

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024948.D
 Acq On : 13 Jun 2025 17:34
 Operator : RC/JU
 Sample : Q2310-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7MSD

Quant Time: Jun 13 17:56:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	247774	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	970357	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	605918	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1185670	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1287564	20.000	ng	0.01
86) Perylene-d12	24.760	264	1590527	20.000	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1566354	105.522	ng	0.00
7) Phenol-d6	6.819	99	2013150	102.503	ng	0.00
23) Nitrobenzene-d5	8.760	82	1233176	61.754	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	970090	115.802	ng	-0.01
45) 2-Fluorobiphenyl	12.860	172	2784978	61.918	ng	0.00
79) Terphenyl-d14	19.789	244	4264171	59.356	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.167	88	251086	38.442	ng 98
3) Pyridine	3.561	79	641805	40.860	ng 99
4) n-Nitrosodimethylamine	3.472	42	269757	42.007	ng 98
6) Aniline	6.949	93	643351	25.668	ng 99
8) 2-Chlorophenol	7.190	128	821750	48.834	ng 98
9) Benzaldehyde	6.766	77	555884	49.105	ng 96
10) Phenol	6.849	94	975928	48.202	ng 97
11) bis(2-Chloroethyl)ether	7.043	93	703850	44.199	ng 99
12) 1,3-Dichlorobenzene	7.496	146	858700	45.743	ng 99
13) 1,4-Dichlorobenzene	7.643	146	869657	45.913	ng 98
14) 1,2-Dichlorobenzene	7.955	146	848682	45.629	ng 99
15) Benzyl Alcohol	7.860	79	693566	46.013	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	869349	41.710	ng 98
17) 2-Methylphenol	8.072	107	663638	46.938	ng 99
18) Hexachloroethane	8.666	117	318578	44.674	ng 99
19) n-Nitroso-di-n-propyla...	8.413	70	557942	41.789	ng 97
20) 3+4-Methylphenols	8.402	107	900259	46.671	ng 96
22) Acetophenone	8.431	105	1137256	46.388	ng 98
24) Nitrobenzene	8.802	77	822291	46.352	ng 99
25) Isophorone	9.325	82	1567630	45.296	ng 99
26) 2-Nitrophenol	9.507	139	451738	51.609	ng 95
27) 2,4-Dimethylphenol	9.578	122	753767	50.317	ng 98
28) bis(2-Chloroethoxy)met...	9.796	93	955915	46.304	ng 98
29) 2,4-Dichlorophenol	10.054	162	756579	52.636	ng 99
30) 1,2,4-Trichlorobenzene	10.249	180	783371	48.320	ng 98
31) Naphthalene	10.431	128	2357435	47.407	ng 100
32) Benzoic acid	9.778	122	542745	53.614	ng 100
33) 4-Chloroaniline	10.560	127	360105	17.285	ng 99
34) Hexachlorobutadiene	10.707	225	482567	49.386	ng 99
35) Caprolactam	11.360	113	254728	48.144	ng 94
36) 4-Chloro-3-methylphenol	11.707	107	818992	49.399	ng 100
37) 2-Methylnaphthalene	12.048	142	1519504	48.172	ng 99
38) 1-Methylnaphthalene	12.272	142	1581961	46.910	ng 99
40) 1,2,4,5-Tetrachloroben...	12.425	216	870110	50.608	ng 100
41) Hexachlorocyclopentadiene	12.396	237	800665	76.350	ng 99
43) 2,4,6-Trichlorophenol	12.678	196	601992	52.137	ng 99

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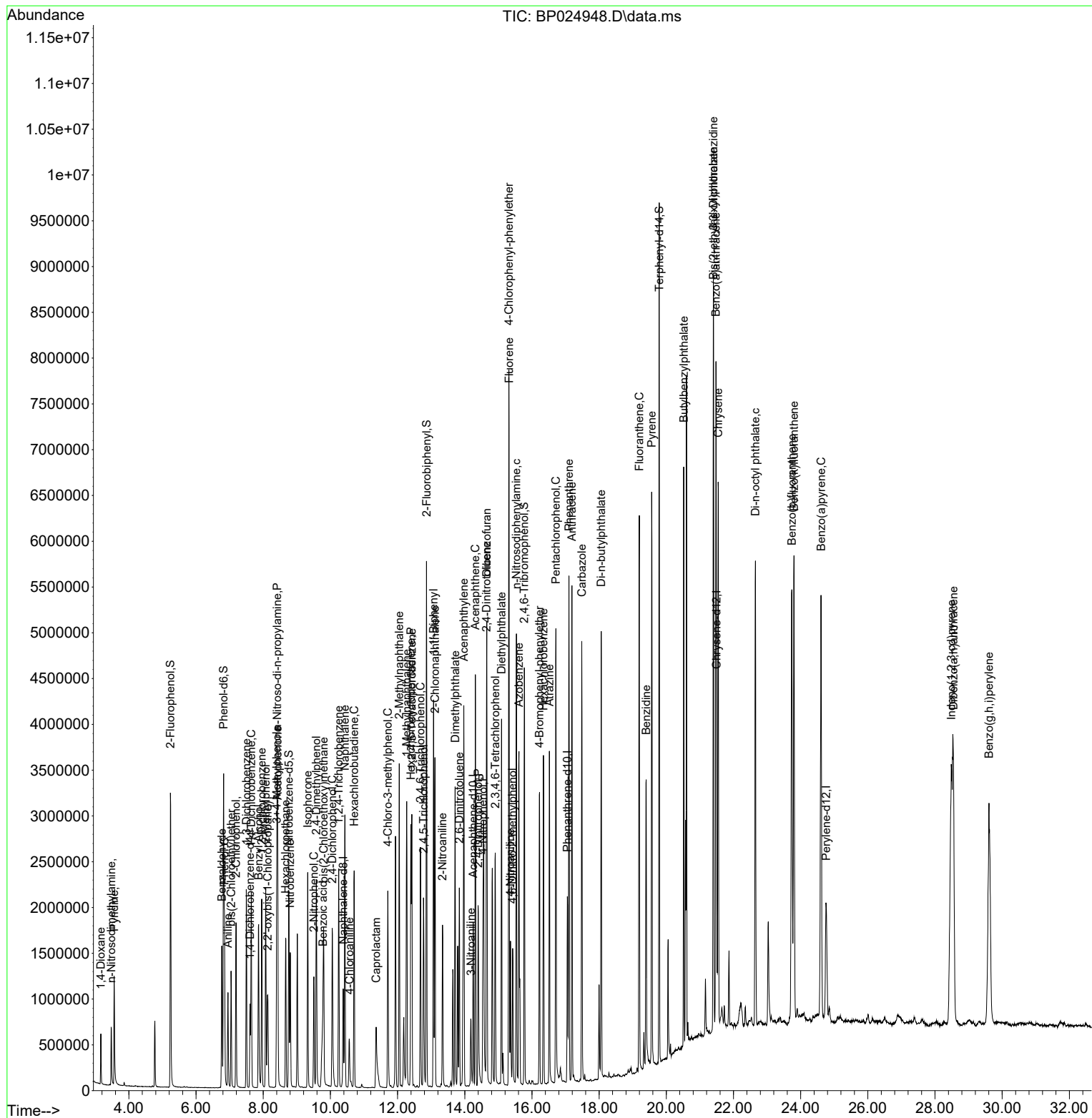
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	658566	53.258	ng	98
46) 1,1'-Biphenyl	13.072	154	2141104	48.624	ng	99
47) 2-Chloronaphthalene	13.113	162	1663592	49.156	ng	100
48) 2-Nitroaniline	13.337	65	491267	47.216	ng	95
49) Acenaphthylene	13.972	152	2735554	48.478	ng	100
50) Dimethylphthalate	13.713	163	2124847	47.538	ng	100
51) 2,6-Dinitrotoluene	13.837	165	466315	48.394	ng	99
52) Acenaphthene	14.313	154	1564993	48.398	ng	99
53) 3-Nitroaniline	14.184	138	244135	24.414	ng	96
54) 2,4-Dinitrophenol	14.401	184	580060	91.582	ng	94
55) Dibenzofuran	14.654	168	2495985	48.088	ng	98
56) 4-Nitrophenol	14.542	139	761905	89.324	ng	98
57) 2,4-Dinitrotoluene	14.648	165	671501	49.818	ng	95
58) Fluorene	15.319	166	2027413	48.352	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	573239	51.885	ng	97
60) Diethylphthalate	15.095	149	2129941	47.814	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1002485	48.898	ng	98
62) 4-Nitroaniline	15.360	138	455404	50.227	ng	93
63) Azobenzene	15.613	77	2187937	53.554	ng	95
65) 4,6-Dinitro-2-methylph...	15.425	198	381094	48.915	ng	98
66) n-Nitrosodiphenylamine	15.537	169	1761479	47.931	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	685105	51.210	ng	97
68) Hexachlorobenzene	16.342	284	817924	50.432	ng	97
69) Atrazine	16.519	200	661903	49.683	ng	99
70) Pentachlorophenol	16.713	266	997506	118.839	ng	100
71) Phenanthrene	17.101	178	3173482	48.434	ng	99
72) Anthracene	17.189	178	3222098	48.556	ng	100
73) Carbazole	17.483	167	3014897	49.017	ng	100
74) Di-n-butylphthalate	18.060	149	3763937	49.391	ng	99
75) Fluoranthene	19.195	202	3751628	49.401	ng	99
77) Benzidine	19.401	184	2197094	55.096	ng	99
78) Pyrene	19.566	202	3927745	48.828	ng	100
80) Butylbenzylphthalate	20.519	149	1819641	49.385	ng	97
81) Benzo(a)anthracene	21.477	228	4018874	48.802	ng	99
82) 3,3'-Dichlorobenzidine	21.401	252	1066536	32.623	ng	99
83) Chrysene	21.542	228	3777127	48.407	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2703358	51.209	ng	98
85) Di-n-octyl phthalate	22.654	149	4667277	50.159	ng	98
87) Indeno(1,2,3-cd)pyrene	28.483	276	5883621	50.700	ng	# 92
88) Benzo(b)fluoranthene	23.736	252	4331443	47.584	ng	100
89) Benzo(k)fluoranthene	23.801	252	4331481	46.748	ng	99
90) Benzo(a)pyrene	24.607	252	4277065	48.114	ng	99
91) Dibenzo(a,h)anthracene	28.548	278	4741970	50.201	ng	99
92) Benzo(g,h,i)perylene	29.606	276	4725205	50.417	ng	100

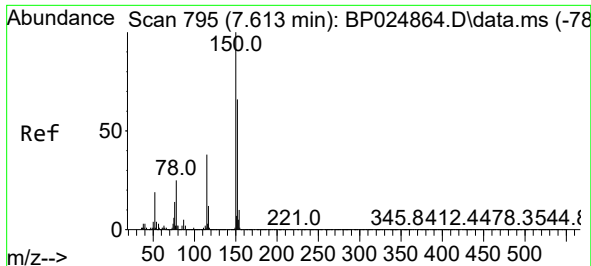
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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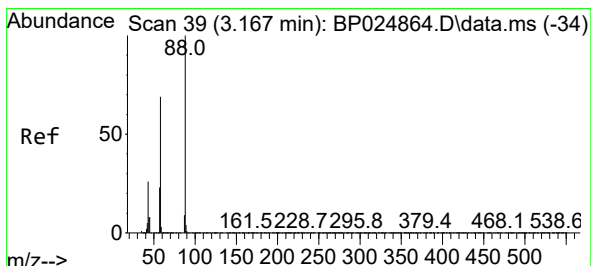
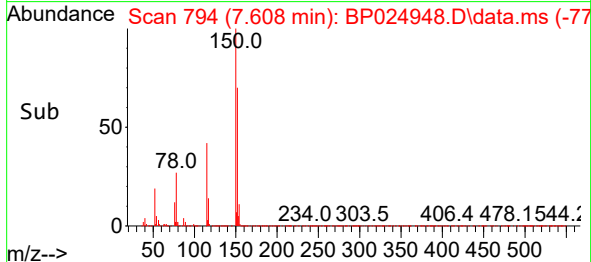
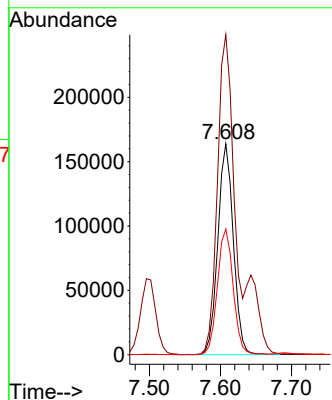
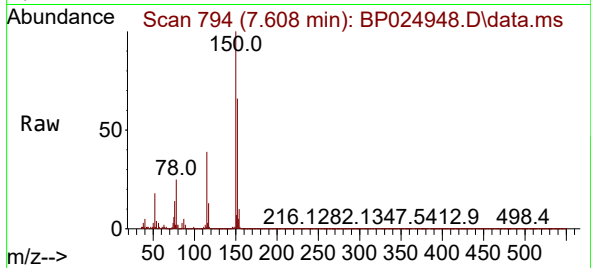




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024948.D
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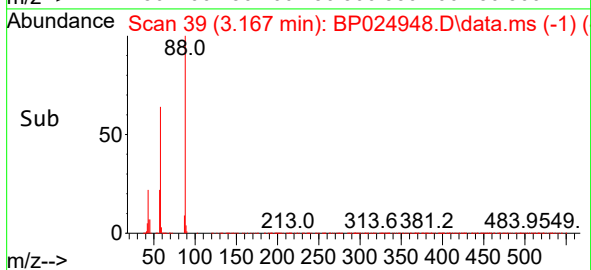
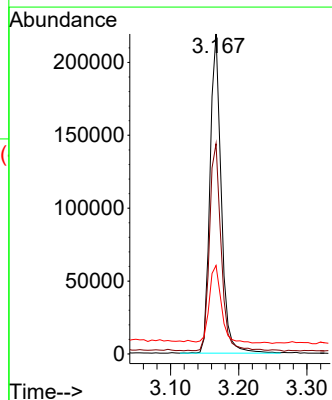
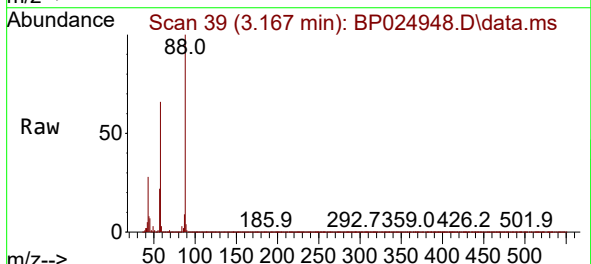
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BNA_P
ClientSampleId :
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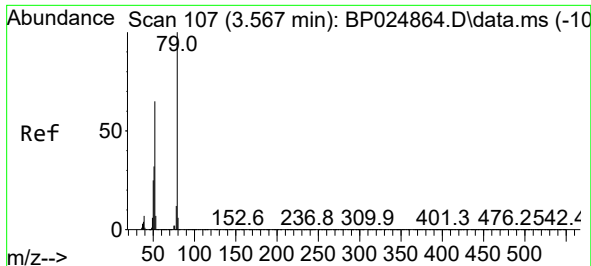
Tgt Ion:152 Resp: 247774
Ion Ratio Lower Upper
152 100
150 151.8 122.1 183.1
115 59.5 46.4 69.6



#2
1,4-Dioxane
Concen: 38.442 ng
RT: 3.167 min Scan# 39
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 88 Resp: 251086
Ion Ratio Lower Upper
88 100
58 67.0 55.4 83.0
43 25.9 20.8 31.2

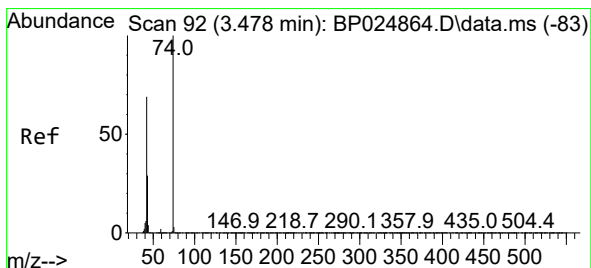
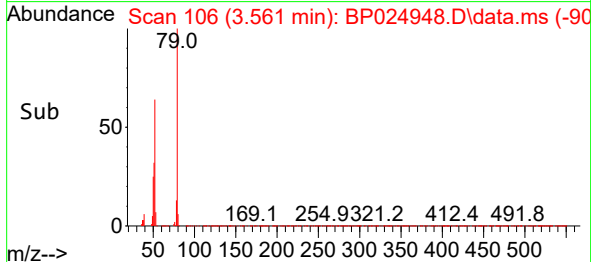
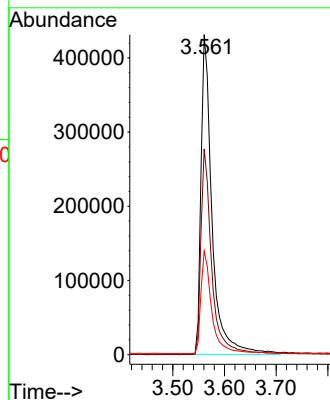
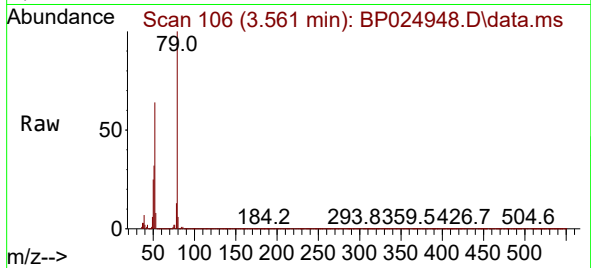




#3
Pyridine
Concen: 40.860 ng
RT: 3.561 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

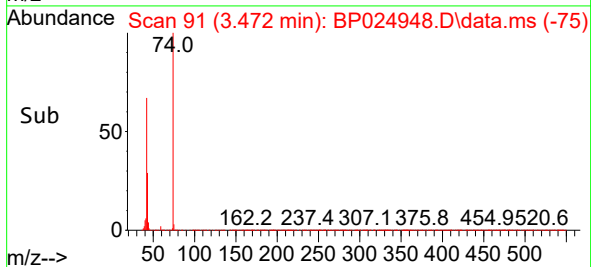
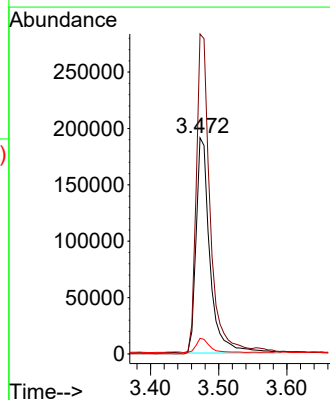
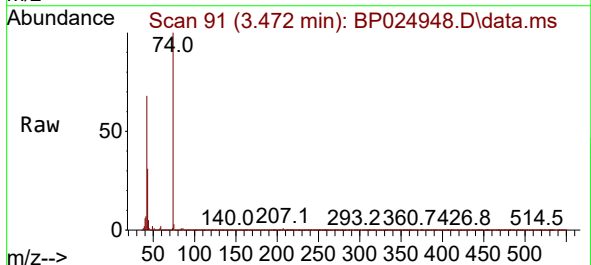
Instrument :
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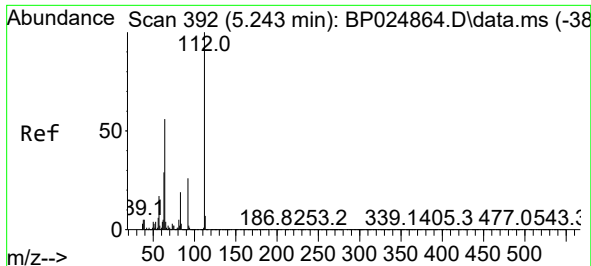
Tgt Ion: 79 Resp: 641805
Ion Ratio Lower Upper
79 100
52 64.3 51.6 77.4
51 32.5 25.5 38.3



#4
n-Nitrosodimethylamine
Concen: 42.007 ng
RT: 3.472 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 42 Resp: 269757
Ion Ratio Lower Upper
42 100
74 148.1 116.6 174.8
44 7.3 5.4 8.0

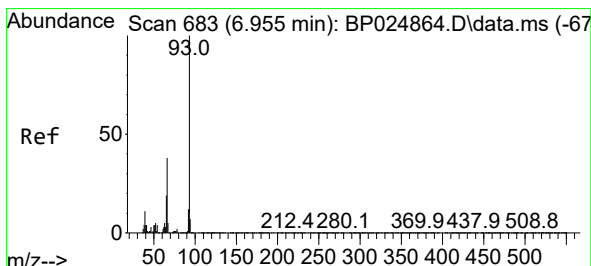
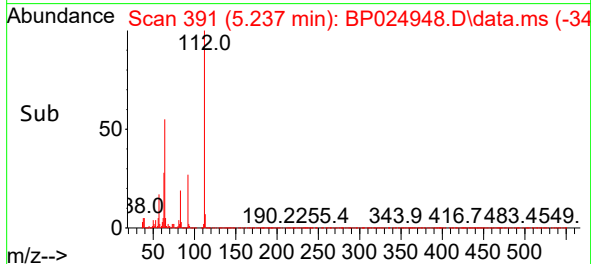
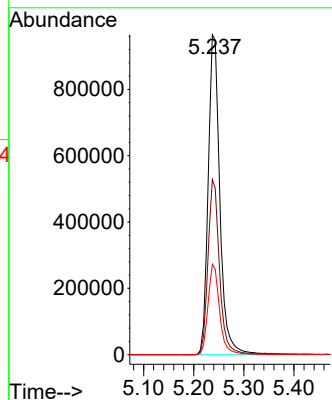
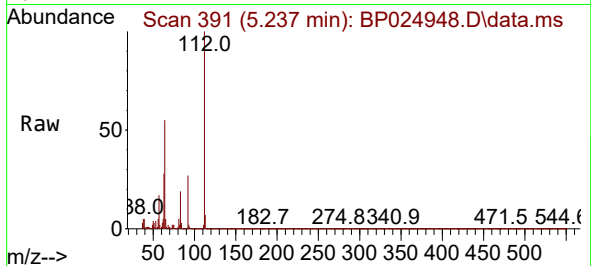




#5
2-Fluorophenol
Concen: 105.522 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

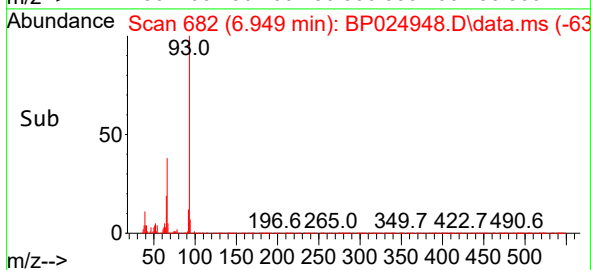
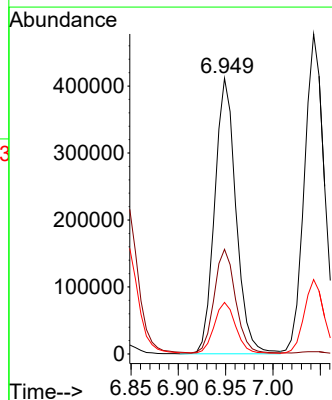
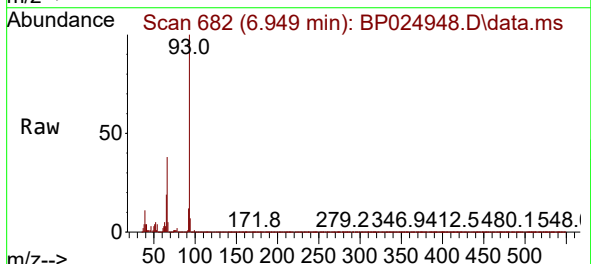
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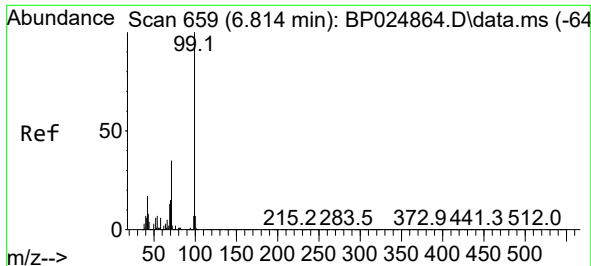
Tgt Ion:112 Resp: 1566354
Ion Ratio Lower Upper
112 100
64 54.8 44.7 67.1
63 28.2 23.5 35.3



#6
Aniline
Concen: 25.668 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 93 Resp: 643351
Ion Ratio Lower Upper
93 100
66 38.0 30.9 46.3
65 18.7 15.5 23.3

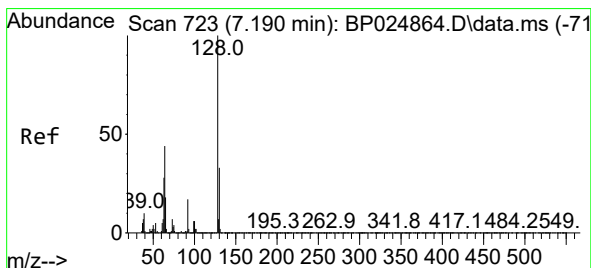
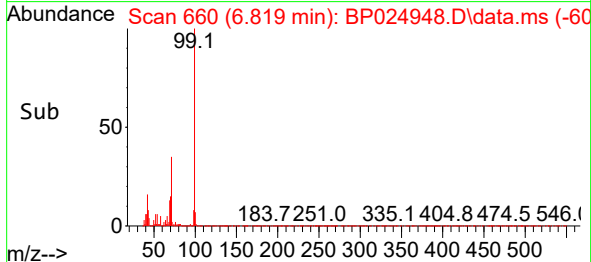
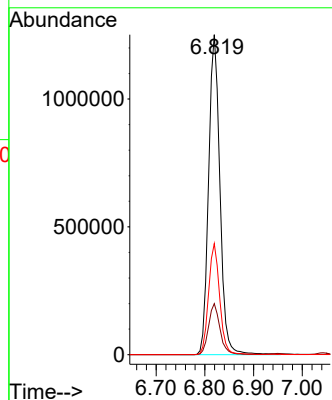
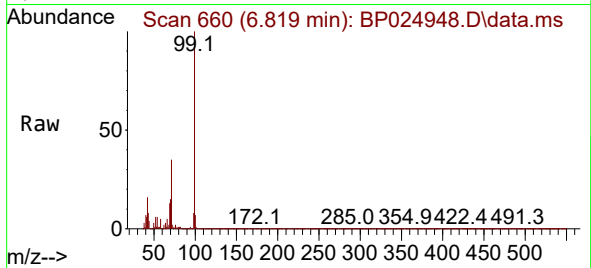




#7
Phenol-d6
Concen: 102.503 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

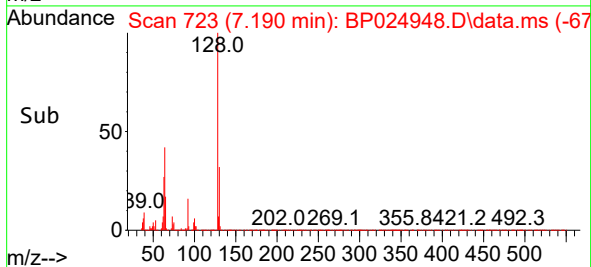
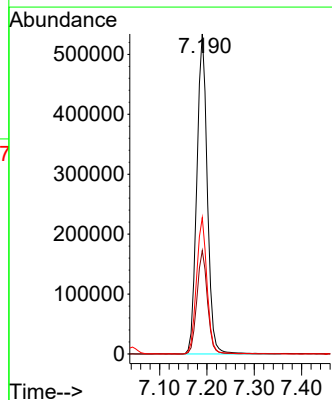
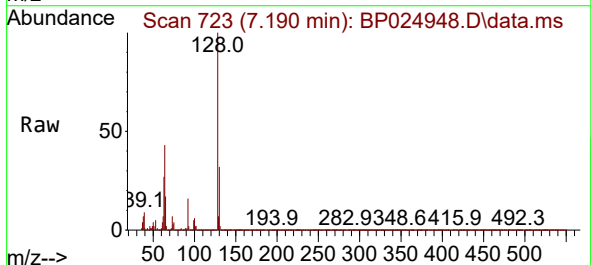
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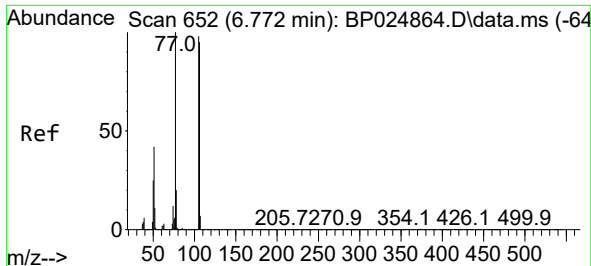
Tgt Ion: 99 Resp: 2013150
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 34.7 27.6 41.4



#8
2-Chlorophenol
Concen: 48.834 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:128 Resp: 821750
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 42.6 24.1 64.1

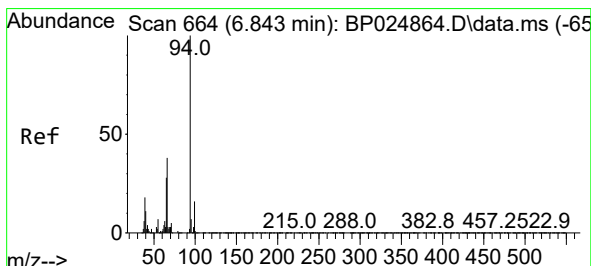
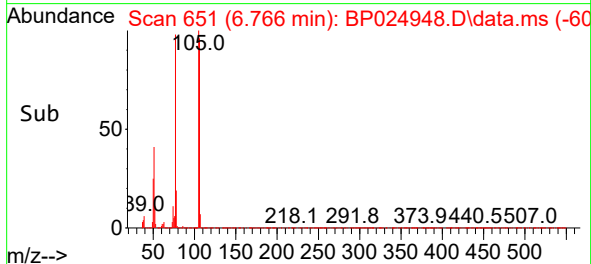
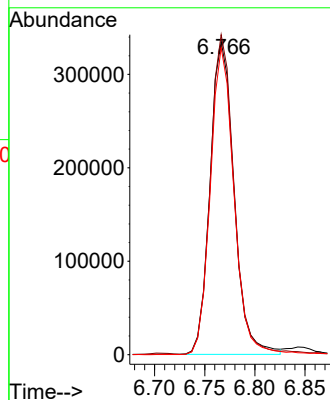
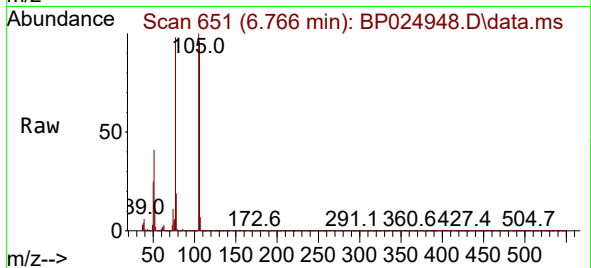




#9
Benzaldehyde
Concen: 49.105 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024948.D
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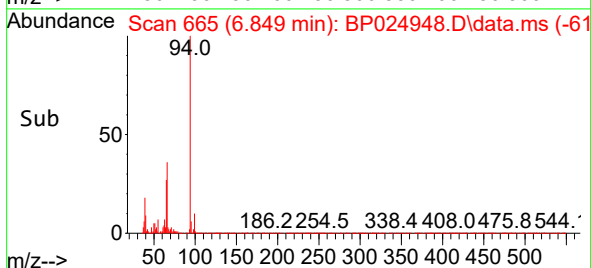
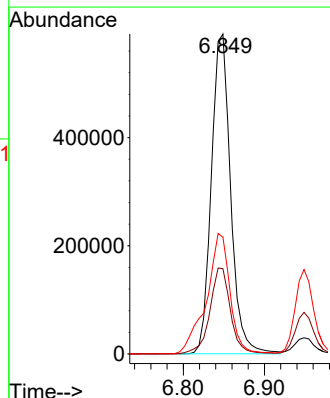
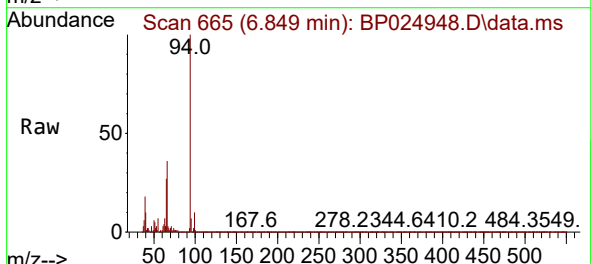
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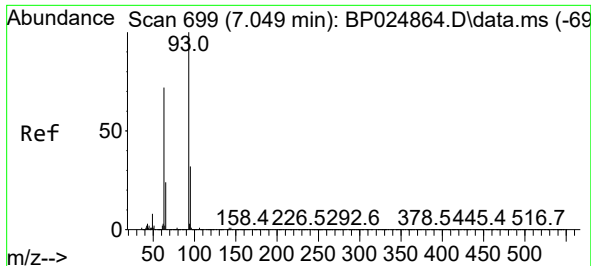
Tgt Ion: 77 Resp: 555884
Ion Ratio Lower Upper
77 100
105 102.2 77.7 117.7
106 98.0 74.8 114.8



#10
Phenol
Concen: 48.202 ng
RT: 6.849 min Scan# 665
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 975928
Ion Ratio Lower Upper
94 100
65 26.7 8.3 48.3
66 36.5 18.2 58.2

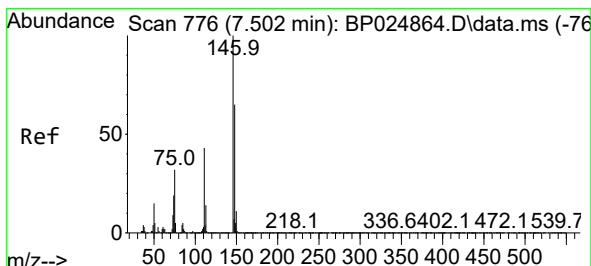
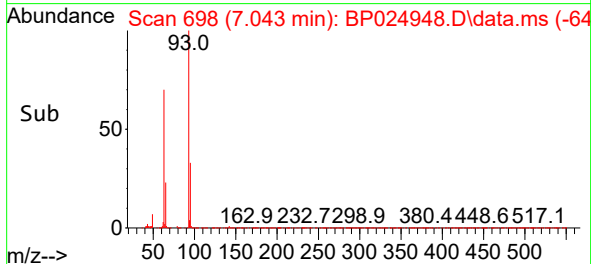
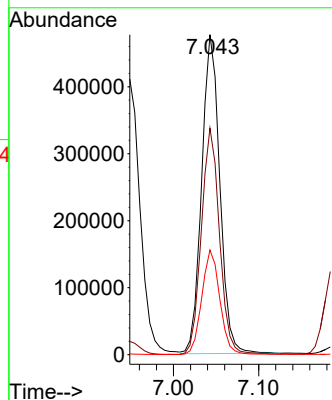
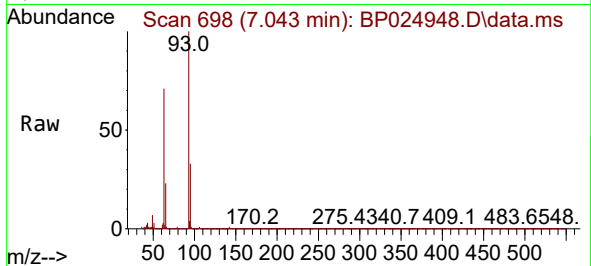




#11
bis(2-Chloroethyl)ether
Concen: 44.199 ng
RT: 7.043 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

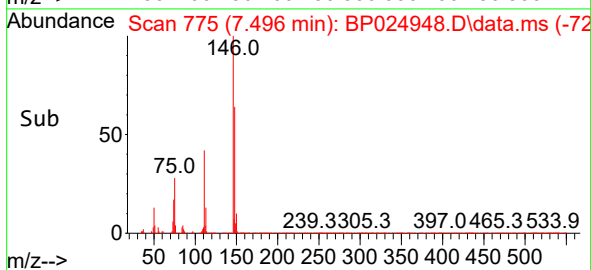
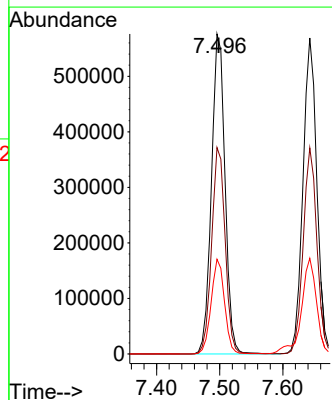
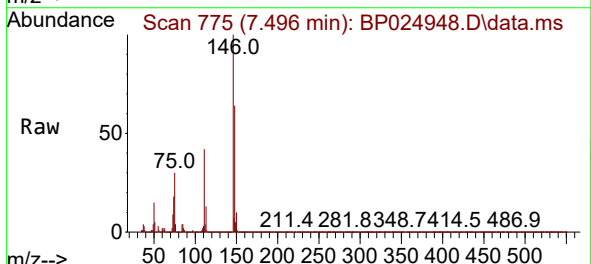
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

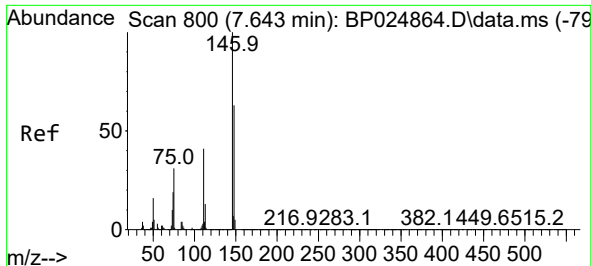
Tgt Ion: 93 Resp: 703850
Ion Ratio Lower Upper
93 100
63 70.8 51.6 91.6
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 45.743 ng
RT: 7.496 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:146 Resp: 858700
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.6 25.3 37.9

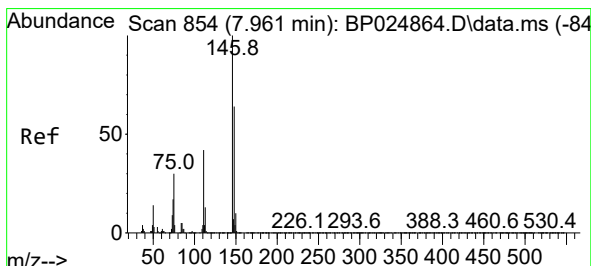
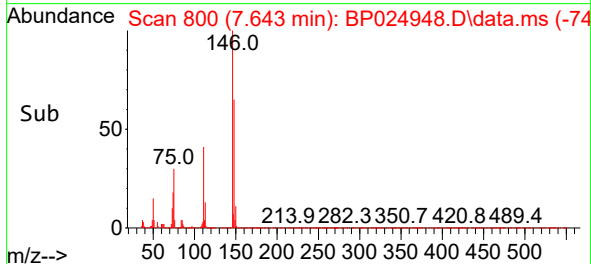
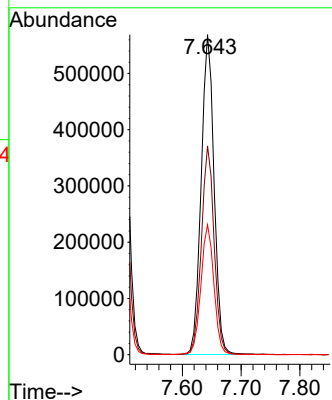
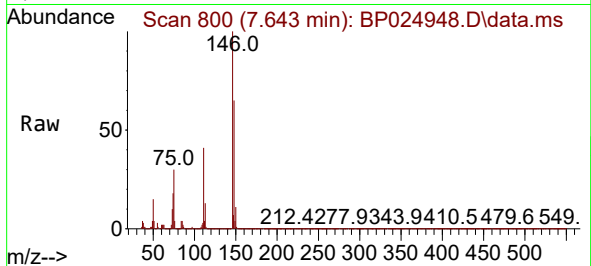




#13
1,4-Dichlorobenzene
Concen: 45.913 ng
RT: 7.643 min Scan# 800
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

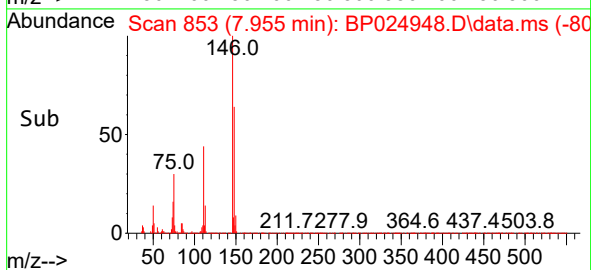
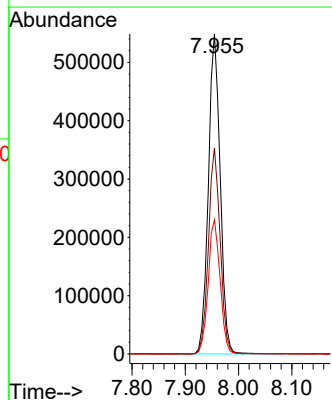
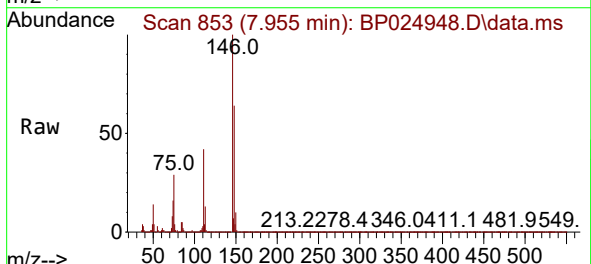
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

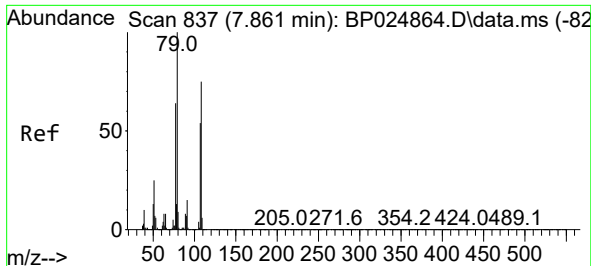
Tgt Ion:146 Resp: 869657
Ion Ratio Lower Upper
146 100
148 65.2 50.8 76.2
111 40.6 32.7 49.1



#14
1,2-Dichlorobenzene
Concen: 45.629 ng
RT: 7.955 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:146 Resp: 848682
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
111 42.0 33.8 50.8

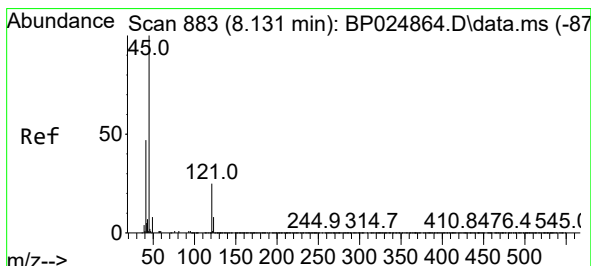
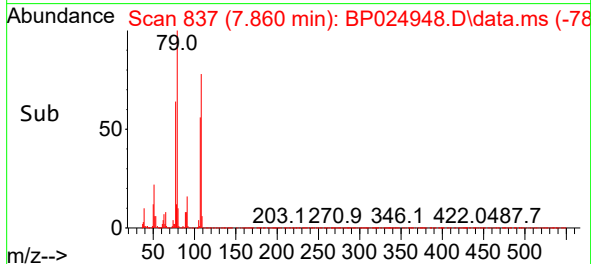
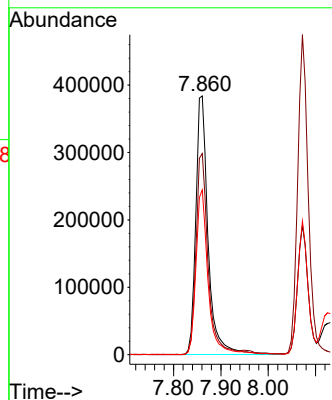
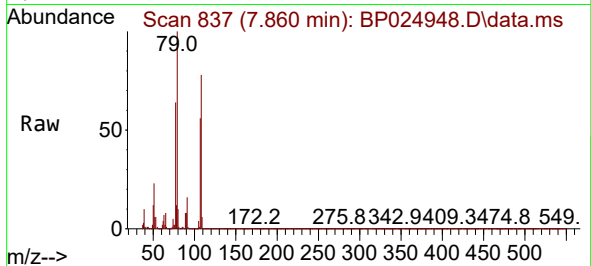




#15
Benzyl Alcohol
Concen: 46.013 ng
RT: 7.860 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

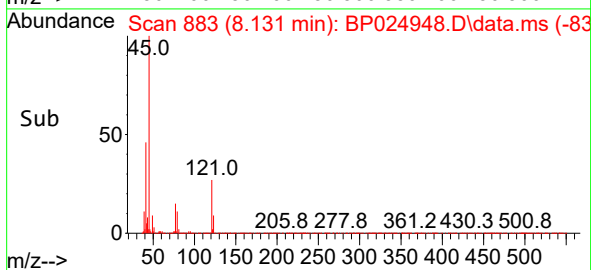
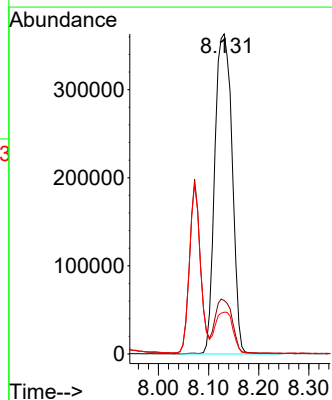
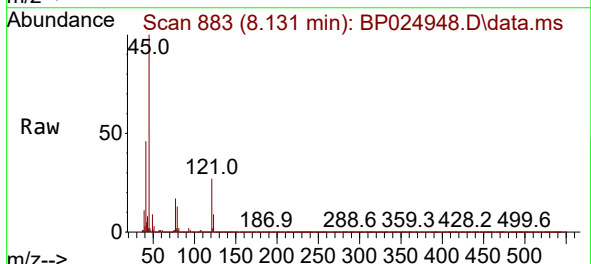
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

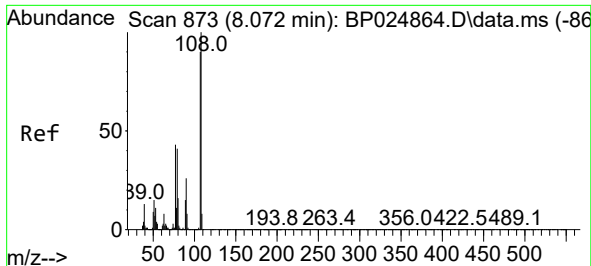
Tgt Ion: 79 Resp: 693566
Ion Ratio Lower Upper
79 100
108 77.7 60.2 90.4
77 63.7 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.710 ng
RT: 8.131 min Scan# 883
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 45 Resp: 869349
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.3
79 13.1 0.0 32.2

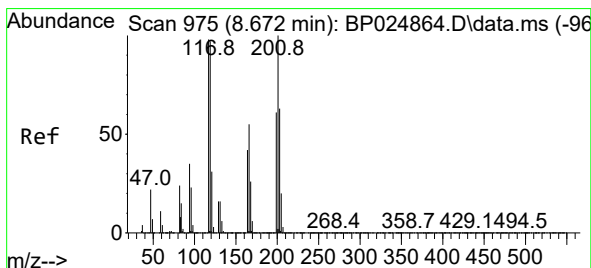
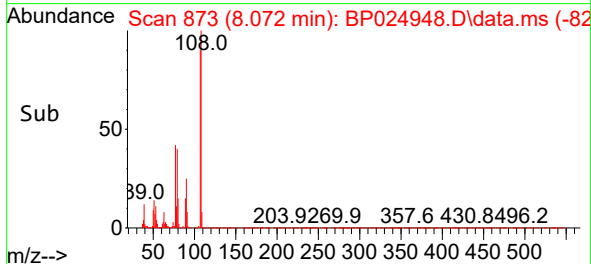
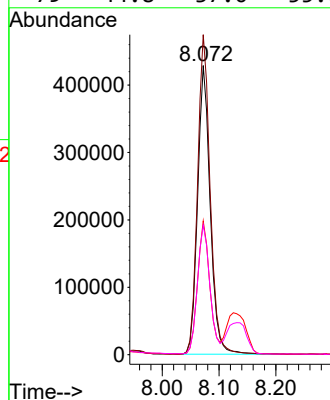
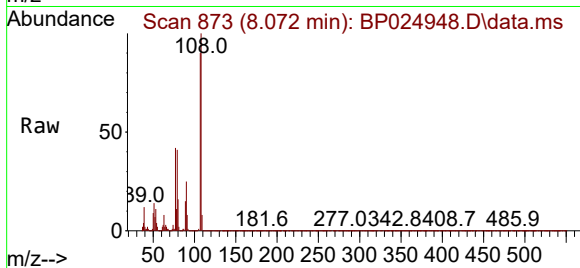




#17
2-Methylphenol
Concen: 46.938 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

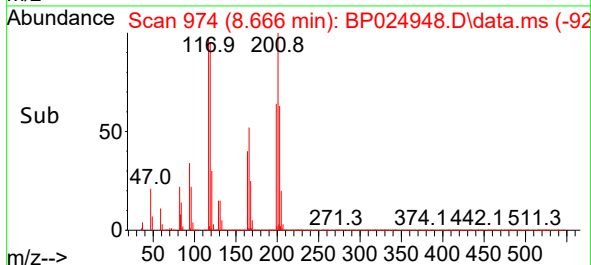
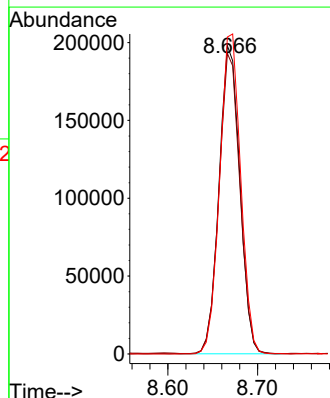
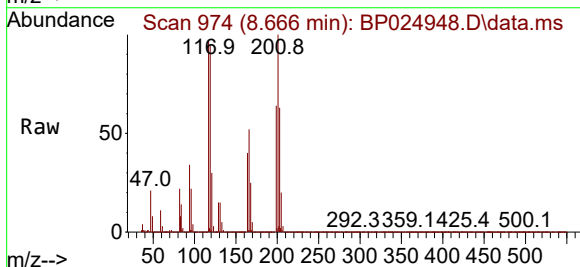
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

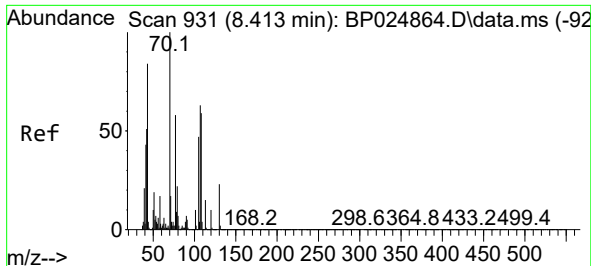
Tgt Ion:	107	Resp:	663638
Ion	Ratio	Lower	Upper
107	100		
108	110.7	88.6	132.8
77	46.2	38.5	57.7
79	44.8	37.0	55.6



#18
Hexachloroethane
Concen: 44.674 ng
RT: 8.666 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:	117	Resp:	318578
Ion	Ratio	Lower	Upper
117	100		
119	97.5	79.4	119.2
201	102.8	81.4	122.2

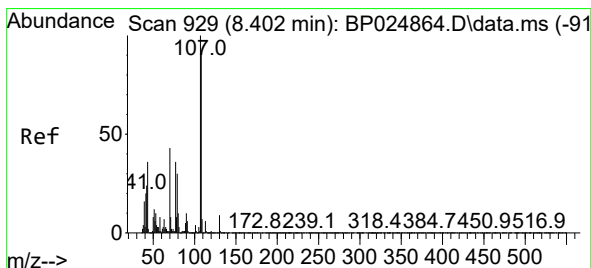
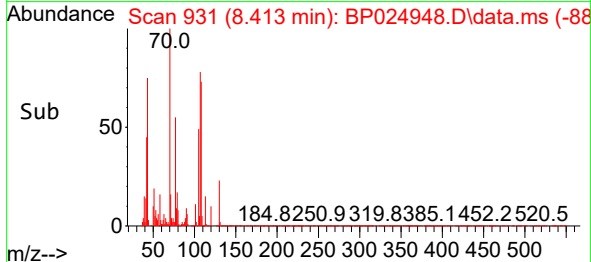
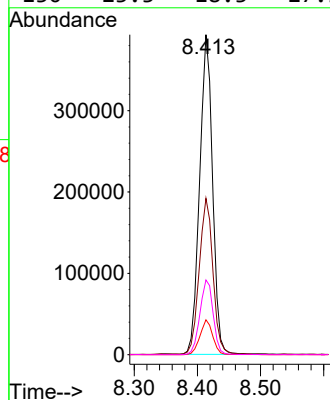
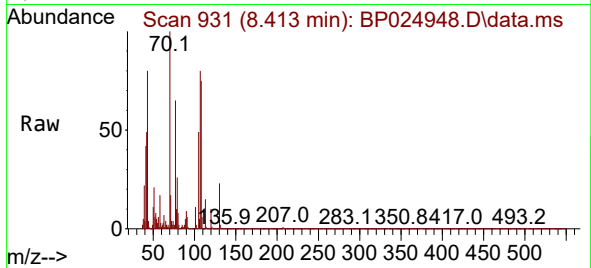




#19
n-Nitroso-di-n-propylamine
Concen: 41.789 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

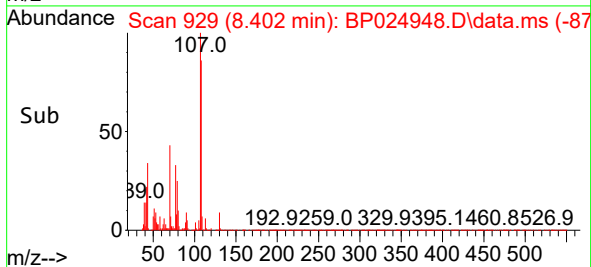
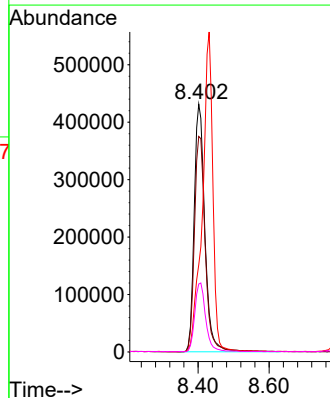
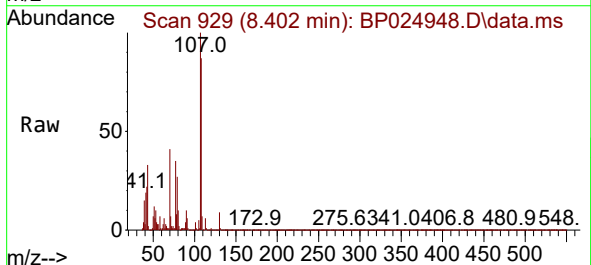
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

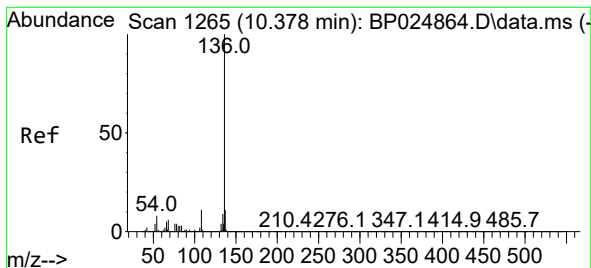
Tgt Ion: 70 Resp: 557942
Ion Ratio Lower Upper
70 100
42 48.9 41.2 61.8
101 10.9 8.3 12.5
130 23.3 18.3 27.5



#20
3+4-Methylphenols
Concen: 46.671 ng
RT: 8.402 min Scan# 929
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 107 Resp: 900259
Ion Ratio Lower Upper
107 100
108 87.0 70.7 110.7
77 35.2 16.6 56.6
79 27.5 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.378 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

Tgt Ion:136 Resp: 970357

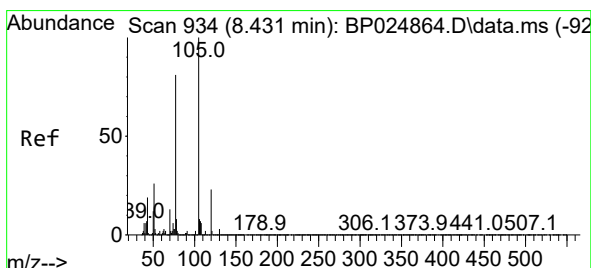
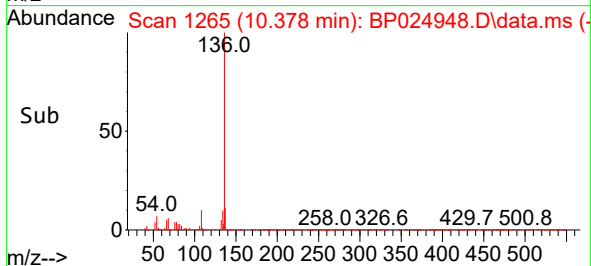
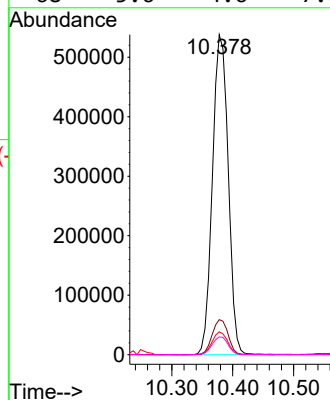
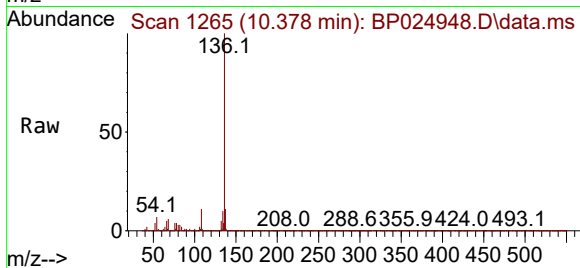
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.1 9.1

68 5.6 4.6 7.0



#22

Acetophenone

Concen: 46.388 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Tgt Ion:105 Resp: 1137256

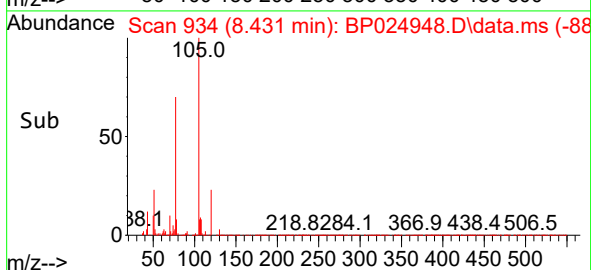
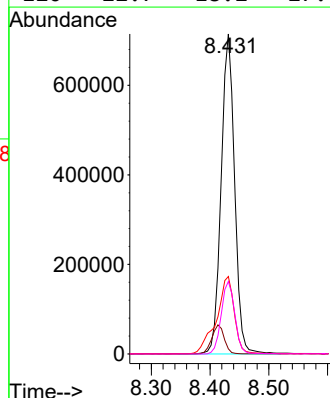
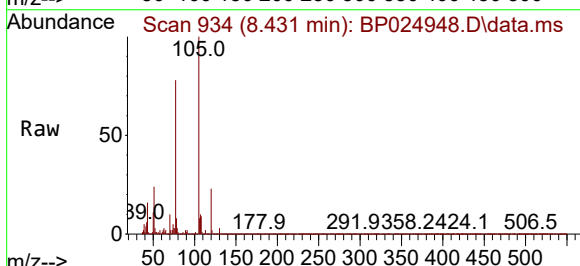
Ion Ratio Lower Upper

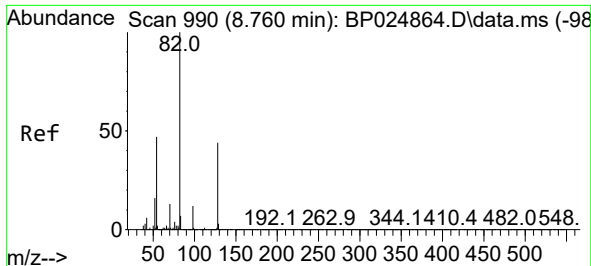
105 100

71 1.6 1.6 2.4

51 24.2 20.6 31.0

120 22.7 18.2 27.4

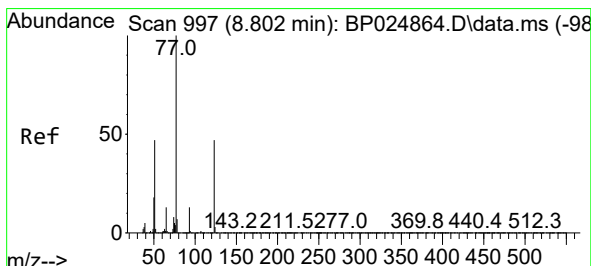
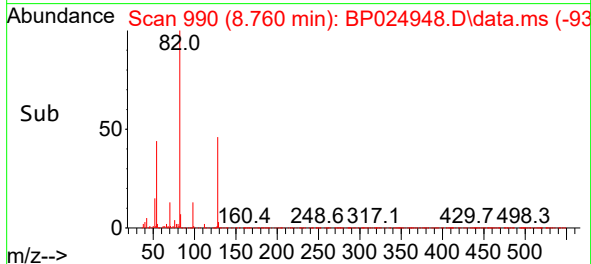
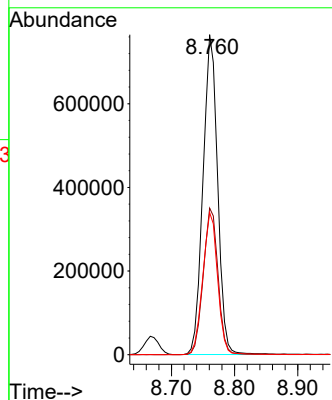
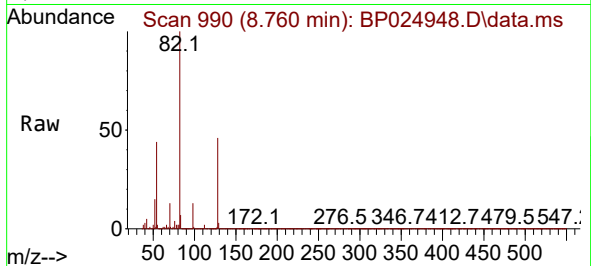




#23
Nitrobenzene-d5
Concen: 61.754 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

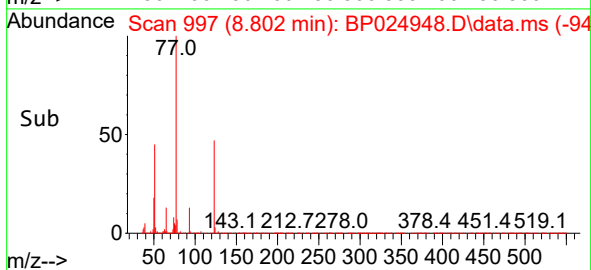
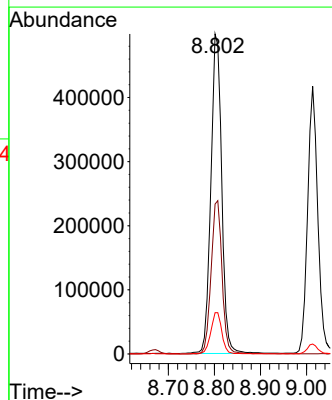
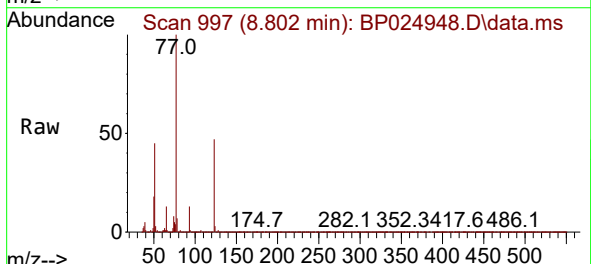
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

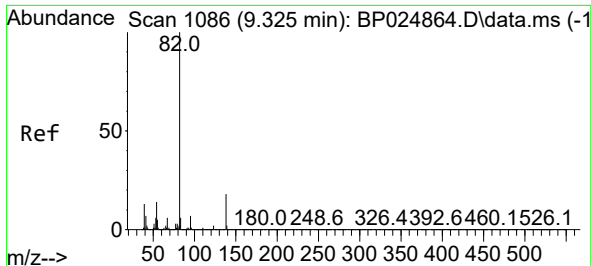
Tgt Ion: 82 Resp: 1233176
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 44.4 37.4 56.0



#24
Nitrobenzene
Concen: 46.352 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 77 Resp: 822291
Ion Ratio Lower Upper
77 100
123 46.9 37.3 55.9
65 12.9 10.8 16.2

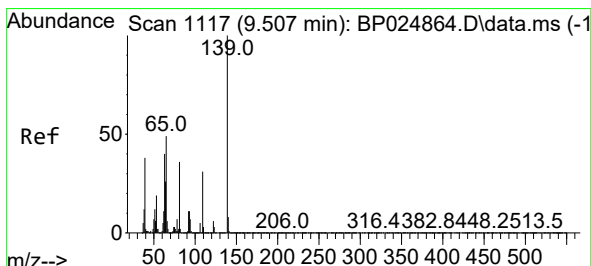
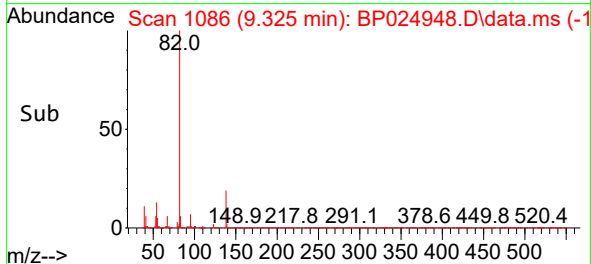
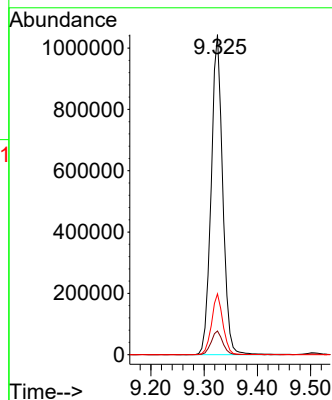
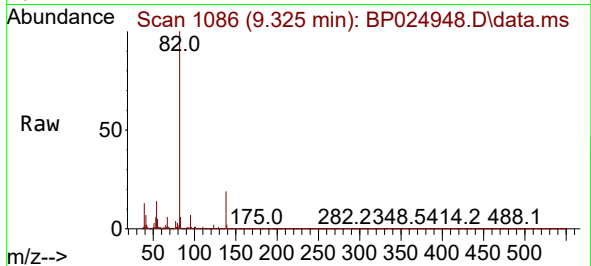




#25
Isophorone
Concen: 45.296 ng
RT: 9.325 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

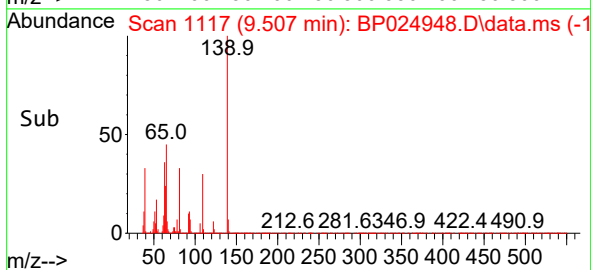
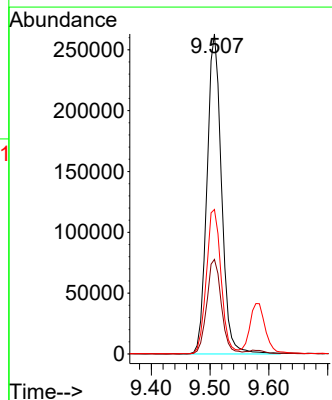
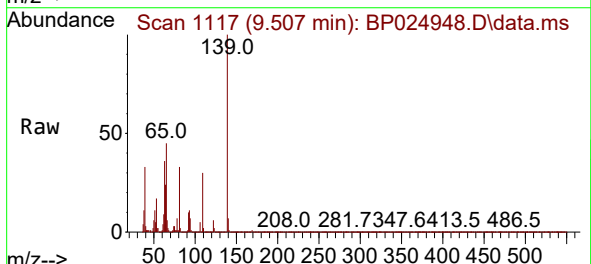
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

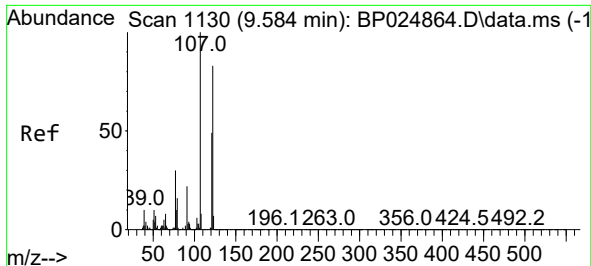
Tgt Ion: 82 Resp: 1567630
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.0 14.6 21.8



#26
2-Nitrophenol
Concen: 51.609 ng
RT: 9.507 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:139 Resp: 451738
Ion Ratio Lower Upper
139 100
109 29.6 24.6 37.0
65 45.2 39.5 59.3

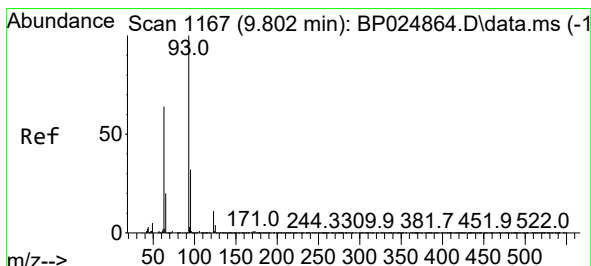
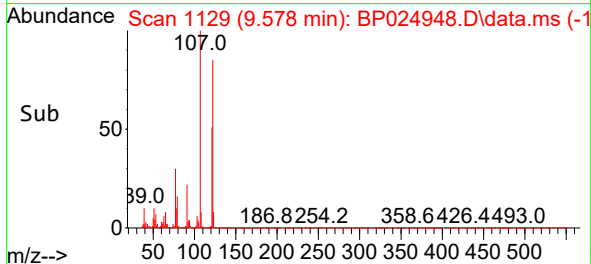
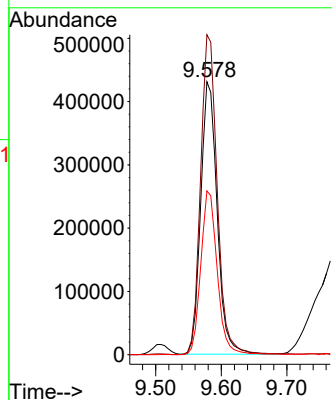
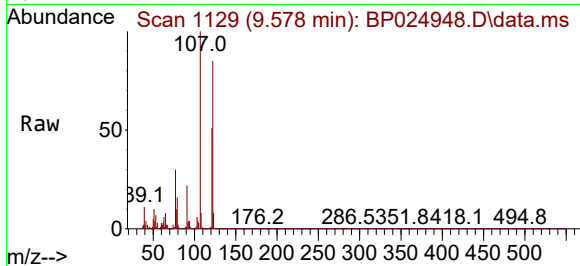




#27
2,4-Dimethylphenol
Concen: 50.317 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

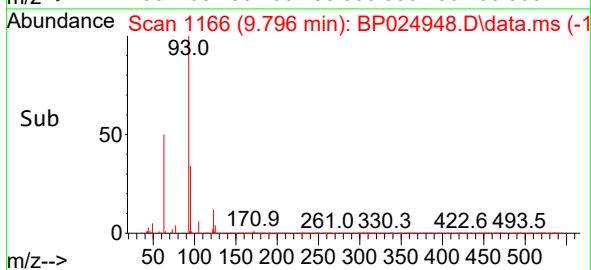
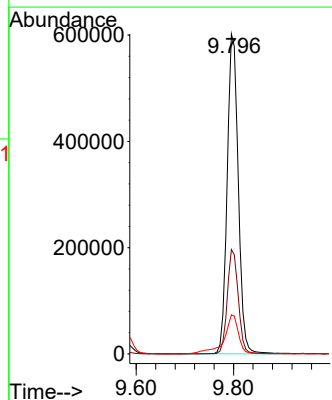
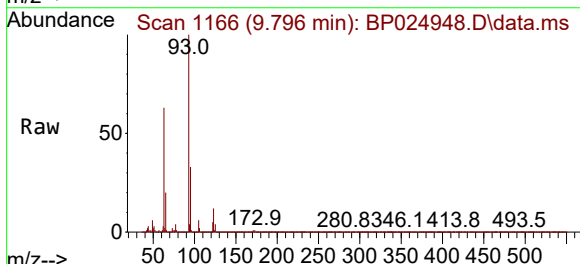
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

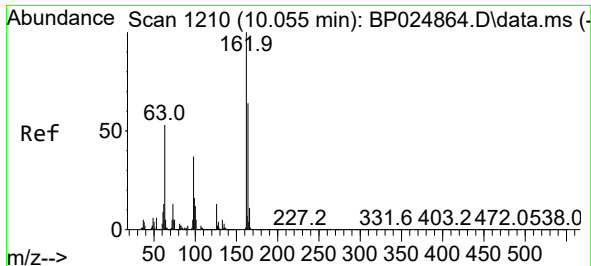
Tgt Ion:122 Resp: 753767
Ion Ratio Lower Upper
122 100
107 117.2 96.2 144.4
121 60.0 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.304 ng
RT: 9.796 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 93 Resp: 955915
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 12.2 9.2 13.8

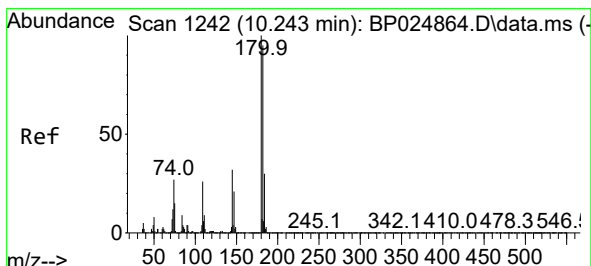
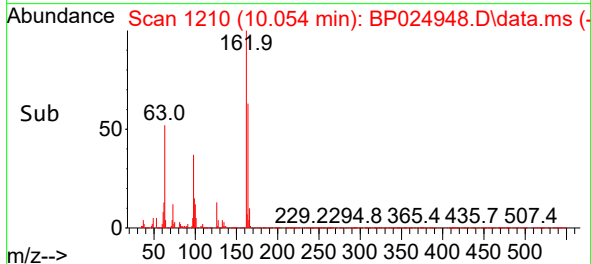
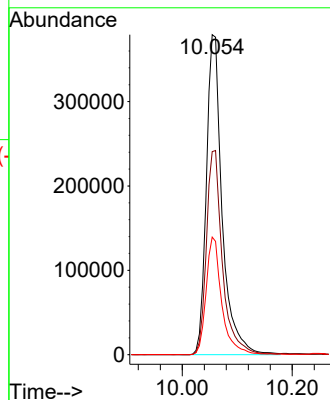
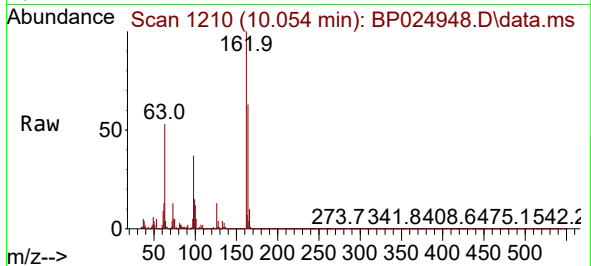




#29
2,4-Dichlorophenol
Concen: 52.636 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

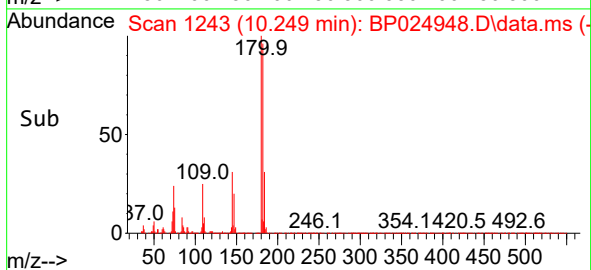
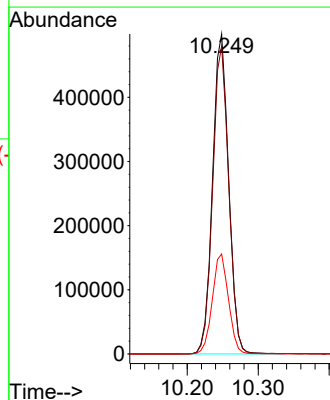
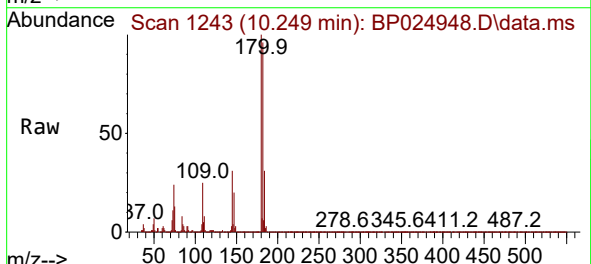
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

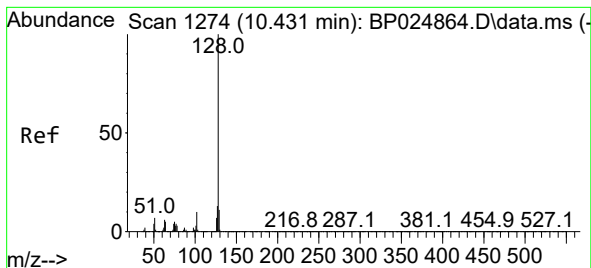
Tgt Ion:162 Resp: 756579
Ion Ratio Lower Upper
162 100
164 63.5 44.0 84.0
98 36.7 16.9 56.9



#30
1,2,4-Trichlorobenzene
Concen: 48.320 ng
RT: 10.249 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:180 Resp: 783371
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 31.3 25.7 38.5

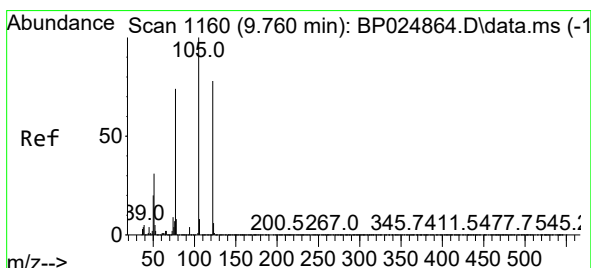
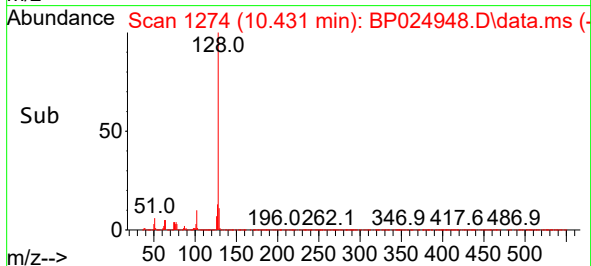
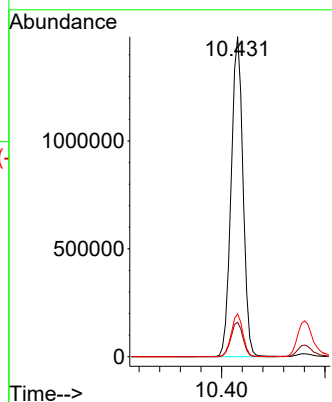
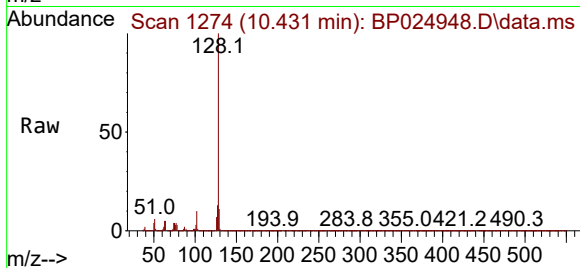




#31
Naphthalene
Concen: 47.407 ng
RT: 10.431 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

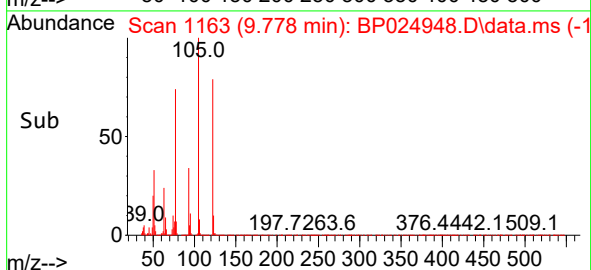
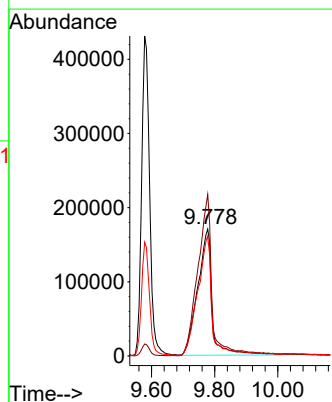
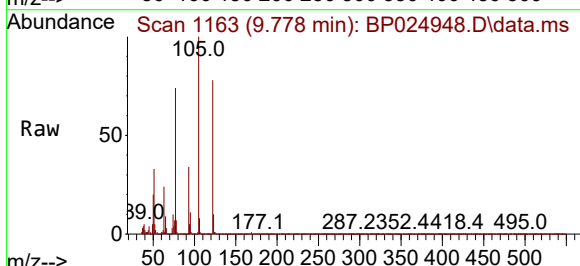
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

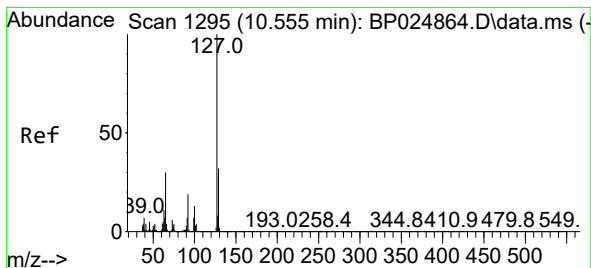
Tgt Ion:128 Resp: 2357435
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 53.614 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.018 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:122 Resp: 542745
Ion Ratio Lower Upper
122 100
105 127.4 107.1 147.1
77 94.5 75.1 115.1





#33

4-Chloroaniline

Concen: 17.285 ng

RT: 10.560 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

Tgt Ion:127 Resp: 360105

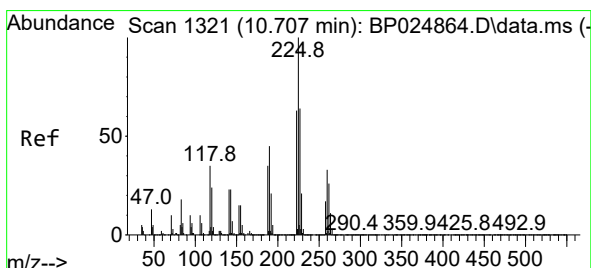
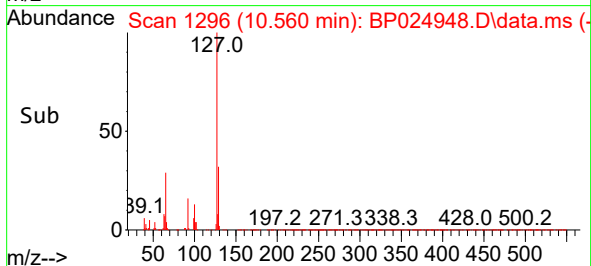
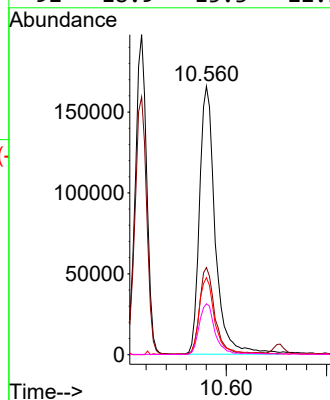
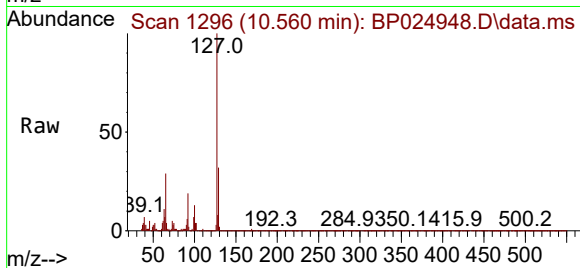
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 28.7 23.9 35.9

92 18.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 49.386 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

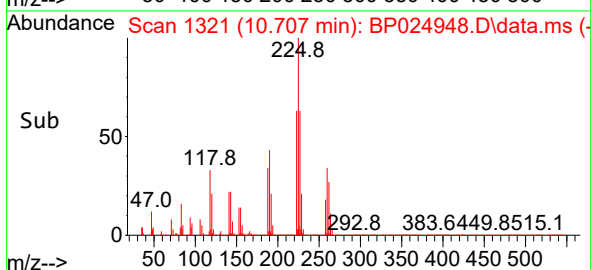
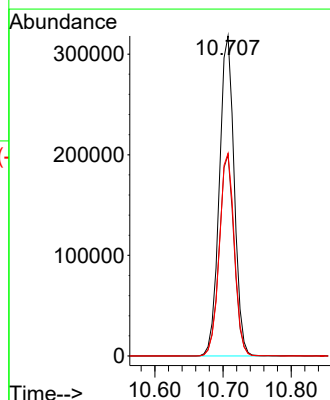
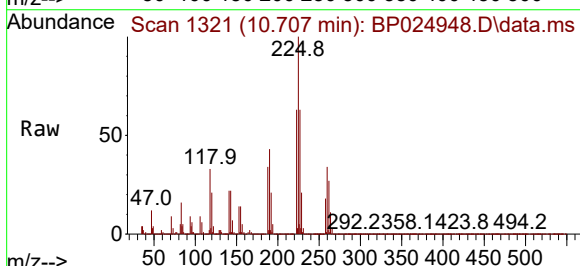
Tgt Ion:225 Resp: 482567

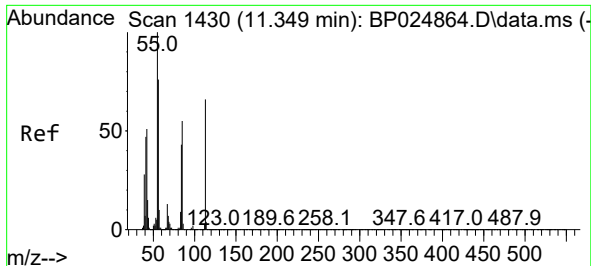
Ion Ratio Lower Upper

225 100

223 62.9 50.5 75.7

227 63.3 51.4 77.2

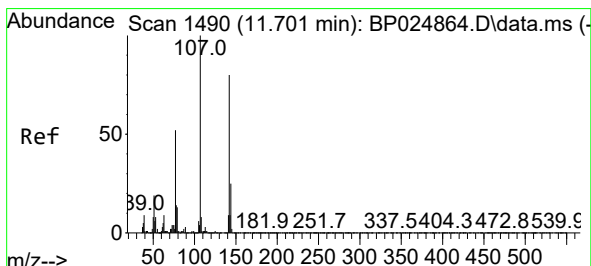
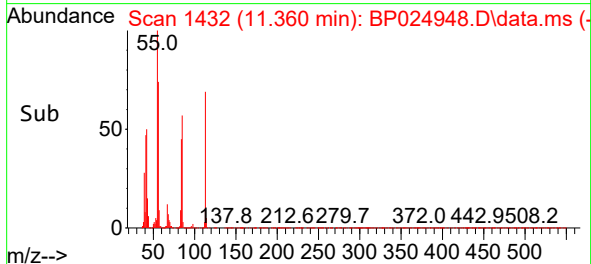
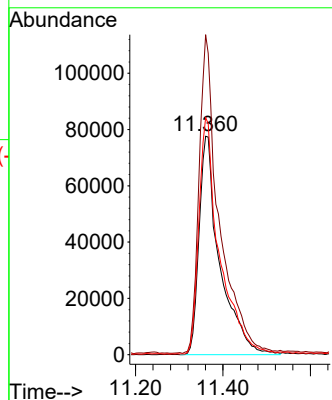
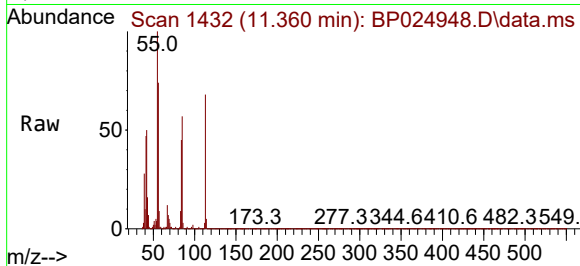




#35
Caprolactam
Concen: 48.144 ng
RT: 11.360 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

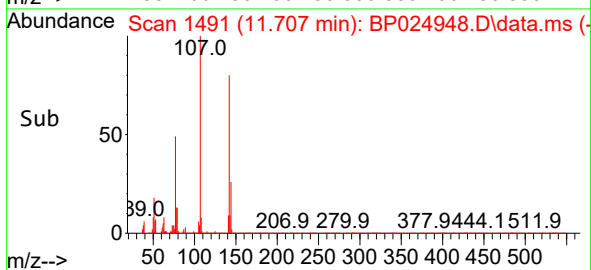
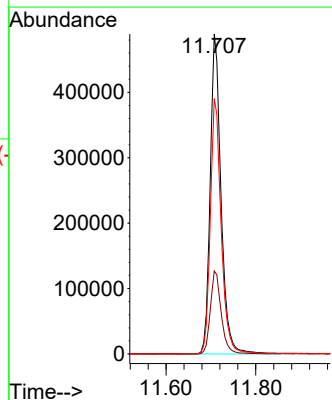
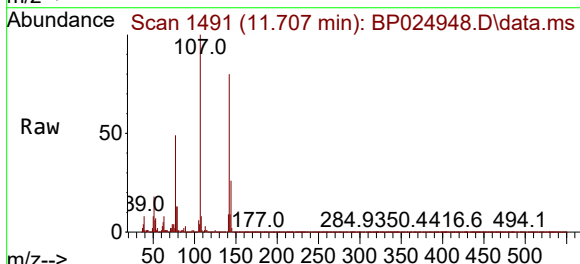
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

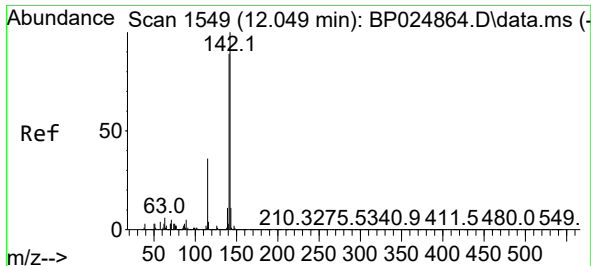
Tgt Ion:113 Resp: 254728
Ion Ratio Lower Upper
113 100
55 146.5 132.5 172.5
56 108.5 96.0 136.0



#36
4-Chloro-3-methylphenol
Concen: 49.399 ng
RT: 11.707 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:107 Resp: 818992
Ion Ratio Lower Upper
107 100
144 25.9 20.4 30.6
142 79.8 63.8 95.6

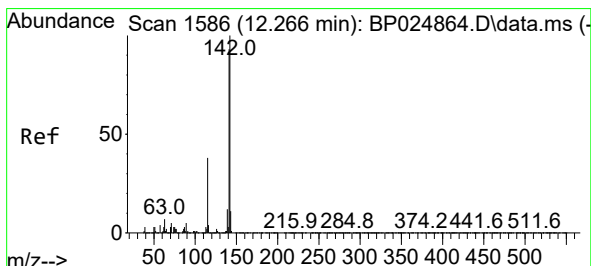
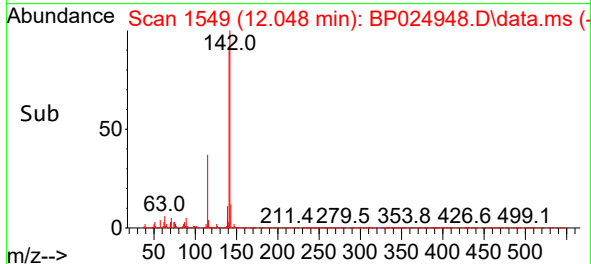
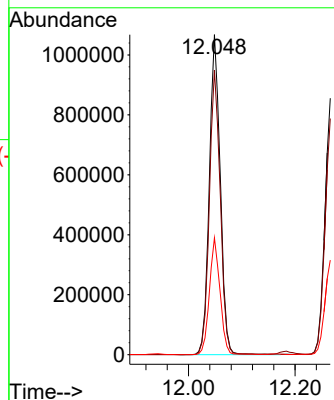
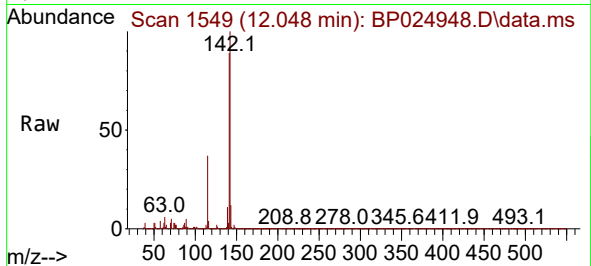




#37
2-Methylnaphthalene
Concen: 48.172 ng
RT: 12.048 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

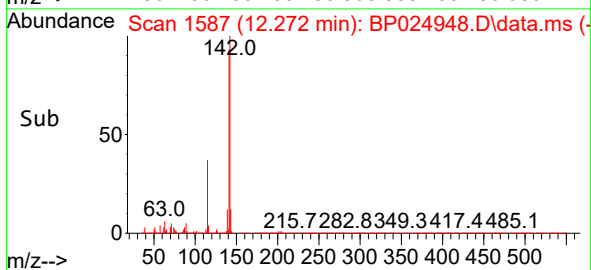
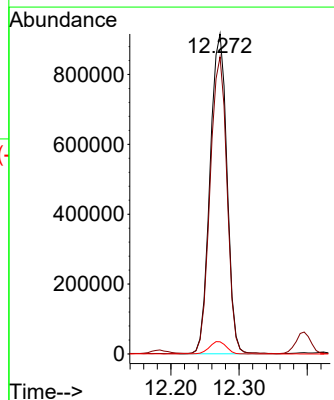
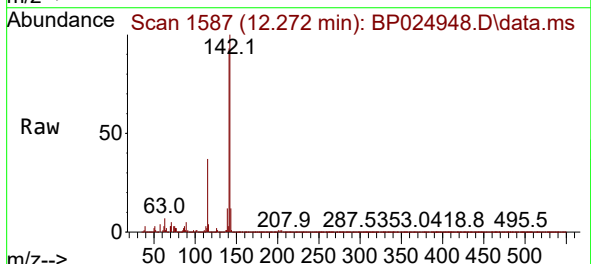
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

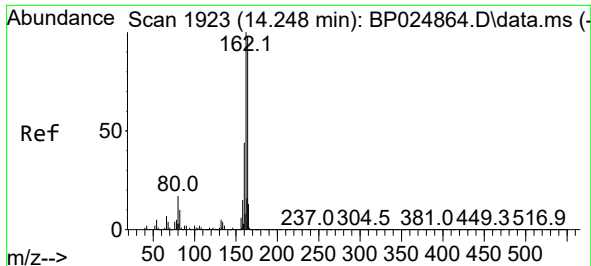
Tgt Ion:142 Resp: 1519504
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 36.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 46.910 ng
RT: 12.272 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:142 Resp: 1581961
Ion Ratio Lower Upper
142 100
141 92.9 74.7 112.1
116 3.8 3.4 5.0

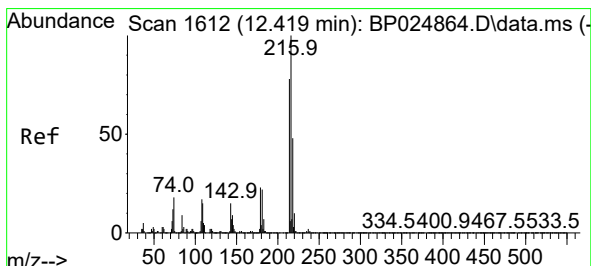
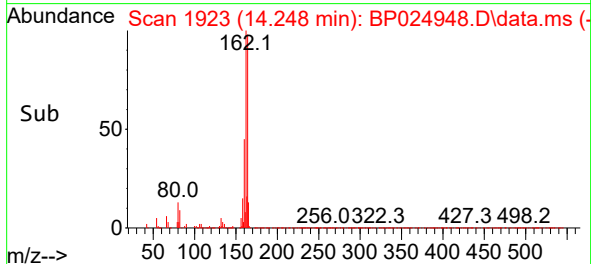
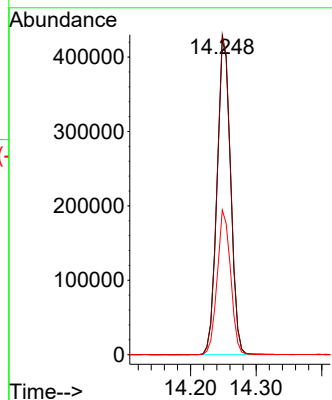
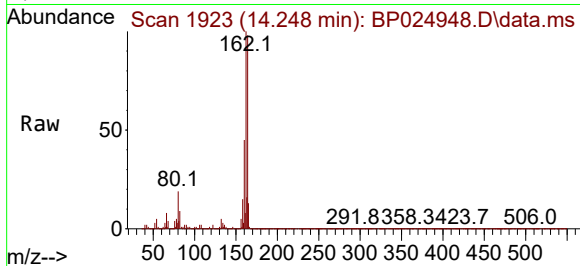




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

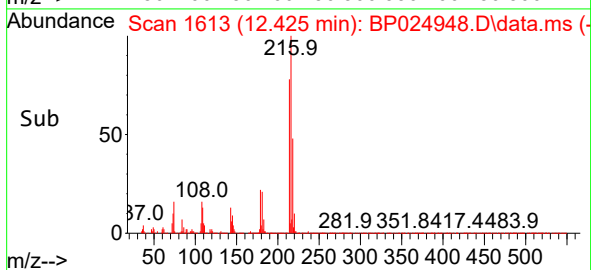
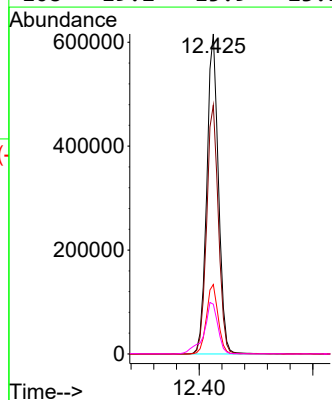
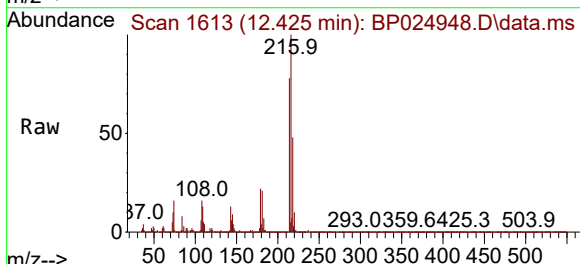
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

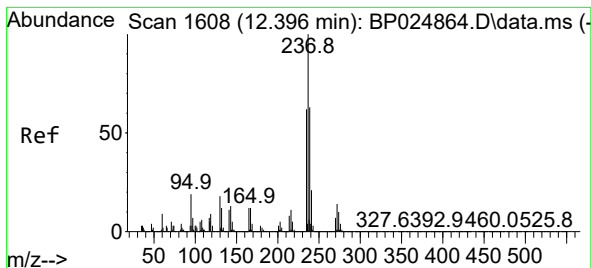
Tgt Ion:164 Resp: 605918
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 45.9 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.608 ng
RT: 12.425 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:216 Resp: 870110
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.8 17.8 26.6
108 19.2 15.9 23.9

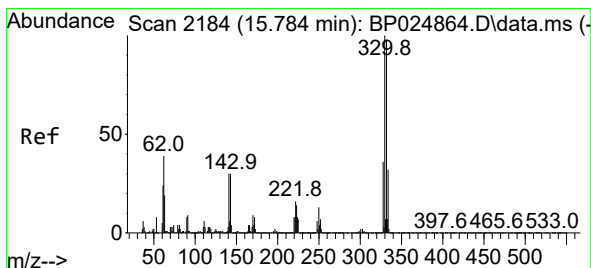
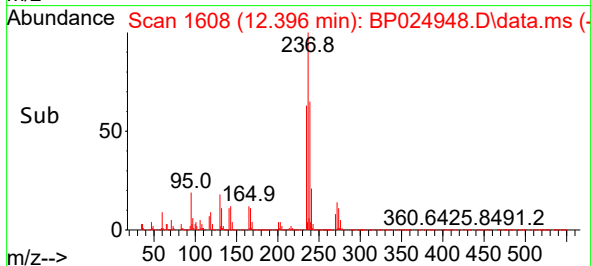
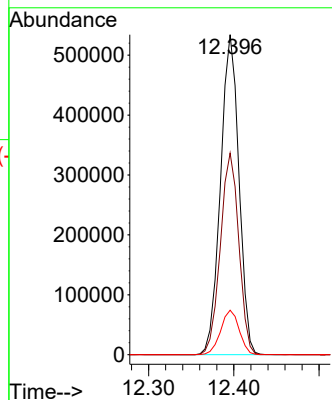
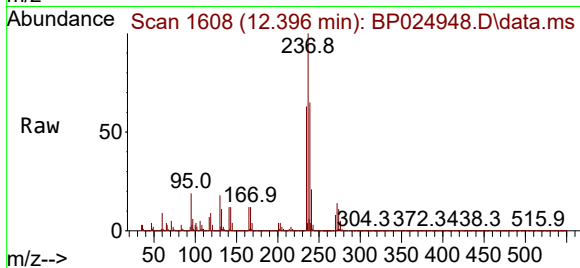




#41
Hexachlorocyclopentadiene
Concen: 76.350 ng
RT: 12.396 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

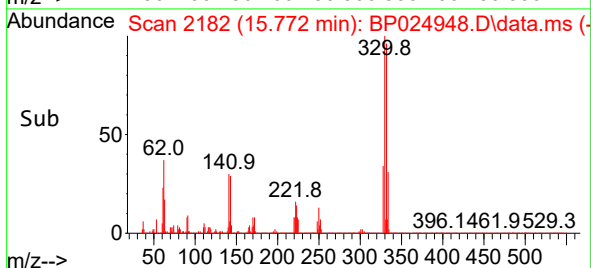
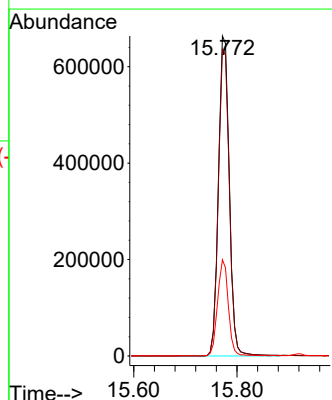
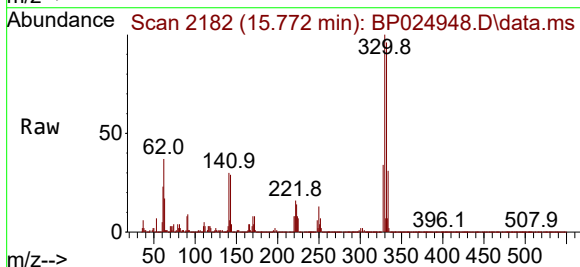
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

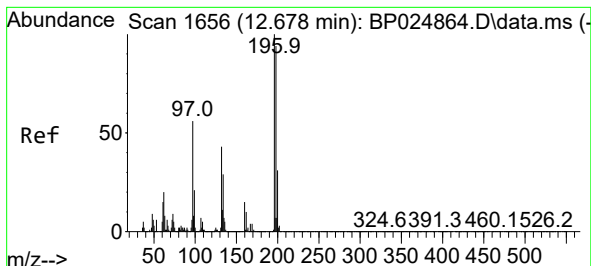
Tgt Ion:237 Resp: 800665
Ion Ratio Lower Upper
237 100
235 63.0 41.9 81.9
272 13.9 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 115.802 ng
RT: 15.772 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:330 Resp: 970090
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 29.6 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 52.137 ng

RT: 12.678 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

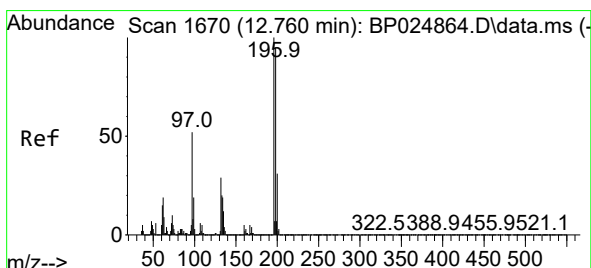
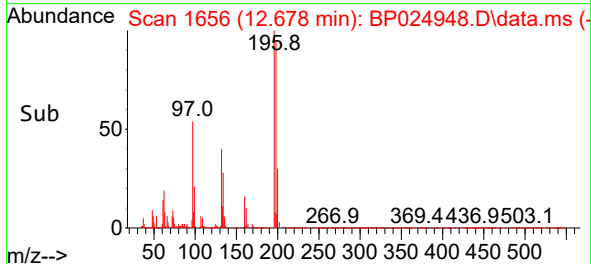
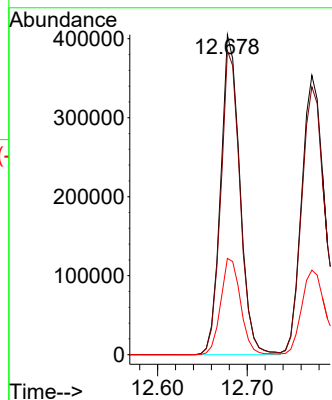
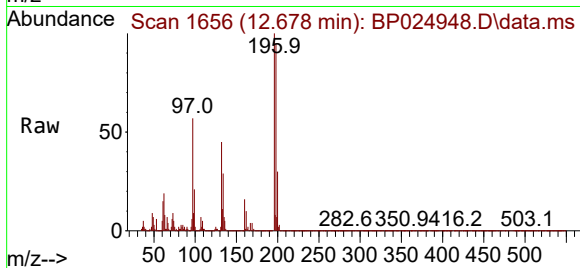
Tgt Ion:196 Resp: 601992

Ion Ratio Lower Upper

196 100

198 95.0 75.4 113.0

200 30.1 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 53.258 ng

RT: 12.772 min Scan# 1672

Delta R.T. 0.012 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Tgt Ion:196 Resp: 658566

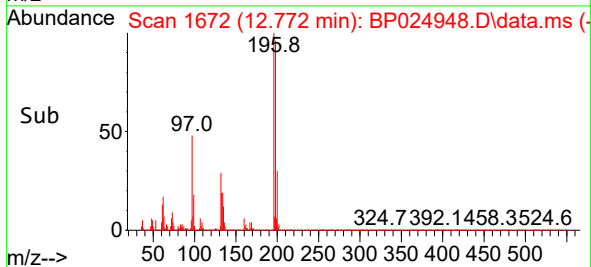
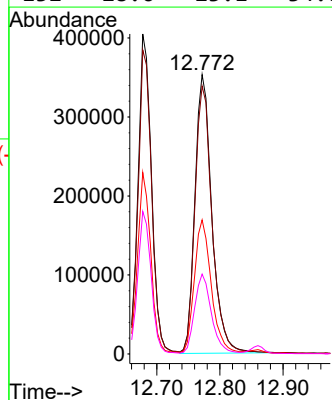
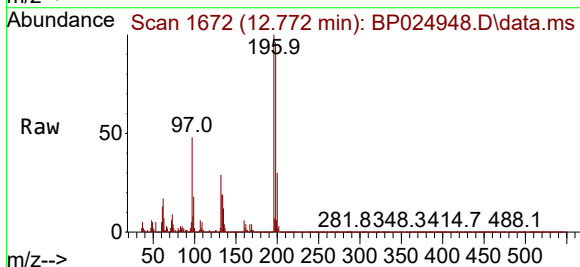
Ion Ratio Lower Upper

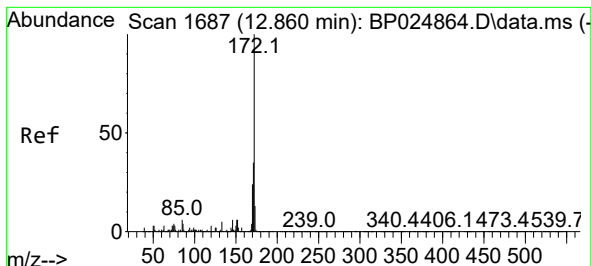
196 100

198 95.9 76.0 114.0

97 48.0 41.5 62.3

132 28.6 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 61.918 ng

RT: 12.860 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

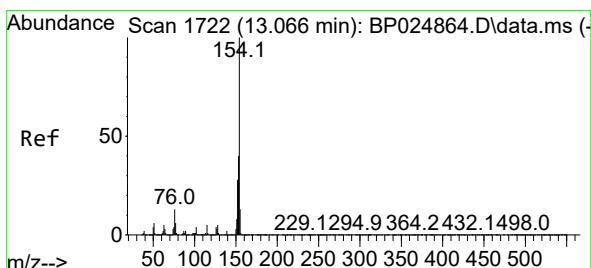
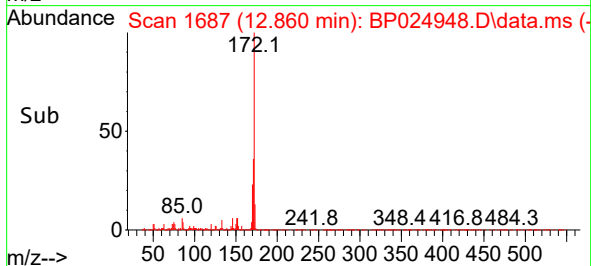
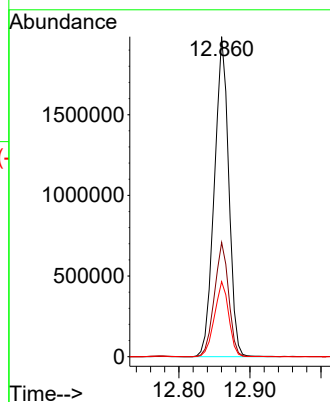
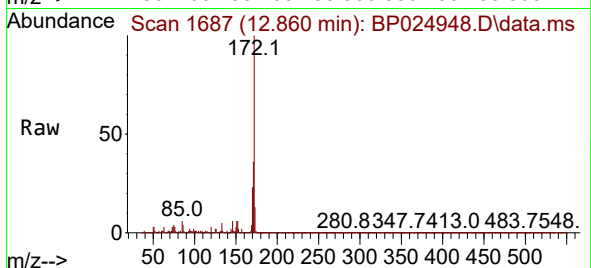
Tgt Ion:172 Resp: 2784978

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.4 19.0 28.4



#46

1,1'-Biphenyl

Concen: 48.624 ng

RT: 13.072 min Scan# 1723

Delta R.T. 0.006 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

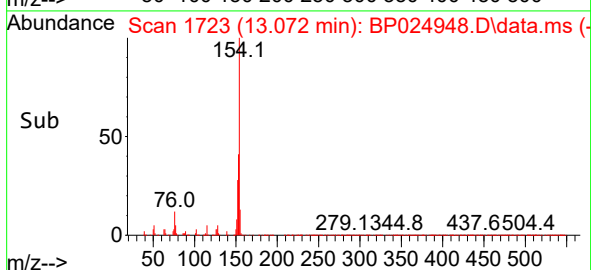
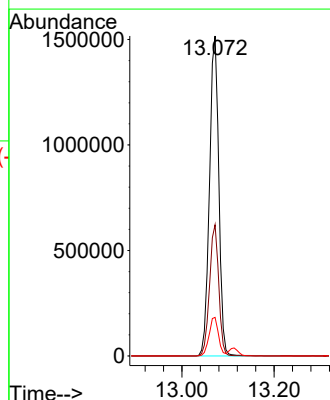
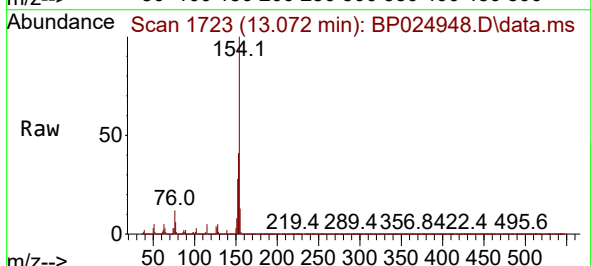
Tgt Ion:154 Resp: 2141104

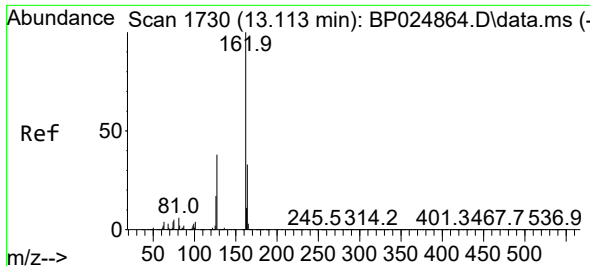
Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

76 12.1 0.0 33.0

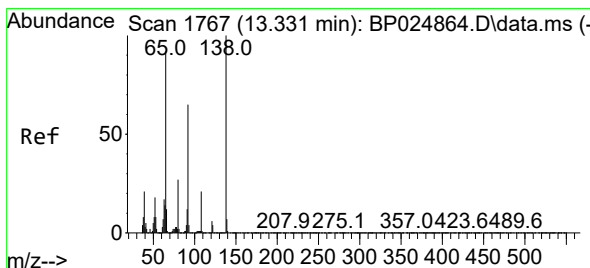
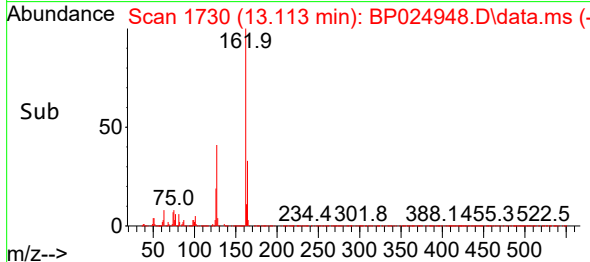
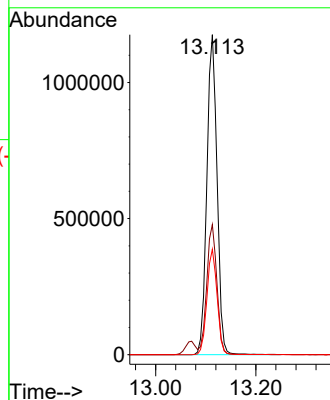
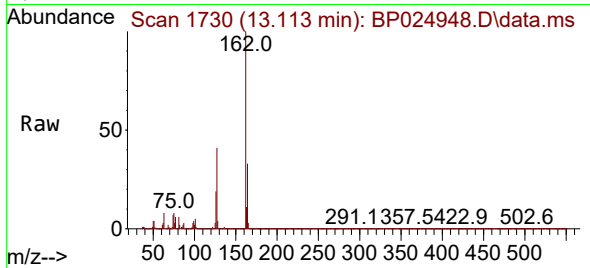




#47
2-Chloronaphthalene
Concen: 49.156 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

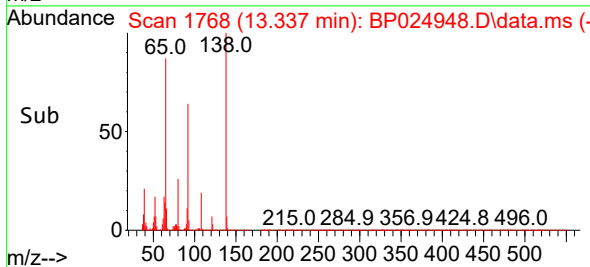
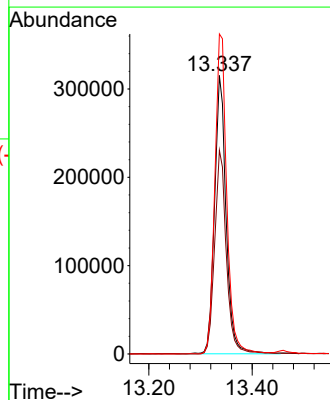
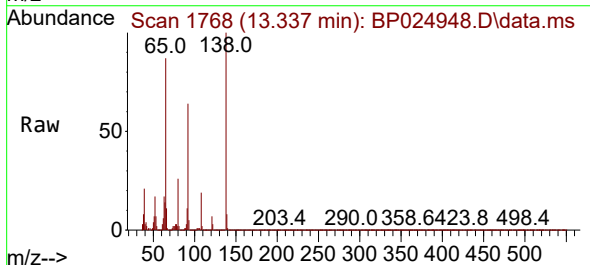
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

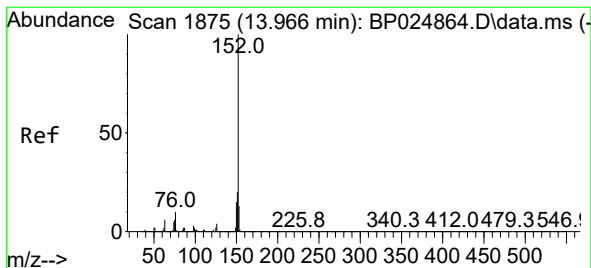
Tgt Ion:162 Resp: 1663592
Ion Ratio Lower Upper
162 100
127 40.7 32.5 48.7
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 47.216 ng
RT: 13.337 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 65 Resp: 491267
Ion Ratio Lower Upper
65 100
92 73.2 56.8 85.2
138 115.0 86.9 130.3





#49

Acenaphthylene

Concen: 48.478 ng

RT: 13.972 min Scan# 1876

Delta R.T. 0.006 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

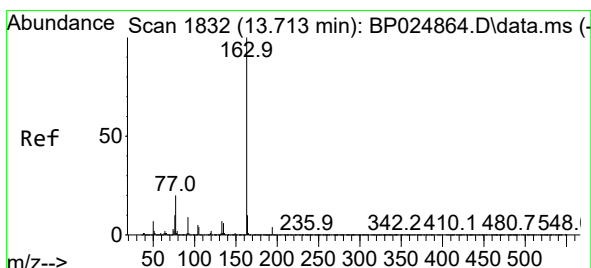
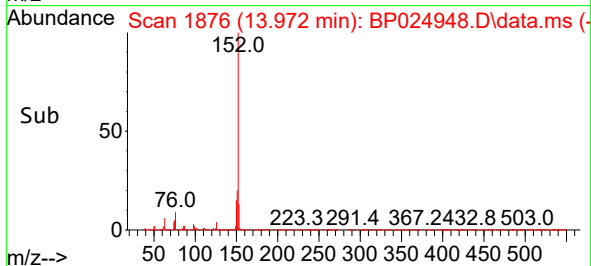
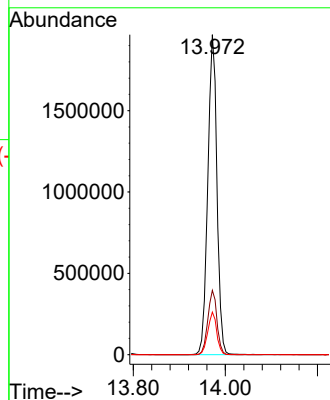
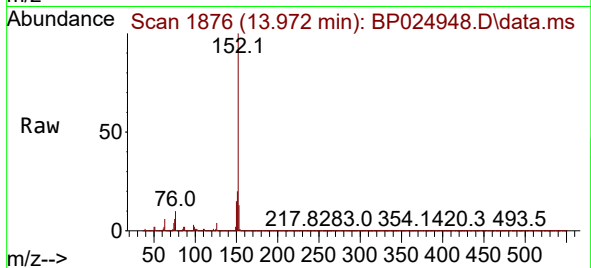
Tgt Ion:152 Resp: 2735554

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 47.538 ng

RT: 13.713 min Scan# 1832

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

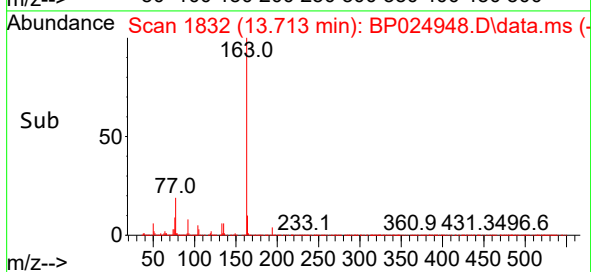
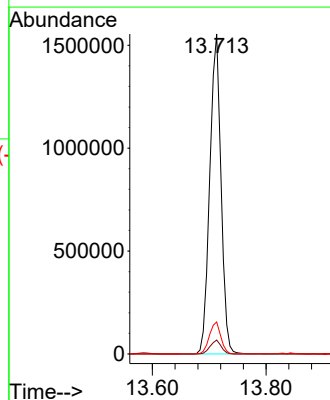
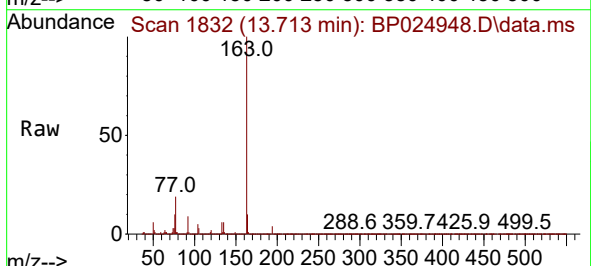
Tgt Ion:163 Resp: 2124847

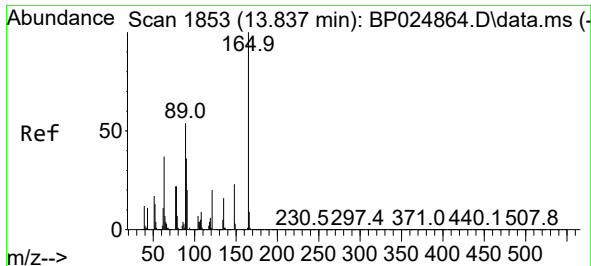
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.0 12.0

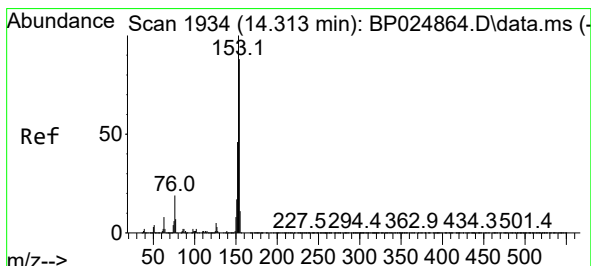
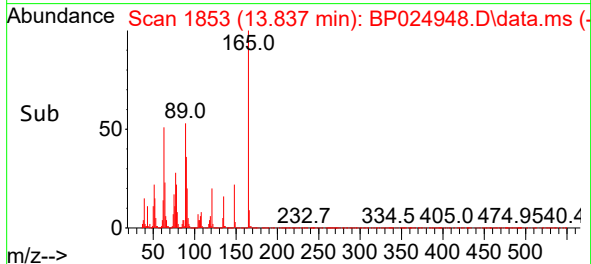
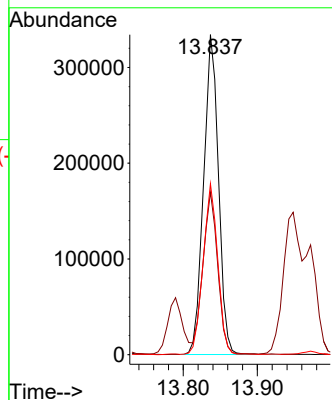
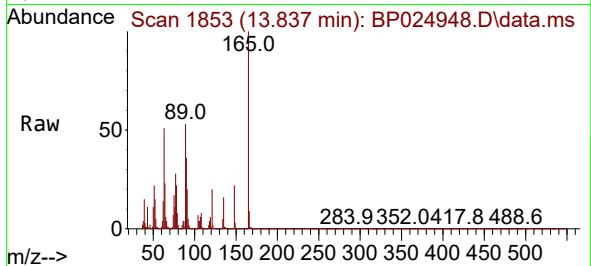




#51
2,6-Dinitrotoluene
Concen: 48.394 ng
RT: 13.837 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

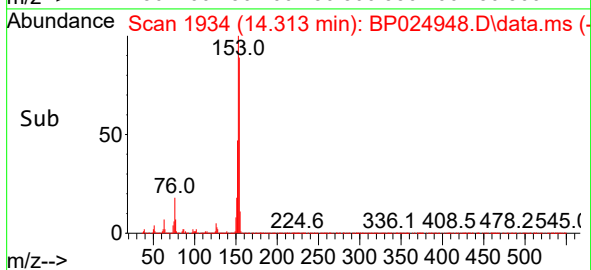
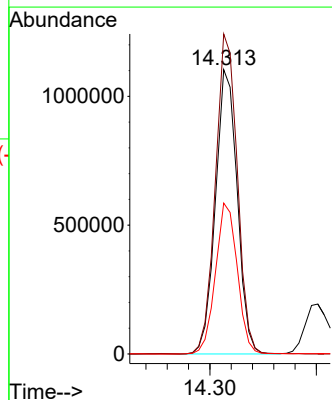
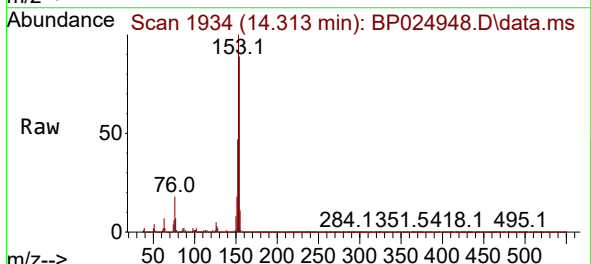
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

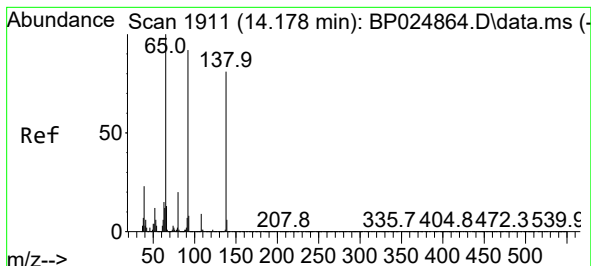
Tgt Ion:165 Resp: 466315
Ion Ratio Lower Upper
165 100
63 50.8 41.8 62.8
89 53.4 43.1 64.7



#52
Acenaphthene
Concen: 48.398 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:154 Resp: 1564993
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 53.1 42.1 63.1

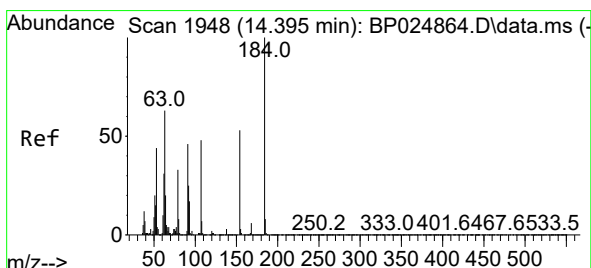
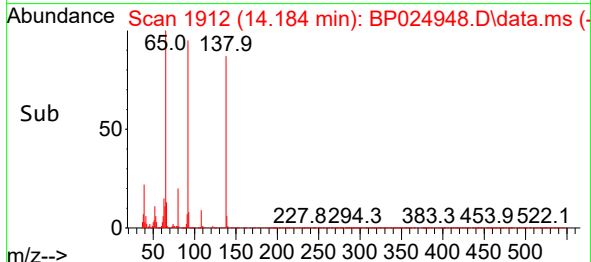
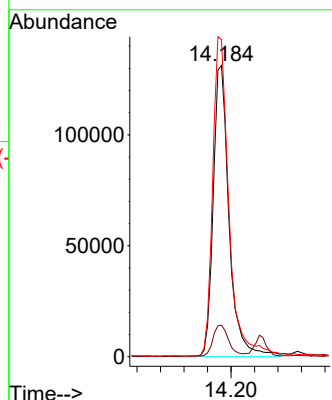
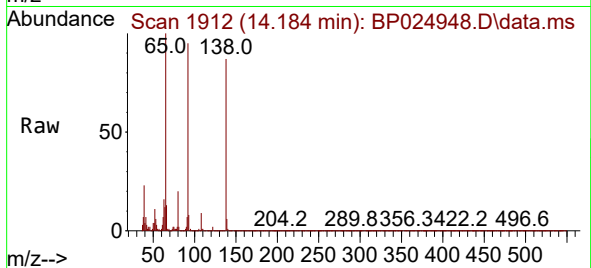




#53
3-Nitroaniline
Concen: 24.414 ng
RT: 14.184 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

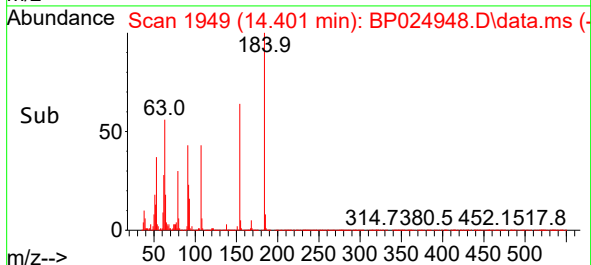
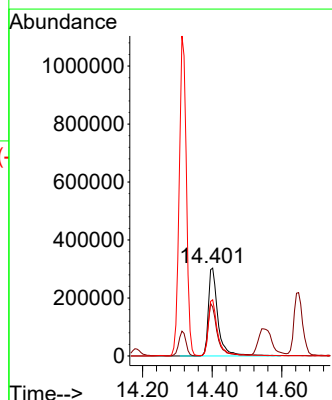
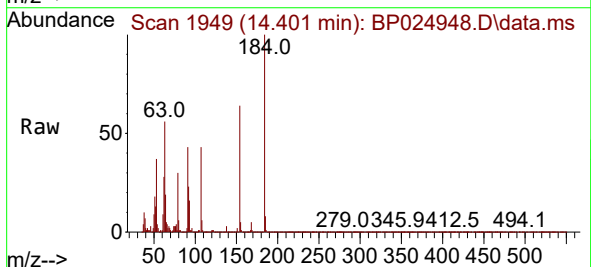
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

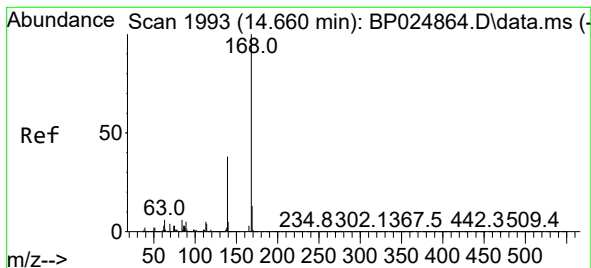
Tgt Ion:138 Resp: 244135
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 108.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 91.582 ng
RT: 14.401 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:184 Resp: 580060
Ion Ratio Lower Upper
184 100
63 55.8 51.0 76.4
154 63.9 51.7 77.5

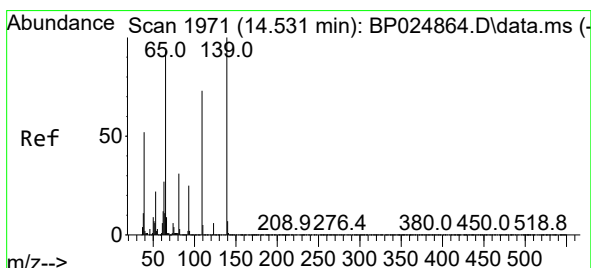
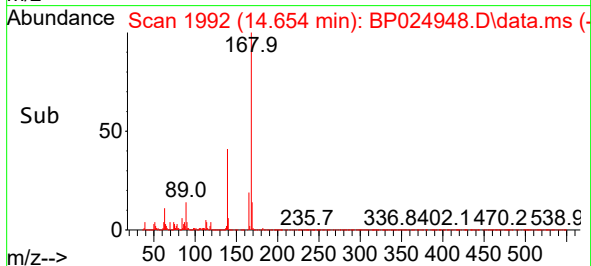
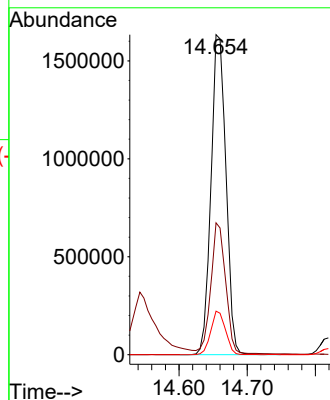
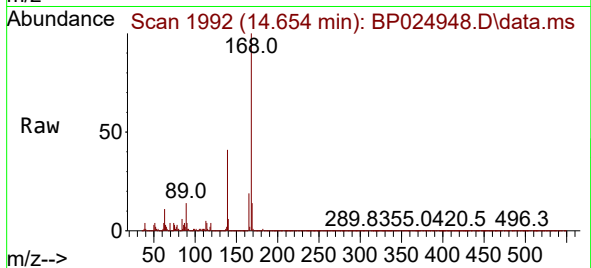




#55
Dibenzenofuran
Concen: 48.088 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

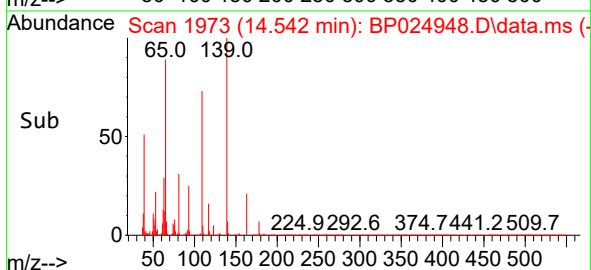
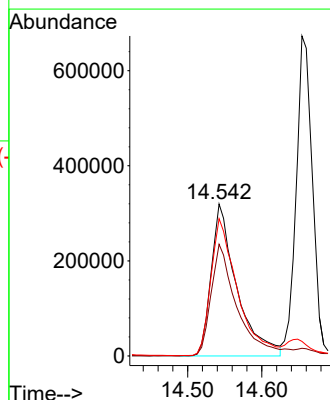
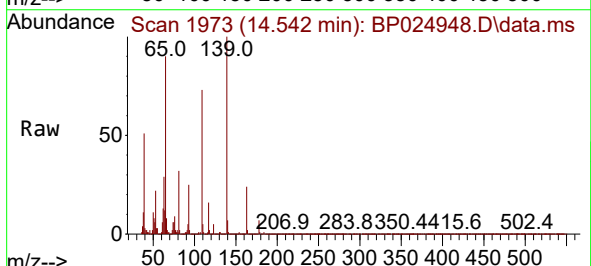
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

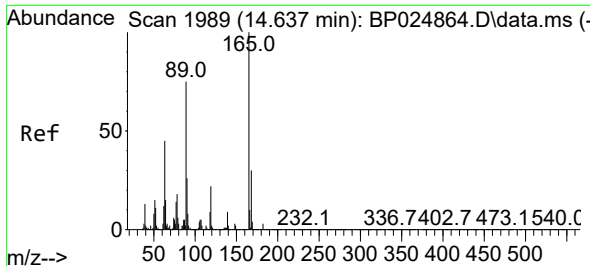
Tgt Ion:168 Resp: 2495985
Ion Ratio Lower Upper
168 100
139 41.2 31.6 47.4
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 89.324 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:139 Resp: 761905
Ion Ratio Lower Upper
139 100
109 73.4 53.1 93.1
65 90.3 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 49.818 ng

RT: 14.648 min Scan# 1989

Delta R.T. 0.011 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

Tgt Ion:165 Resp: 671501

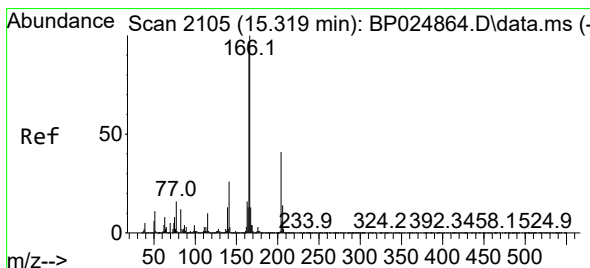
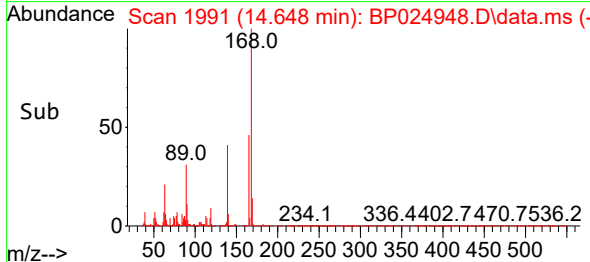
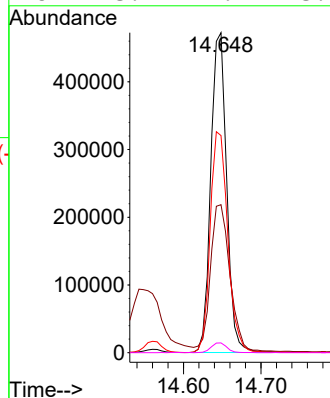
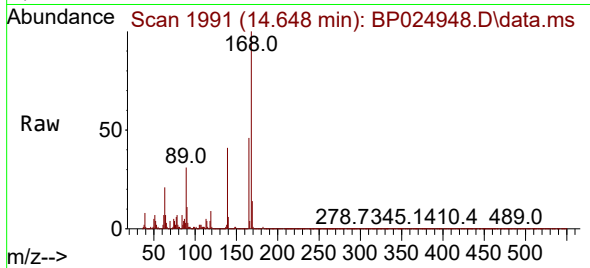
Ion Ratio Lower Upper

165 100

63 46.2 37.0 55.6

89 67.9 60.1 90.1

182 3.1 2.4 3.6



#58

Fluorene

Concen: 48.352 ng

RT: 15.319 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

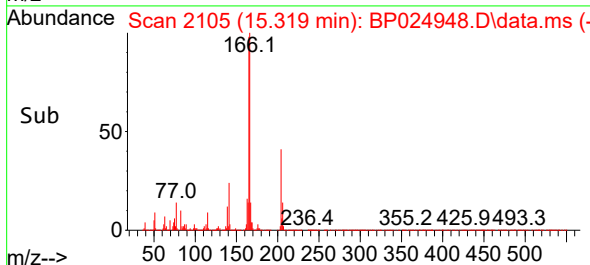
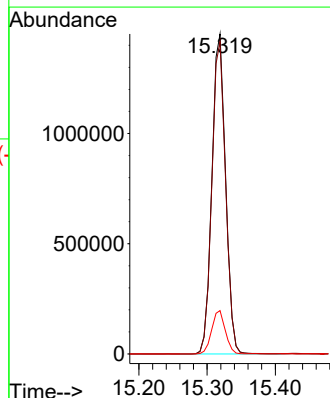
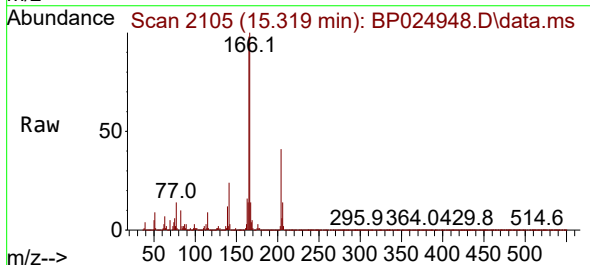
Tgt Ion:166 Resp: 2027413

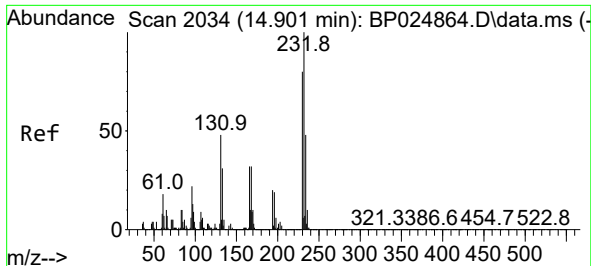
Ion Ratio Lower Upper

166 100

165 97.6 77.7 116.5

167 13.6 10.6 16.0

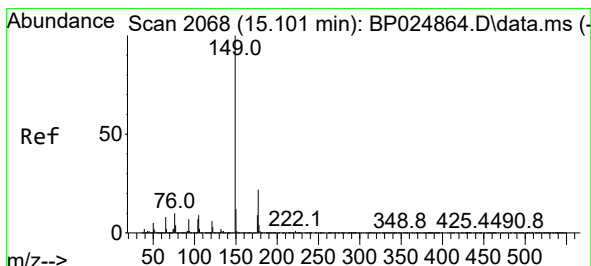
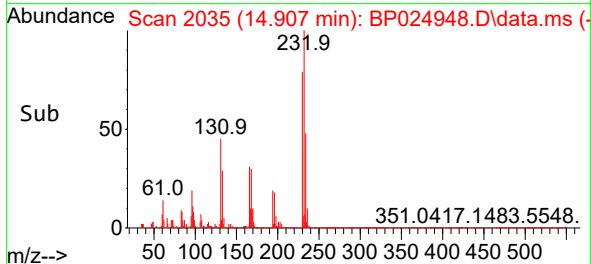
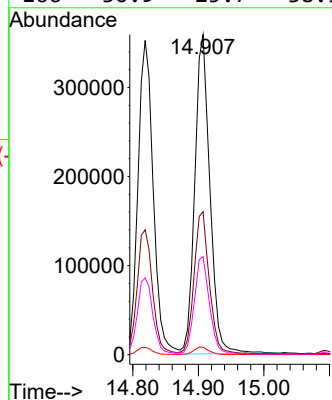
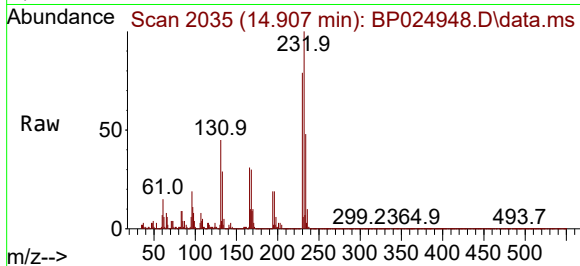




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.885 ng
RT: 14.907 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

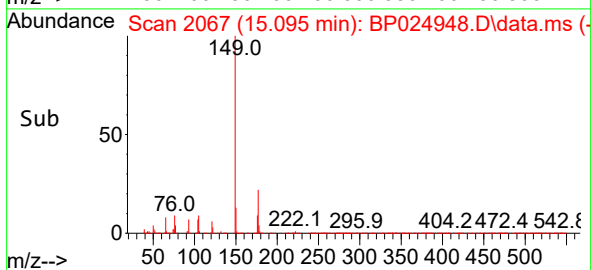
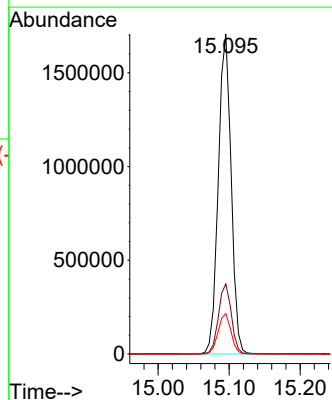
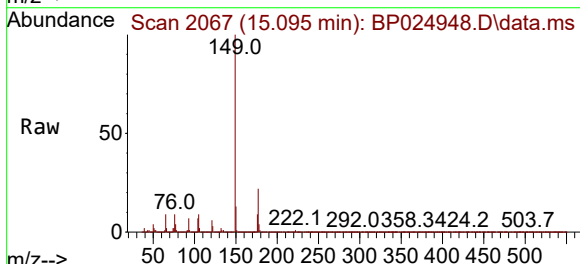
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

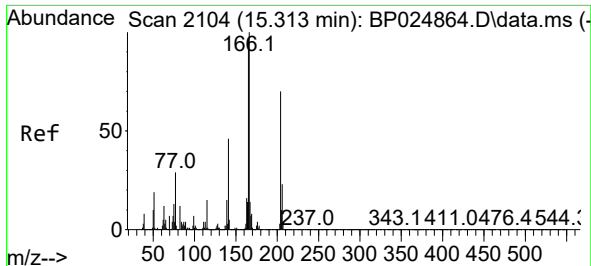
Tgt Ion:232 Resp: 573239
Ion Ratio Lower Upper
232 100
131 45.2 38.2 57.2
130 2.5 2.1 3.1
166 30.9 25.7 38.5



#60
Diethylphthalate
Concen: 47.814 ng
RT: 15.095 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:149 Resp: 2129941
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.6 9.8 14.6

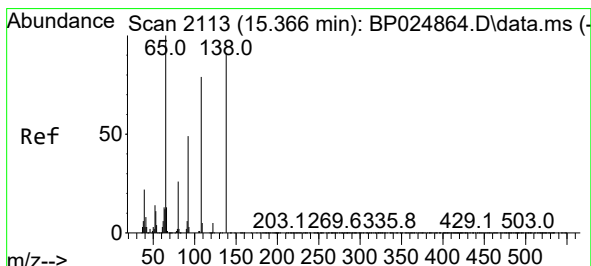
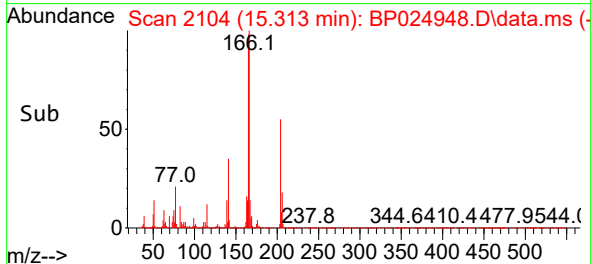
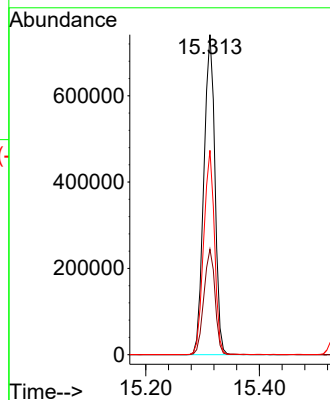
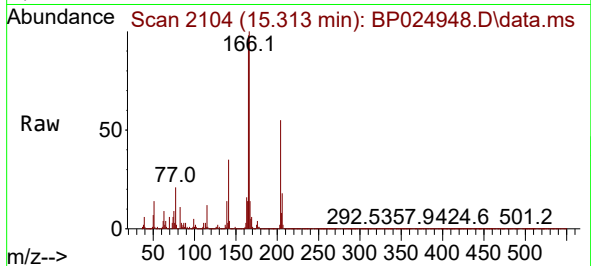




#61
4-Chlorophenyl-phenylether
Concen: 48.898 ng
RT: 15.313 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

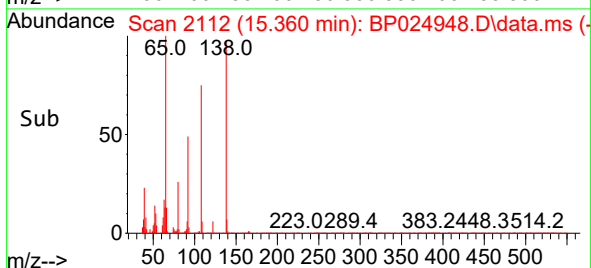
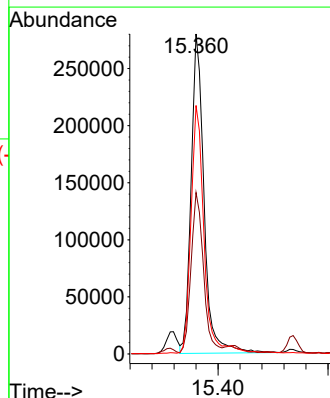
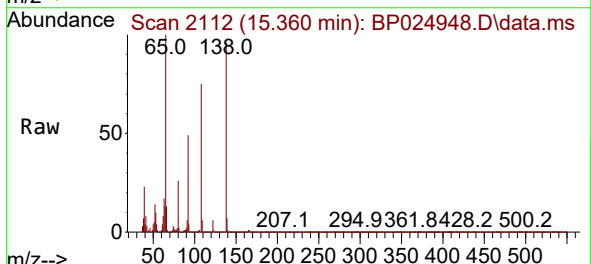
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

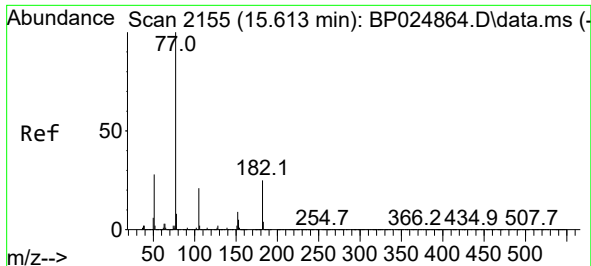
Tgt Ion:204 Resp: 1002485
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 63.8 52.4 78.6



#62
4-Nitroaniline
Concen: 50.227 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:138 Resp: 455404
Ion Ratio Lower Upper
138 100
92 50.5 33.5 73.5
108 77.6 65.1 105.1



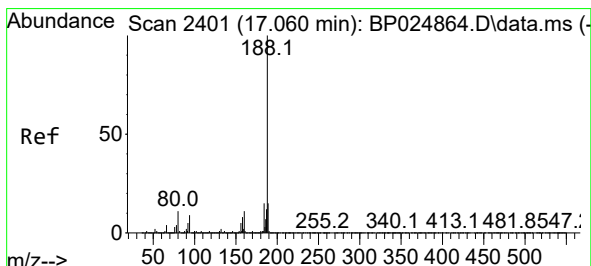
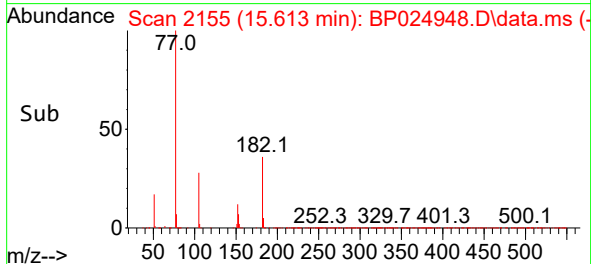
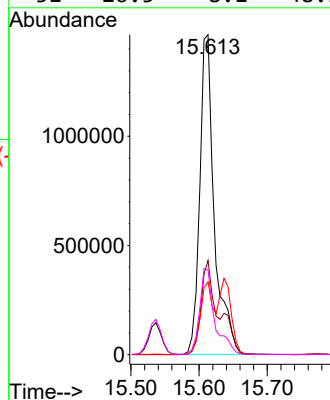
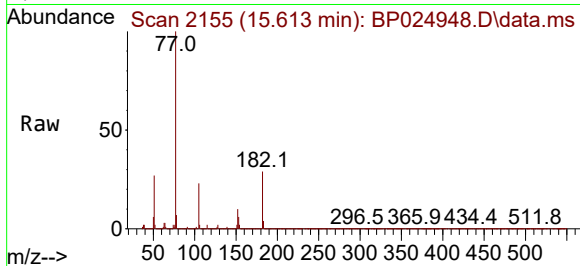


#63
Azobenzene
Concen: 53.554 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Instrument :
BNA_P
ClientSampleId :
TP-7MSD

Tgt Ion: 77 Resp: 2187937

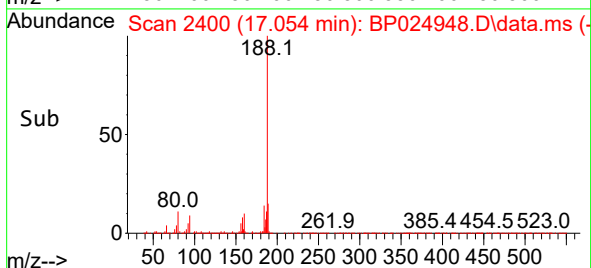
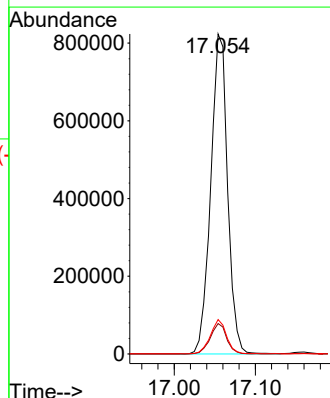
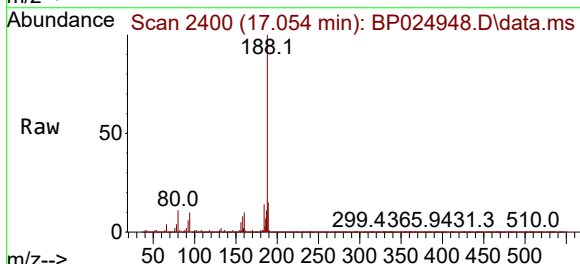
Ion	Ratio	Lower	Upper
77	100		
182	29.5	5.4	45.4
105	22.7	0.8	40.8
51	26.5	8.1	48.1

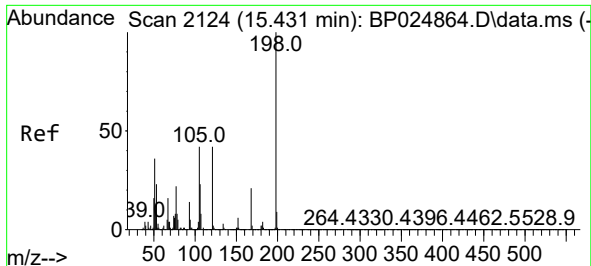


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion: 188 Resp: 1185670

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.7	8.5	12.7

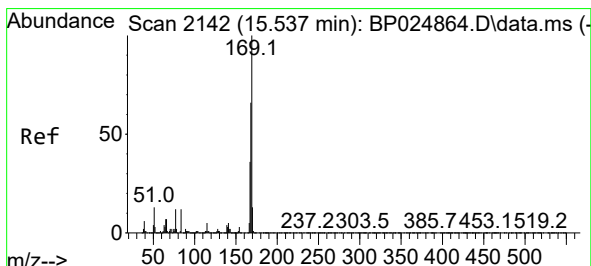
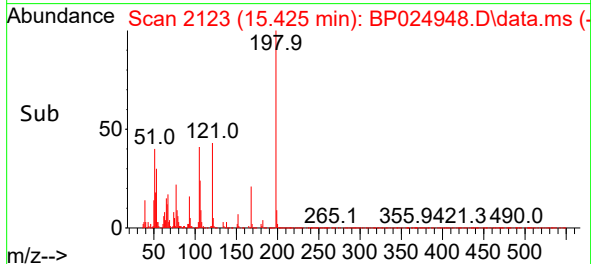
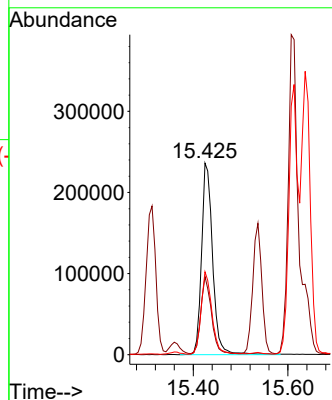
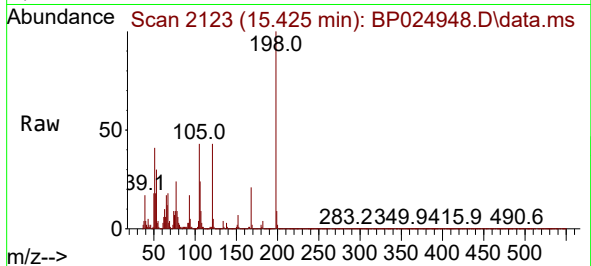




#65
4,6-Dinitro-2-methylphenol
Concen: 48.915 ng
RT: 15.425 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

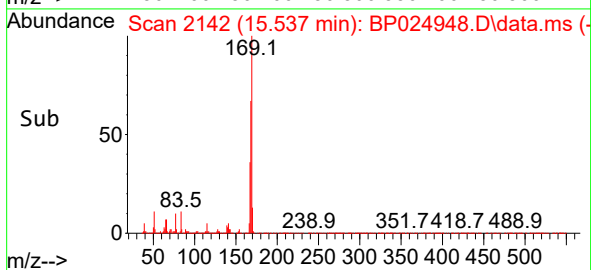
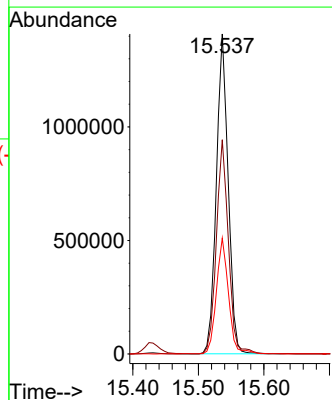
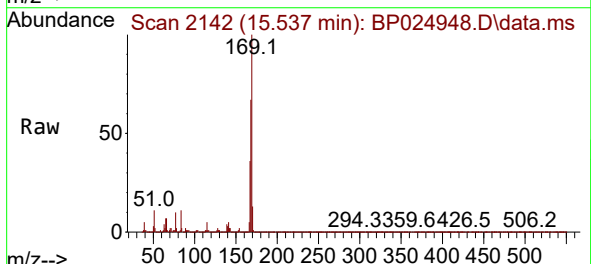
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

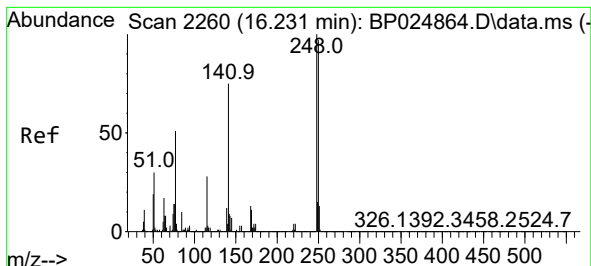
Tgt Ion:198 Resp: 381094
Ion Ratio Lower Upper
198 100
51 40.8 19.2 59.2
105 43.3 22.6 62.6



#66
n-Nitrosodiphenylamine
Concen: 47.931 ng
RT: 15.537 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:169 Resp: 1761479
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.2 28.6 43.0

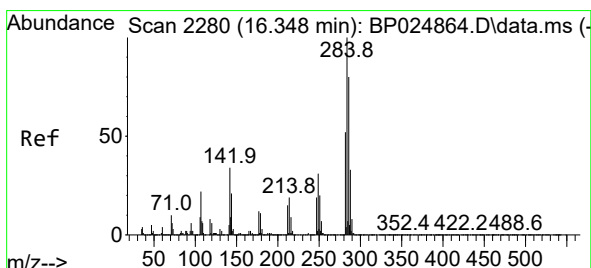
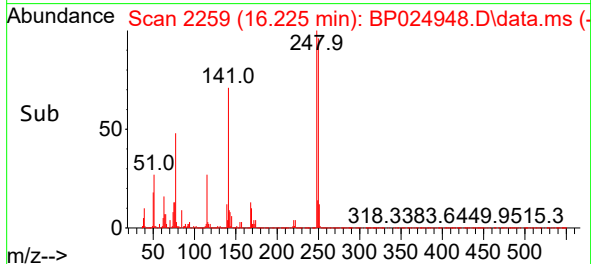
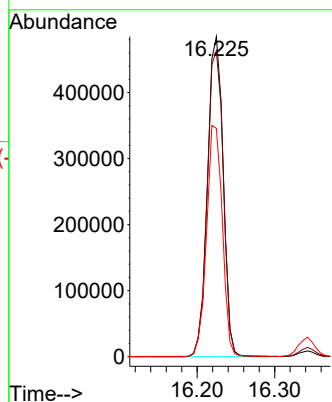
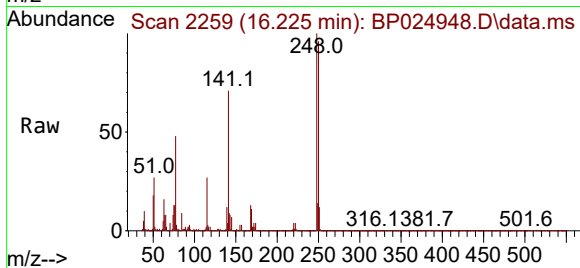




#67
4-Bromophenyl-phenylether
Concen: 51.210 ng
RT: 16.225 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

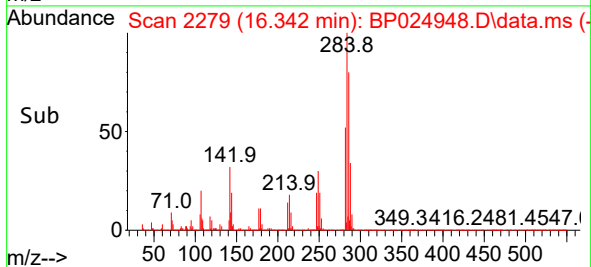
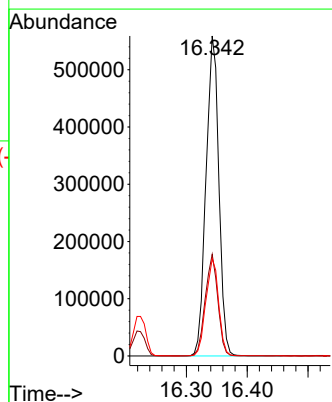
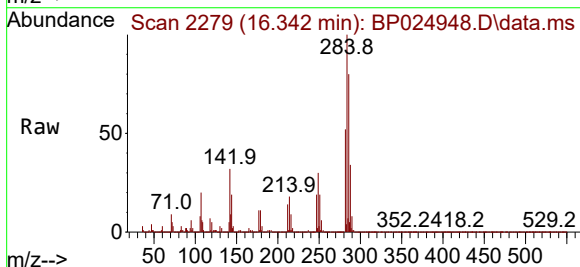
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

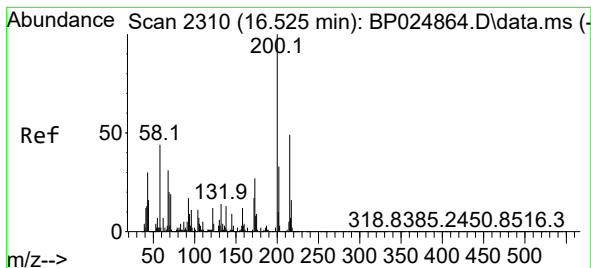
Tgt Ion:248 Resp: 685105
Ion Ratio Lower Upper
248 100
250 95.6 77.4 116.2
141 71.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 50.432 ng
RT: 16.342 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:284 Resp: 817924
Ion Ratio Lower Upper
284 100
142 31.7 27.0 40.6
249 30.4 25.0 37.6





#69

Atrazine

Concen: 49.683 ng

RT: 16.519 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

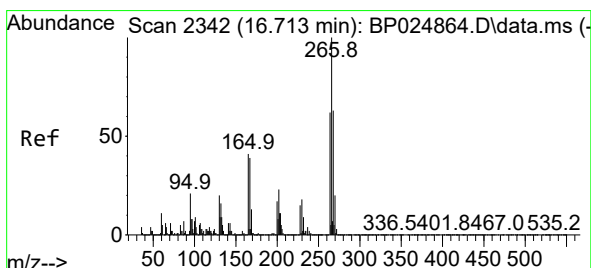
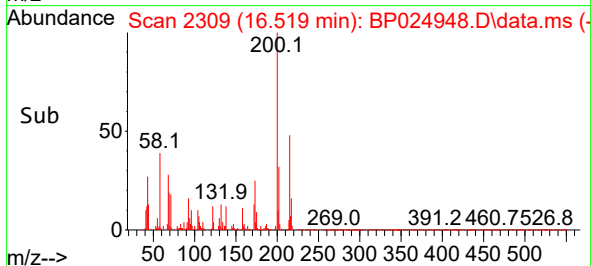
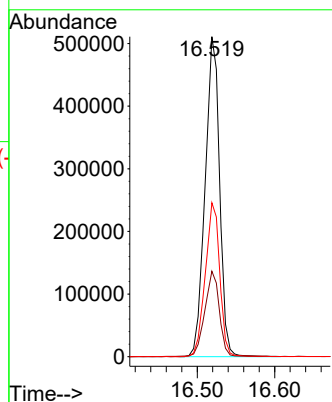
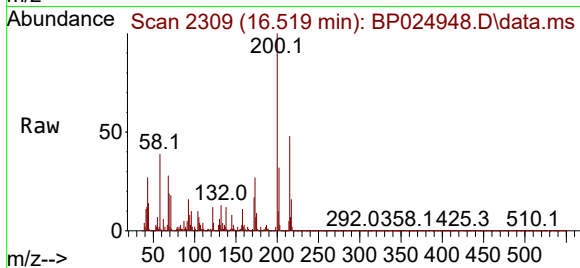
Tgt Ion:200 Resp: 661903

Ion Ratio Lower Upper

200 100

173 26.7 6.9 46.9

215 48.1 28.7 68.7



#70

Pentachlorophenol

Concen: 118.839 ng

RT: 16.713 min Scan# 2342

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

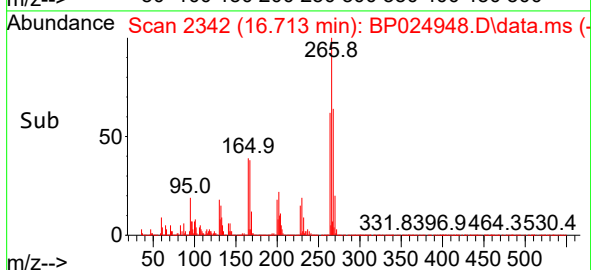
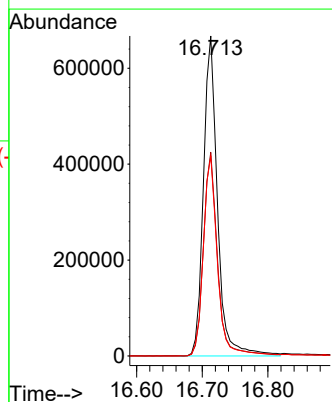
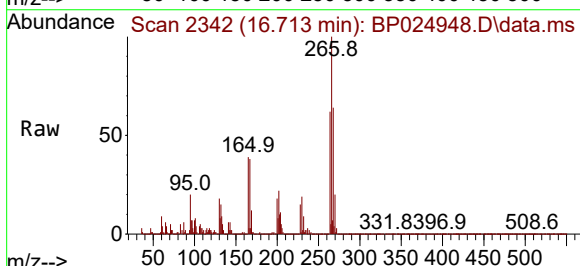
Tgt Ion:266 Resp: 997506

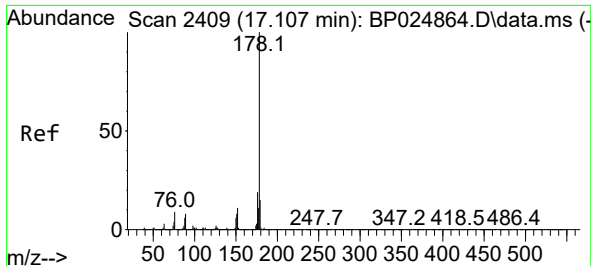
Ion Ratio Lower Upper

266 100

268 63.6 50.6 76.0

264 62.5 49.7 74.5

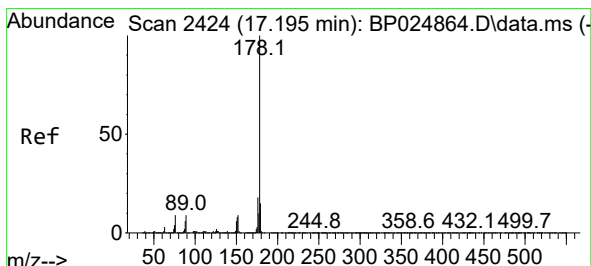
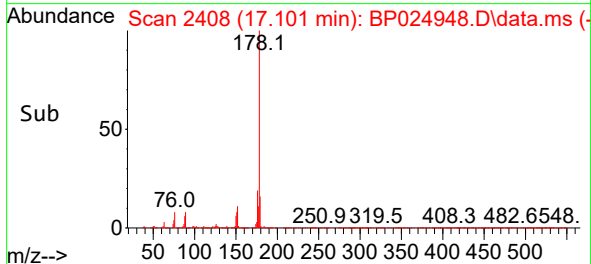
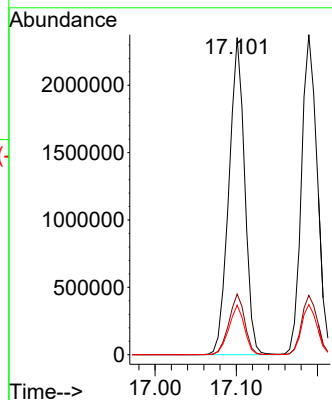
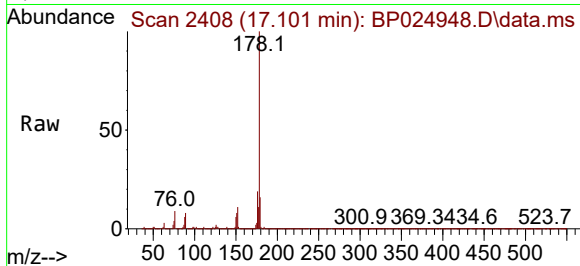




#71
Phenanthrene
Concen: 48.434 ng
RT: 17.101 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

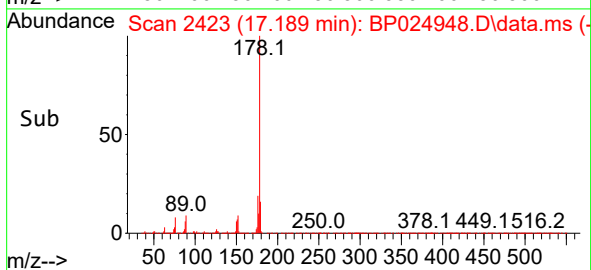
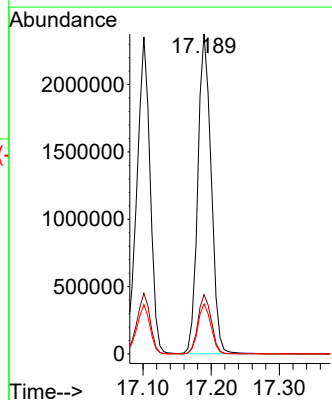
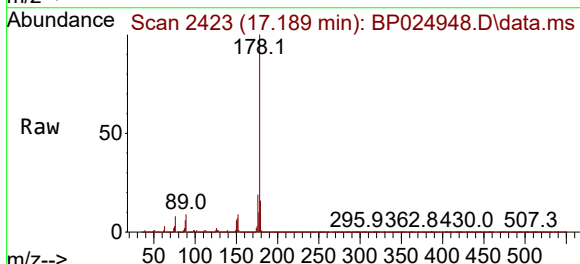
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

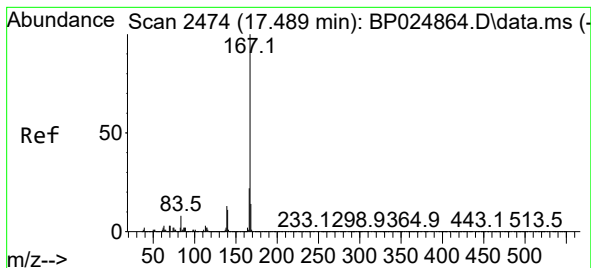
Tgt Ion:178 Resp: 3173482
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.1 18.1



#72
Anthracene
Concen: 48.556 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:178 Resp: 3222098
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.6 12.3 18.5





#73

Carbazole

Concen: 49.017 ng

RT: 17.483 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

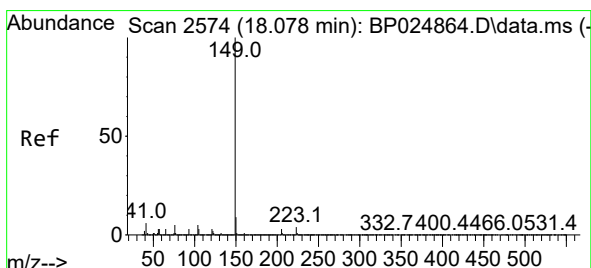
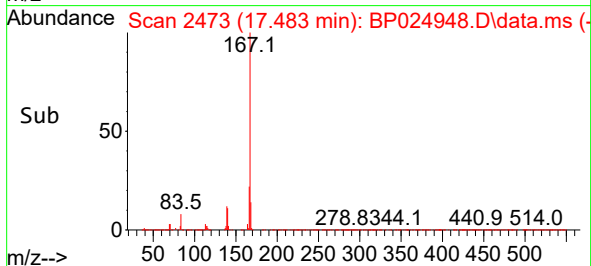
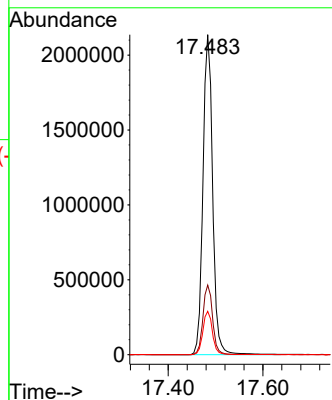
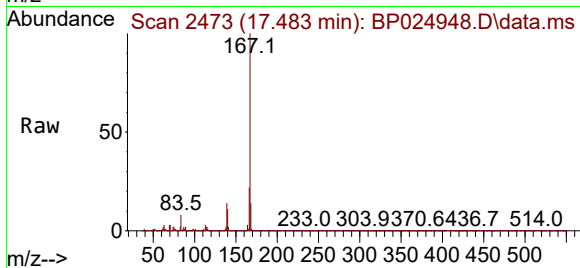
Tgt Ion:167 Resp: 3014897

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 49.391 ng

RT: 18.060 min Scan# 2571

Delta R.T. -0.018 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

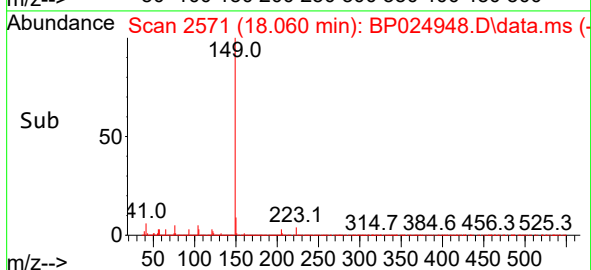
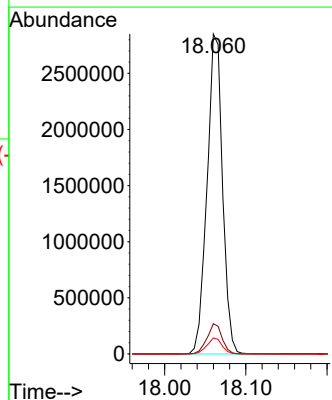
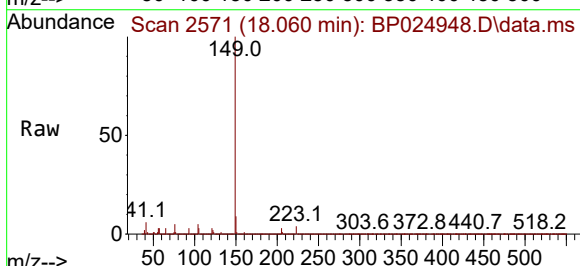
Tgt Ion:149 Resp: 3763937

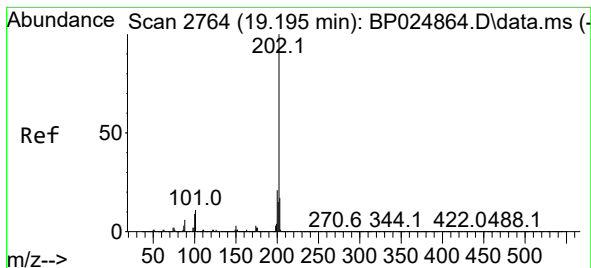
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.0 4.2 6.2

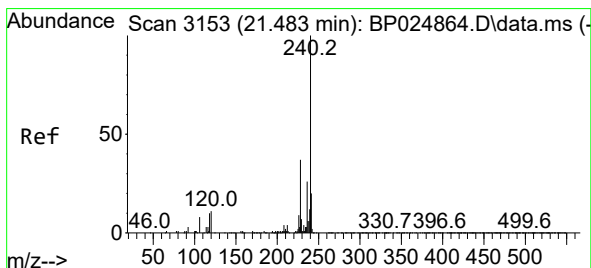
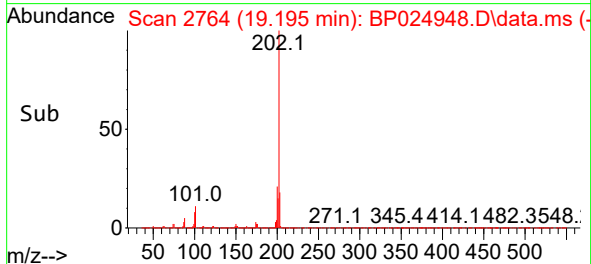
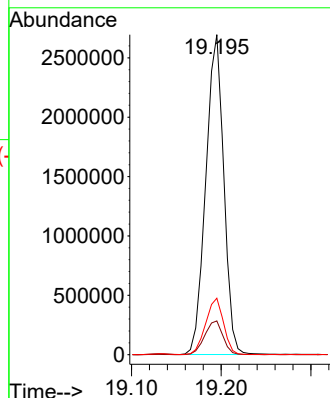
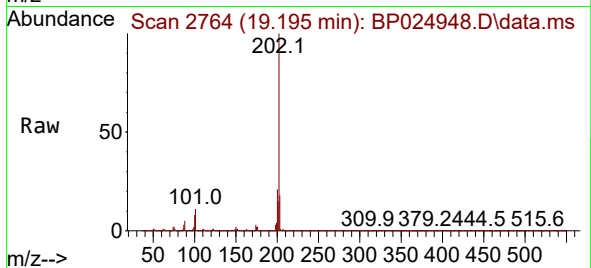




#75
Fluoranthene
Concen: 49.401 ng
RT: 19.195 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

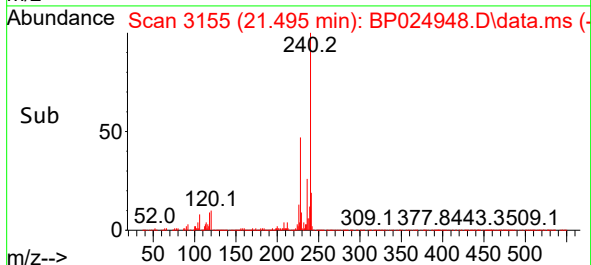
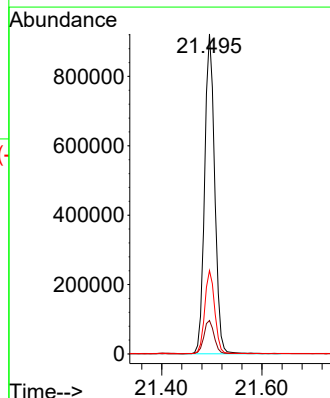
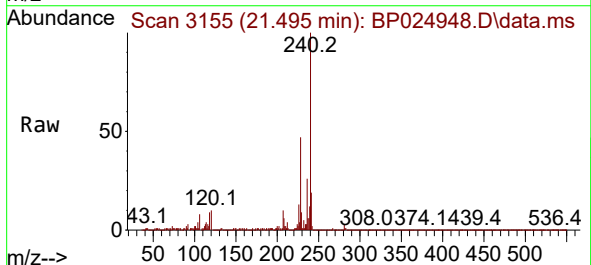
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

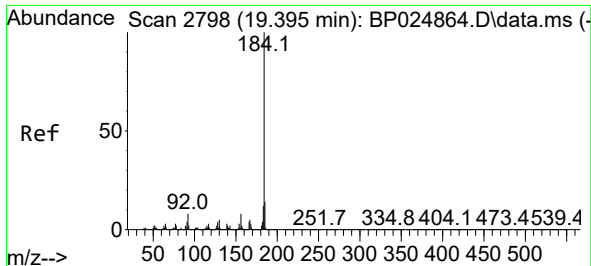
Tgt Ion:202 Resp: 3751628
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:240 Resp: 1287564
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.1 20.9 31.3

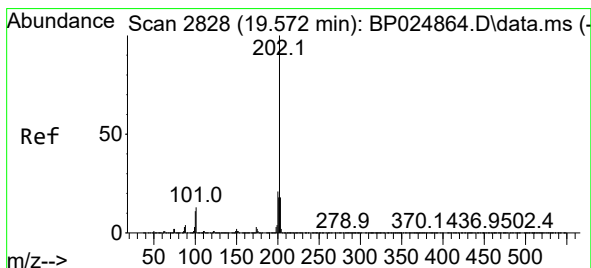
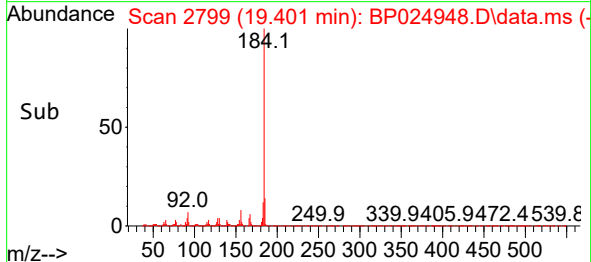
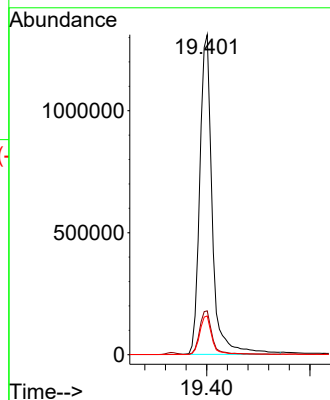
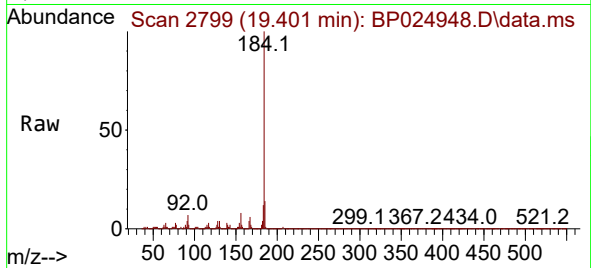




#77
Benzidine
Concen: 55.096 ng
RT: 19.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

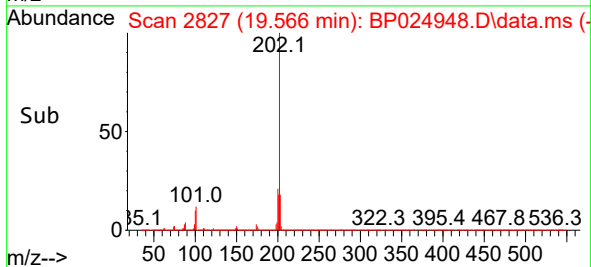
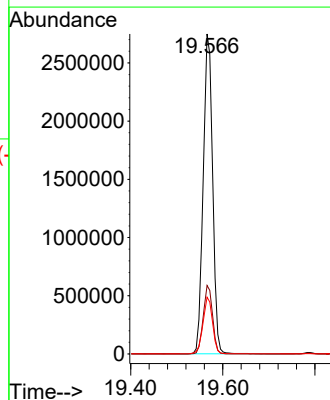
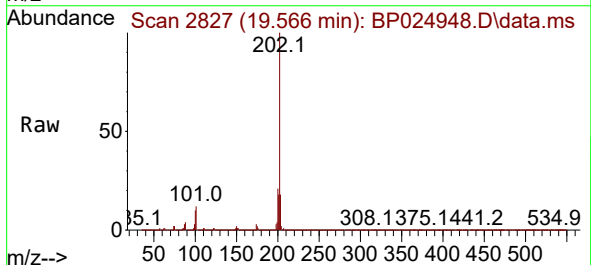
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

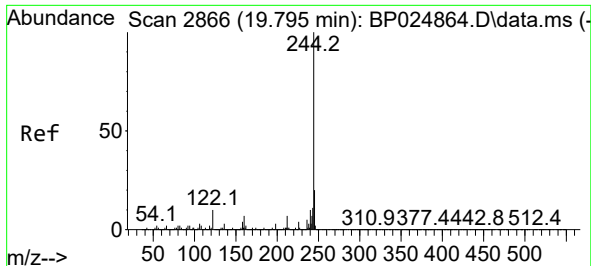
Tgt Ion:184 Resp: 2197094
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.0
183 12.1 9.5 14.3



#78
Pyrene
Concen: 48.828 ng
RT: 19.566 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:202 Resp: 3927745
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.8 14.0 21.0

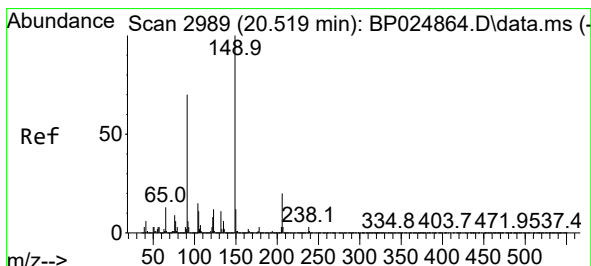
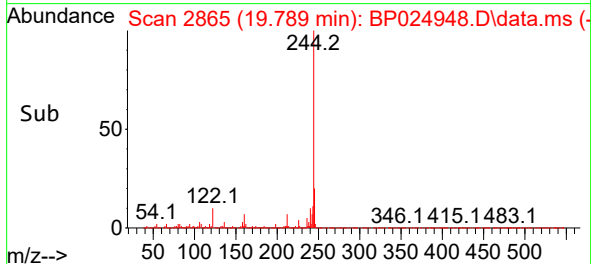
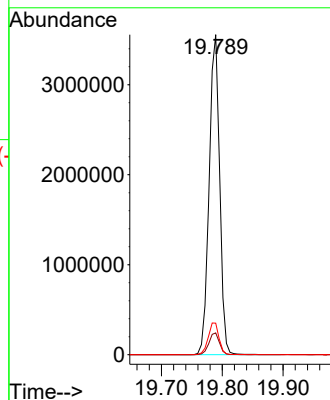
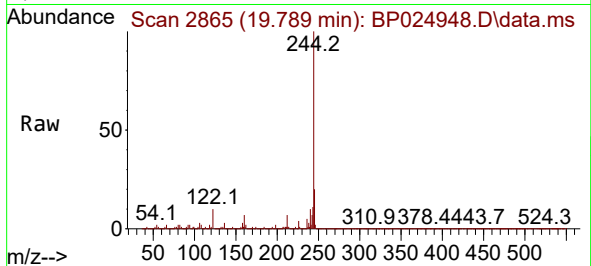




#79
 Terphenyl-d14
 Concen: 59.356 ng
 RT: 19.789 min Scan# 2865
 Delta R.T. -0.006 min
 Lab File: BP024948.D
 Acq: 13 Jun 2025 17:34

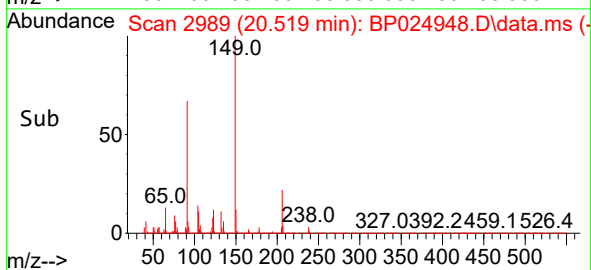
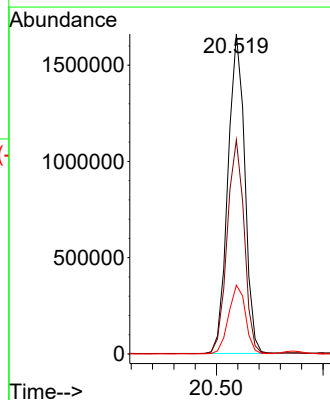
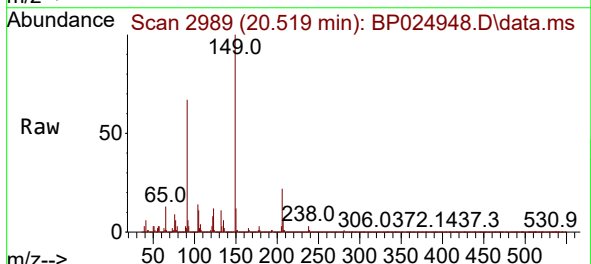
Instrument :
 BNA_P
 ClientSampleId :
 TP-7MSD

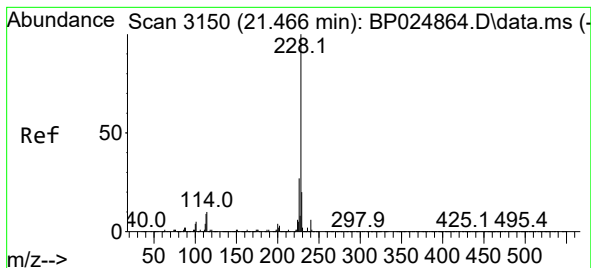
Tgt Ion:244 Resp: 4264171
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 49.385 ng
 RT: 20.519 min Scan# 2989
 Delta R.T. -0.000 min
 Lab File: BP024948.D
 Acq: 13 Jun 2025 17:34

Tgt Ion:149 Resp: 1819641
 Ion Ratio Lower Upper
 149 100
 91 66.9 55.8 83.8
 206 21.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.802 ng

RT: 21.477 min Scan# 3150

Delta R.T. 0.012 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

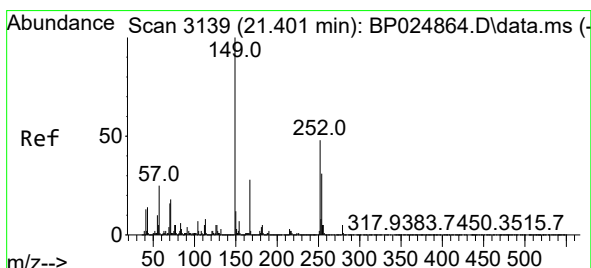
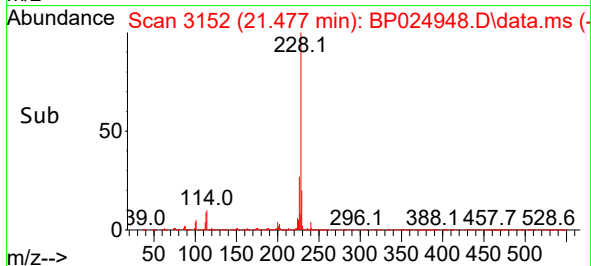
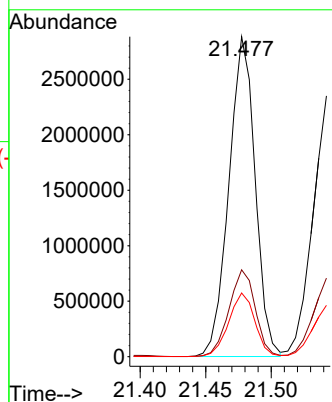
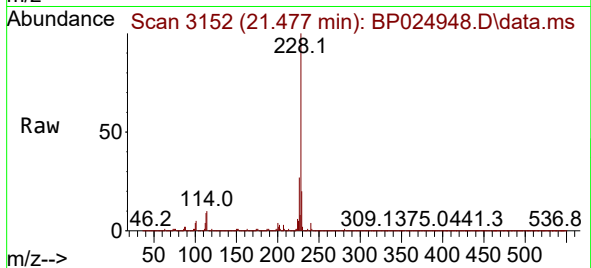
Tgt Ion:228 Resp: 4018874

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 32.623 ng

RT: 21.401 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

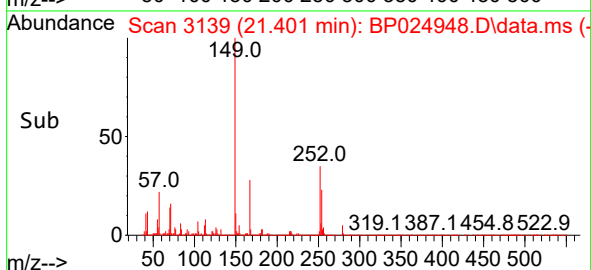
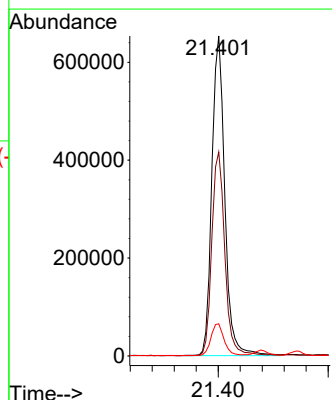
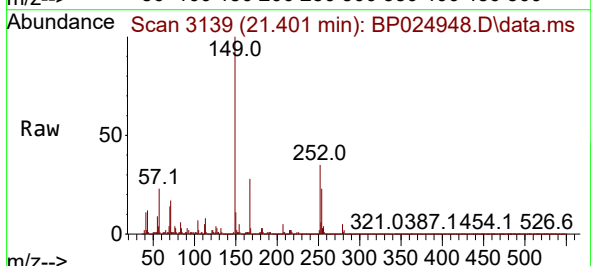
Tgt Ion:252 Resp: 1066536

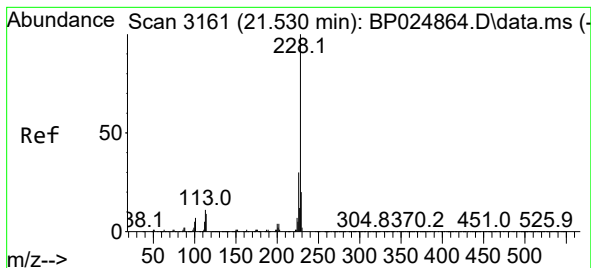
Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

126 10.1 8.6 12.8





#83

Chrysene

Concen: 48.407 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.012 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

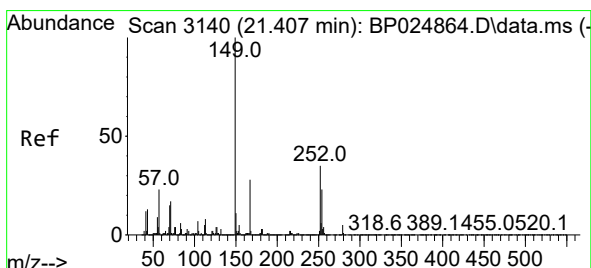
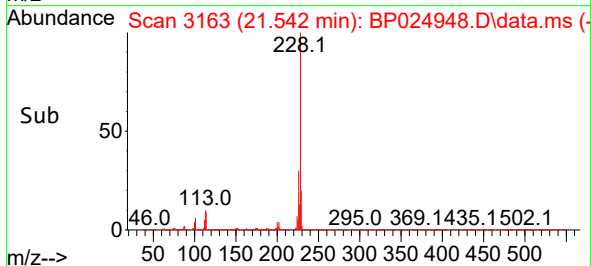
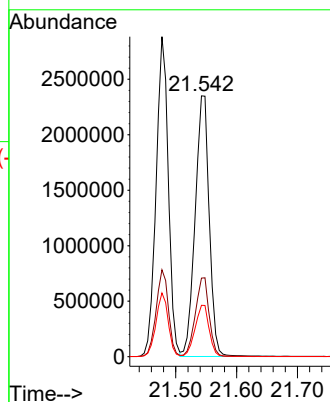
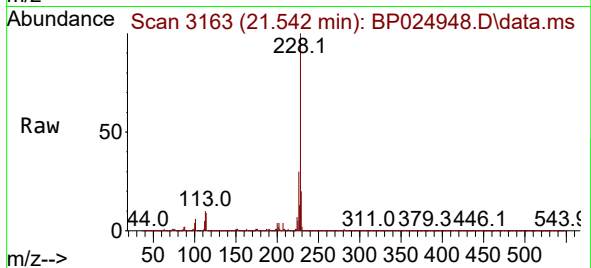
Tgt Ion:228 Resp: 3777127

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.209 ng

RT: 21.407 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

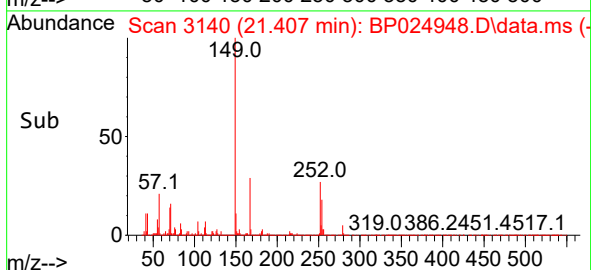
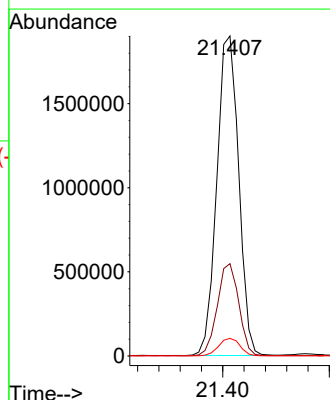
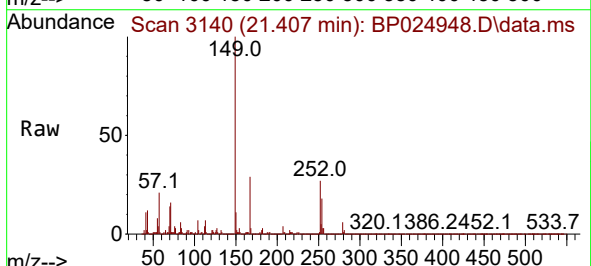
Tgt Ion:149 Resp: 2703358

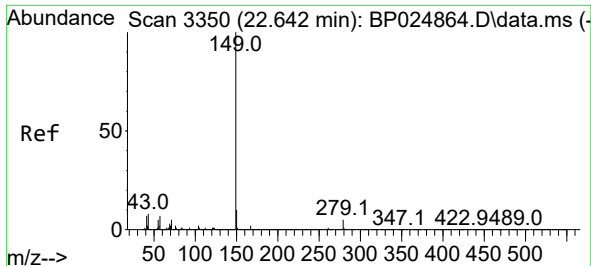
Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

279 5.5 4.0 6.0

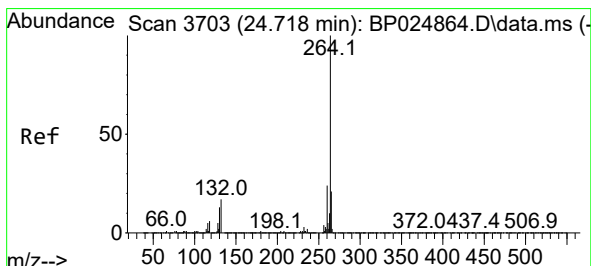
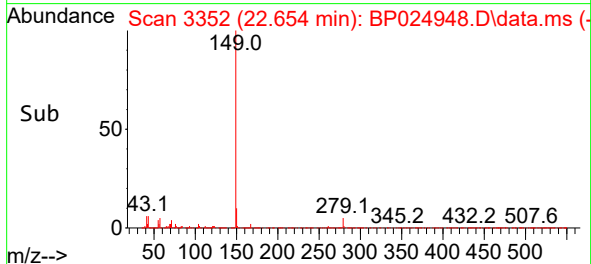
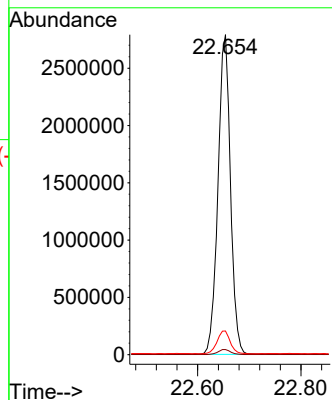
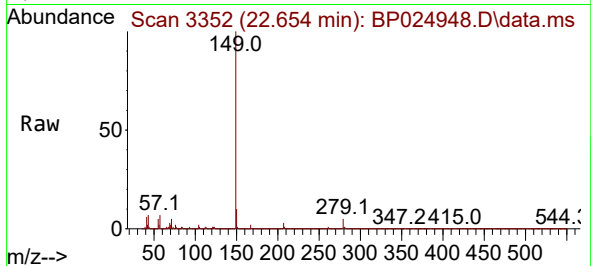




#85
Di-n-octyl phthalate
Concen: 50.159 ng
RT: 22.654 min Scan# 311
Delta R.T. 0.012 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

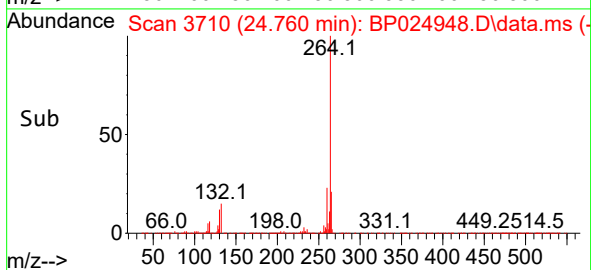
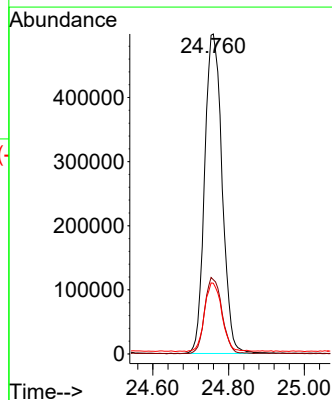
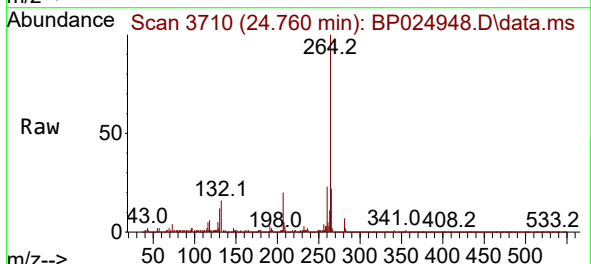
Instrument :
BNA_P
ClientSampleId :
TP-7MSD

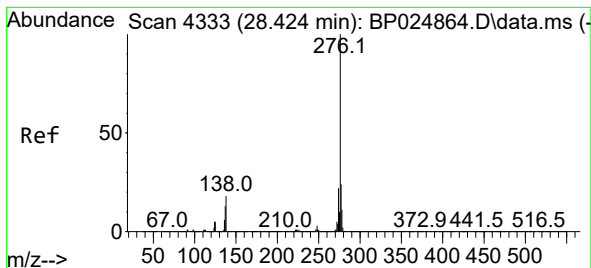
Tgt Ion:149 Resp: 4667277
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.760 min Scan# 3710
Delta R.T. 0.041 min
Lab File: BP024948.D
Acq: 13 Jun 2025 17:34

Tgt Ion:264 Resp: 1590527
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.700 ng

RT: 28.483 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

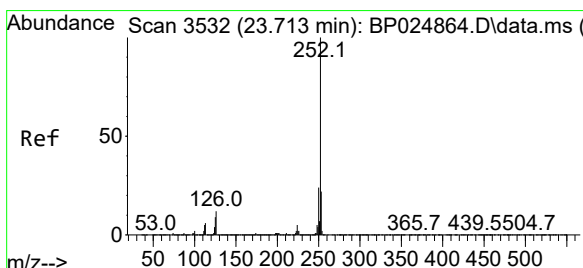
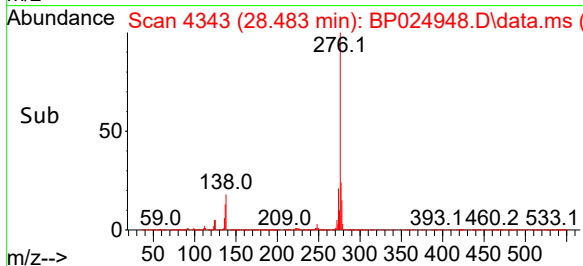
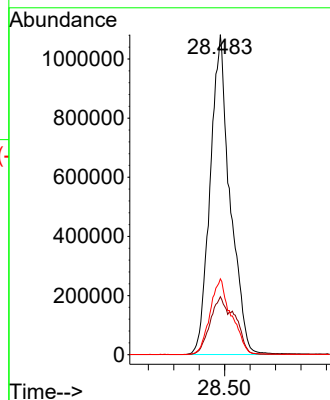
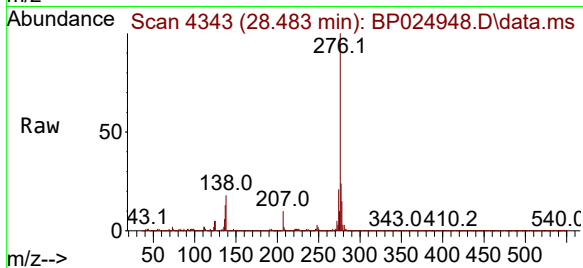
Tgt Ion:276 Resp: 5883621

Ion Ratio Lower Upper

276 100

138 14.6 18.6 27.8#

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.584 ng

RT: 23.736 min Scan# 3536

Delta R.T. 0.023 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

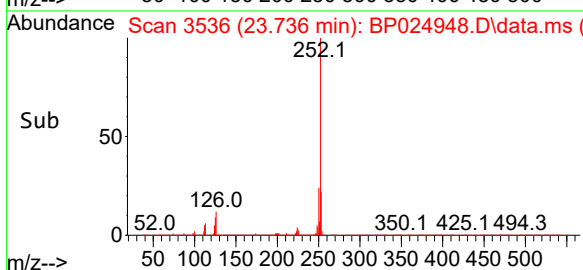
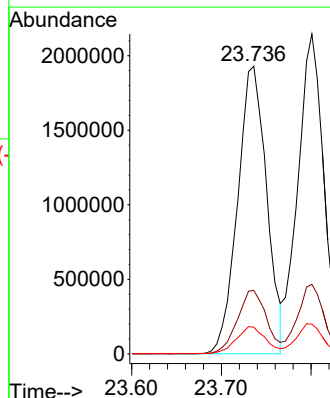
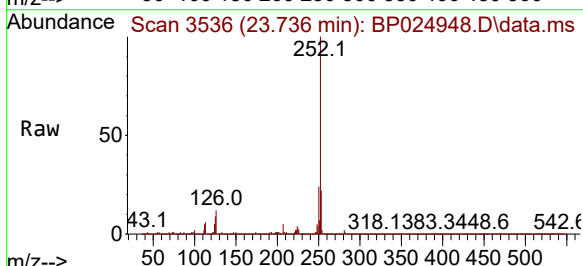
Tgt Ion:252 Resp: 4331443

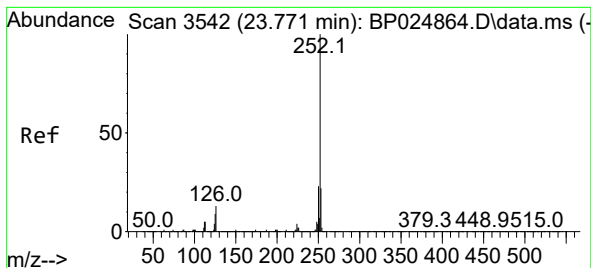
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.748 ng

RT: 23.801 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

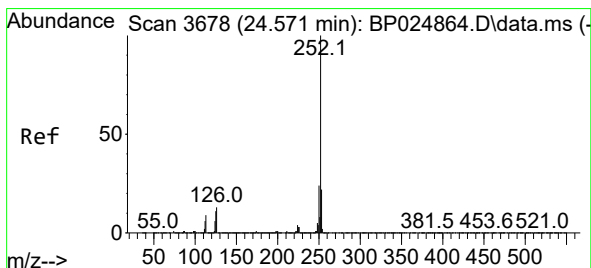
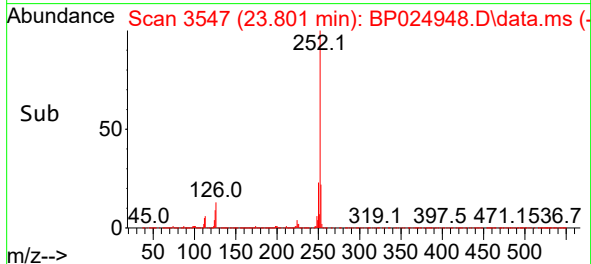
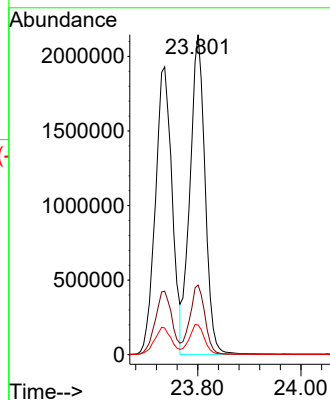
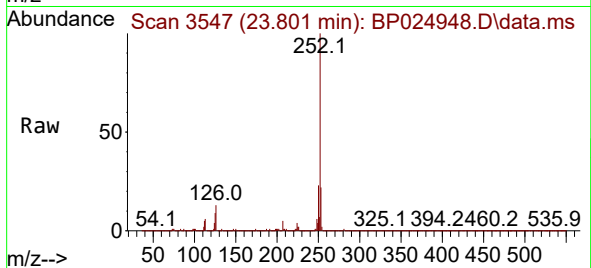
Tgt Ion:252 Resp: 4331481

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.114 ng

RT: 24.607 min Scan# 3684

Delta R.T. 0.035 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

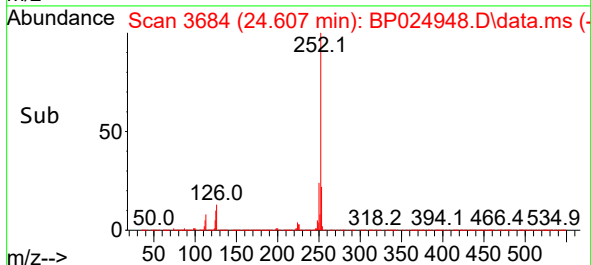
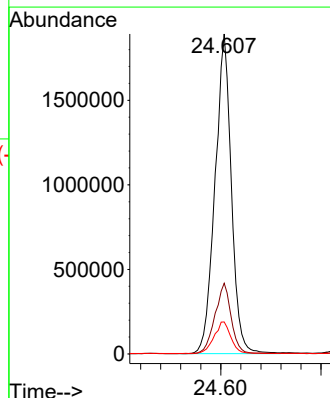
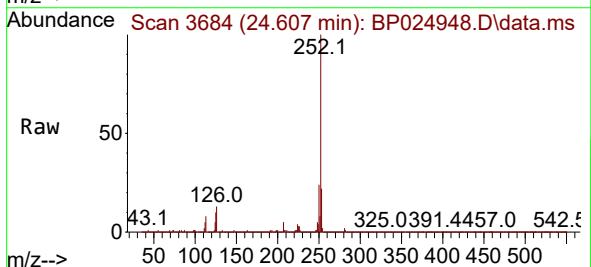
Tgt Ion:252 Resp: 4277065

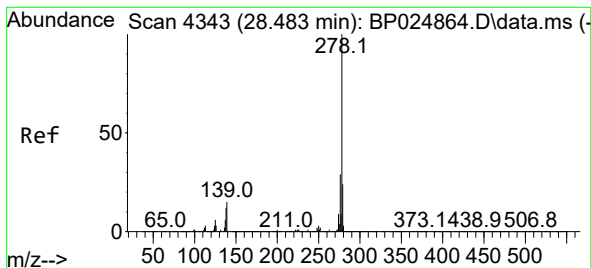
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.201 ng

RT: 28.548 min Scan# 41

Delta R.T. 0.065 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Instrument :

BNA_P

ClientSampleId :

TP-7MSD

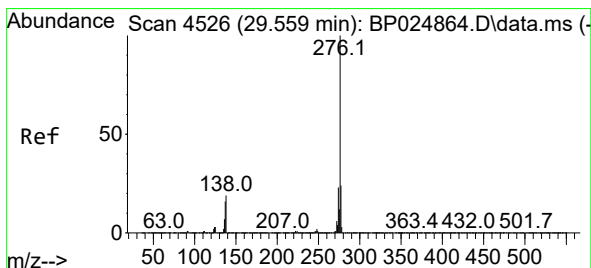
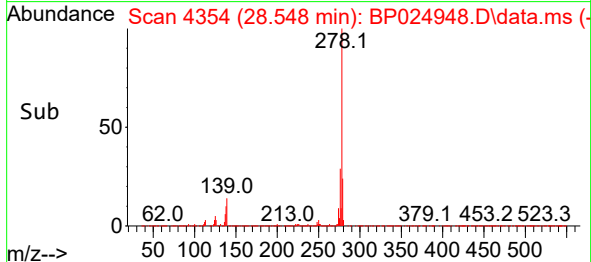
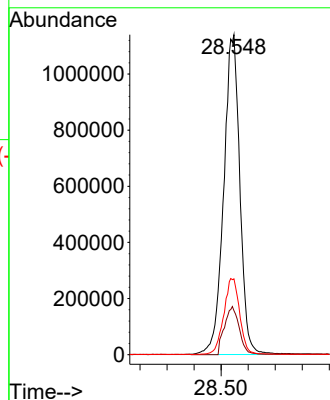
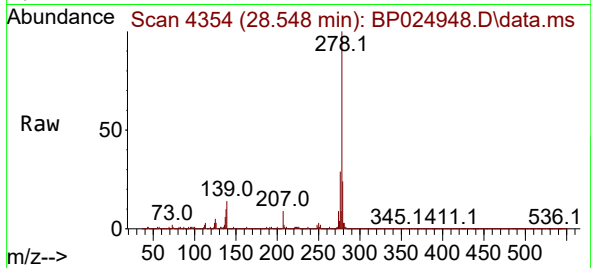
Tgt Ion:278 Resp: 4741970

Ion Ratio Lower Upper

278 100

139 13.7 12.0 18.0

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 50.417 ng

RT: 29.606 min Scan# 4534

Delta R.T. 0.047 min

Lab File: BP024948.D

Acq: 13 Jun 2025 17:34

Tgt Ion:276 Resp: 4725205

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.0 15.4 23.2

