077 ng
RT: 12.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

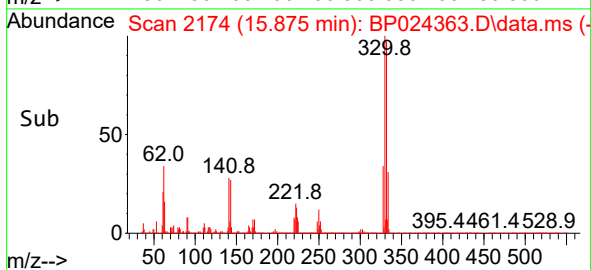
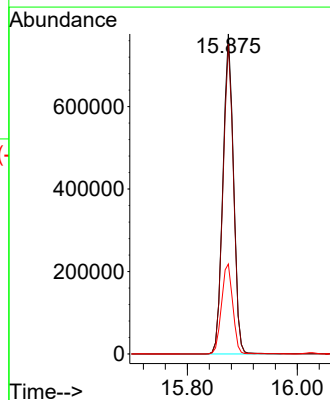
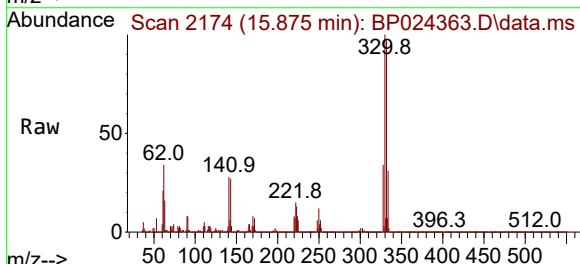
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

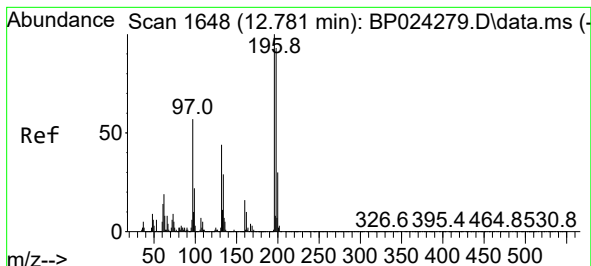
Tgt Ion:237 Resp: 876503
Ion Ratio Lower Upper
237 100
235 62.4 43.9 83.9
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 146.928 ng
RT: 15.875 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:330 Resp: 1034558
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.8 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.688 ng

RT: 12.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

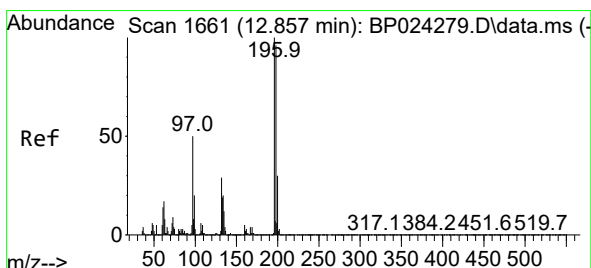
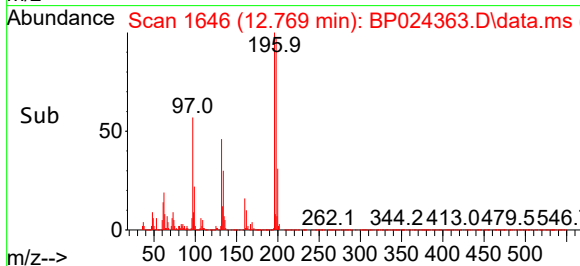
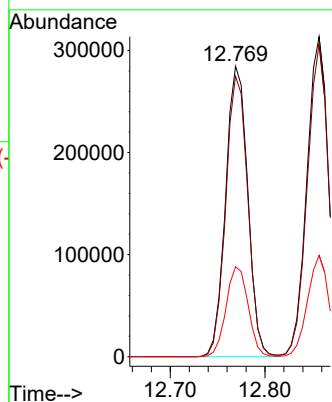
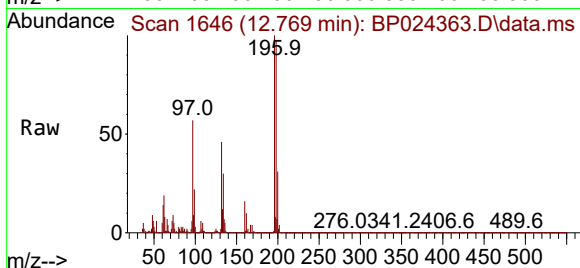
Tgt Ion:196 Resp: 462351

Ion Ratio Lower Upper

196 100

198 96.6 74.3 111.5

200 31.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.702 ng

RT: 12.857 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Tgt Ion:196 Resp: 512134

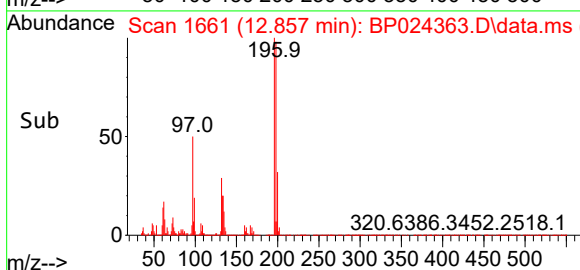
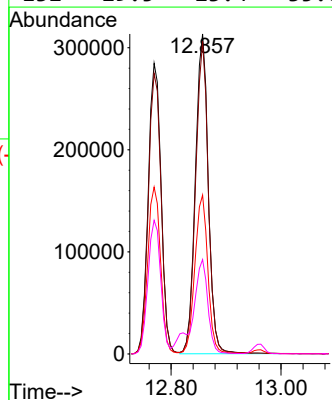
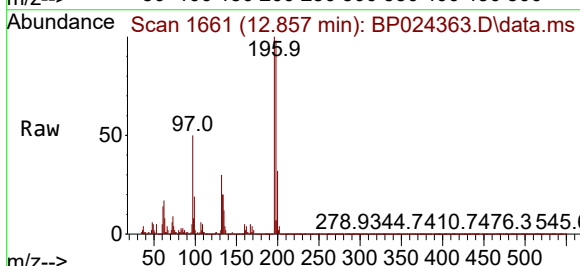
Ion Ratio Lower Upper

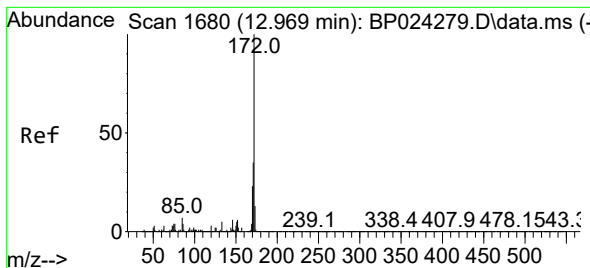
196 100

198 97.7 77.3 115.9

97 49.7 40.4 60.6

132 29.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 83.362 ng

RT: 12.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

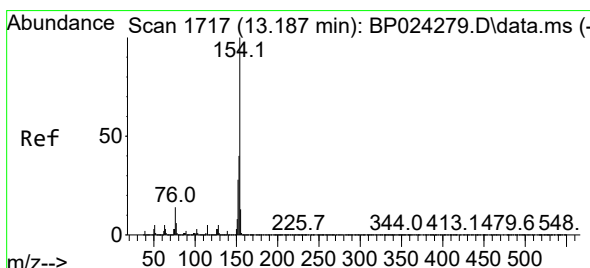
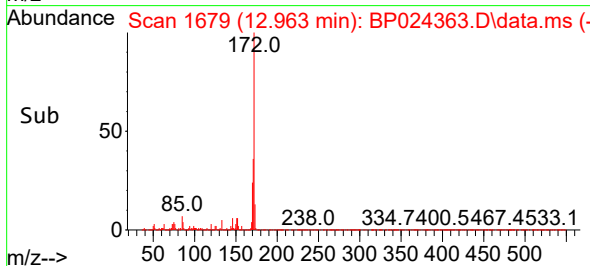
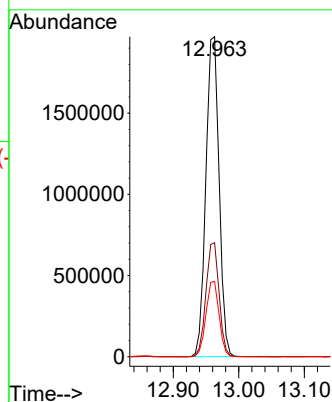
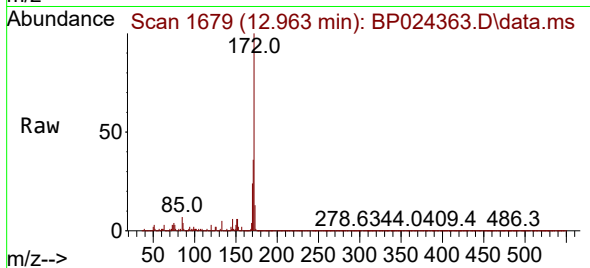
Tgt Ion:172 Resp: 2770875

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.5 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.363 ng

RT: 13.175 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

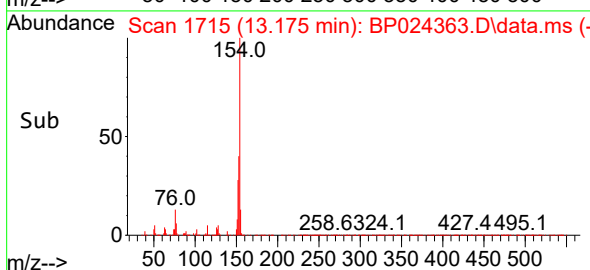
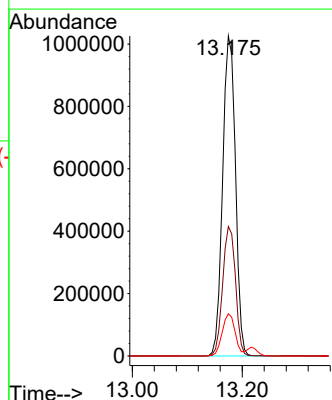
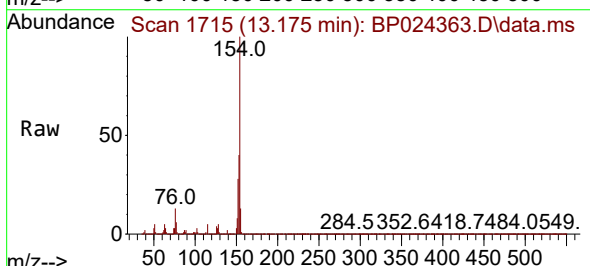
Tgt Ion:154 Resp: 1659567

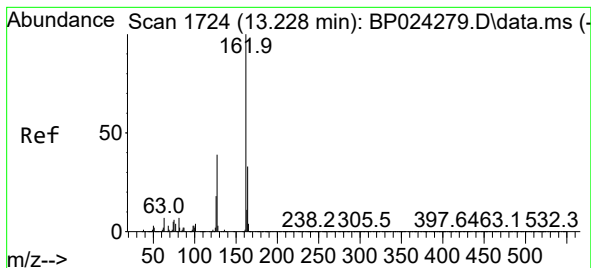
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.2 0.0 33.5





#47

2-Chloronaphthalene

Concen: 44.816 ng

RT: 13.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

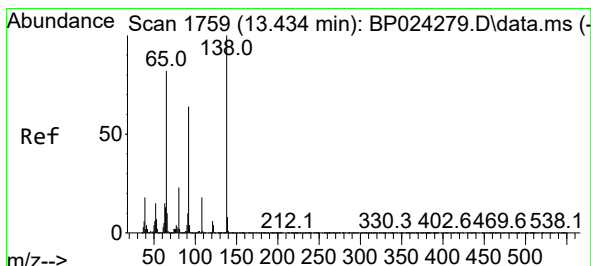
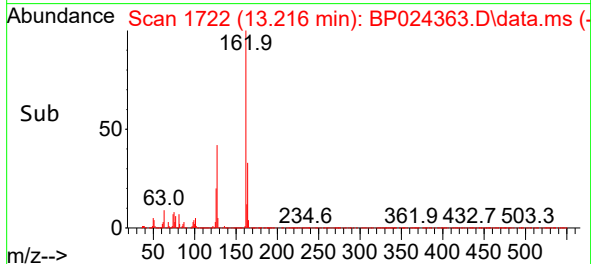
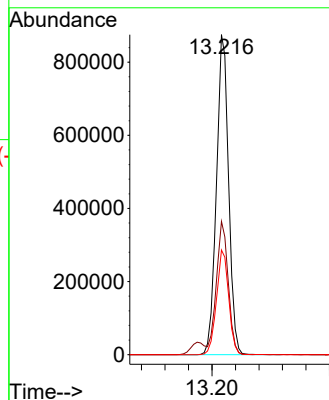
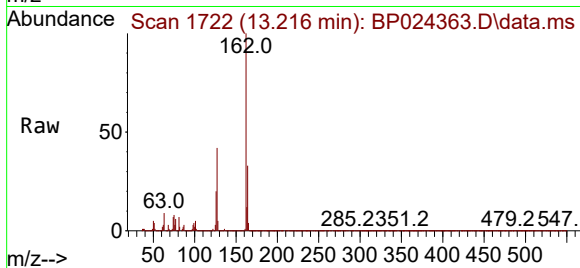
Tgt Ion:162 Resp: 1253011

Ion Ratio Lower Upper

162 100

127 41.7 31.9 47.9

164 32.7 26.2 39.4



#48

2-Nitroaniline

Concen: 50.883 ng

RT: 13.422 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

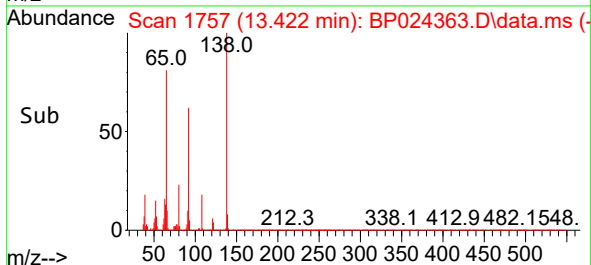
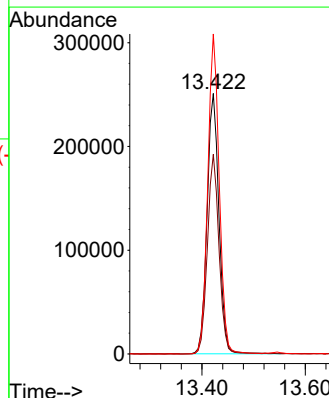
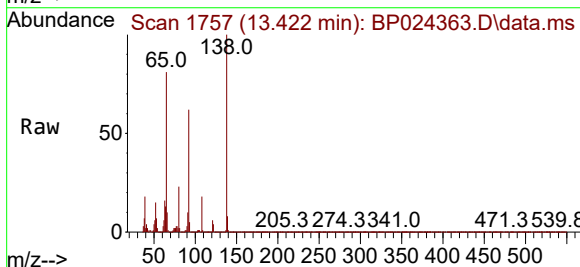
Tgt Ion: 65 Resp: 399052

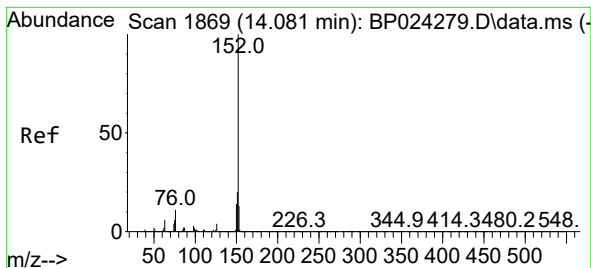
Ion Ratio Lower Upper

65 100

92 76.7 62.3 93.5

138 122.9 97.2 145.8





#49

Acenaphthylene

Concen: 49.180 ng

RT: 14.069 min Scan# 1867

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

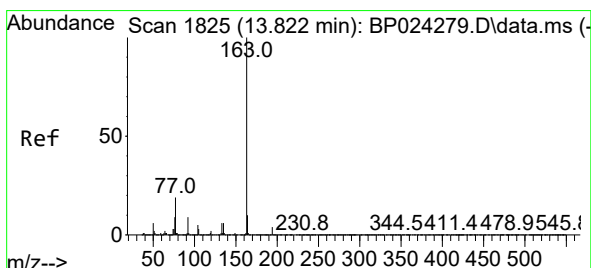
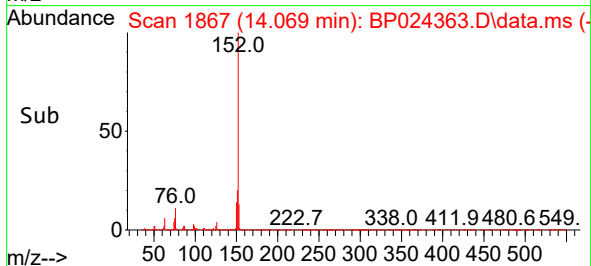
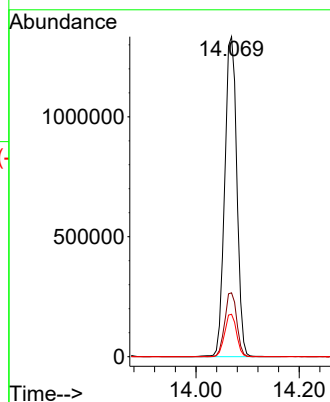
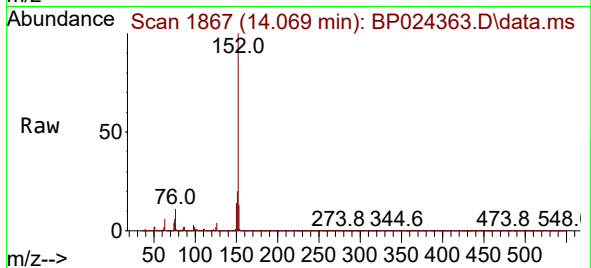
Tgt Ion:152 Resp: 2164869

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 46.327 ng

RT: 13.810 min Scan# 1823

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

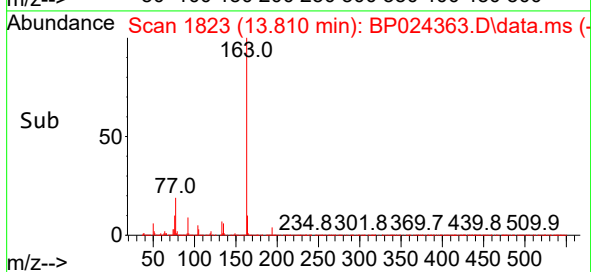
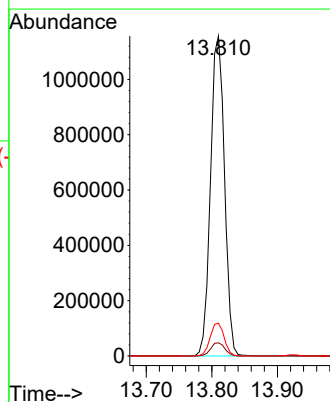
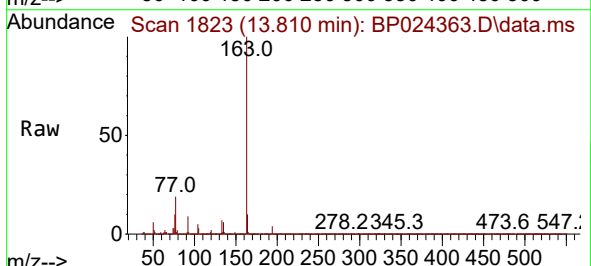
Tgt Ion:163 Resp: 1714580

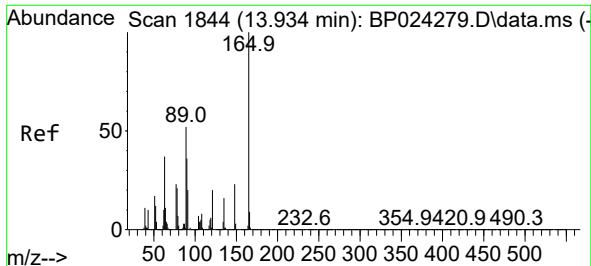
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.3 8.0 12.0

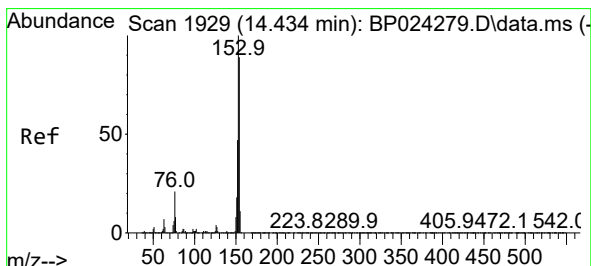
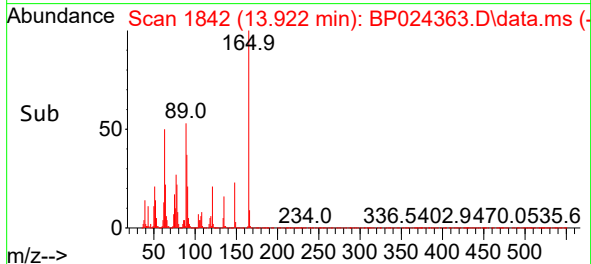
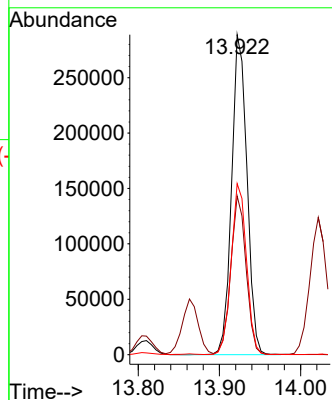
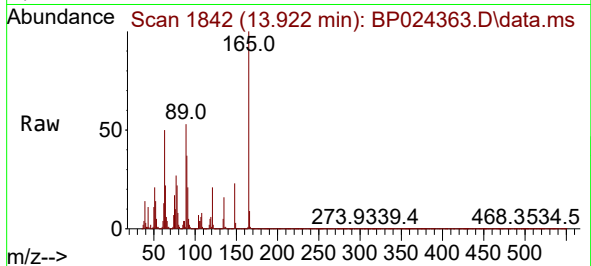




#51
2,6-Dinitrotoluene
Concen: 48.133 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

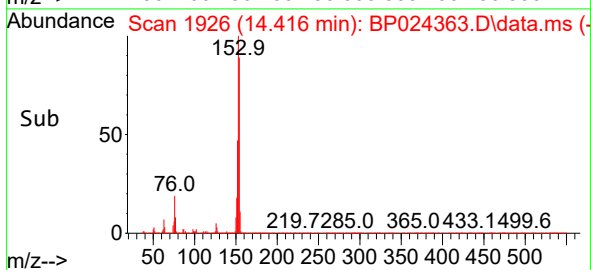
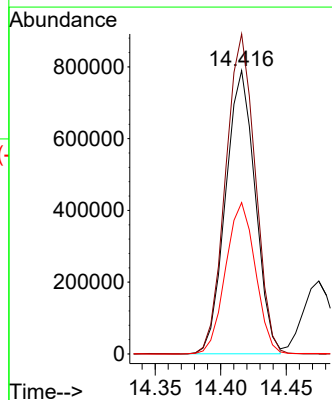
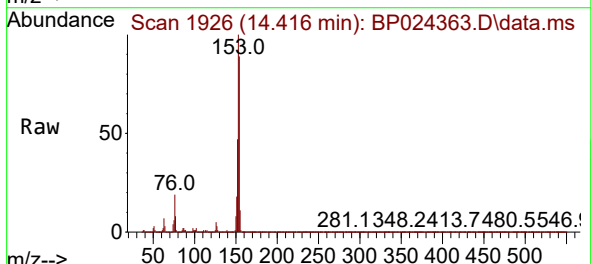
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

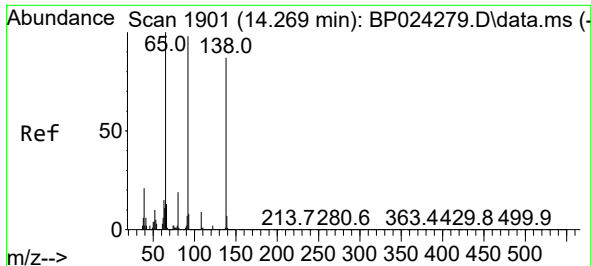
Tgt Ion:165 Resp: 378281
Ion Ratio Lower Upper
165 100
63 49.6 38.0 57.0
89 53.5 41.7 62.5



#52
Acenaphthene
Concen: 44.410 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:154 Resp: 1239327
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.6
152 53.4 42.6 63.8

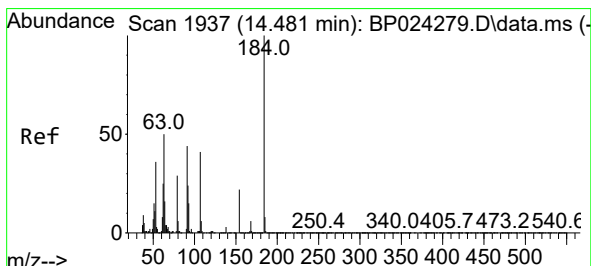
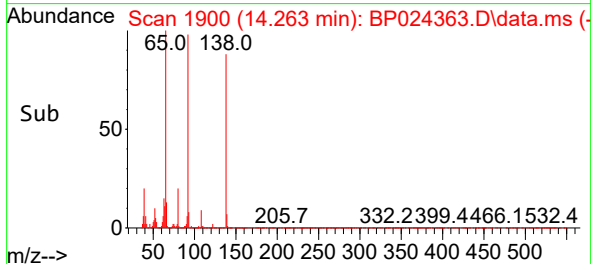
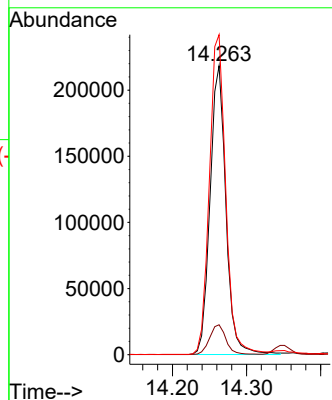
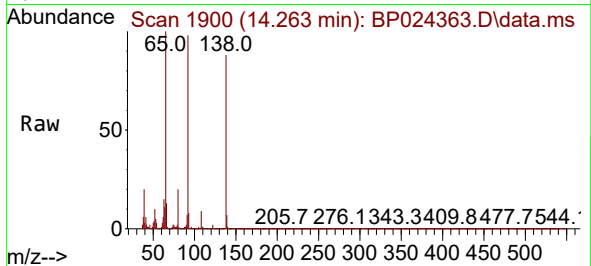




#53
3-Nitroaniline
Concen: 39.384 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

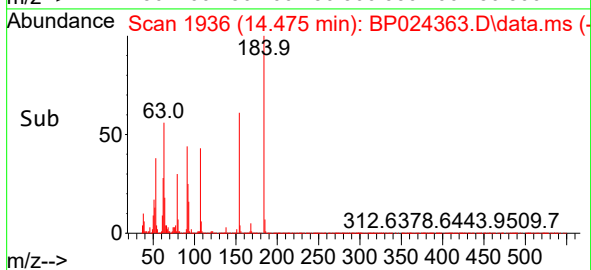
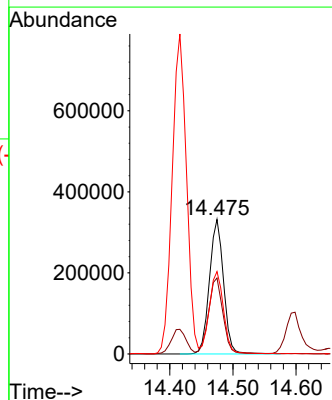
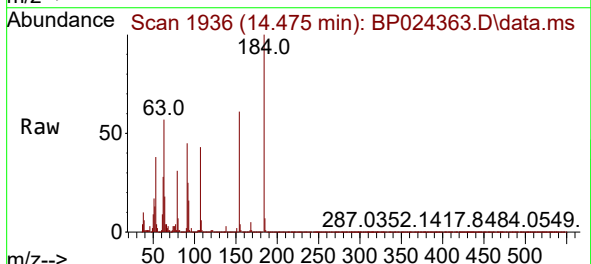
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

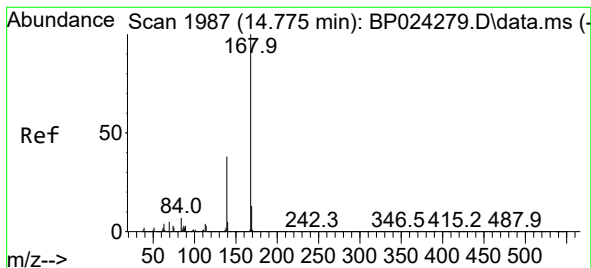
Tgt Ion:138 Resp: 325309
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 110.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 111.689 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:184 Resp: 517045
Ion Ratio Lower Upper
184 100
63 56.5 42.6 64.0
154 61.3 47.2 70.8





#55

Dibenzenofuran

Concen: 43.238 ng

RT: 14.757 min Scan# 1984

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

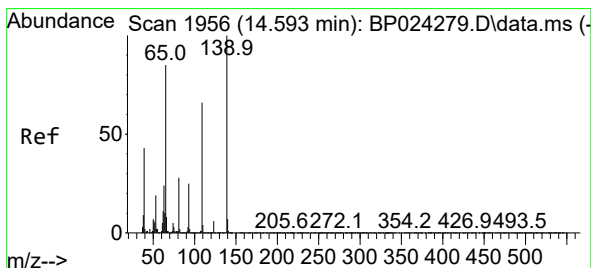
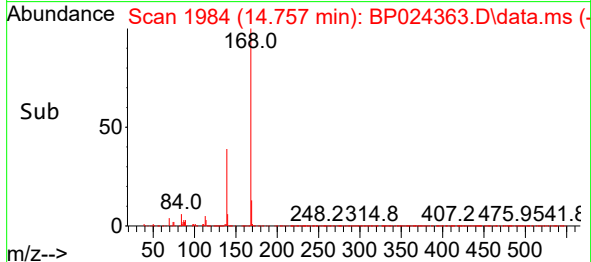
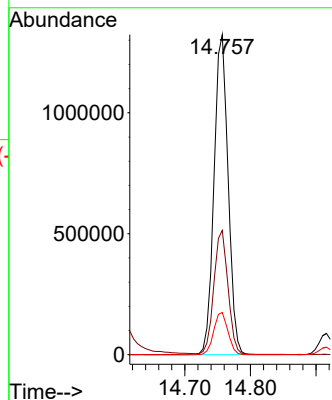
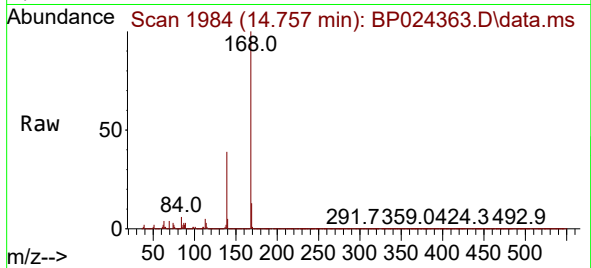
Tgt Ion:168 Resp: 1972328

Ion Ratio Lower Upper

168 100

139 38.9 30.3 45.5

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 104.507 ng

RT: 14.598 min Scan# 1957

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

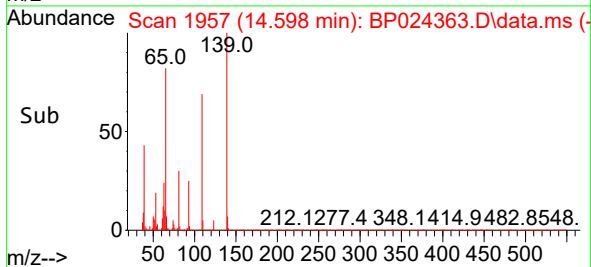
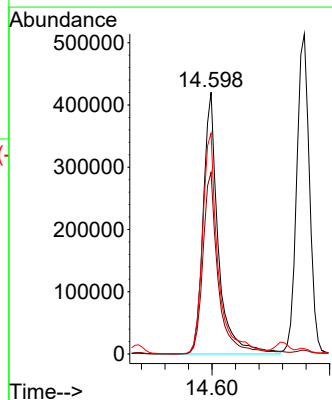
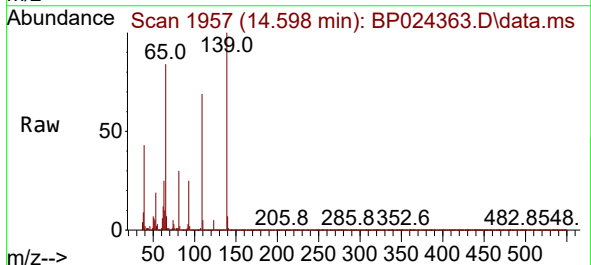
Tgt Ion:139 Resp: 745522

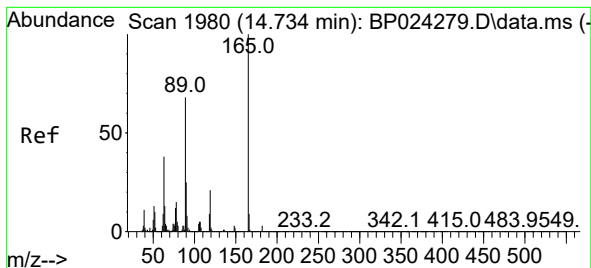
Ion Ratio Lower Upper

139 100

109 69.4 46.1 86.1

65 84.4 65.0 105.0

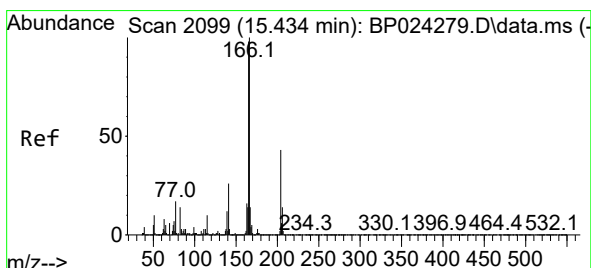
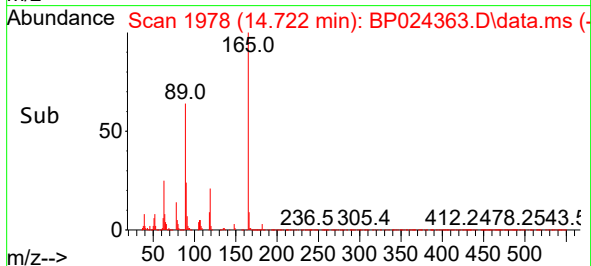
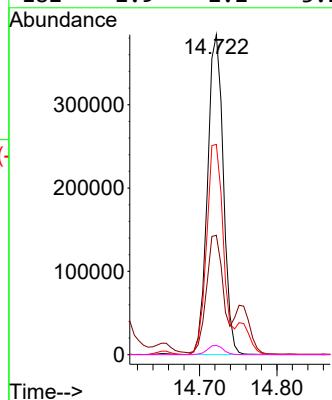
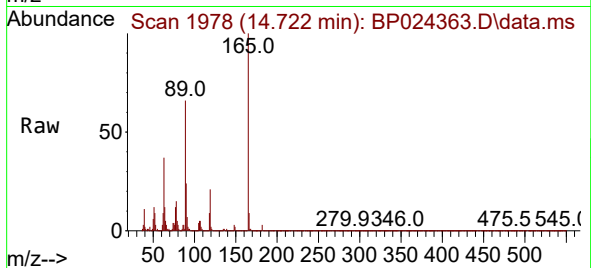




#57
2,4-Dinitrotoluene
Concen: 50.696 ng
RT: 14.722 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

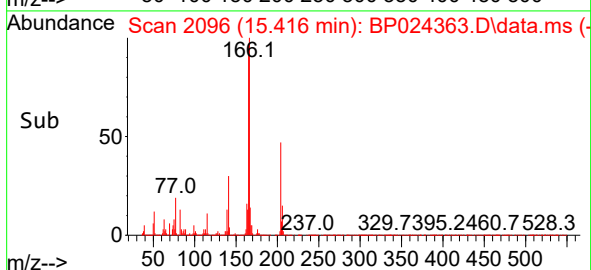
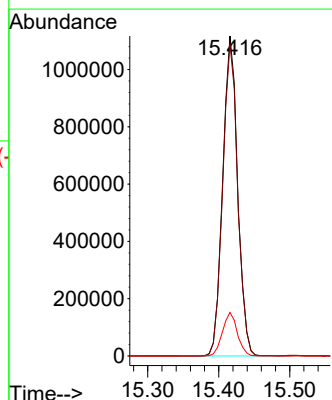
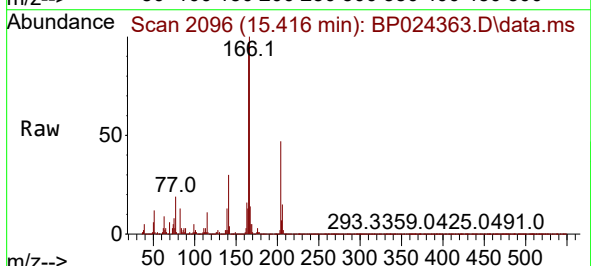
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

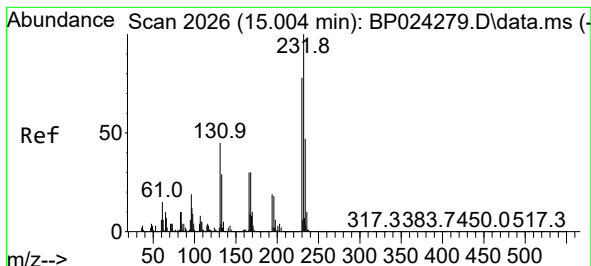
Tgt Ion:165 Resp: 543495
Ion Ratio Lower Upper
165 100
63 37.3 30.4 45.6
89 65.7 54.6 82.0
182 2.9 2.2 3.2



#58
Fluorene
Concen: 45.952 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:166 Resp: 1622670
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.6 10.9 16.3

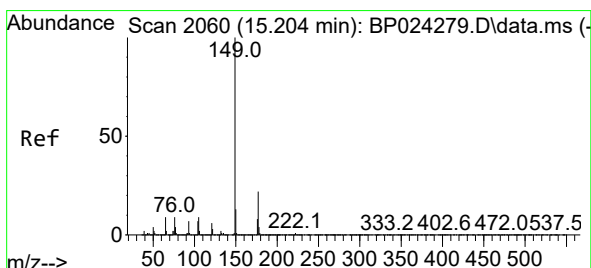
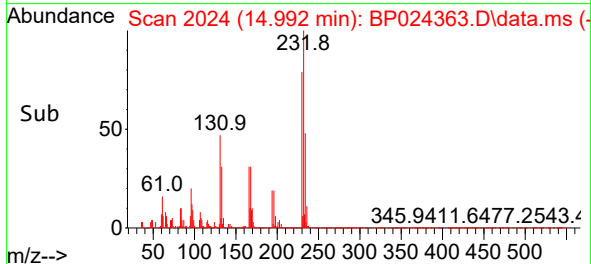
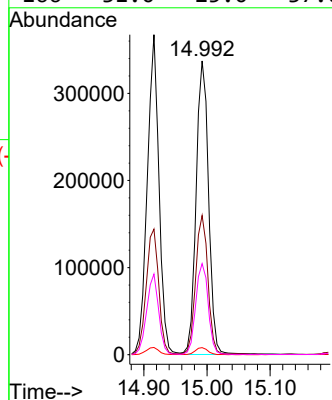
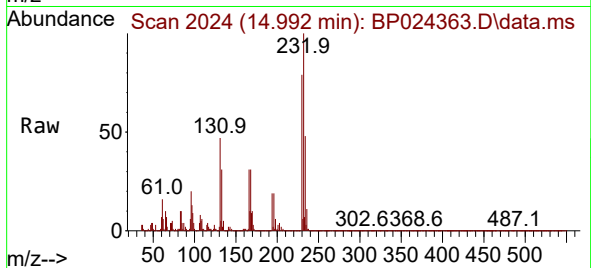




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.461 ng
RT: 14.992 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

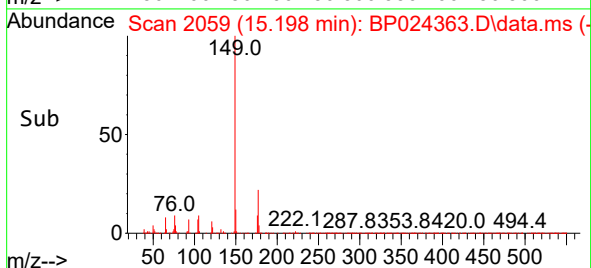
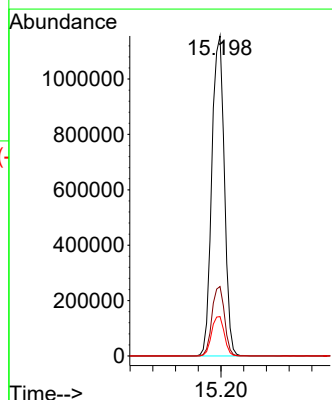
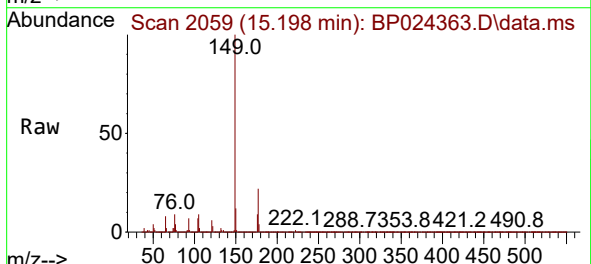
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

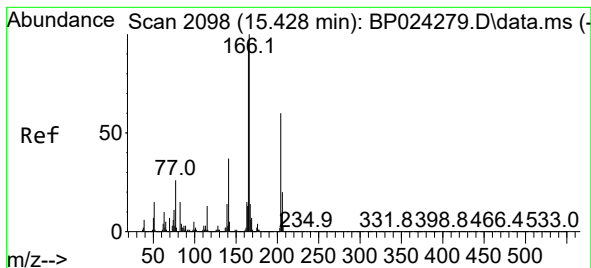
Tgt Ion:232 Resp: 460549
Ion Ratio Lower Upper
232 100
131 47.0 36.8 55.2
130 2.5 1.9 2.9
166 31.0 25.0 37.6



#60
Diethylphthalate
Concen: 46.111 ng
RT: 15.198 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:149 Resp: 1758661
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.3 10.1 15.1

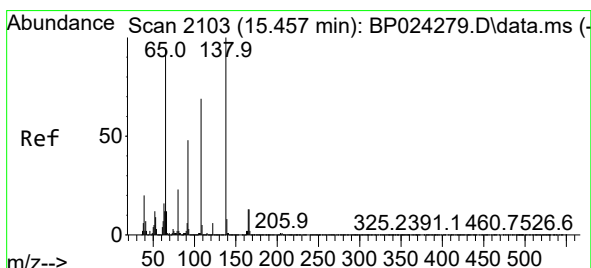
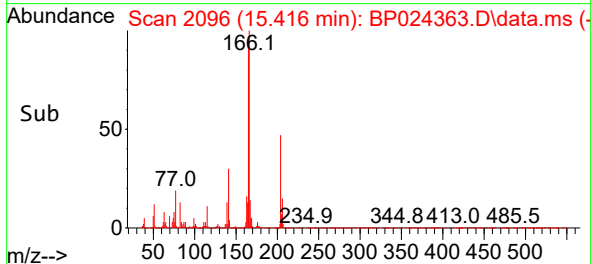
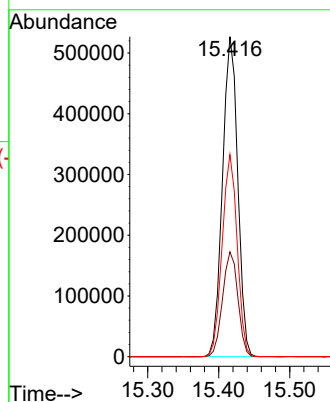
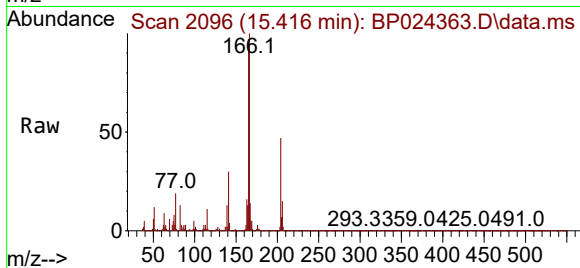




#61
4-Chlorophenyl-phenylether
Concen: 45.609 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

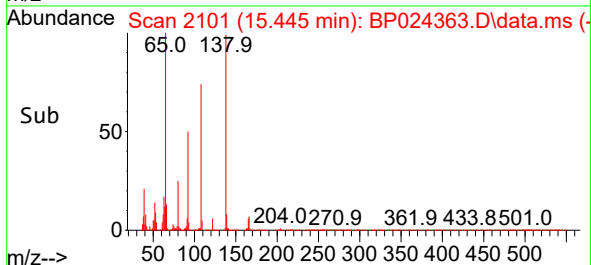
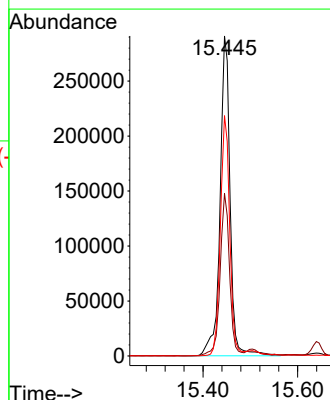
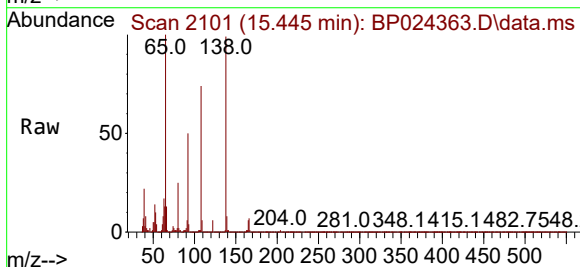
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

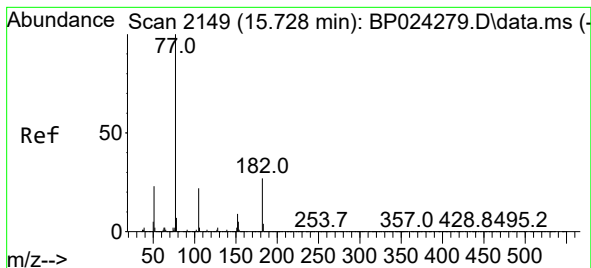
Tgt Ion:204 Resp: 782088
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 63.2 49.4 74.0



#62
4-Nitroaniline
Concen: 49.039 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:138 Resp: 428802
Ion Ratio Lower Upper
138 100
92 50.8 27.8 67.8
108 75.1 48.9 88.9

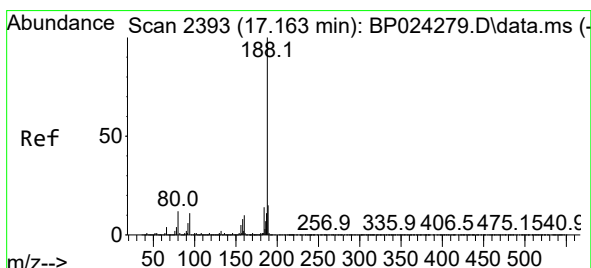
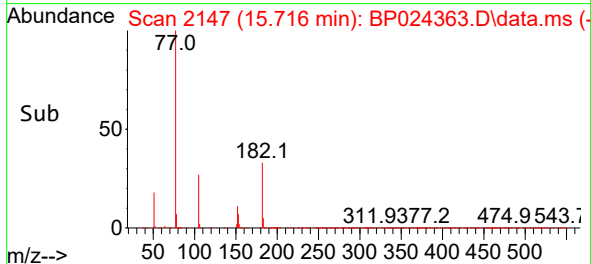
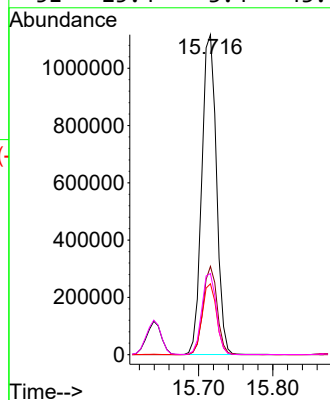
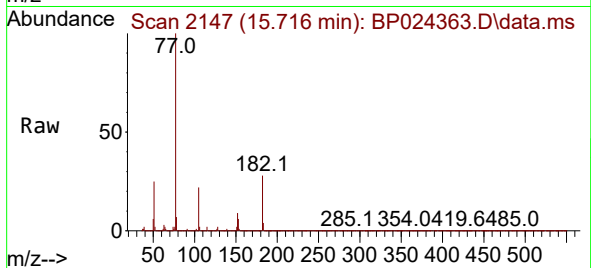




#63
Azobenzene
Concen: 43.835 ng
RT: 15.716 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

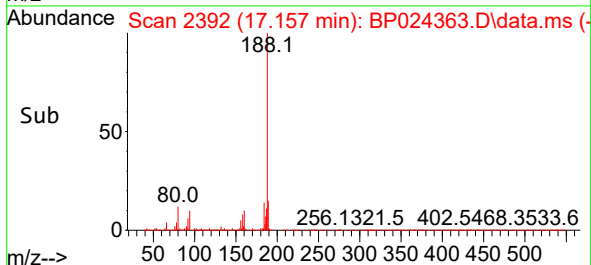
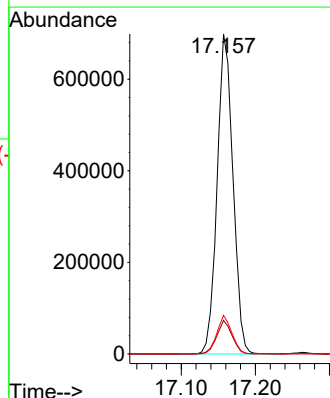
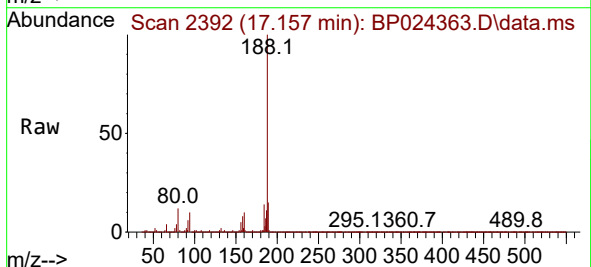
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

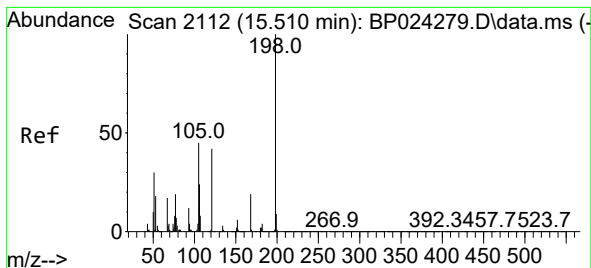
Tgt Ion: 77 Resp: 1536628
Ion Ratio Lower Upper
77 100
182 27.6 7.3 47.3
105 22.2 2.3 42.3
51 25.4 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion: 188 Resp: 1036713
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 12.1 9.8 14.6

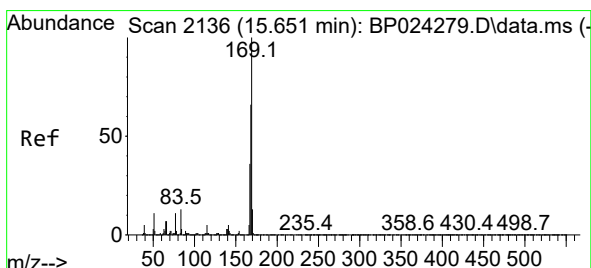
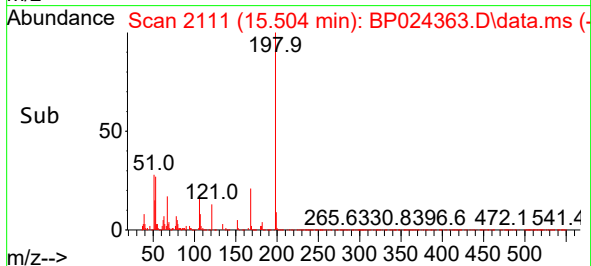
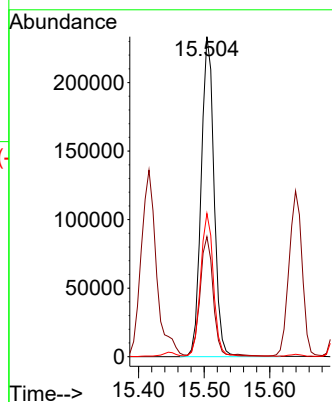
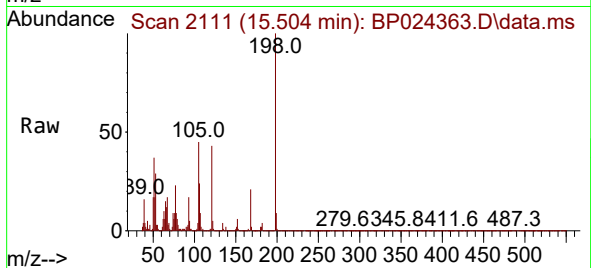




#65
4,6-Dinitro-2-methylphenol
Concen: 48.963 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

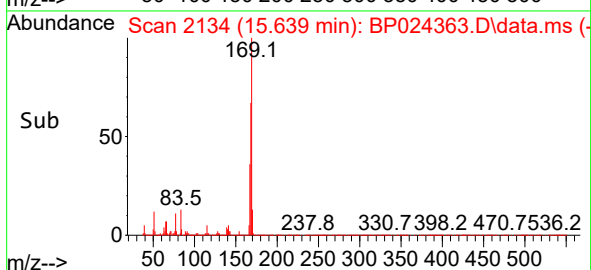
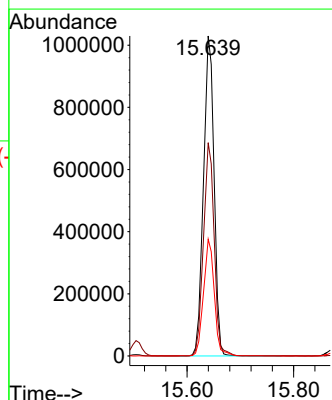
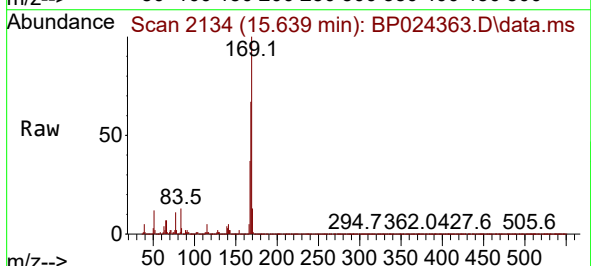
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

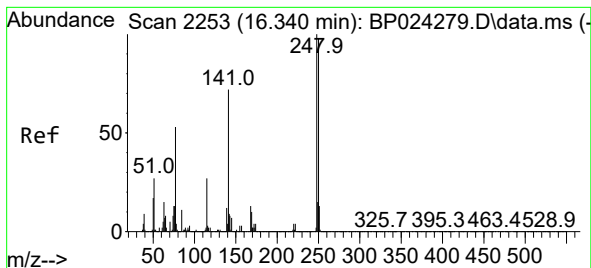
Tgt Ion:198 Resp: 320024
Ion Ratio Lower Upper
198 100
51 37.5 18.4 58.4
105 44.7 26.5 66.5



#66
n-Nitrosodiphenylamine
Concen: 45.882 ng
RT: 15.639 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:169 Resp: 1419737
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.5 28.9 43.3

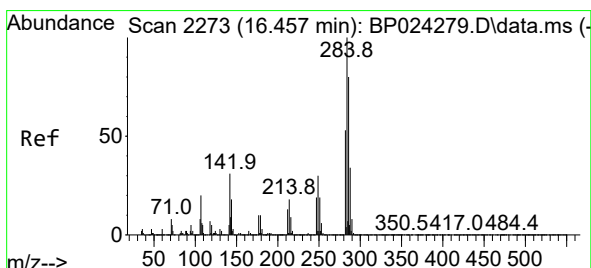
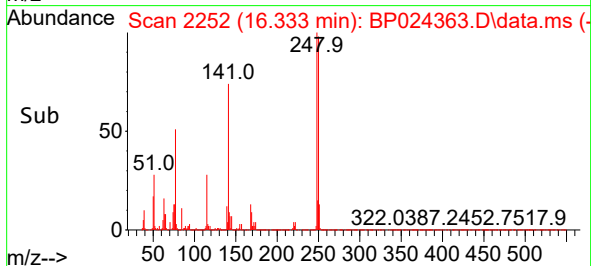
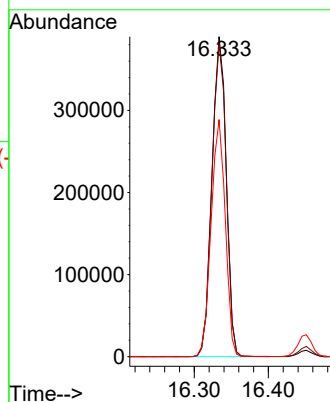
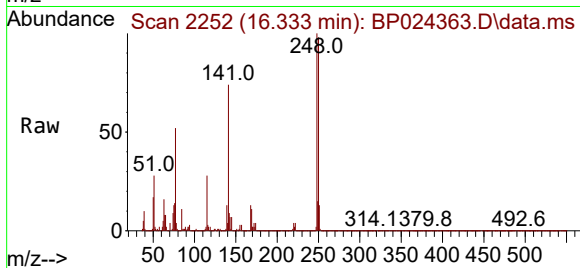




#67
4-Bromophenyl-phenylether
Concen: 46.191 ng
RT: 16.333 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

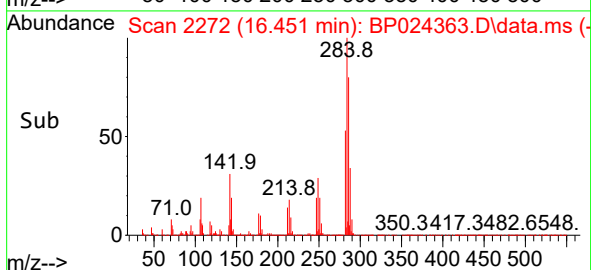
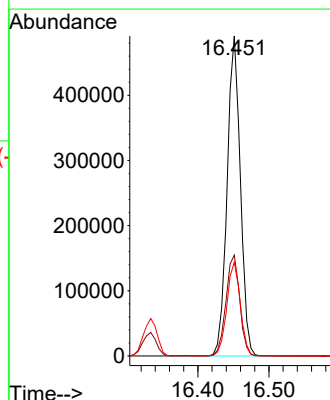
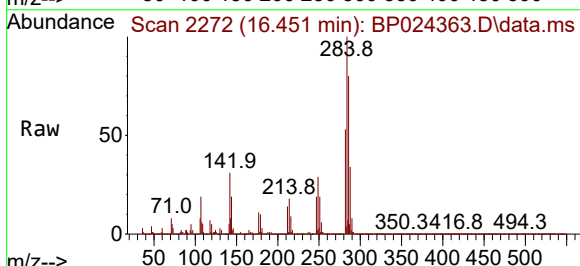
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

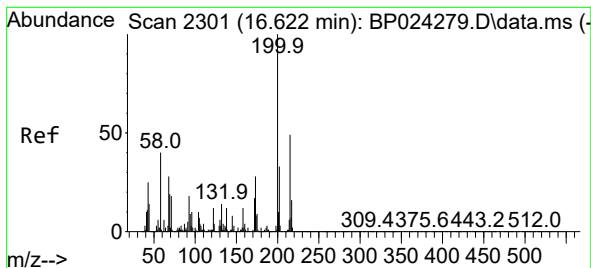
Tgt Ion:248 Resp: 523726
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 74.1 57.7 86.5



#68
Hexachlorobenzene
Concen: 47.000 ng
RT: 16.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:284 Resp: 633228
Ion Ratio Lower Upper
284 100
142 31.5 24.6 37.0
249 29.3 23.8 35.6





#69

Atrazine

Concen: 63.435 ng

RT: 16.622 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

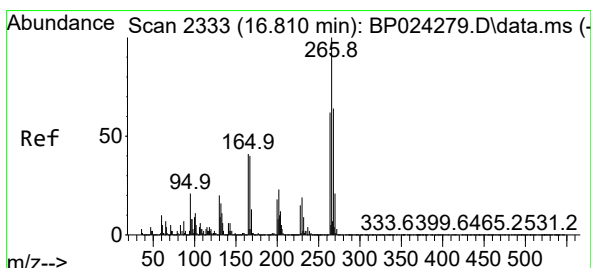
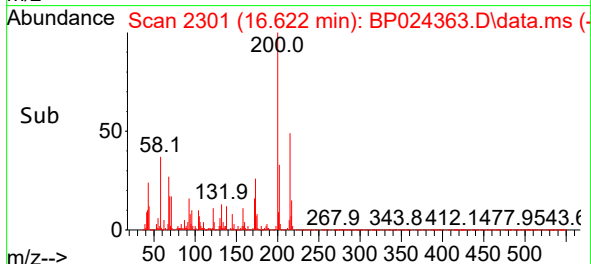
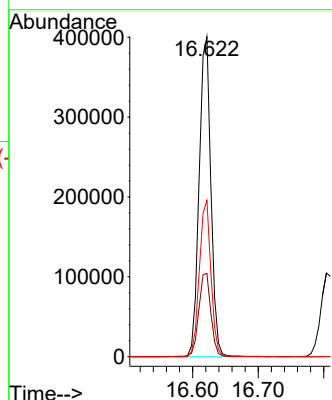
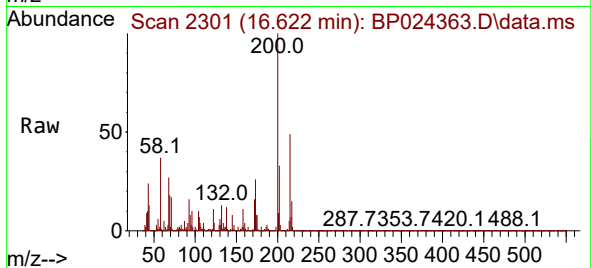
Tgt Ion:200 Resp: 499934

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

215 48.9 28.8 68.8



#70

Pentachlorophenol

Concen: 98.739 ng

RT: 16.804 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

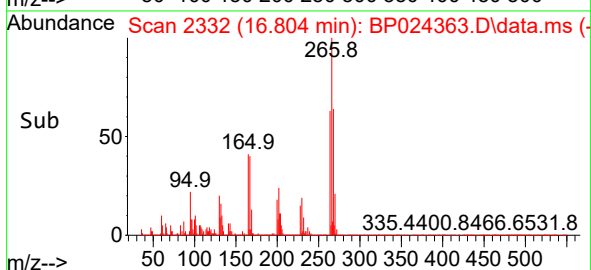
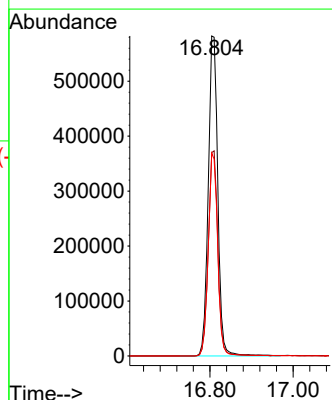
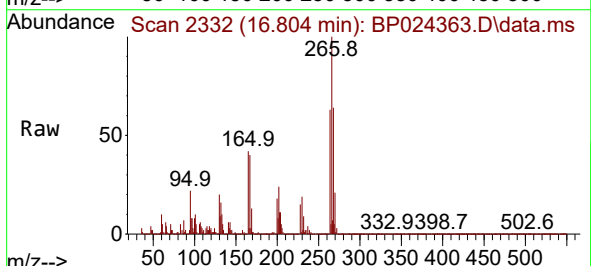
Tgt Ion:266 Resp: 928070

Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

264 63.4 49.8 74.6





#71

Phenanthrene

Concen: 46.024 ng

RT: 17.204 min Scan# 2400

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

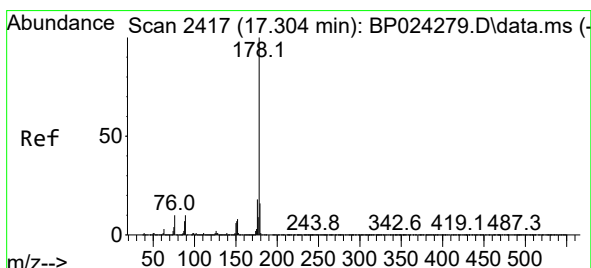
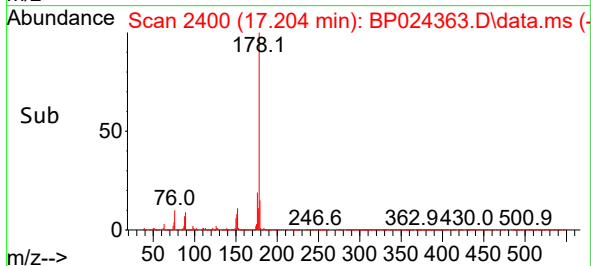
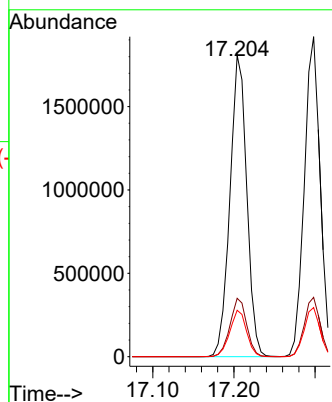
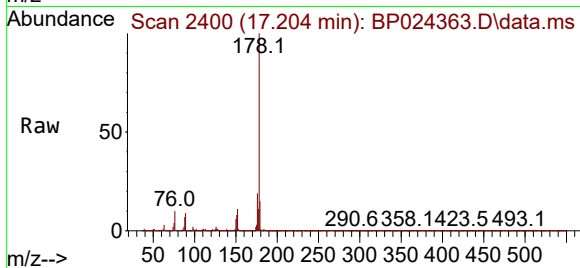
Tgt Ion:178 Resp: 2602926

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.4 12.5 18.7



#72

Anthracene

Concen: 47.850 ng

RT: 17.298 min Scan# 2416

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

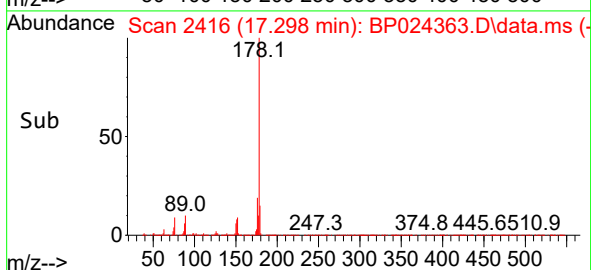
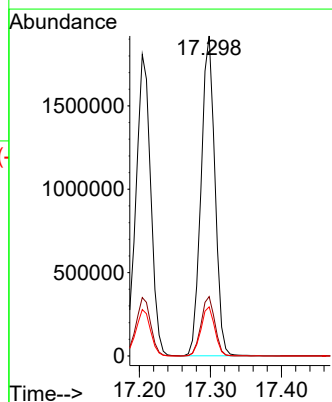
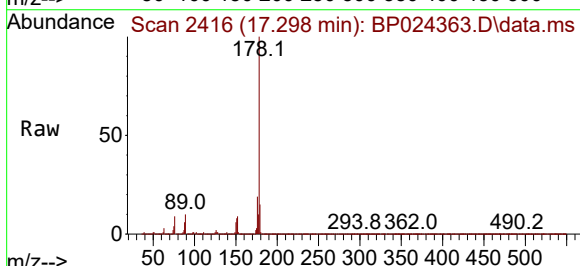
Tgt Ion:178 Resp: 2608198

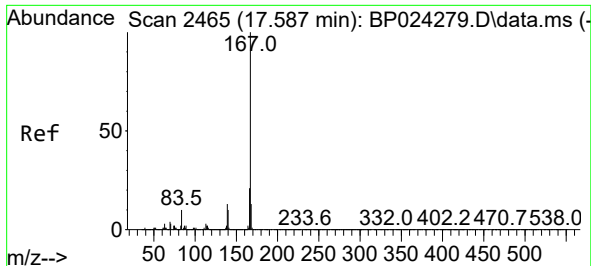
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.4 12.4 18.6

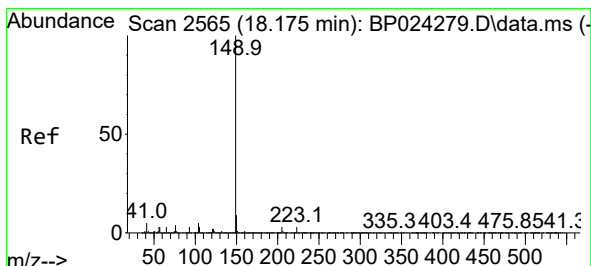
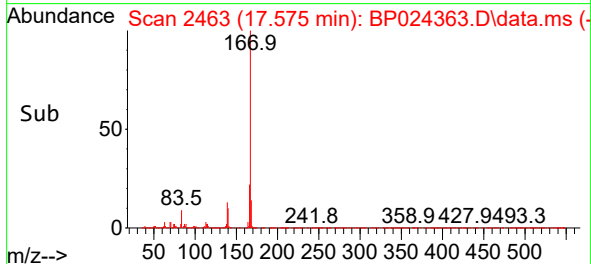
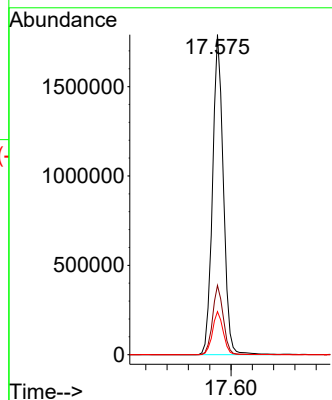
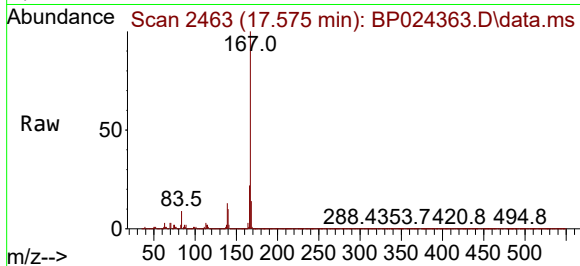




#73
 Carbazole
 Concen: 47.412 ng
 RT: 17.575 min Scan# 2463
 Delta R.T. 0.006 min
 Lab File: BP024363.D
 Acq: 21 Apr 2025 15:36

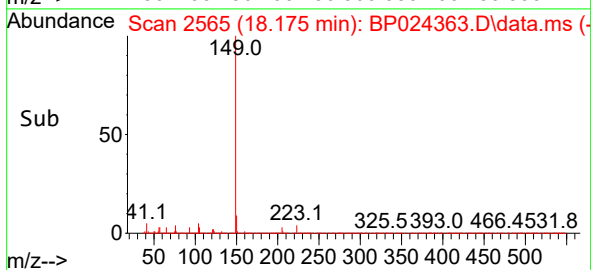
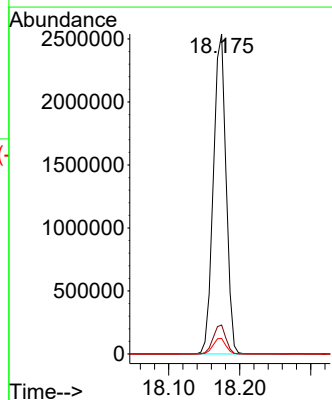
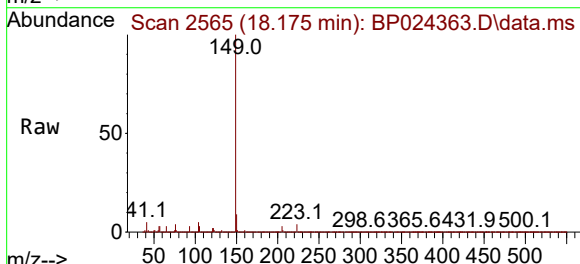
Instrument :
 BNA_P
 ClientSampleId :
 TP-9MSD

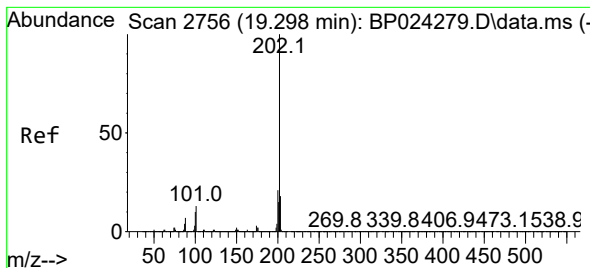
Tgt Ion:167 Resp: 2525114
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.406 ng
 RT: 18.175 min Scan# 2565
 Delta R.T. 0.018 min
 Lab File: BP024363.D
 Acq: 21 Apr 2025 15:36

Tgt Ion:149 Resp: 3145554
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 46.468 ng

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

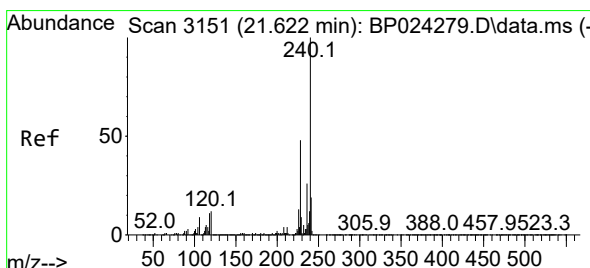
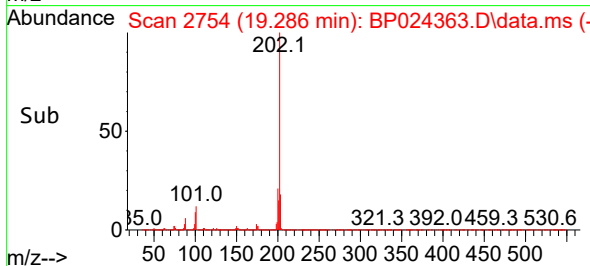
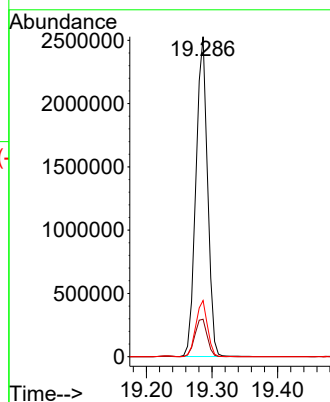
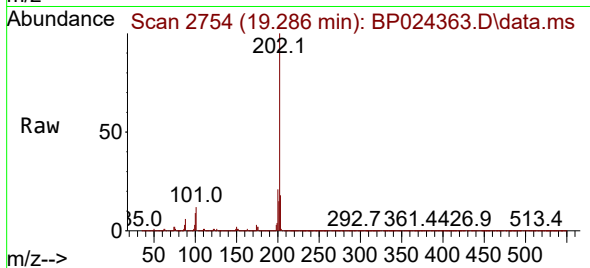
Tgt Ion:202 Resp: 3125592

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

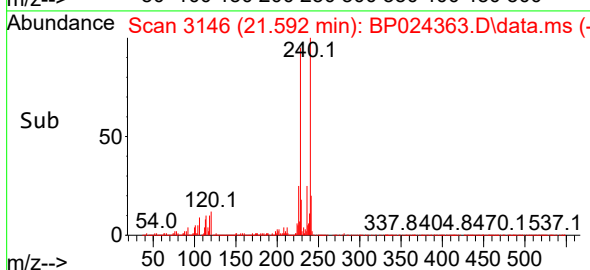
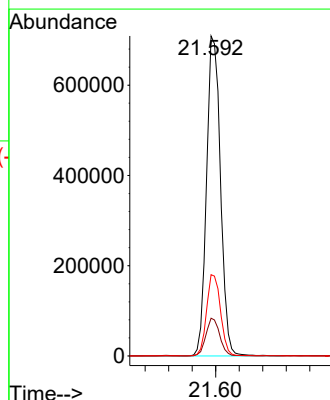
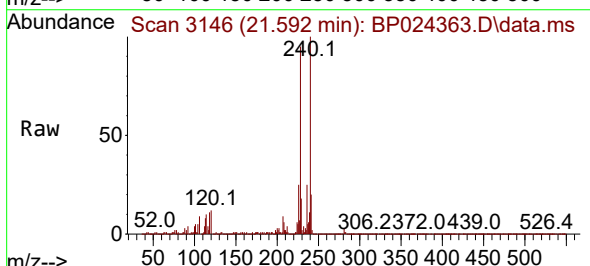
Tgt Ion:240 Resp: 1166964

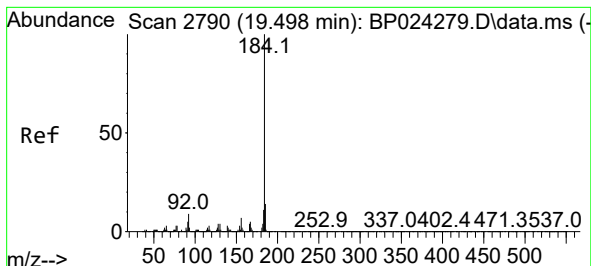
Ion Ratio Lower Upper

240 100

120 11.8 9.8 14.8

236 25.4 20.9 31.3





#77

Benzidine

Concen: 45.674 ng

RT: 19.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

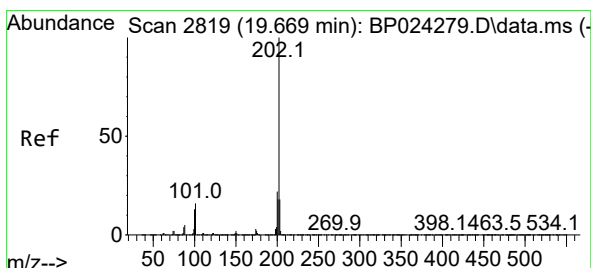
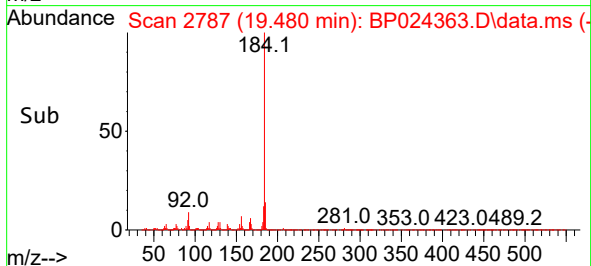
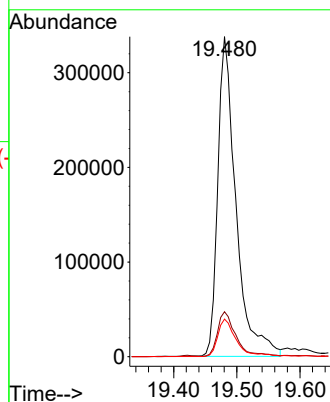
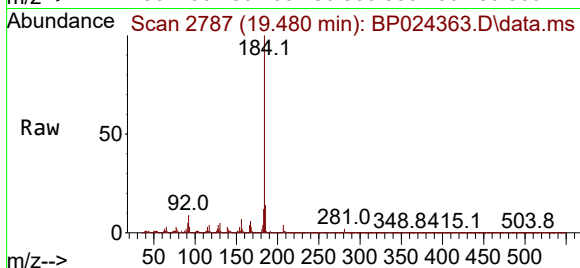
Tgt Ion:184 Resp: 675615

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 11.8 9.2 13.8



#78

Pyrene

Concen: 43.741 ng

RT: 19.663 min Scan# 2818

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

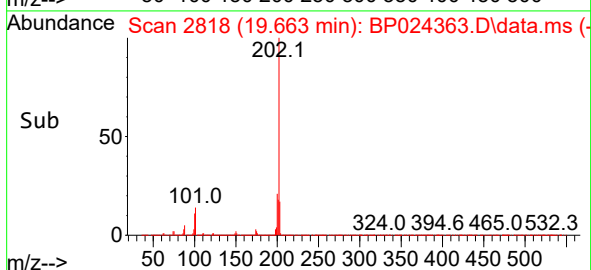
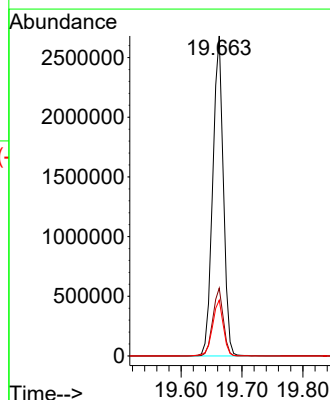
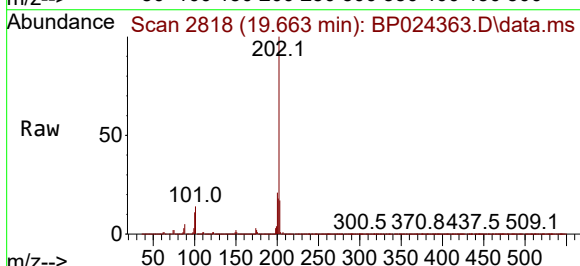
Tgt Ion:202 Resp: 3243932

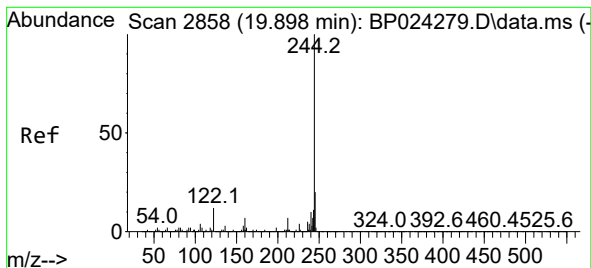
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.4 14.4 21.6





#79

Terphenyl-d14

Concen: 87.059 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

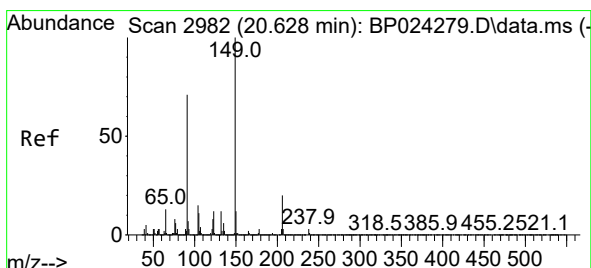
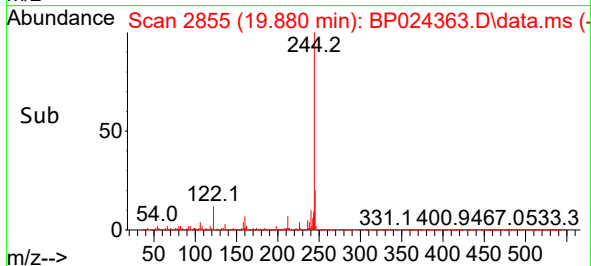
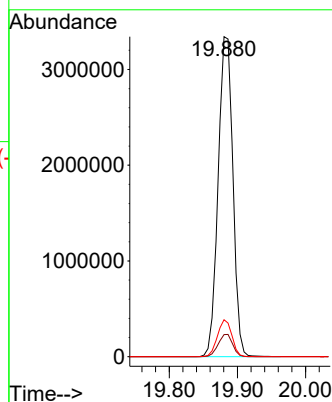
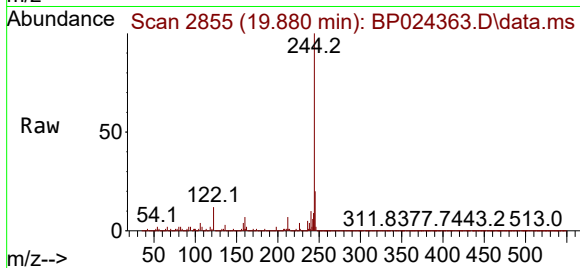
Tgt Ion:244 Resp: 5040353

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.6 9.4 14.0



#80

Butylbenzylphthalate

Concen: 47.441 ng

RT: 20.616 min Scan# 2980

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

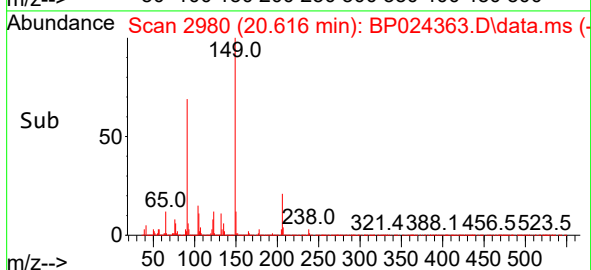
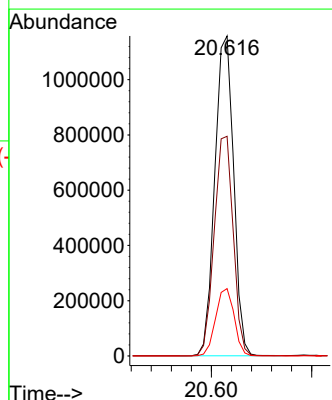
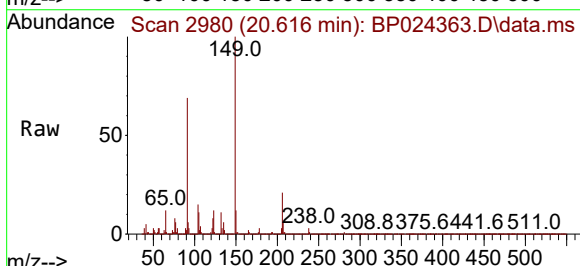
Tgt Ion:149 Resp: 1506973

Ion Ratio Lower Upper

149 100

91 68.7 56.4 84.6

206 21.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.889 ng

RT: 21.580 min Scan# 3147

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

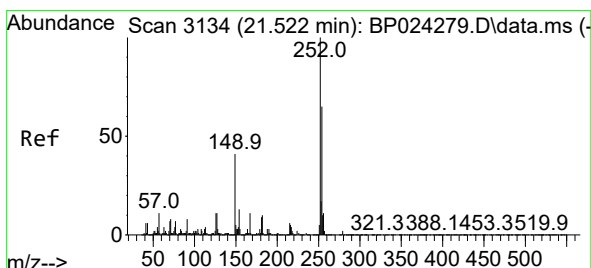
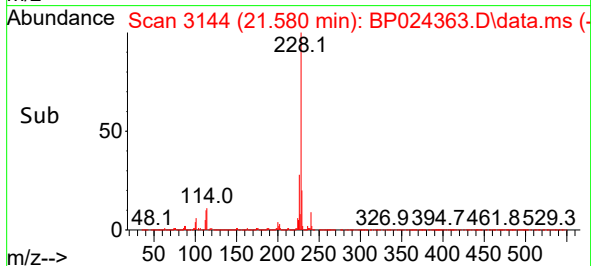
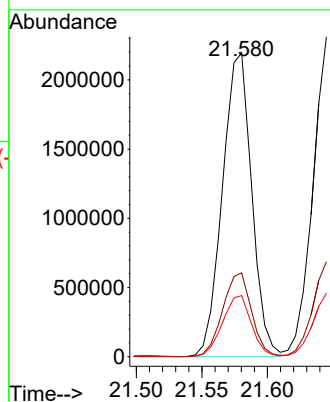
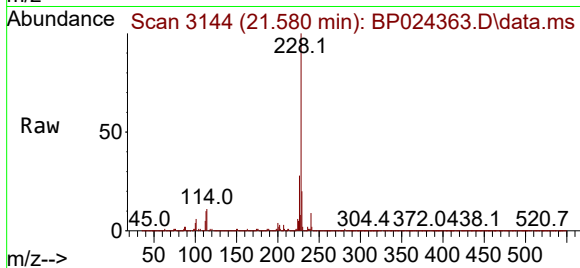
Tgt Ion:228 Resp: 3401020

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 29.790 ng

RT: 21.504 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

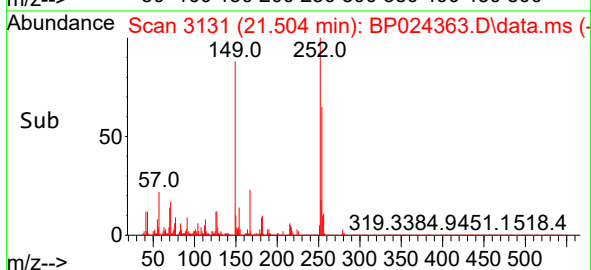
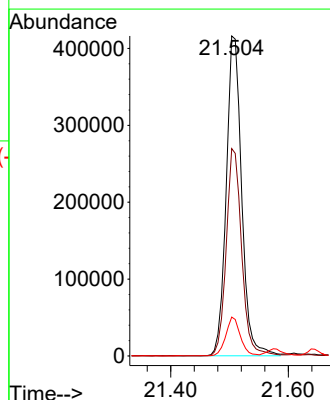
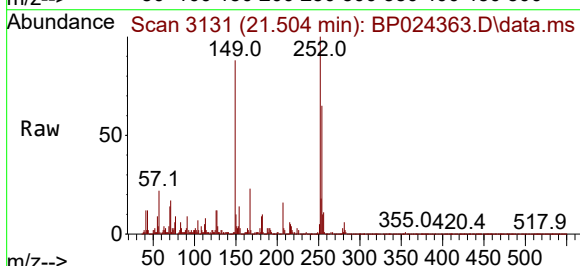
Tgt Ion:252 Resp: 758412

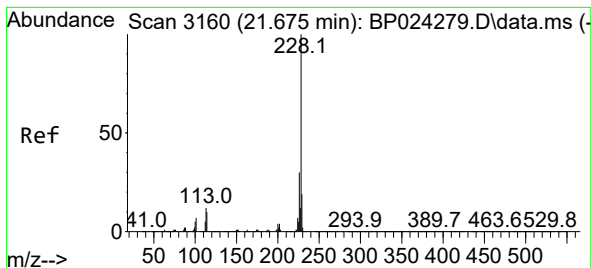
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 12.1 8.8 13.2





#83

Chrysene

Concen: 46.309 ng

RT: 21.645 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

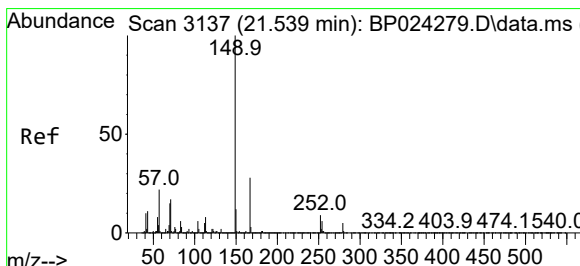
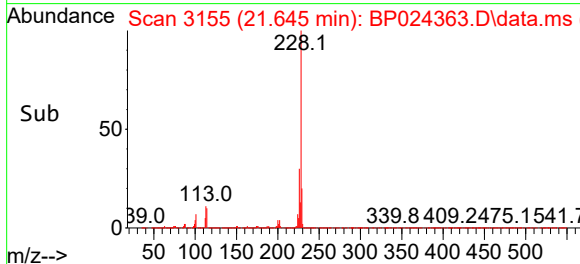
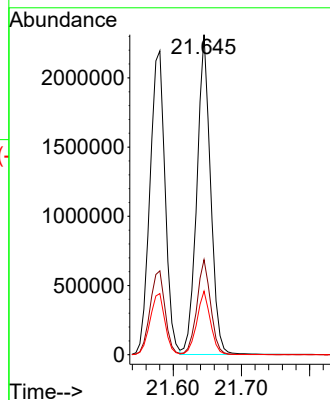
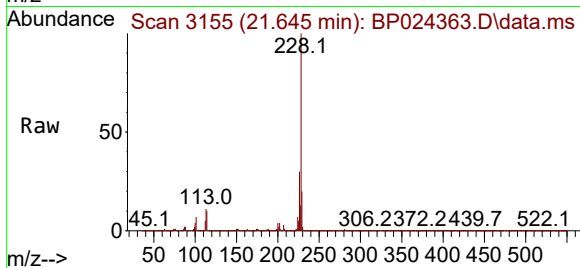
Tgt Ion:228 Resp: 3218061

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.580 ng

RT: 21.521 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

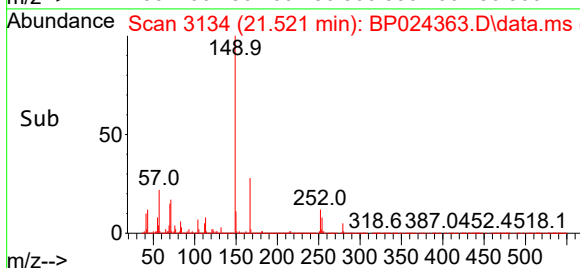
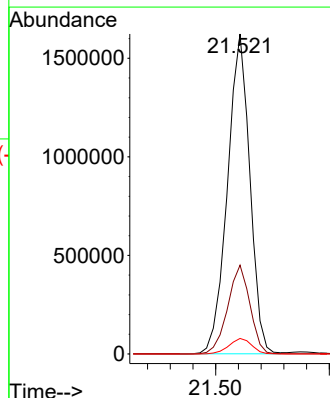
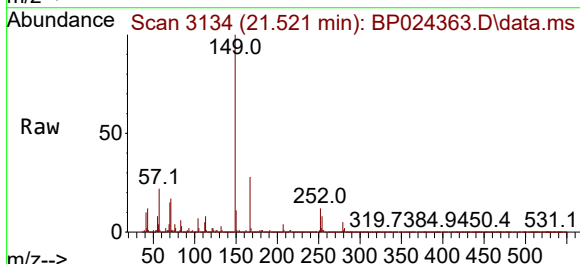
Tgt Ion:149 Resp: 2215630

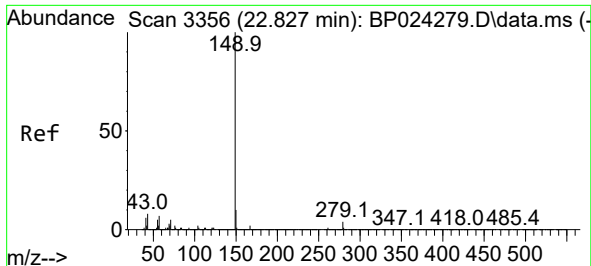
Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

279 4.9 4.0 6.0

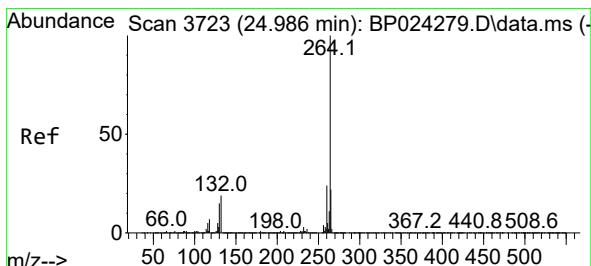
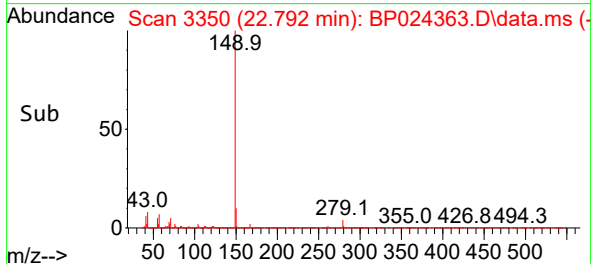
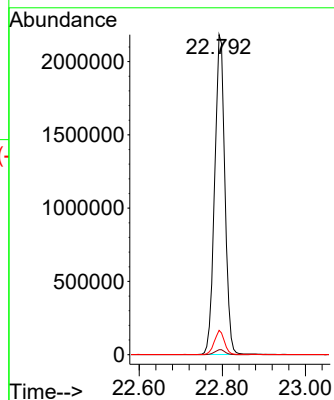
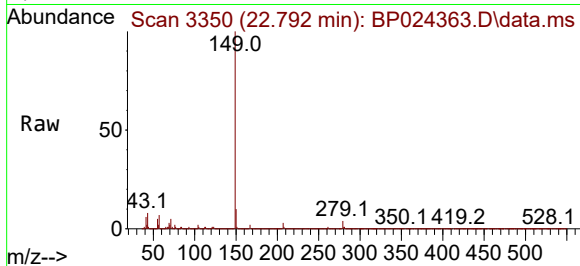




#85
Di-n-octyl phthalate
Concen: 49.045 ng
RT: 22.792 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

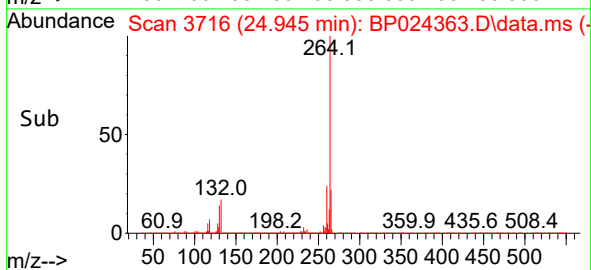
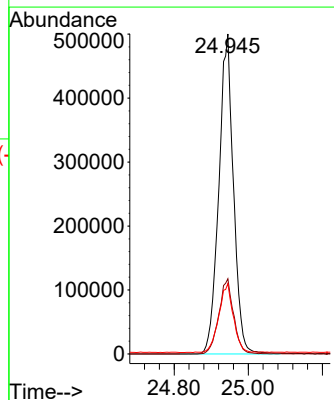
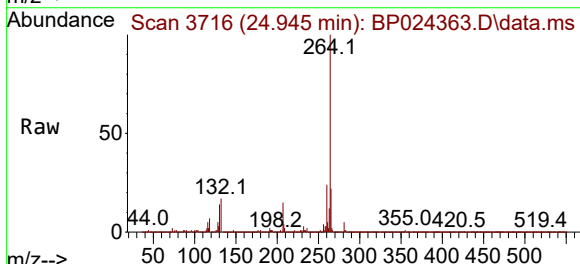
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

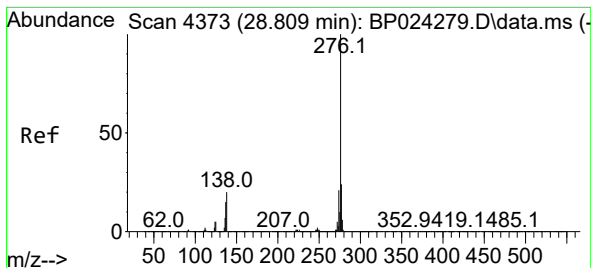
Tgt Ion:149 Resp: 3712904
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.3 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.945 min Scan# 3716
Delta R.T. 0.012 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:264 Resp: 1372121
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.816 ng m

RT: 28.733 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

BNA_P

ClientSampleId :

TP-9MSD

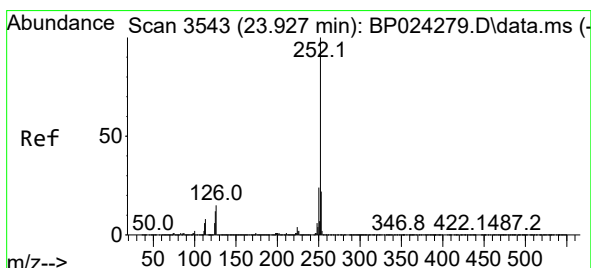
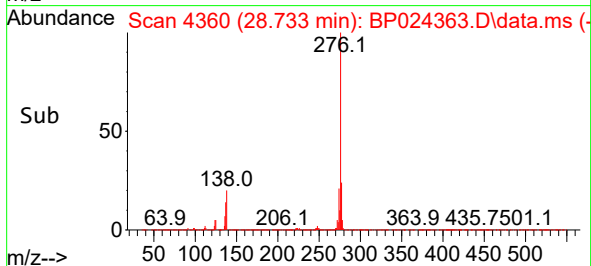
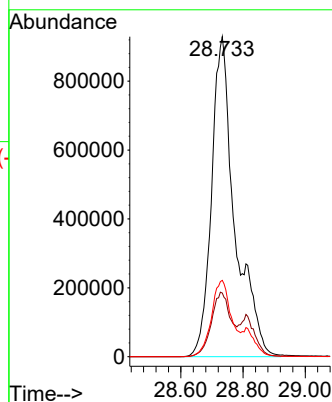
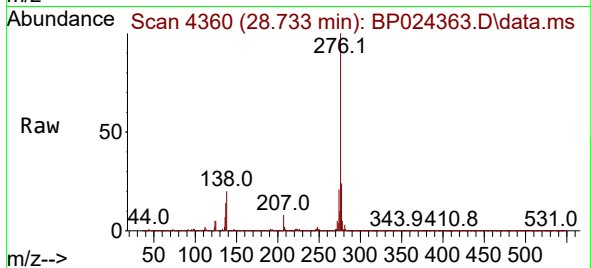
Tgt Ion:276 Resp: 4840706

Ion Ratio Lower Upper

276 100

138 16.9 14.5 21.7

277 20.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.214 ng

RT: 23.892 min Scan# 3537

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

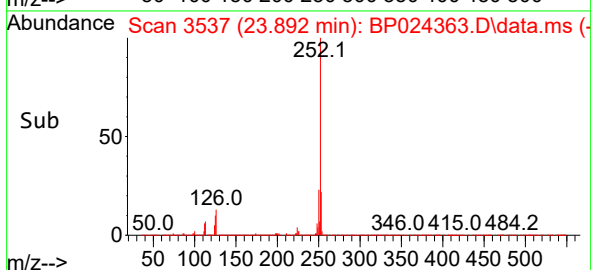
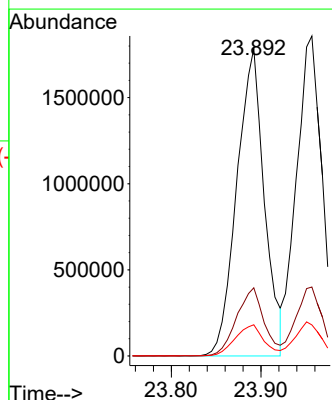
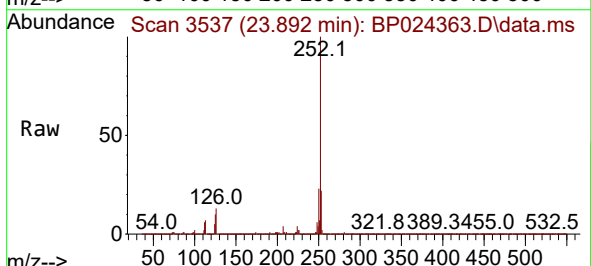
Tgt Ion:252 Resp: 3800951

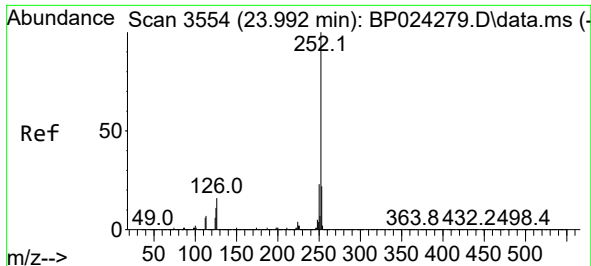
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 9.4 14.0

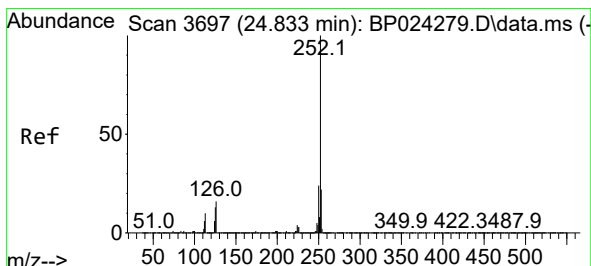
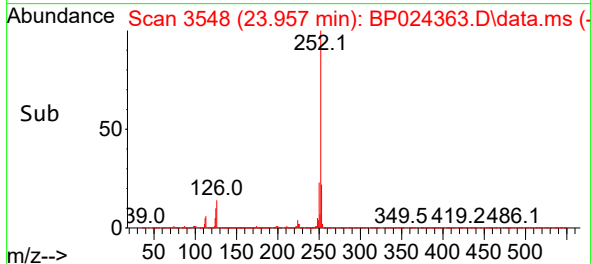
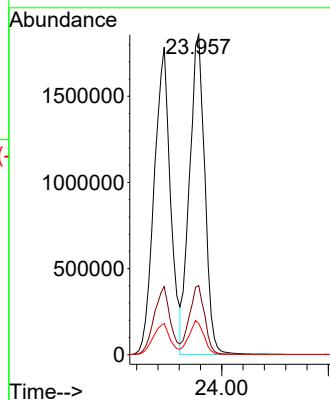
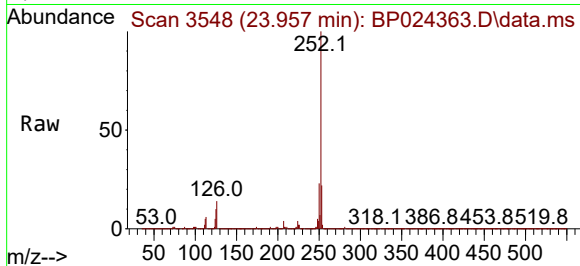




#89
Benzo(k)fluoranthene
Concen: 46.579 ng
RT: 23.957 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

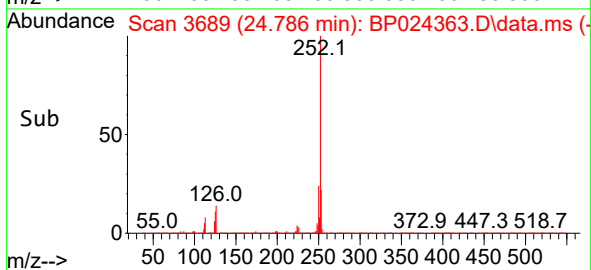
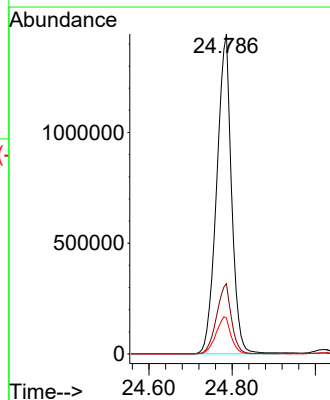
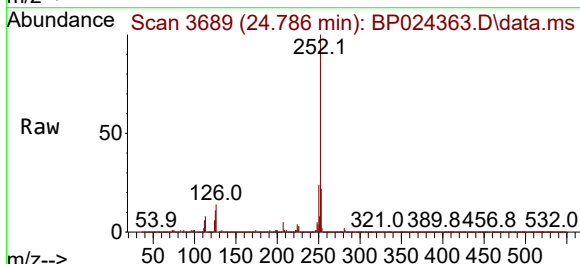
Instrument :
BNA_P
ClientSampleId :
TP-9MSD

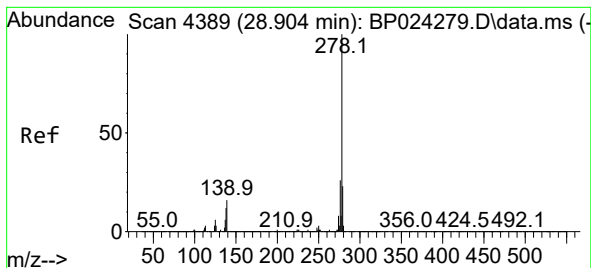
Tgt Ion:252 Resp: 3700471
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.7 9.1 13.7



#90
Benzo(a)pyrene
Concen: 50.297 ng
RT: 24.786 min Scan# 3689
Delta R.T. 0.006 min
Lab File: BP024363.D
Acq: 21 Apr 2025 15:36

Tgt Ion:252 Resp: 3568335
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.2 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 50.299 ng

RT: 28.809 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Instrument :

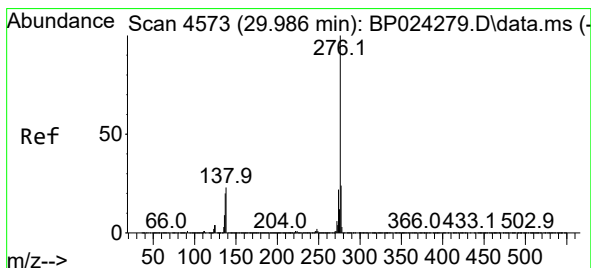
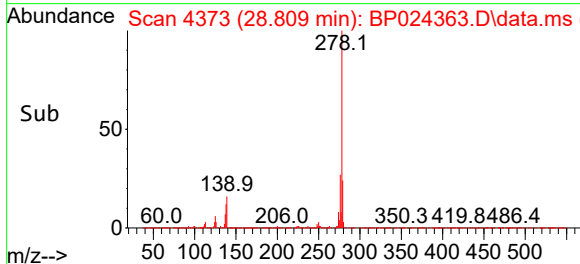
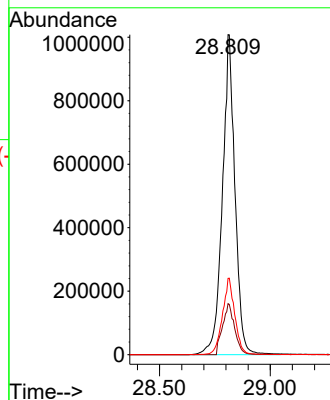
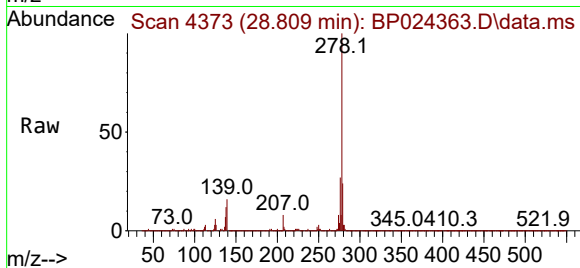
BNA_P

ClientSampleId :

TP-9MSD

Tgt Ion:278 Resp: 3977009

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	19.0
279	23.9	18.5	27.7



#92

Benzo(g,h,i)perylene

Concen: 48.960 ng

RT: 29.897 min Scan# 4558

Delta R.T. 0.000 min

Lab File: BP024363.D

Acq: 21 Apr 2025 15:36

Tgt Ion:276 Resp: 3940259

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	21.4	18.7	28.1

