

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024230.D
 Acq On : 09 Apr 2025 11:29
 Operator : RC/JU
 Sample : PB167474BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167474BS

Quant Time: Apr 09 12:21:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	326147	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1319310	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	796233	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1531760	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1694537	20.000	ng	0.00
86) Perylene-d12	25.039	264	1835262	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2770895	135.618	ng	0.00
7) Phenol-d6	6.952	99	3516439	128.701	ng	0.00
23) Nitrobenzene-d5	8.922	82	2004956	85.743	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1317504	131.362	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4392031	81.335	ng	0.00
79) Terphenyl-d14	19.922	244	6912295	84.203	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	314003	38.771	ng	97
3) Pyridine	3.717	79	872733	39.418	ng	99
4) n-Nitrosodimethylamine	3.623	42	320627	43.352	ng	99
6) Aniline	7.105	93	1111394	44.646	ng	97
8) 2-Chlorophenol	7.340	128	1027660	46.565	ng	98
9) Benzaldehyde	6.916	77	537297	40.750	ng	96
10) Phenol	6.981	94	1311642	47.554	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	959072	44.093	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1056044	44.373	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1062484	43.724	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1033485	44.321	ng	100
15) Benzyl Alcohol	8.011	79	807832	46.701	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1074919	48.420	ng	97
17) 2-Methylphenol	8.216	107	850413	49.168	ng	100
18) Hexachloroethane	8.840	117	389980	45.236	ng	96
19) n-Nitroso-di-n-propyla...	8.569	70	712548	44.953	ng	99
20) 3+4-Methylphenols	8.540	107	1150284	48.408	ng	99
22) Acetophenone	8.587	105	1432134	42.936	ng	# 99
24) Nitrobenzene	8.958	77	1047676	45.418	ng	97
25) Isophorone	9.487	82	1947238	48.580	ng	100
26) 2-Nitrophenol	9.669	139	509523	46.242	ng	99
27) 2,4-Dimethylphenol	9.734	122	938795	66.259	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	1269810	45.031	ng	100
29) 2,4-Dichlorophenol	10.205	162	897821	46.843	ng	98
30) 1,2,4-Trichlorobenzene	10.410	180	914068	43.165	ng	99
31) Naphthalene	10.605	128	2957456	42.289	ng	100
32) Benzoic acid	9.875	122	650147	47.051	ng	99
33) 4-Chloroaniline	10.710	127	542818	21.689	ng	99
34) Hexachlorobutadiene	10.887	225	524671	43.051	ng	99
35) Caprolactam	11.499	113	301953	48.069	ng	98
36) 4-Chloro-3-methylphenol	11.846	107	982284	47.507	ng	99
37) 2-Methylnaphthalene	12.210	142	1854855	39.259	ng	100
38) 1-Methylnaphthalene	12.428	142	1952927	42.498	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	972662	42.259	ng	# 98
41) Hexachlorocyclopentadiene	12.563	237	1376260	165.880	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	673933	46.073	ng	98

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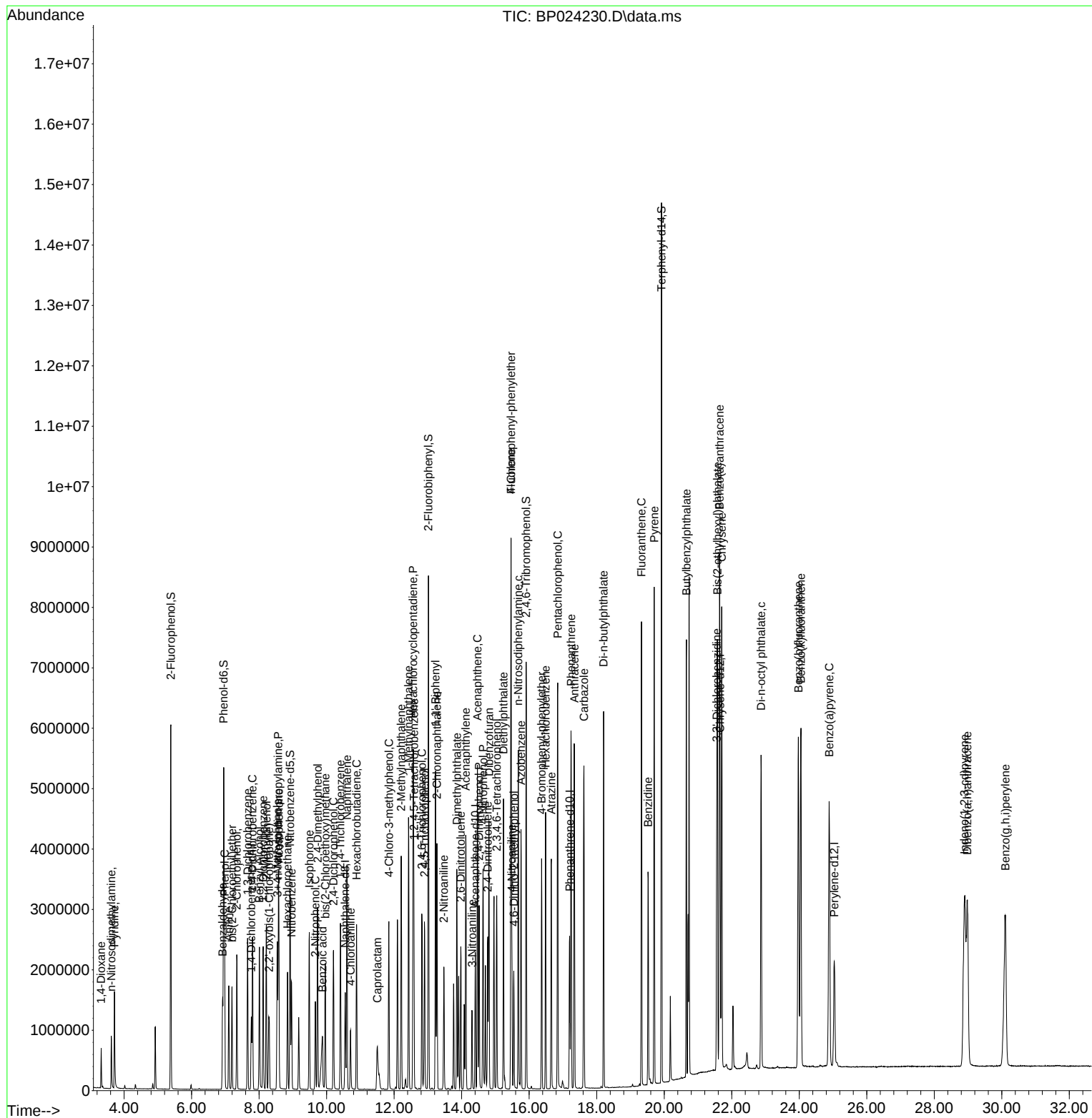
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	747328	46.587	ng	99
46) 1,1'-Biphenyl	13.228	154	2577317	43.075	ng	99
47) 2-Chloronaphthalene	13.269	162	1954230	43.423	ng	99
48) 2-Nitroaniline	13.475	65	582276	50.585	ng	95
49) Acenaphthylene	14.122	152	3266916	47.974	ng	100
50) Dimethylphthalate	13.857	163	2448143	43.941	ng	100
51) 2,6-Dinitrotoluene	13.975	165	541729	46.213	ng	98
52) Acenaphthene	14.469	154	1899583	43.659	ng	100
53) 3-Nitroaniline	14.310	138	353412	27.913	ng	97
54) 2,4-Dinitrophenol	14.516	184	701555	113.105	ng	96
55) Dibenzofuran	14.810	168	2958337	41.976	ng	98
56) 4-Nitrophenol	14.634	139	1135114	107.296	ng	97
57) 2,4-Dinitrotoluene	14.775	165	778193	50.257	ng	98
58) Fluorene	15.463	166	2410881	43.905	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	644186	45.452	ng	98
60) Diethylphthalate	15.240	149	2481463	44.726	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1150193	42.707	ng	100
62) 4-Nitroaniline	15.487	138	632055	47.598	ng	99
63) Azobenzene	15.757	77	2359069	45.113	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	434997	47.836	ng	98
66) n-Nitrosodiphenylamine	15.681	169	2101191	45.173	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	729105	43.354	ng	99
68) Hexachlorobenzene	16.487	284	871559	43.786	ng	95
69) Atrazine	16.657	200	747184	66.552	ng	99
70) Pentachlorophenol	16.845	266	1258620	97.778	ng	99
71) Phenanthrene	17.239	178	3752120	44.839	ng	100
72) Anthracene	17.339	178	3804154	46.676	ng	99
73) Carbazole	17.622	167	3730069	47.458	ng	100
74) Di-n-butylphthalate	18.204	149	4461436	47.817	ng	100
75) Fluoranthene	19.328	202	4404664	45.449	ng	99
77) Benzidine	19.522	184	2183083	117.832	ng	100
78) Pyrene	19.704	202	4625199	43.904	ng	100
80) Butylbenzylphthalate	20.657	149	2116903	48.727	ng	99
81) Benzo(a)anthracene	21.639	228	4883043	46.349	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1105454	31.307	ng	99
83) Chrysene	21.704	228	4500018	44.432	ng	100
84) Bis(2-ethylhexyl)phtha...	21.575	149	3147305	48.012	ng	99
85) Di-n-octyl phthalate	22.869	149	5144569	48.983	ng	100
87) Indeno(1,2,3-cd)pyrene	28.892	276	5101751	39.830	ng	# 94
88) Benzo(b)fluoranthene	23.974	252	5032952	45.483	ng	98
89) Benzo(k)fluoranthene	24.051	252	4987266	46.075	ng	99
90) Benzo(a)pyrene	24.886	252	4802426	49.910	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	4914699	46.121	ng	98
92) Benzo(g,h,i)perylene	30.109	276	4755305	43.898	ng	98

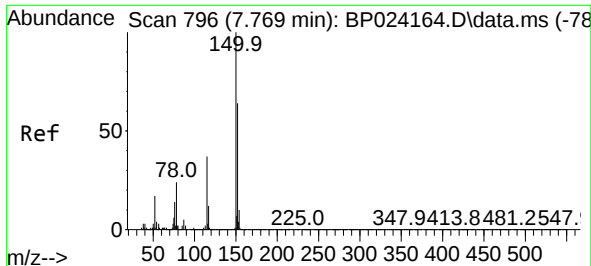
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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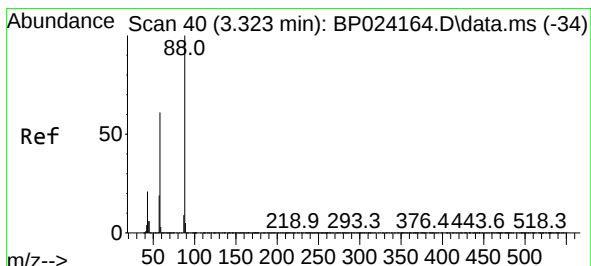
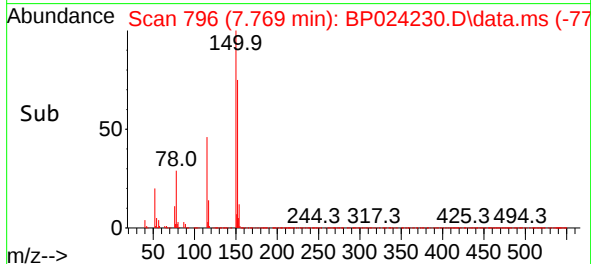
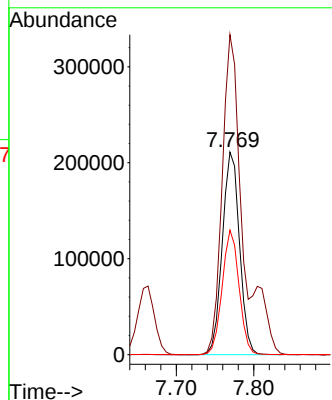
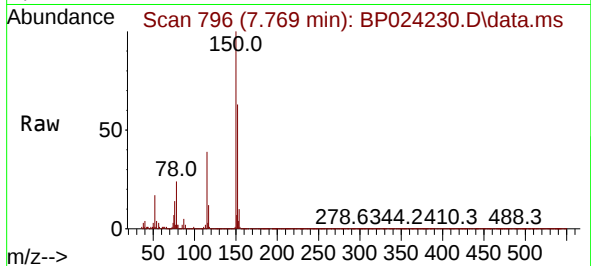




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BP024230.D
 Acq: 09 Apr 2025 11:29

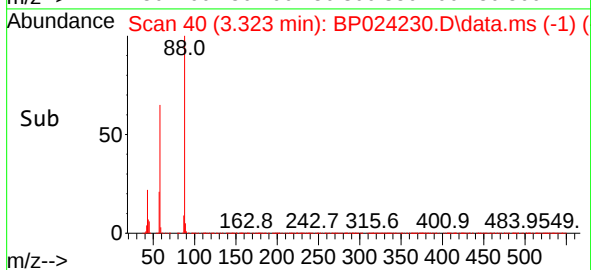
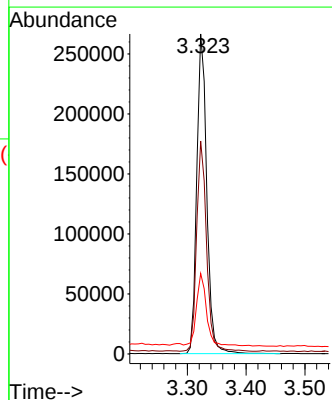
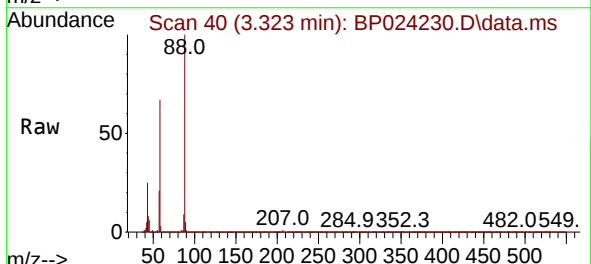
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 BNA_P
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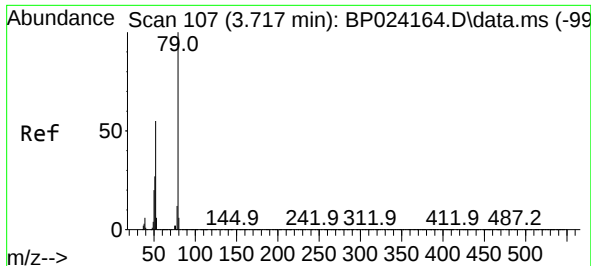
Tgt Ion:152 Resp: 326147
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.5 188.3
 115 61.5 46.3 69.5



#2
 1,4-Dioxane
 Concen: 38.771 ng
 RT: 3.323 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: BP024230.D
 Acq: 09 Apr 2025 11:29

Tgt Ion: 88 Resp: 314003
 Ion Ratio Lower Upper
 88 100
 58 65.2 49.8 74.6
 43 22.4 17.3 25.9

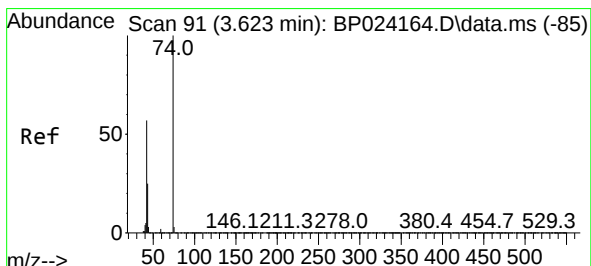
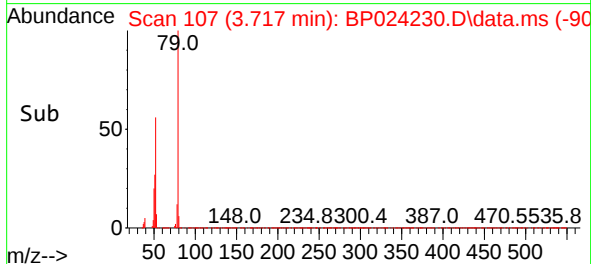
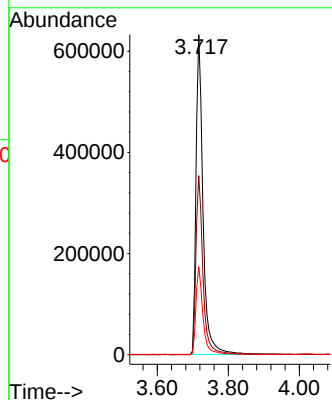
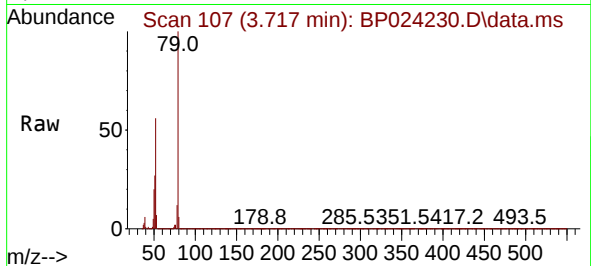




#3
Pyridine
Concen: 39.418 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

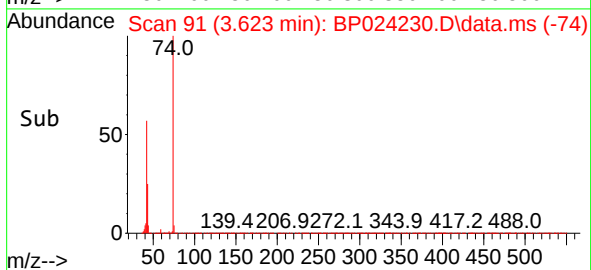
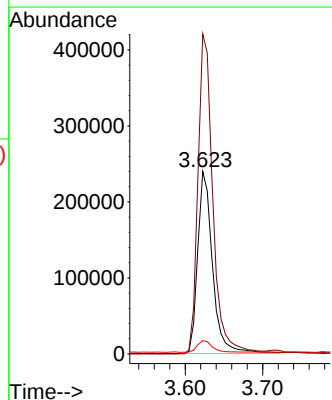
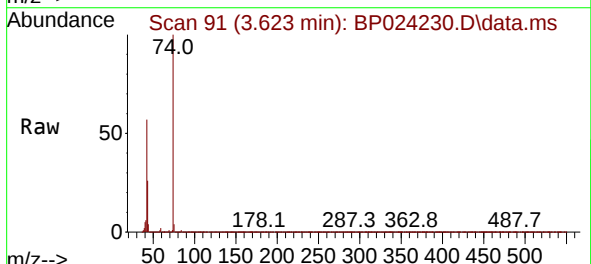
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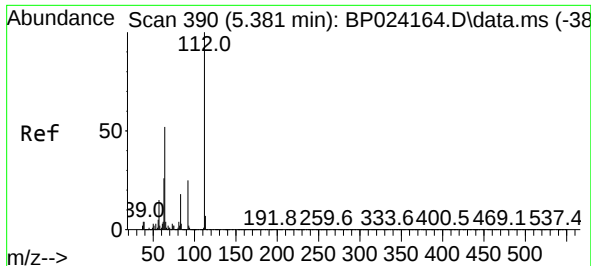
Tgt Ion: 79 Resp: 872733
Ion Ratio Lower Upper
79 100
52 55.9 43.8 65.8
51 27.5 21.6 32.4



#4
n-Nitrosodimethylamine
Concen: 43.352 ng
RT: 3.623 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 42 Resp: 320627
Ion Ratio Lower Upper
42 100
74 175.3 139.8 209.6
44 7.3 5.3 7.9

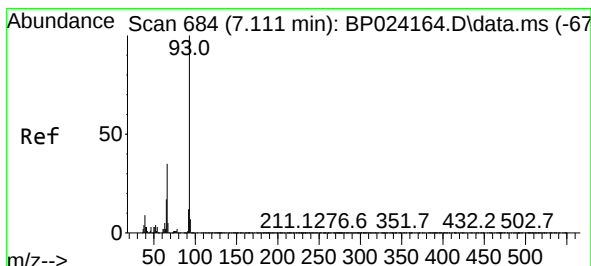
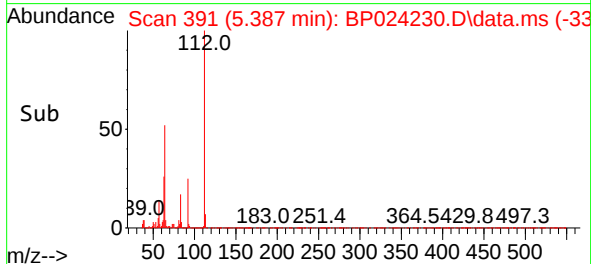
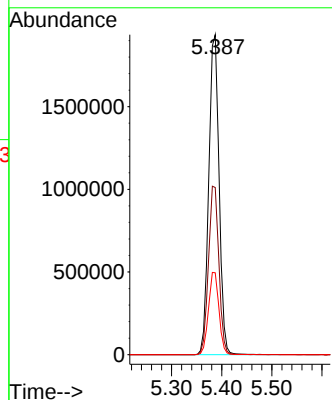
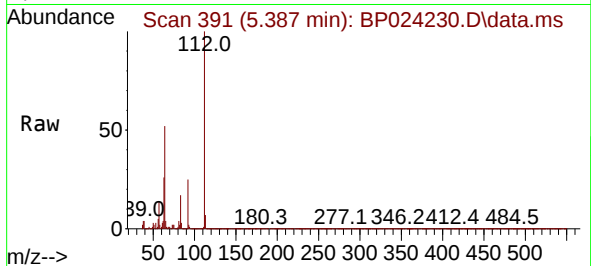




#5
2-Fluorophenol
Concen: 135.618 ng
RT: 5.387 min Scan# 390
Delta R.T. 0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

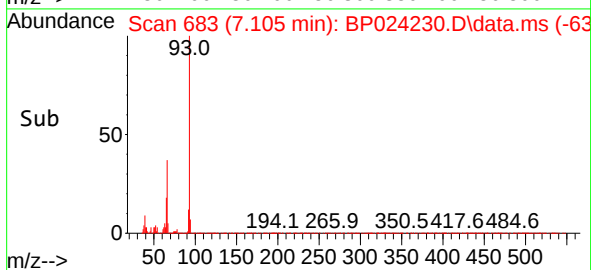
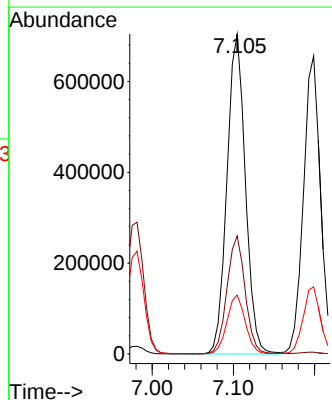
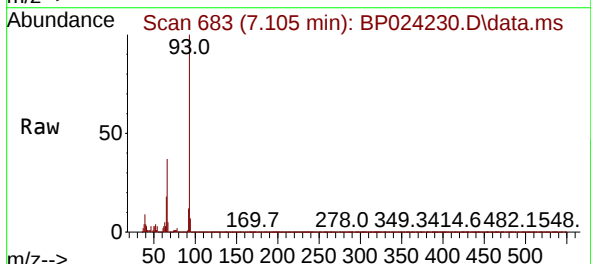
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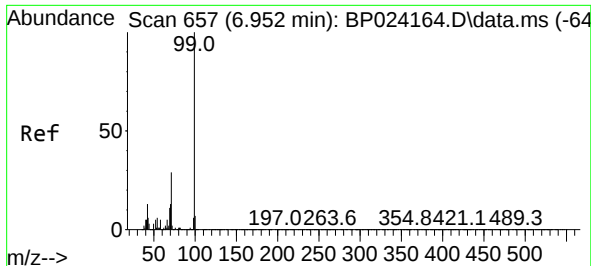
Tgt Ion:112 Resp: 2770895
Ion Ratio Lower Upper
112 100
64 52.2 41.3 61.9
63 25.6 20.6 31.0



#6
Aniline
Concen: 44.646 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 93 Resp: 1111394
Ion Ratio Lower Upper
93 100
66 36.9 28.2 42.2
65 18.4 14.0 21.0



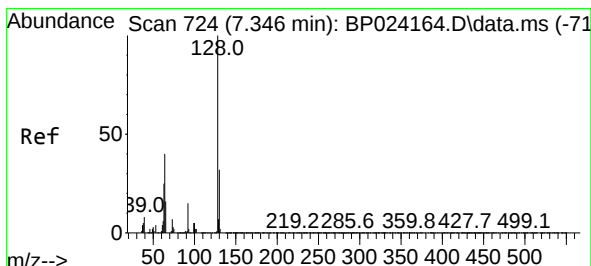
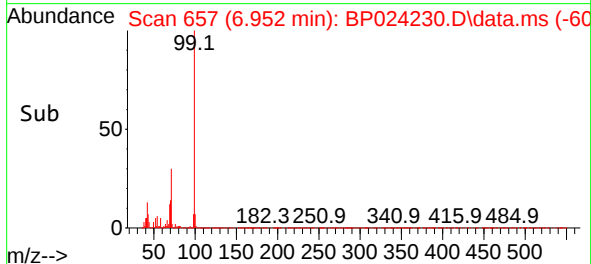
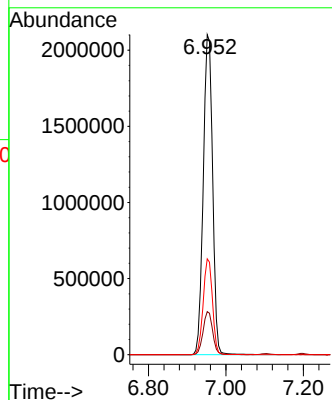
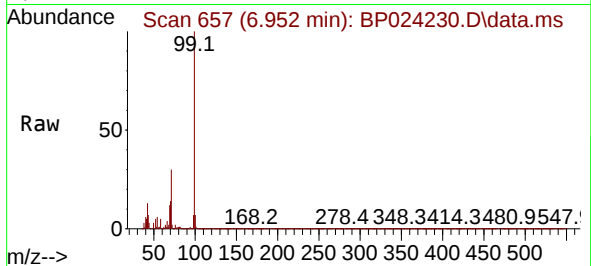


#7
Phenol-d6
Concen: 128.701 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
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Instrument :
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Tgt Ion: 99 Resp: 3516439

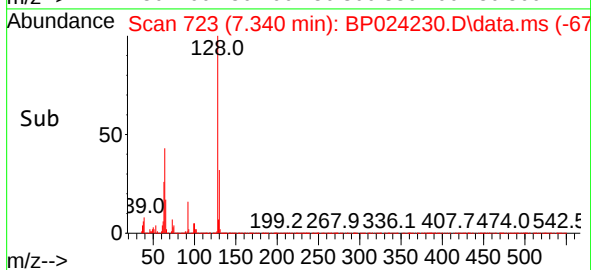
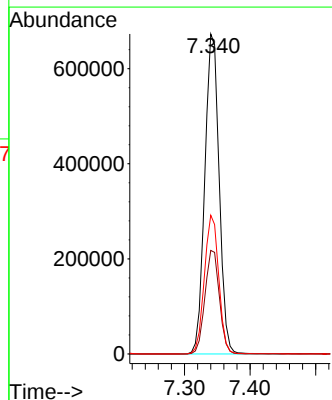
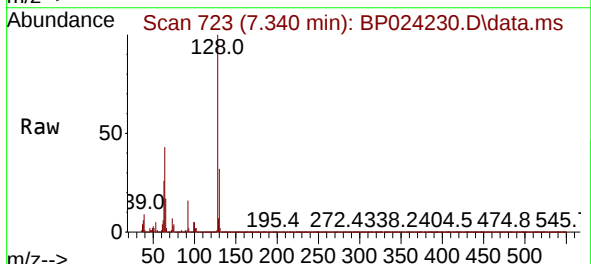
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	30.0	23.3	34.9

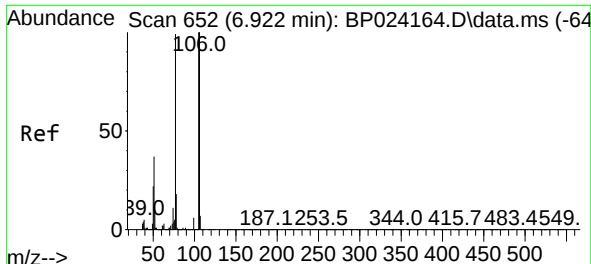


#8
2-Chlorophenol
Concen: 46.565 ng
RT: 7.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BP024230.D
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Tgt Ion: 128 Resp: 1027660

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	43.3	21.6	61.6

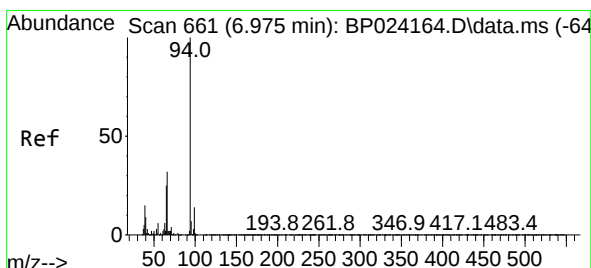
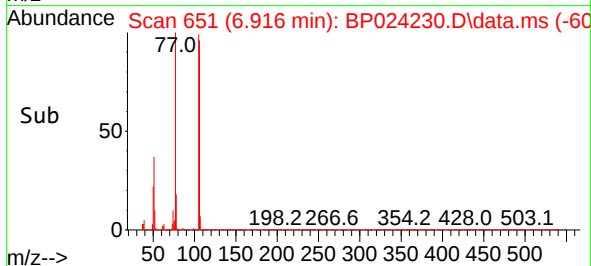
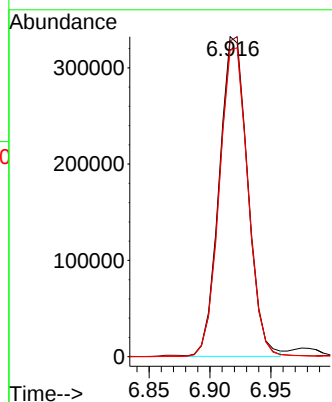
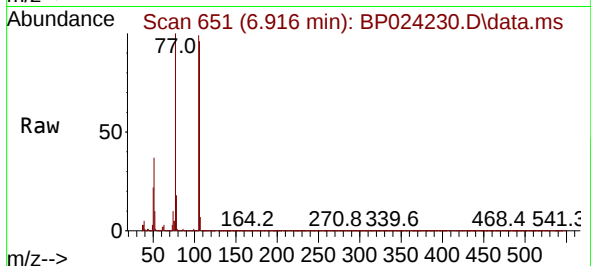




#9
Benzaldehyde
Concen: 40.750 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.006 min
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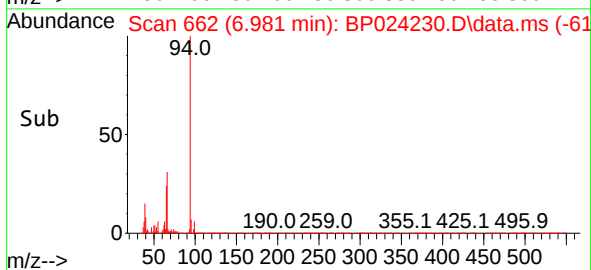
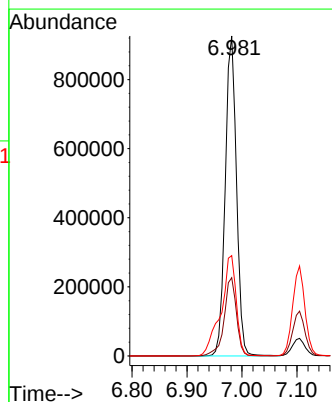
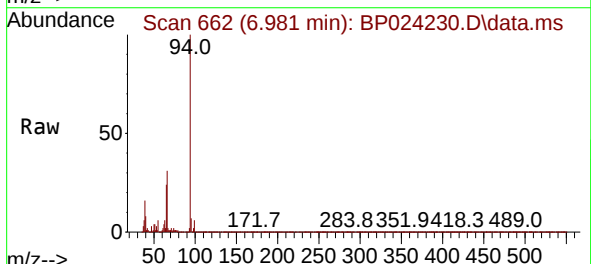
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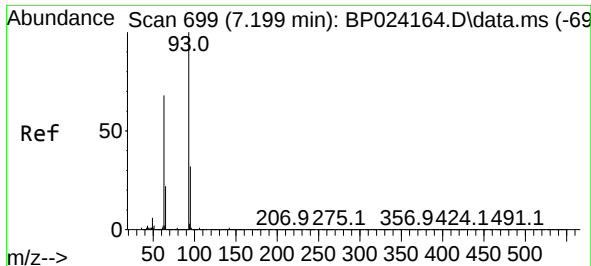
Tgt Ion: 77 Resp: 537297
Ion Ratio Lower Upper
77 100
105 98.7 81.4 121.4
106 95.8 81.1 121.1



#10
Phenol
Concen: 47.554 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 94 Resp: 1311642
Ion Ratio Lower Upper
94 100
65 24.5 4.9 44.9
66 31.3 11.9 51.9



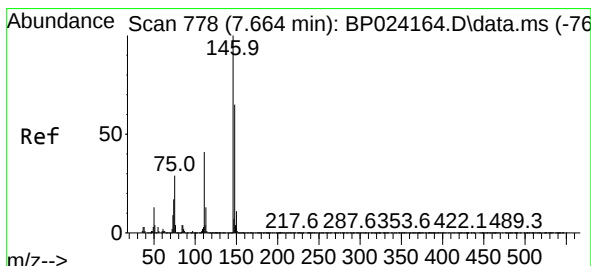
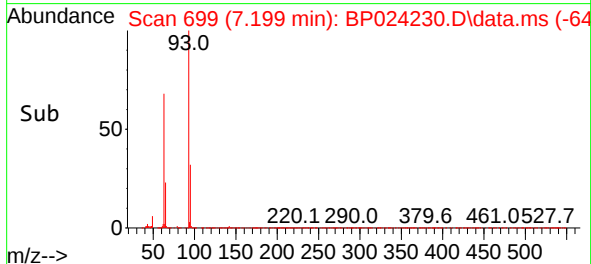
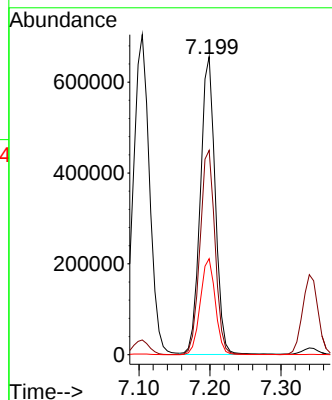
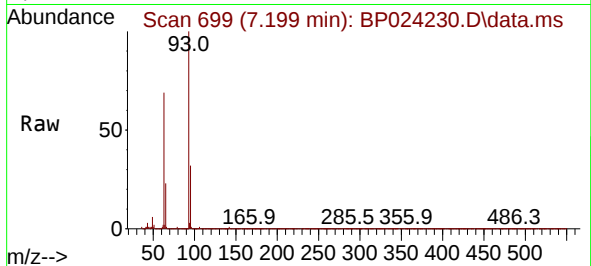


#11
bis(2-Chloroethyl)ether
Concen: 44.093 ng
RT: 7.199 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion: 93 Resp: 959072

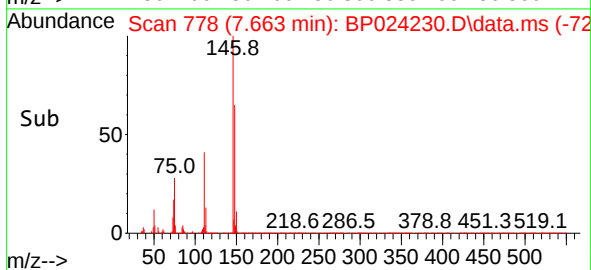
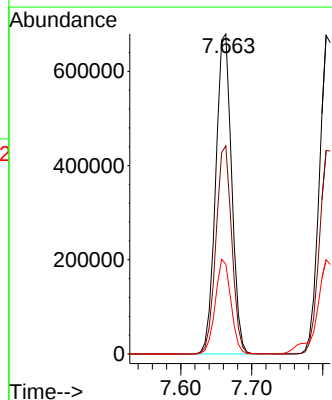
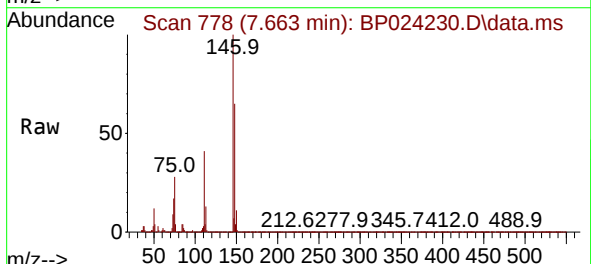
Ion	Ratio	Lower	Upper
93	100		
63	68.6	47.4	87.4
95	32.2	12.1	52.1

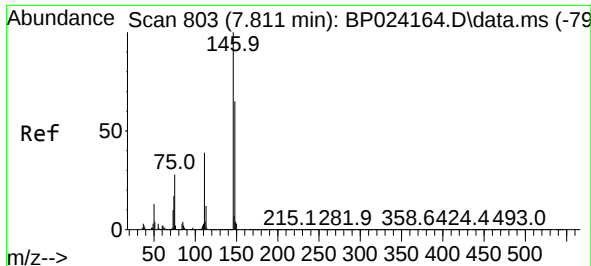


#12
1,3-Dichlorobenzene
Concen: 44.373 ng
RT: 7.663 min Scan# 778
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 146 Resp: 1056044

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	28.0	22.8	34.2

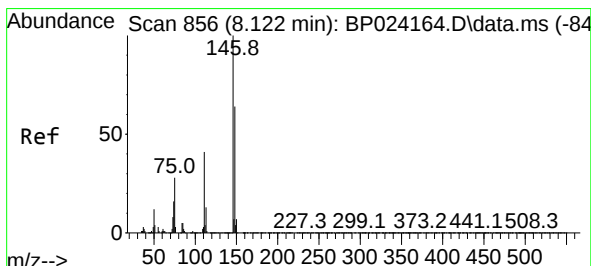
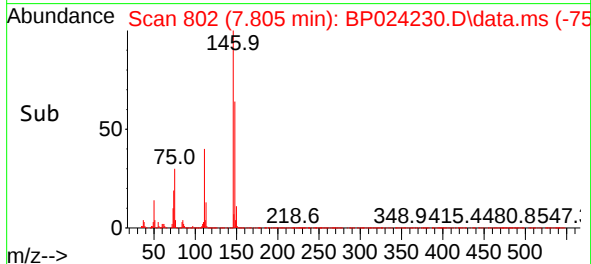
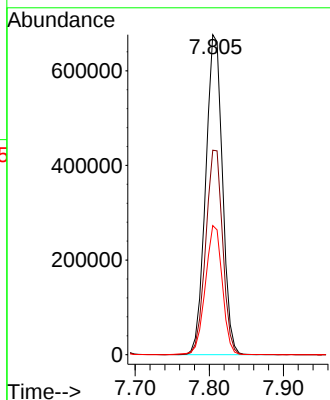
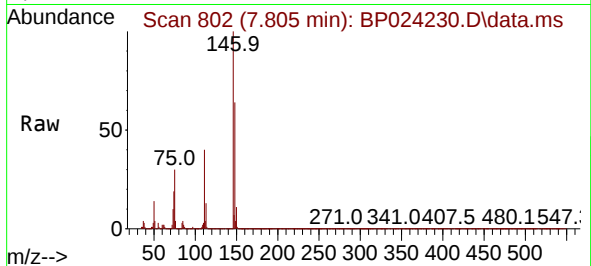




#13
1,4-Dichlorobenzene
Concen: 43.724 ng
RT: 7.805 min Scan# 803
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

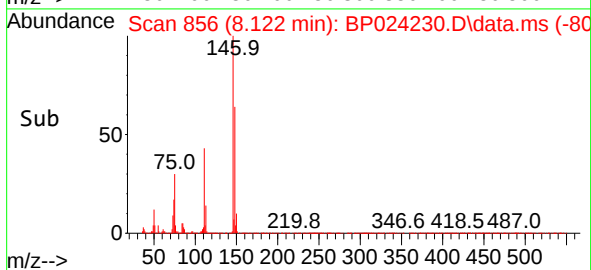
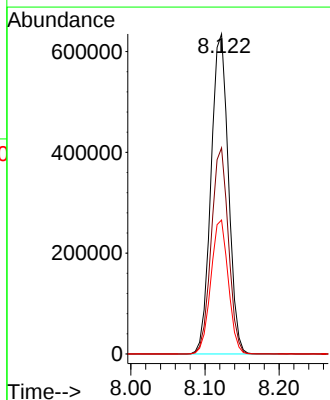
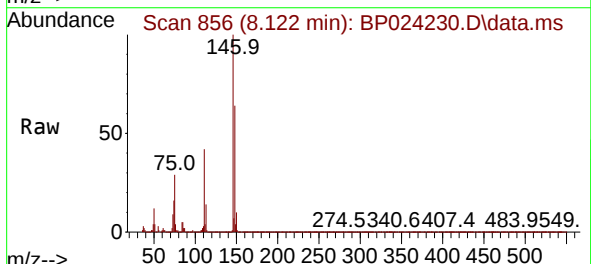
Instrument :
BNA_P
ClientSampleId :
PB167474BS

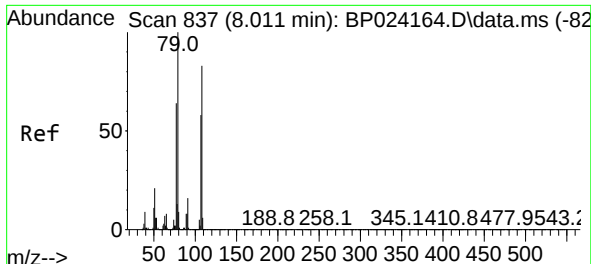
Tgt Ion:146 Resp: 1062484
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 40.3 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 44.321 ng
RT: 8.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:146 Resp: 1033485
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 41.9 33.2 49.8

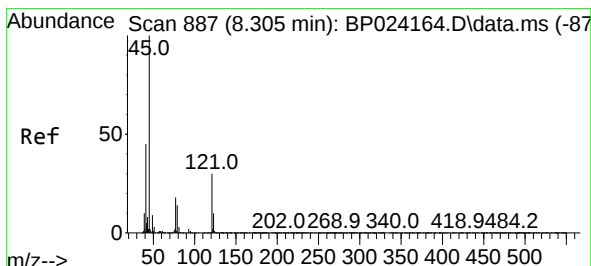
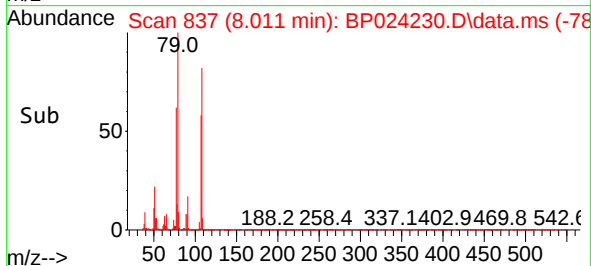
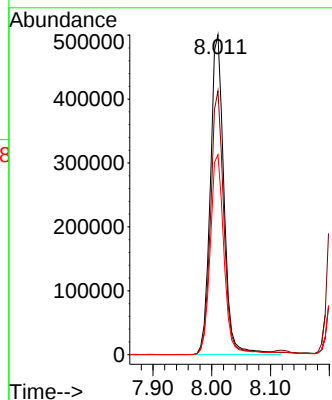
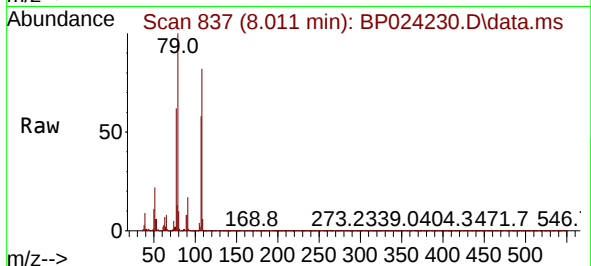




#15
Benzyl Alcohol
Concen: 46.701 ng
RT: 8.011 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

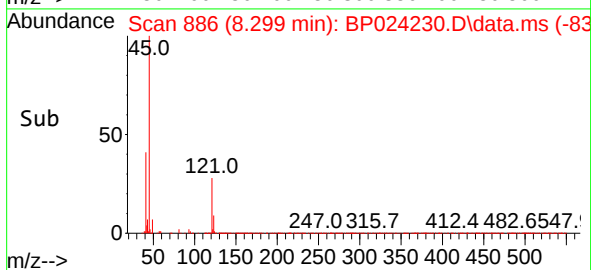
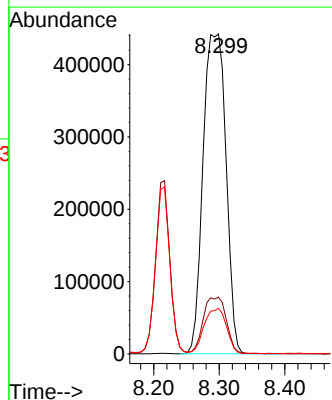
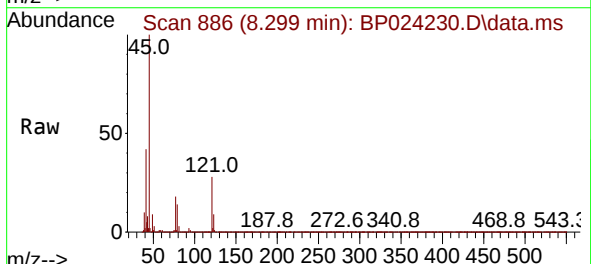
Instrument :
BNA_P
ClientSampleId :
PB167474BS

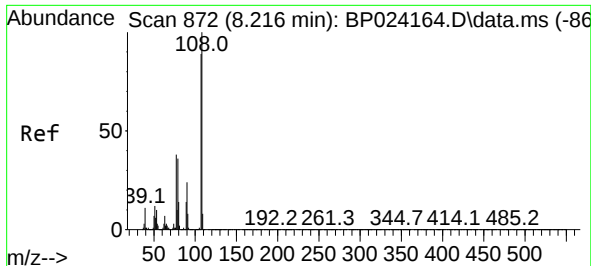
Tgt Ion: 79 Resp: 807832
Ion Ratio Lower Upper
79 100
108 82.4 66.5 99.7
77 62.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.420 ng
RT: 8.299 min Scan# 886
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 45 Resp: 1074919
Ion Ratio Lower Upper
45 100
77 17.8 0.0 39.0
79 14.3 0.0 35.6

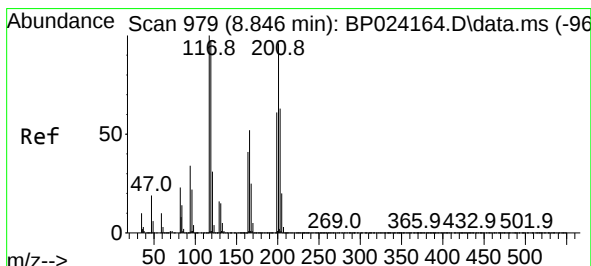
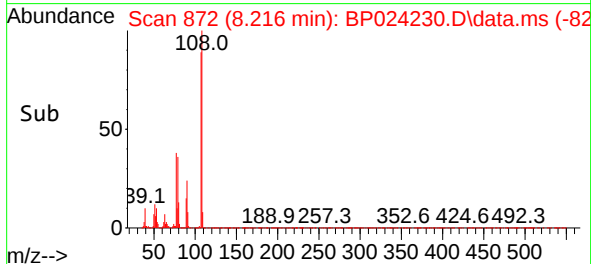
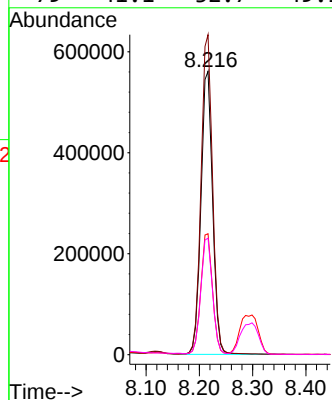
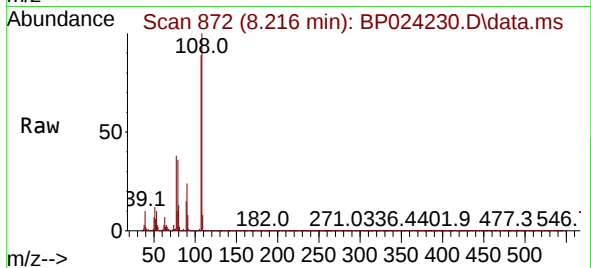




#17
2-Methylphenol
Concen: 49.168 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

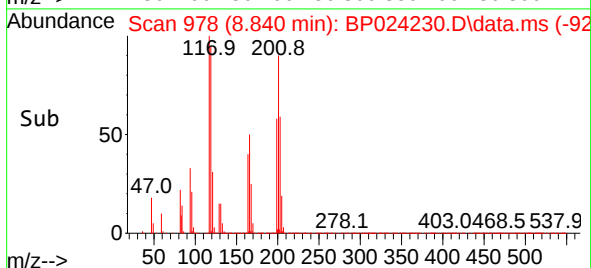
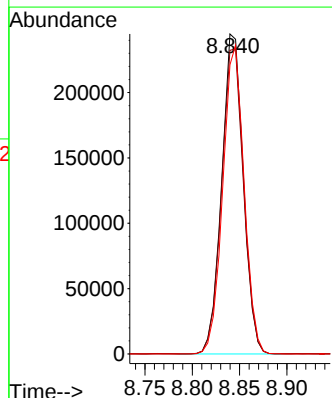
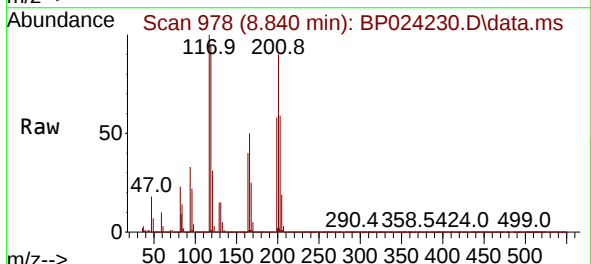
Instrument :
BNA_P
ClientSampleId :
PB167474BS

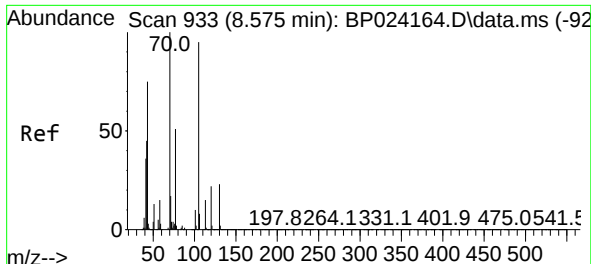
Tgt Ion:	107	Resp:	850413
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.0	135.0
77	42.7	34.0	51.0
79	41.1	32.7	49.1



#18
Hexachloroethane
Concen: 45.236 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:	117	Resp:	389980
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	90.4	76.6	114.8

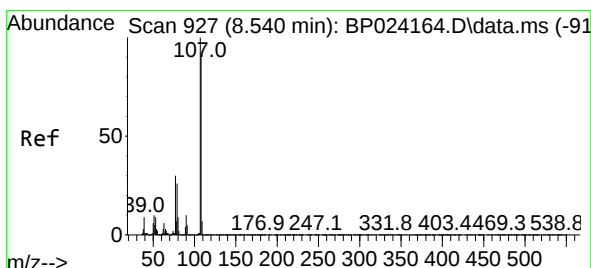
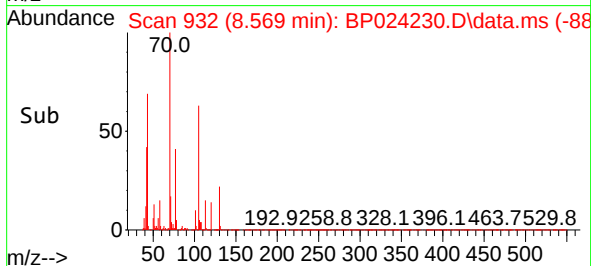
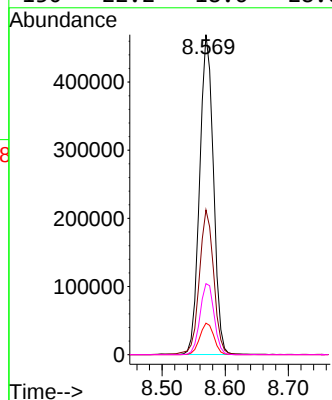
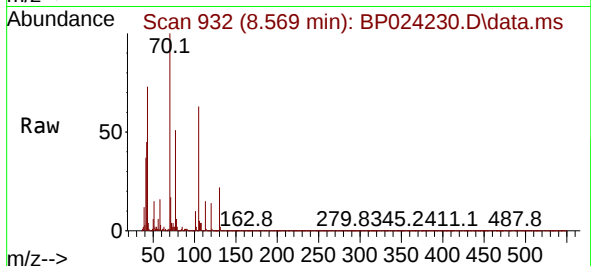




#19
n-Nitroso-di-n-propylamine
Concen: 44.953 ng
RT: 8.569 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

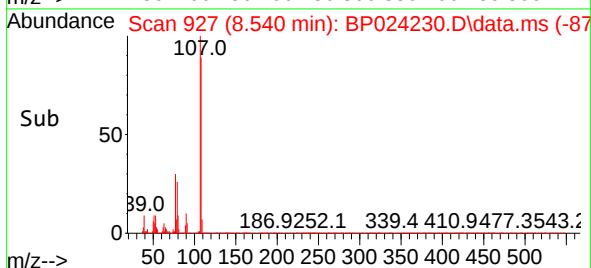
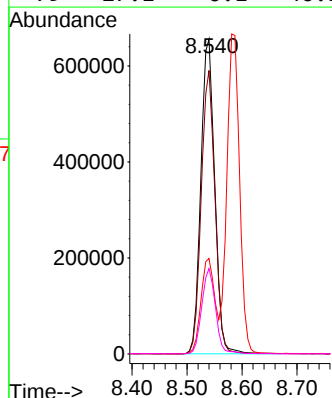
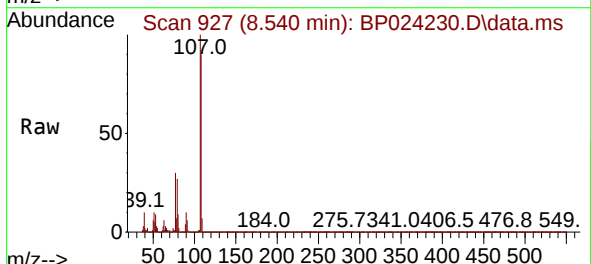
Instrument :
BNA_P
ClientSampleId :
PB167474BS

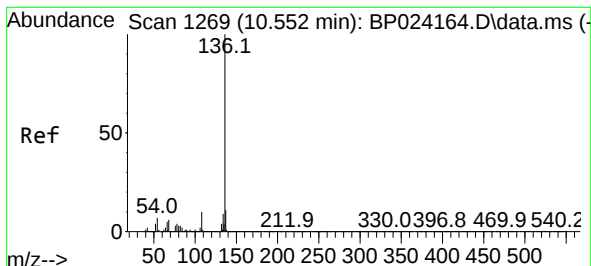
Tgt Ion: 70 Resp: 712548
Ion Ratio Lower Upper
70 100
42 45.3 36.0 54.0
101 9.9 8.3 12.5
130 22.2 18.6 28.0



#20
3+4-Methylphenols
Concen: 48.408 ng
RT: 8.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 107 Resp: 1150284
Ion Ratio Lower Upper
107 100
108 90.0 69.7 109.7
77 30.3 10.3 50.3
79 27.1 6.1 46.1

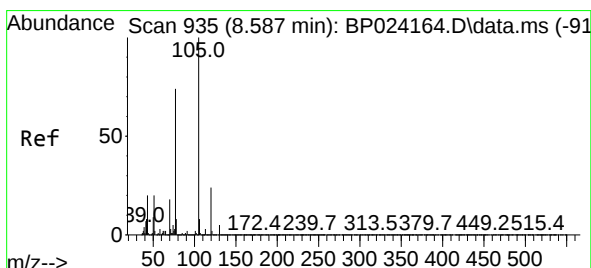
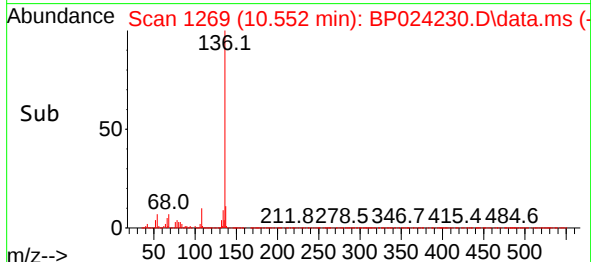
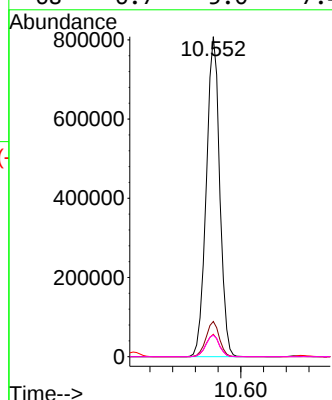
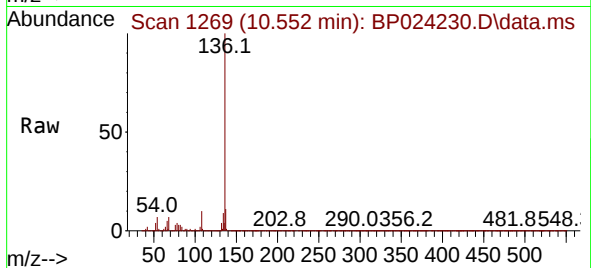




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

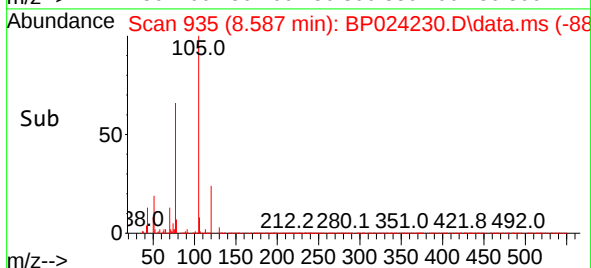
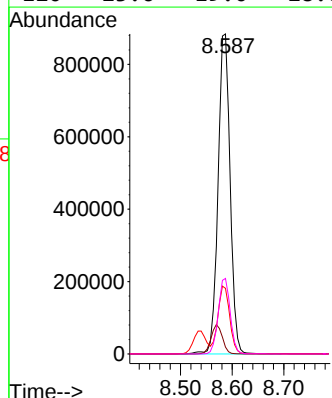
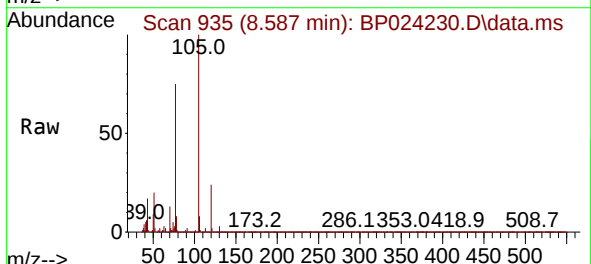
Instrument :
BNA_P
ClientSampleId :
PB167474BS

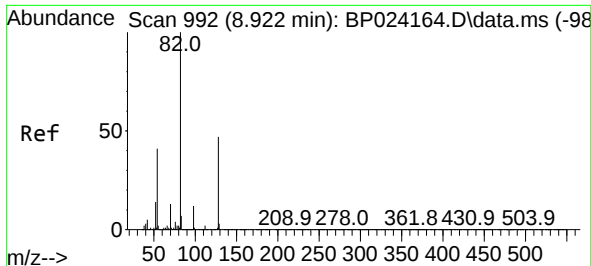
Tgt Ion:136 Resp: 1319310
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.0 5.3 7.9
68 6.7 5.0 7.4



#22
Acetophenone
Concen: 42.936 ng
RT: 8.587 min Scan# 935
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:105 Resp: 1432134
Ion Ratio Lower Upper
105 100
71 2.1 2.4 3.6#
51 20.5 16.2 24.2
120 23.6 19.0 28.6

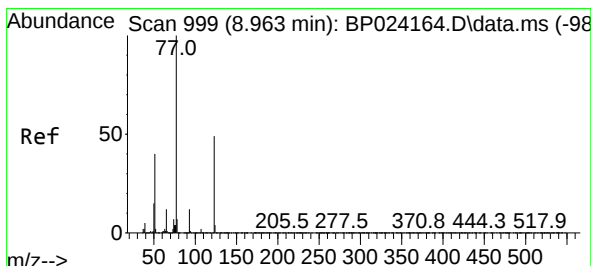
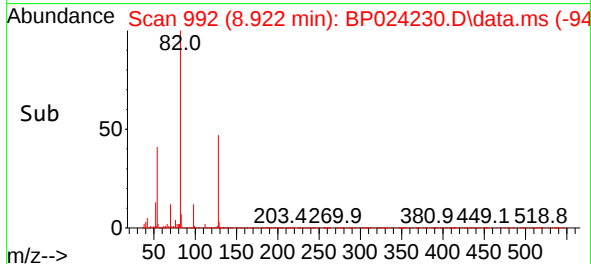
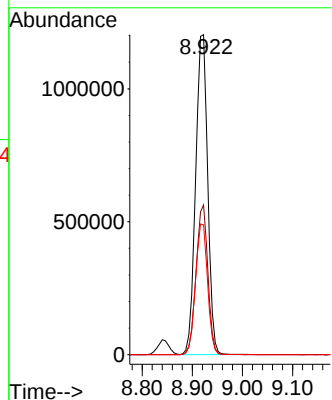
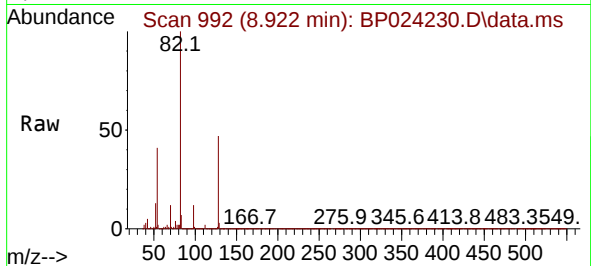




#23
Nitrobenzene-d5
Concen: 85.743 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

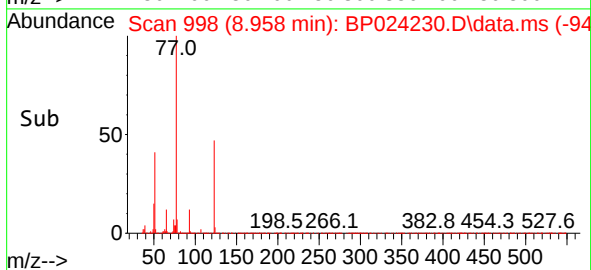
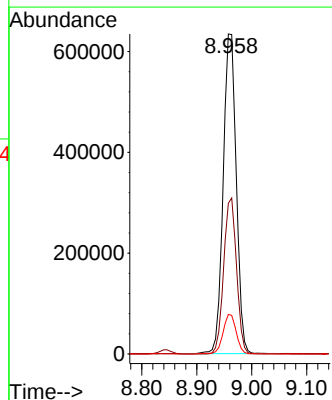
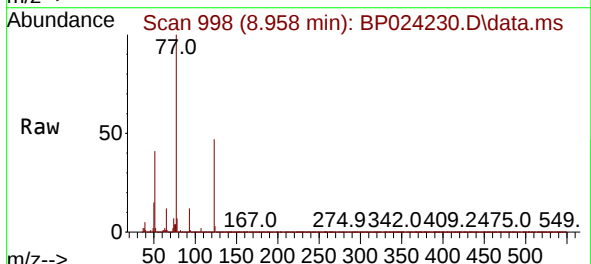
Instrument :
BNA_P
ClientSampleId :
PB167474BS

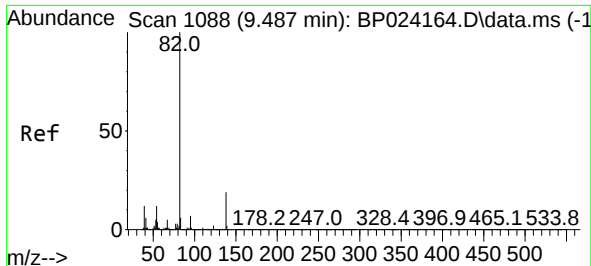
Tgt Ion: 82 Resp: 2004956
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 40.6 32.5 48.7



#24
Nitrobenzene
Concen: 45.418 ng
RT: 8.958 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 77 Resp: 1047676
Ion Ratio Lower Upper
77 100
123 47.1 39.4 59.2
65 12.4 9.9 14.9

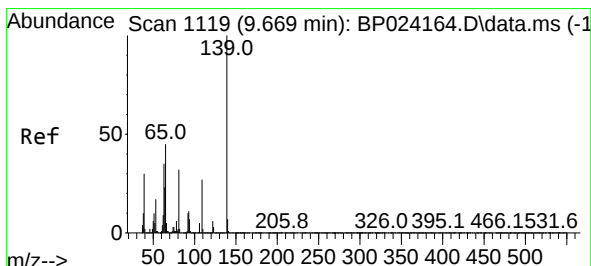
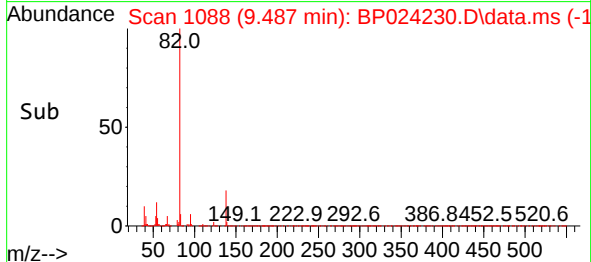
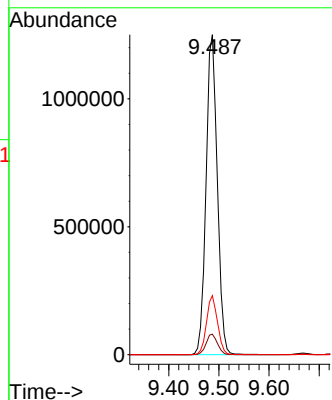
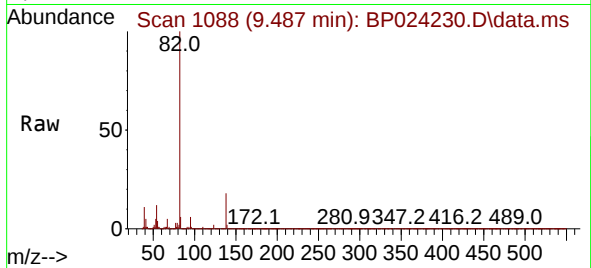




#25
Isophorone
Concen: 48.580 ng
RT: 9.487 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

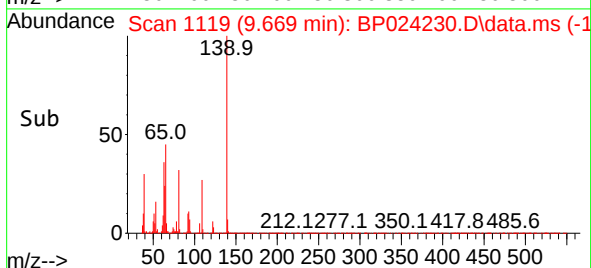
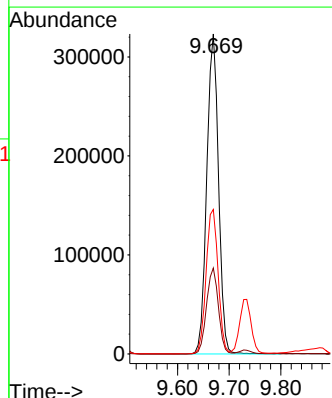
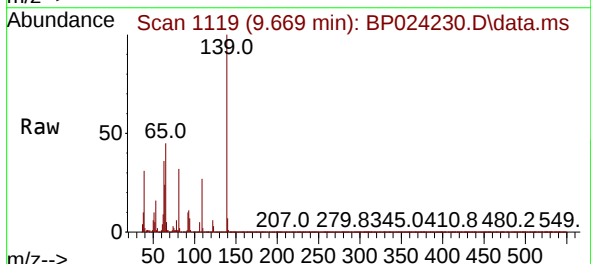
Instrument :
BNA_P
ClientSampleId :
PB167474BS

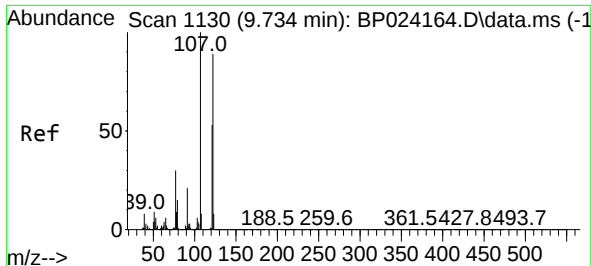
Tgt Ion: 82 Resp: 1947238
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 18.4 14.8 22.2



#26
2-Nitrophenol
Concen: 46.242 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 139 Resp: 509523
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 45.1 35.8 53.8

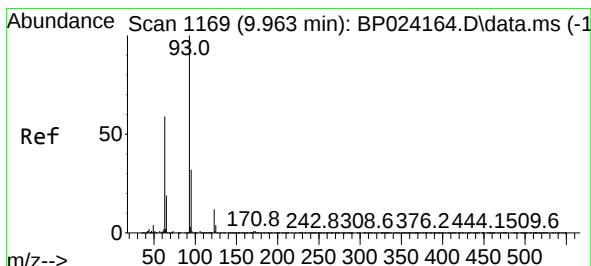
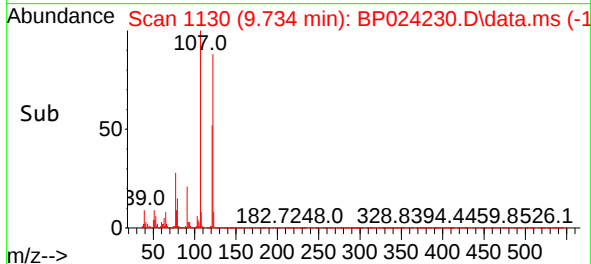
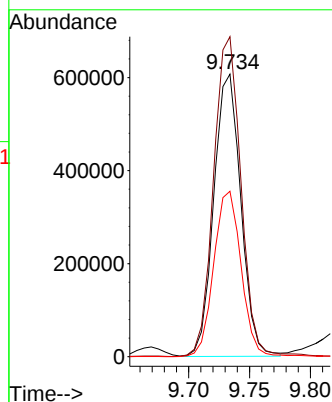
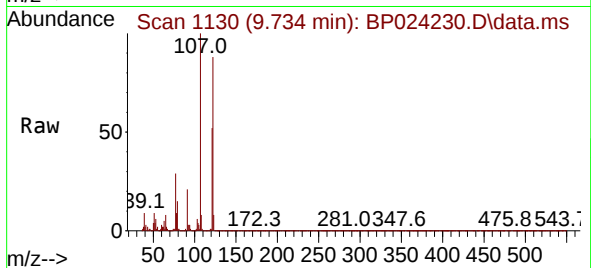




#27
2,4-Dimethylphenol
Concen: 66.259 ng
RT: 9.734 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

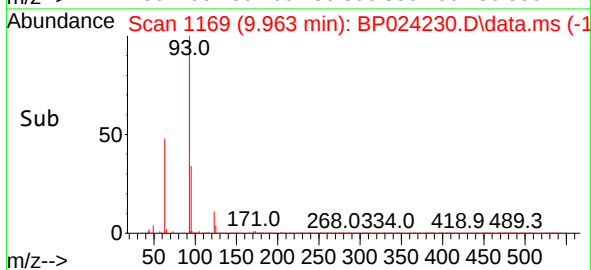
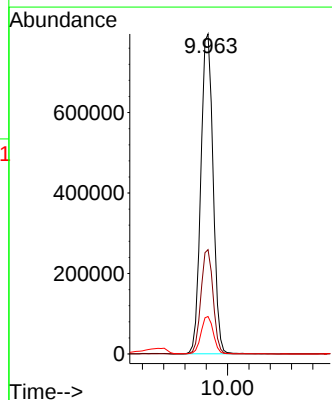
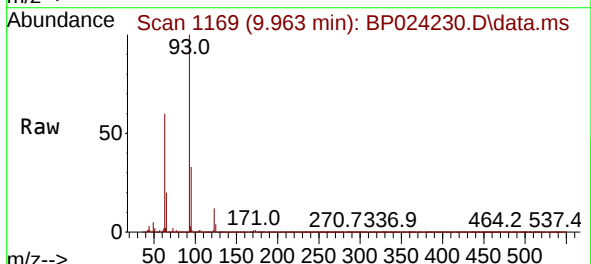
Instrument :
BNA_P
ClientSampleId :
PB167474BS

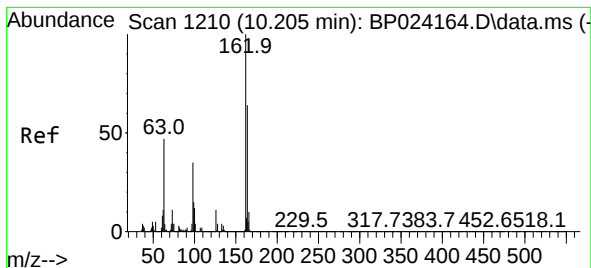
Tgt Ion:122 Resp: 938795
Ion Ratio Lower Upper
122 100
107 113.2 89.3 133.9
121 58.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 45.031 ng
RT: 9.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 93 Resp: 1269810
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.843 ng

RT: 10.205 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

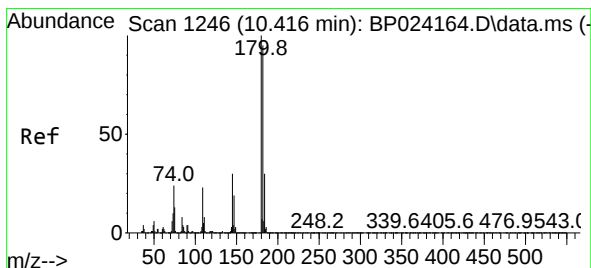
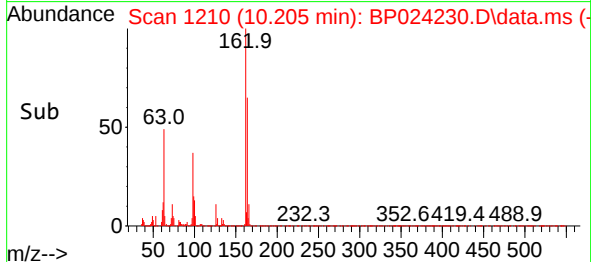
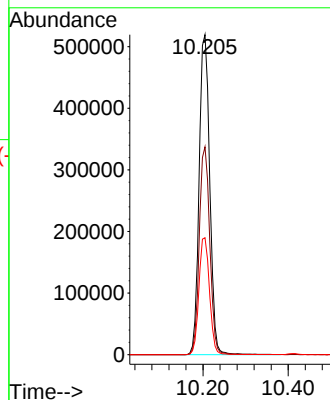
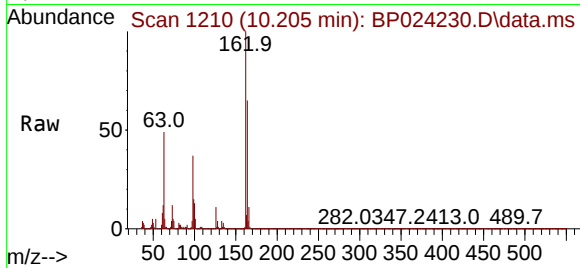
Tgt Ion:162 Resp: 897821

Ion Ratio Lower Upper

162 100

164 65.0 44.2 84.2

98 36.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 43.165 ng

RT: 10.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

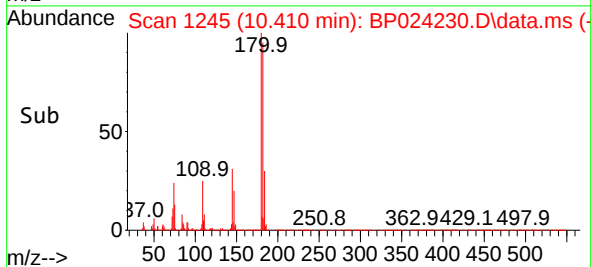
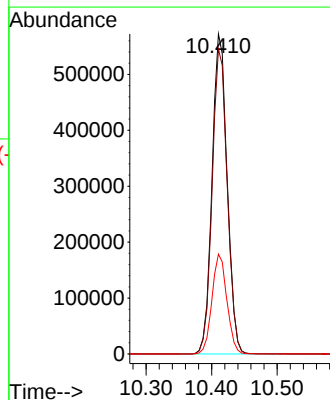
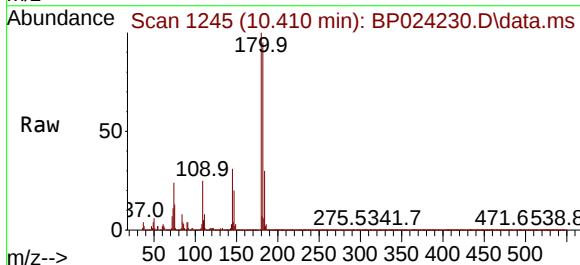
Tgt Ion:180 Resp: 914068

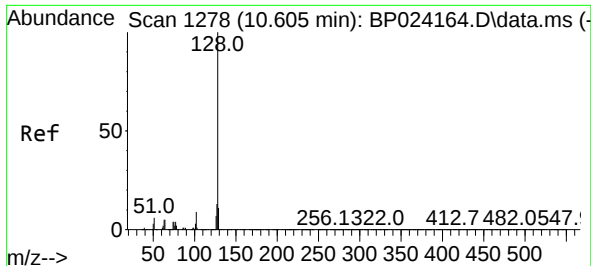
Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 31.2 24.2 36.2

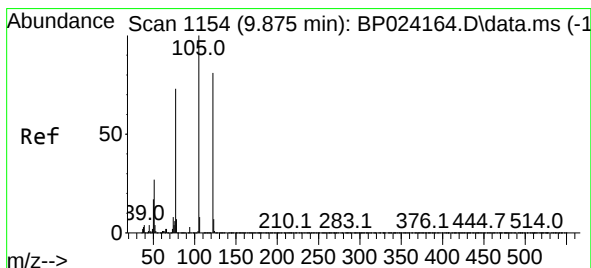
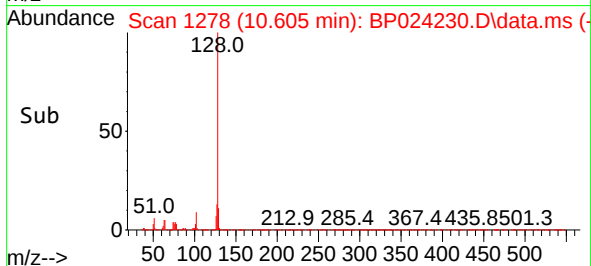
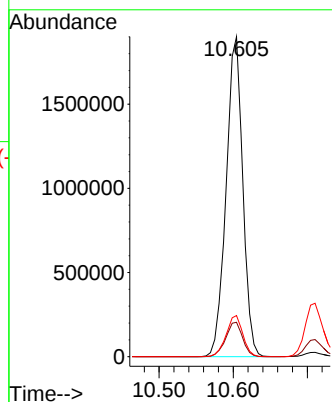
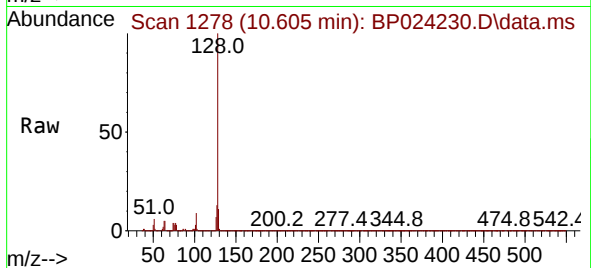




#31
Naphthalene
Concen: 42.289 ng
RT: 10.605 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

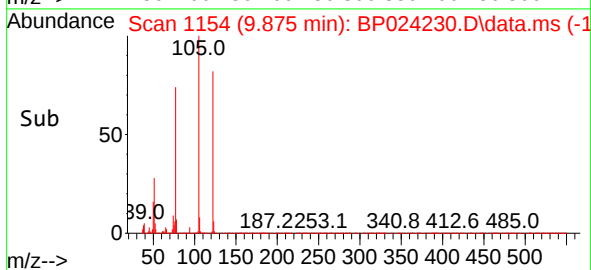
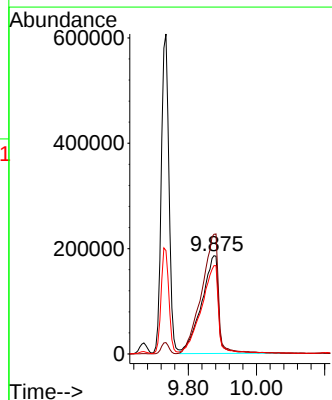
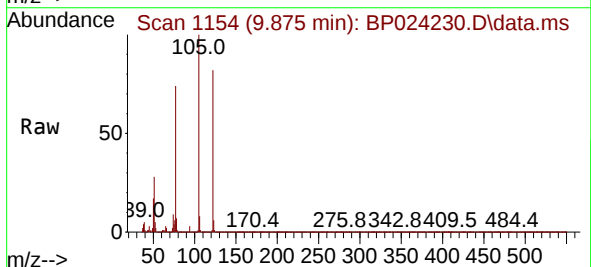
Instrument :
BNA_P
ClientSampleId :
PB167474BS

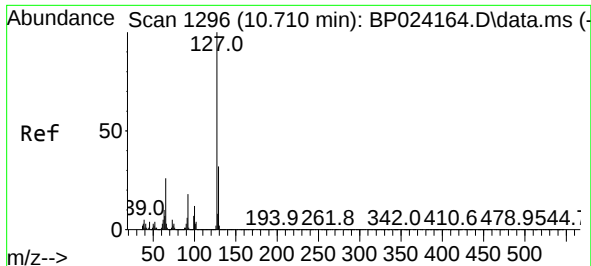
Tgt Ion:128 Resp: 2957456
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 47.051 ng
RT: 9.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:122 Resp: 650147
Ion Ratio Lower Upper
122 100
105 121.8 100.3 140.3
77 89.8 69.1 109.1

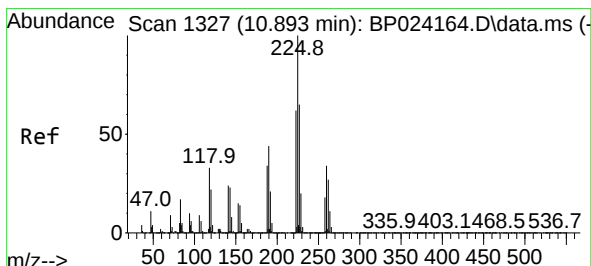
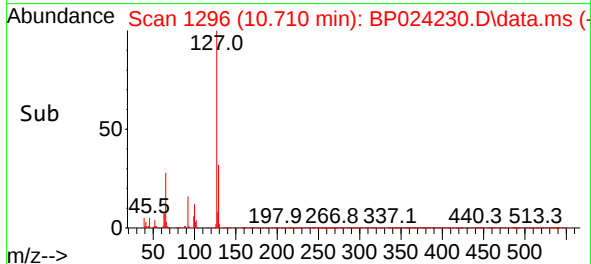
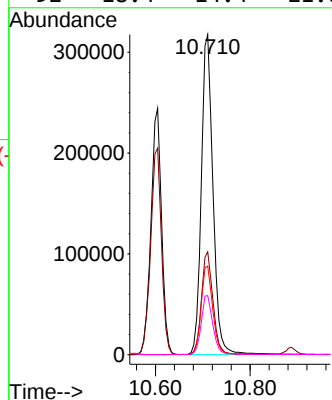
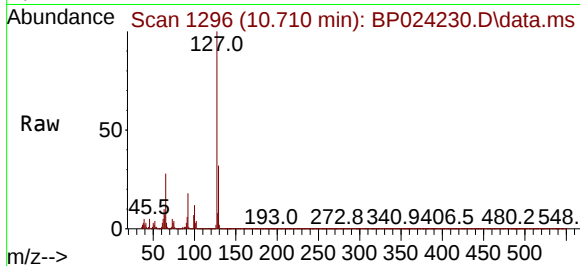




#33
4-Chloroaniline
Concen: 21.689 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

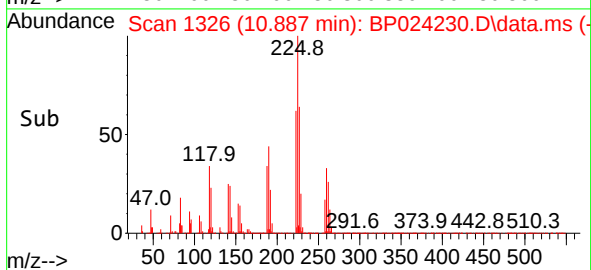
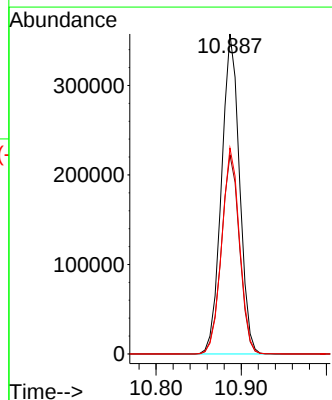
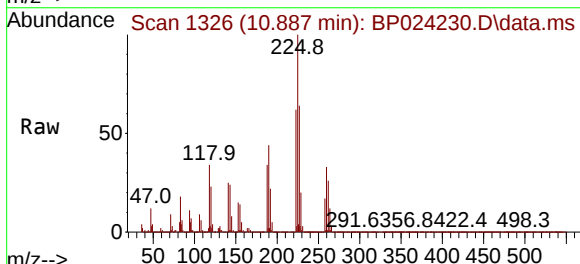
Instrument :
BNA_P
ClientSampleId :
PB167474BS

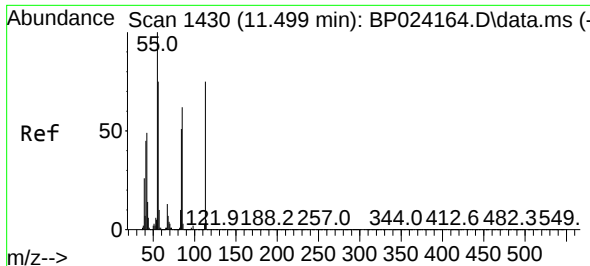
Tgt Ion:	127	Resp:	542818
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	27.7	21.2	31.8
92	18.4	14.4	21.6



#34
Hexachlorobutadiene
Concen: 43.051 ng
RT: 10.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:	225	Resp:	524671
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	64.3	52.2	78.2

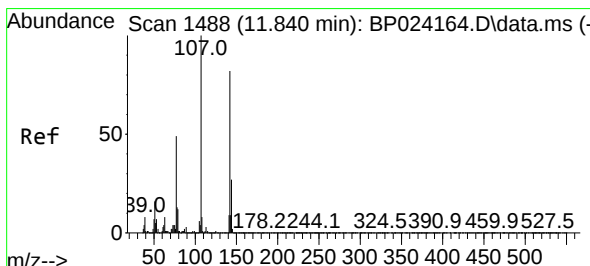
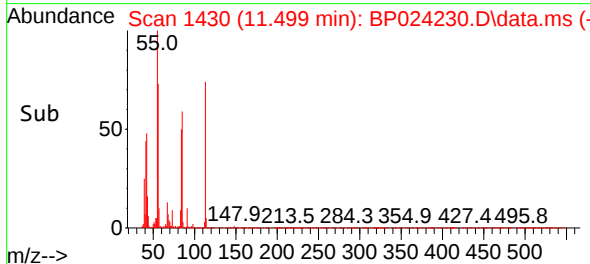
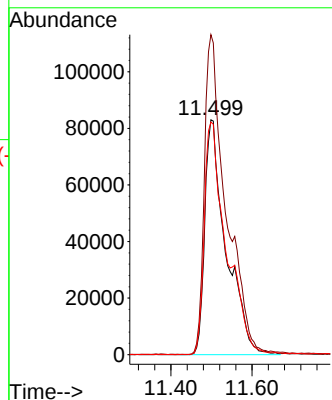
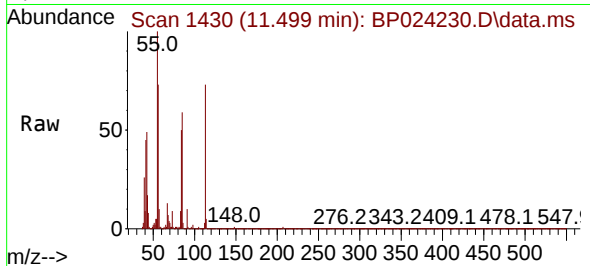




#35
 Caprolactam
 Concen: 48.069 ng
 RT: 11.499 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: BP024230.D
 Acq: 09 Apr 2025 11:29

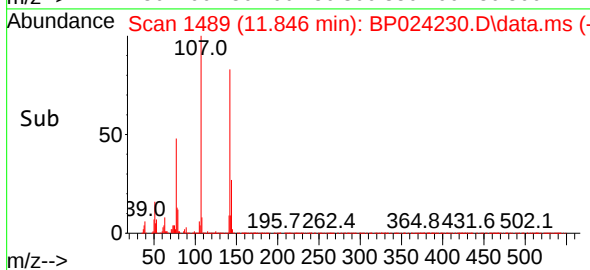
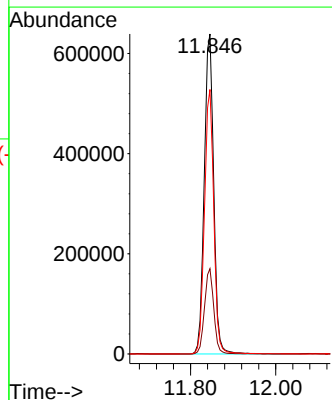
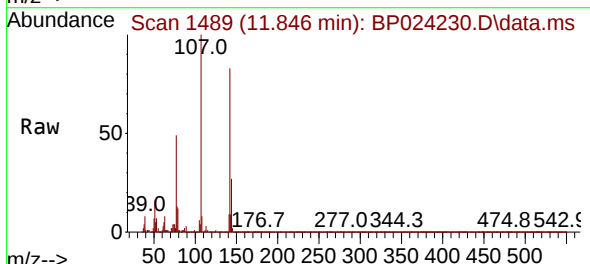
Instrument :
 BNA_P
 ClientSampleId :
 PB167474BS

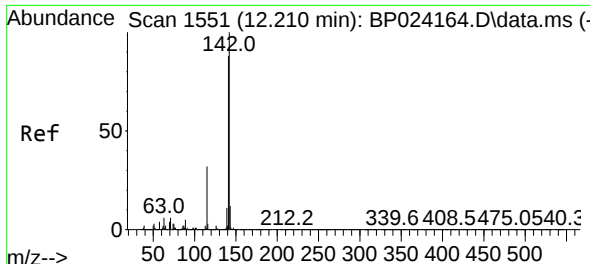
Tgt Ion:113 Resp: 301953
 Ion Ratio Lower Upper
 113 100
 55 136.2 113.6 153.6
 56 99.0 80.0 120.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.507 ng
 RT: 11.846 min Scan# 1489
 Delta R.T. 0.006 min
 Lab File: BP024230.D
 Acq: 09 Apr 2025 11:29

Tgt Ion:107 Resp: 982284
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.6 32.4
 142 82.6 65.4 98.0

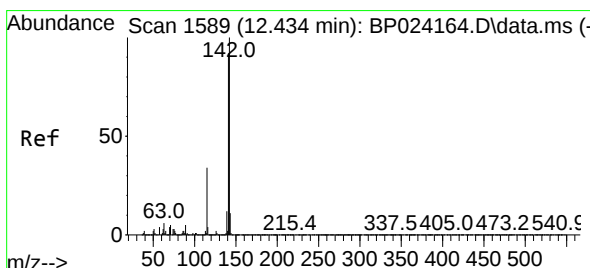
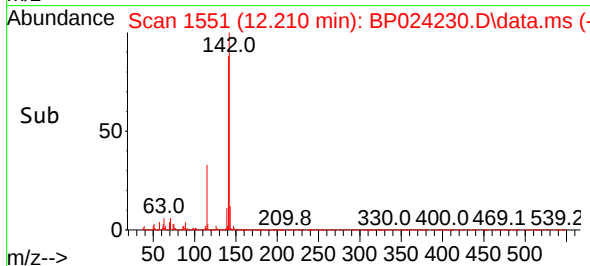
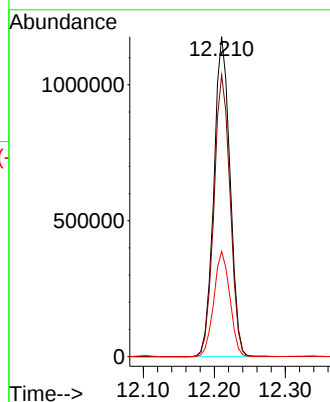
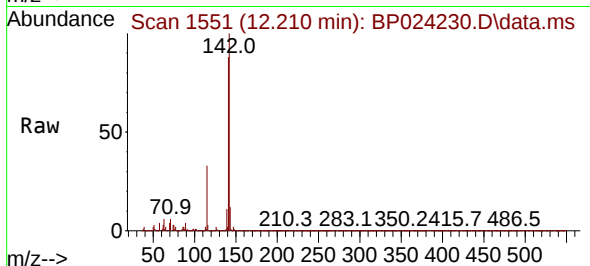




#37
2-Methylnaphthalene
Concen: 39.259 ng
RT: 12.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

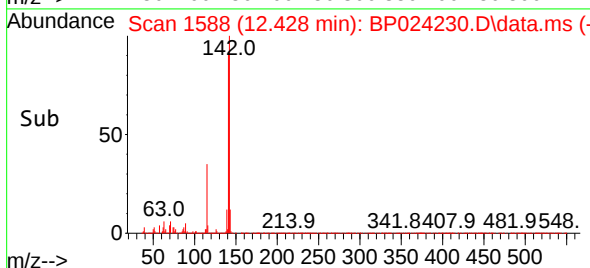
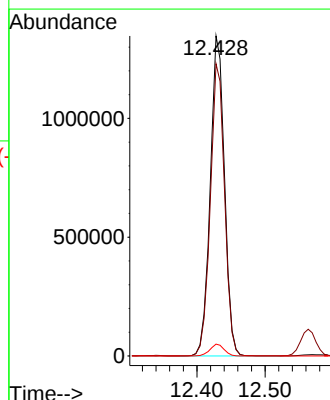
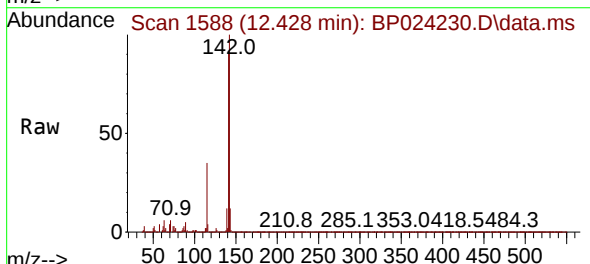
Instrument :
BNA_P
ClientSampleId :
PB167474BS

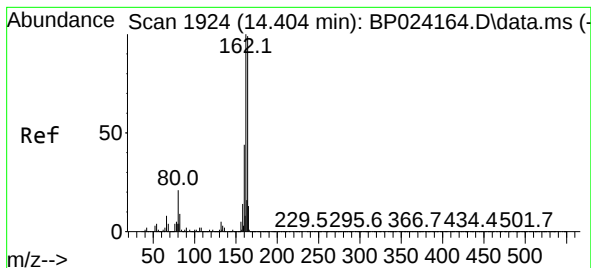
Tgt Ion:142 Resp: 1854855
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5
115 32.9 26.0 39.0



#38
1-Methylnaphthalene
Concen: 42.498 ng
RT: 12.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:142 Resp: 1952927
Ion Ratio Lower Upper
142 100
141 91.3 73.9 110.9
116 3.7 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

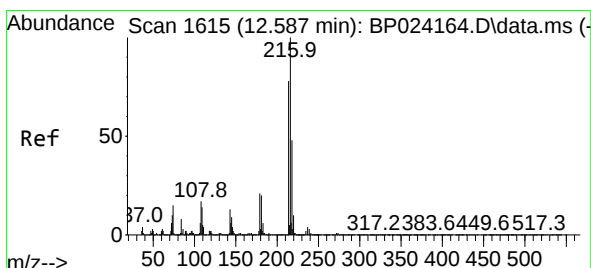
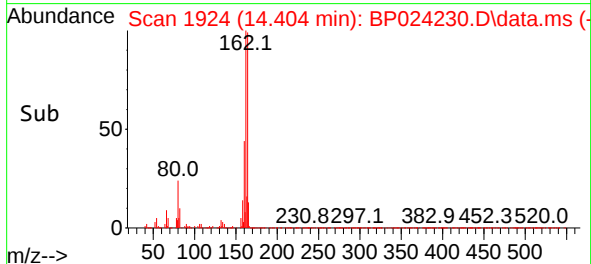
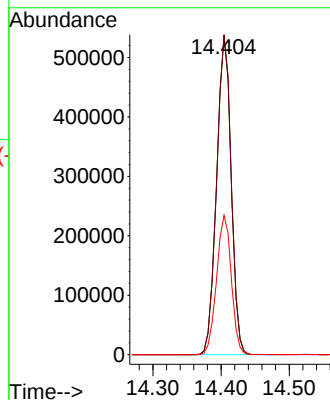
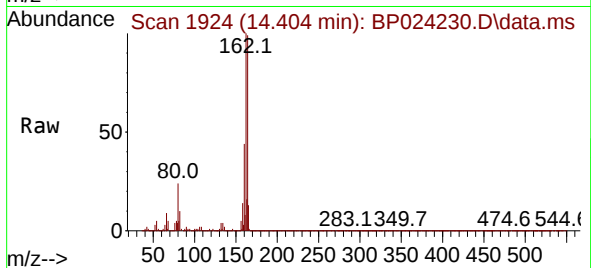
Tgt Ion:164 Resp: 796233

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

160 43.7 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.259 ng

RT: 12.587 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Tgt Ion:216 Resp: 972662

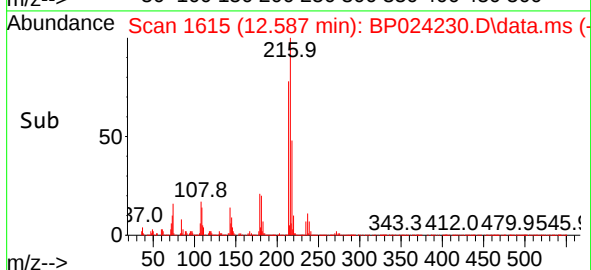
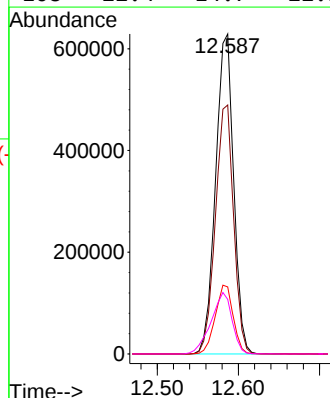
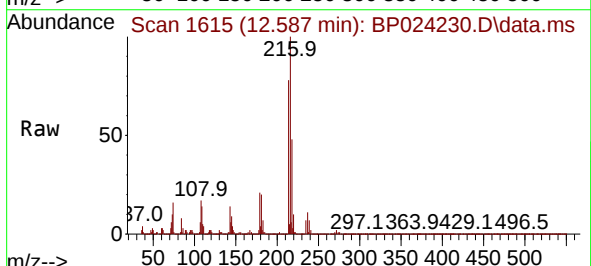
Ion Ratio Lower Upper

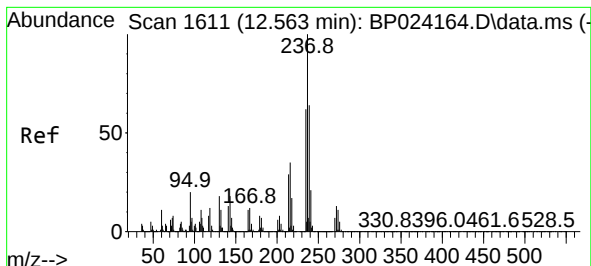
216 100

214 78.5 62.8 94.2

179 21.4 16.8 25.2

108 22.4 14.7 22.1#

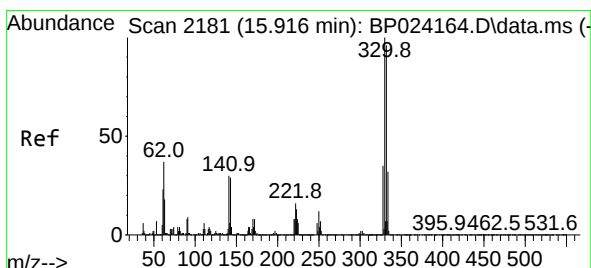
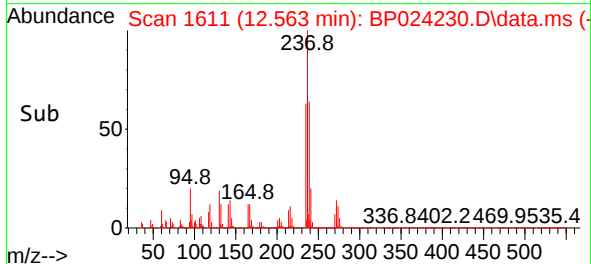
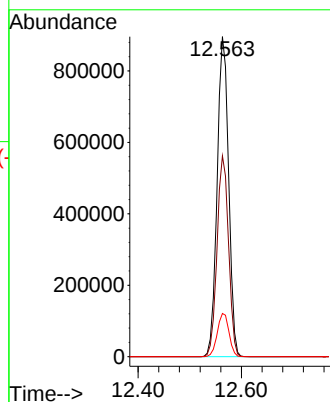
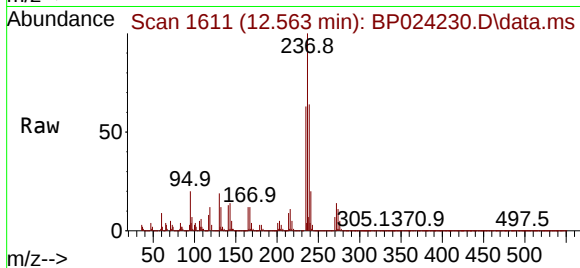




#41
Hexachlorocyclopentadiene
Concen: 165.880 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

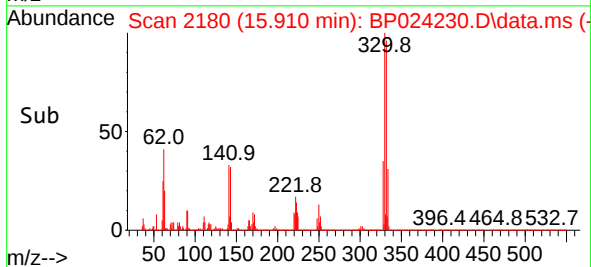
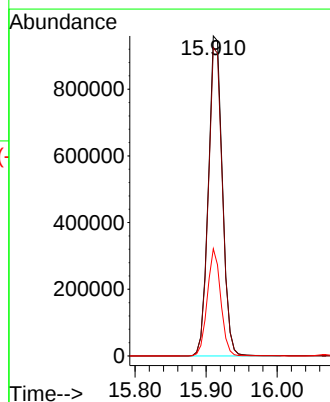
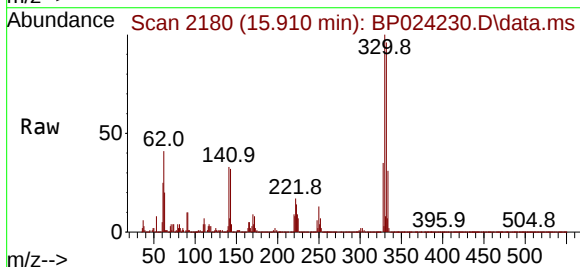
Instrument :
BNA_P
ClientSampleId :
PB167474BS

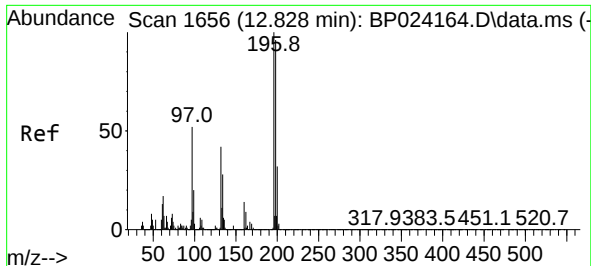
Tgt Ion:237 Resp: 1376260
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 131.362 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:330 Resp: 1317504
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 32.1 25.0 37.6

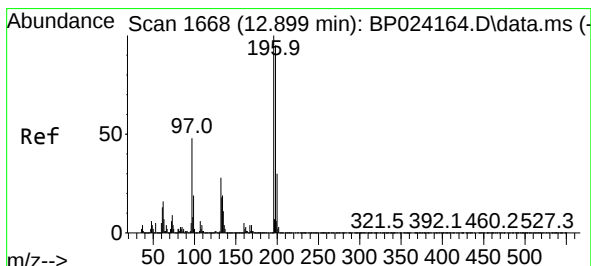
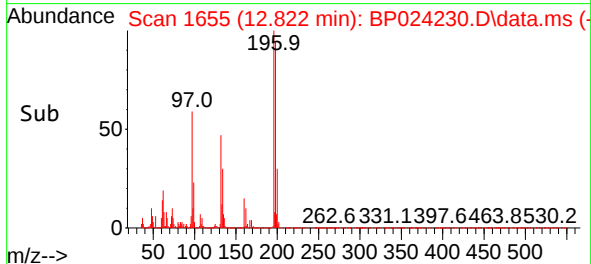
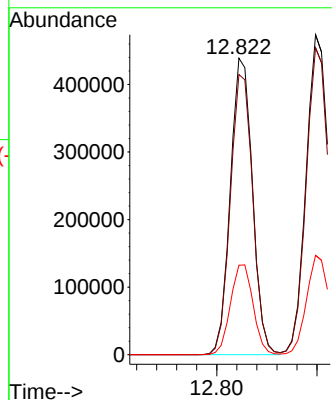
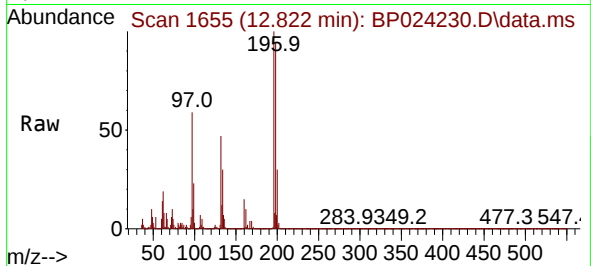




#43
2,4,6-Trichlorophenol
Concen: 46.073 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

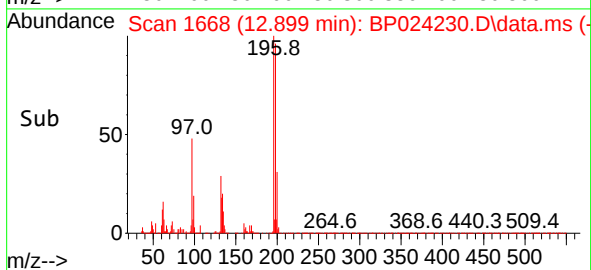
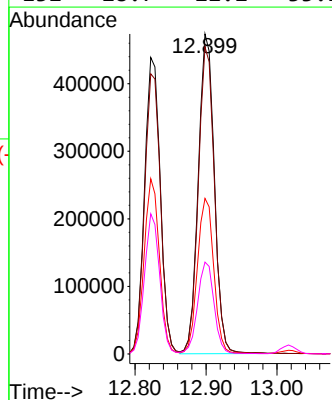
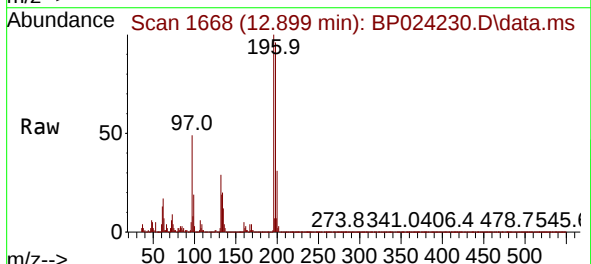
Instrument :
BNA_P
ClientSampleId :
PB167474BS

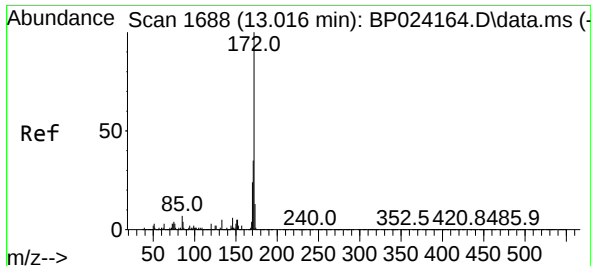
Tgt Ion:196 Resp: 673933
Ion Ratio Lower Upper
196 100
198 94.5 76.6 115.0
200 30.2 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 46.587 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:196 Resp: 747328
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
97 48.6 38.7 58.1
132 28.7 22.2 33.2

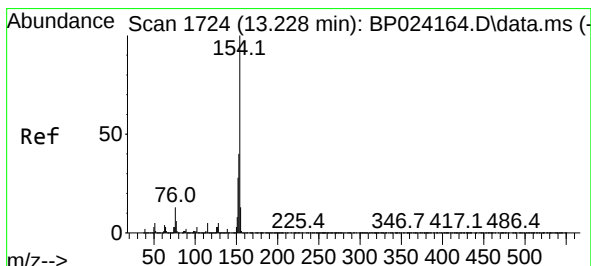
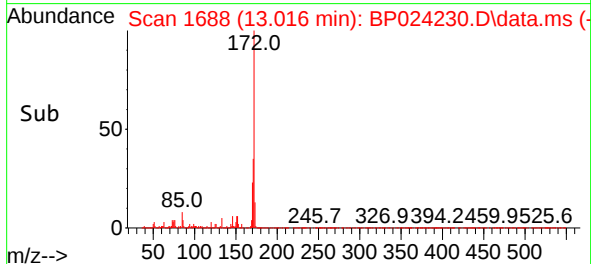
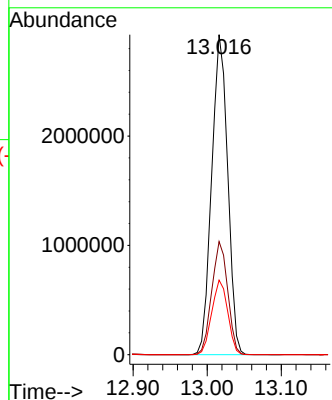
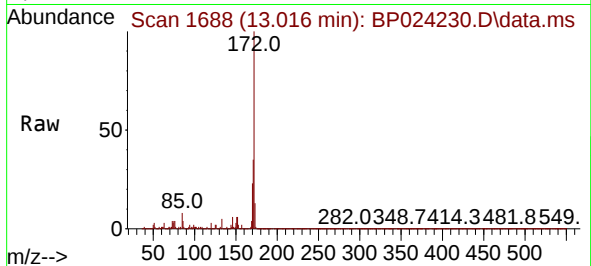




#45
2-Fluorobiphenyl
Concen: 81.335 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

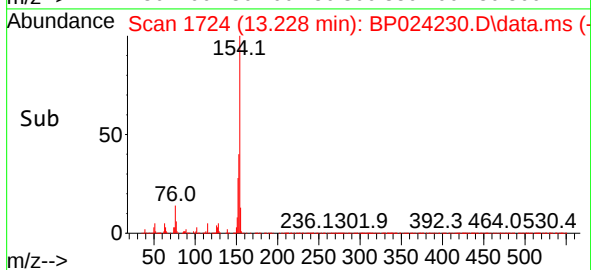
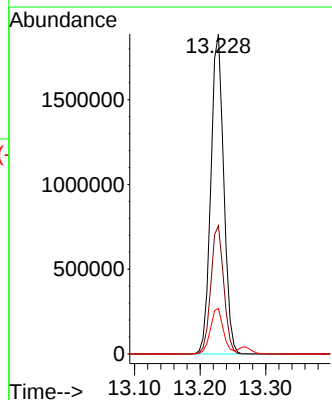
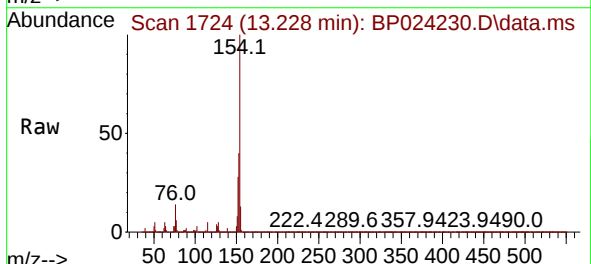
Instrument :
BNA_P
ClientSampleId :
PB167474BS

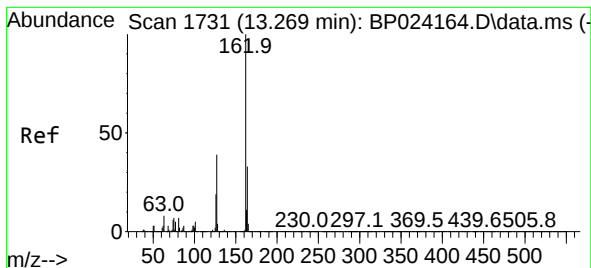
Tgt Ion:172 Resp: 4392031
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.075 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:154 Resp: 2577317
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 14.3 0.0 32.9

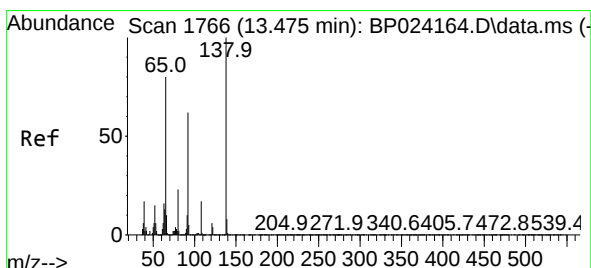
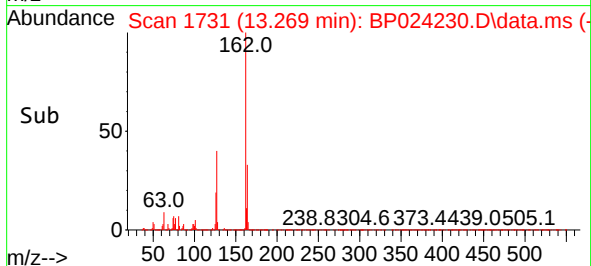
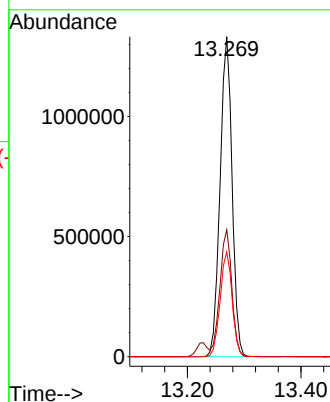
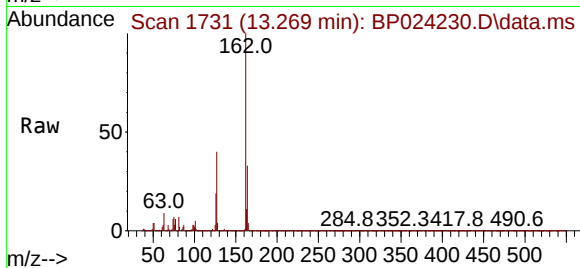




#47
2-Chloronaphthalene
Concen: 43.423 ng
RT: 13.269 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

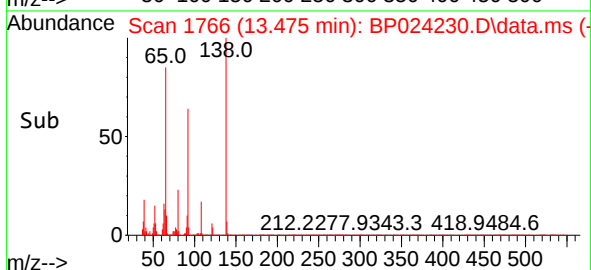
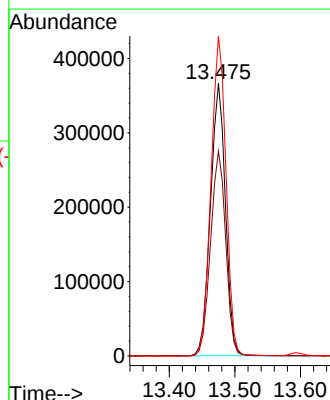
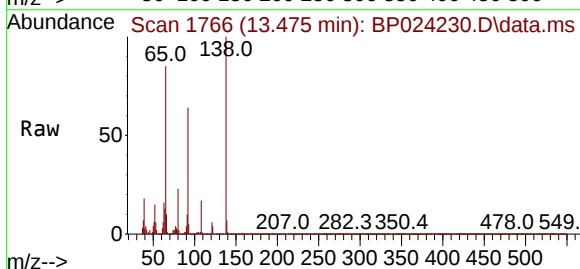
Instrument :
BNA_P
ClientSampleId :
PB167474BS

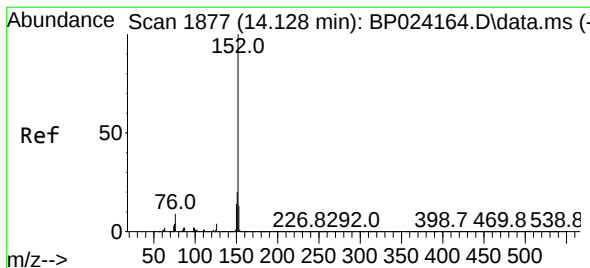
Tgt Ion:162 Resp: 1954230
Ion Ratio Lower Upper
162 100
127 39.7 31.5 47.3
164 32.7 26.6 39.8



#48
2-Nitroaniline
Concen: 50.585 ng
RT: 13.475 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion: 65 Resp: 582276
Ion Ratio Lower Upper
65 100
92 75.1 62.1 93.1
138 117.4 99.5 149.3





#49

Acenaphthylene

Concen: 47.974 ng

RT: 14.122 min Scan# 1877

Delta R.T. -0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

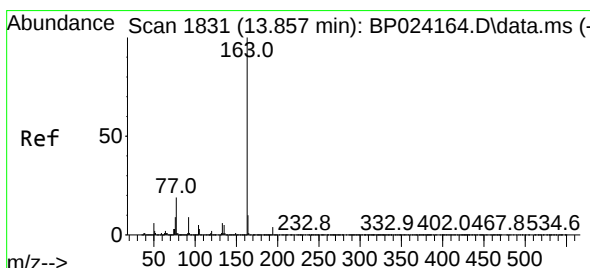
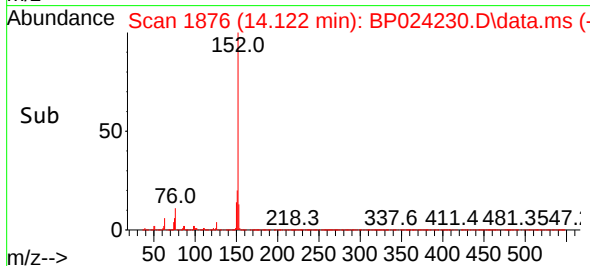
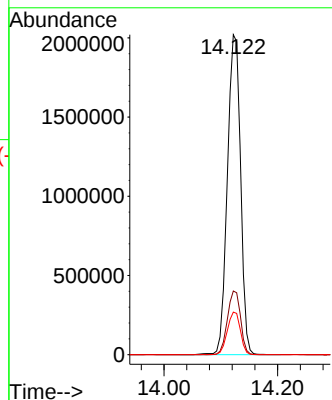
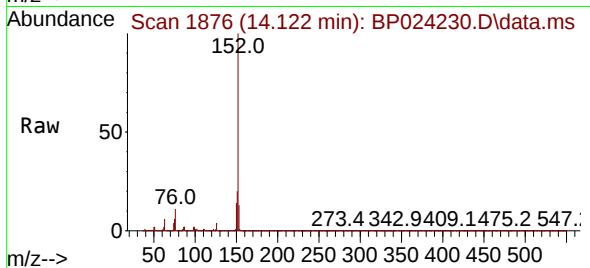
Tgt Ion:152 Resp: 3266916

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 43.941 ng

RT: 13.857 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

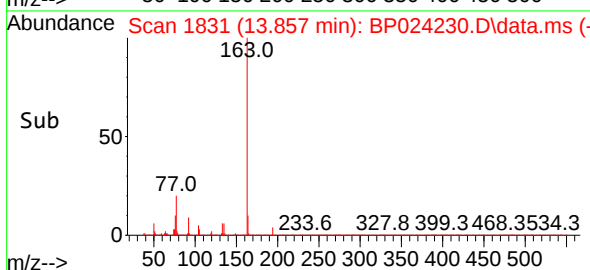
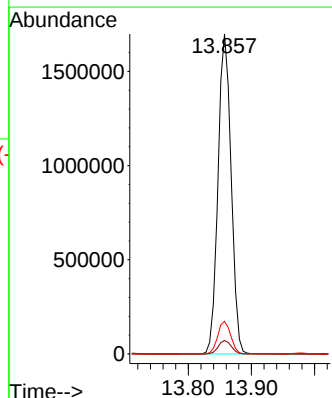
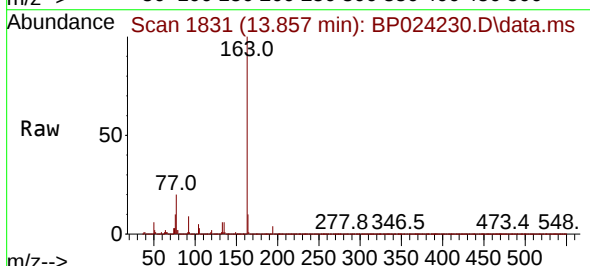
Tgt Ion:163 Resp: 2448143

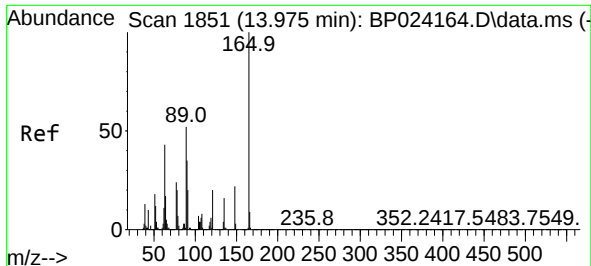
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.4

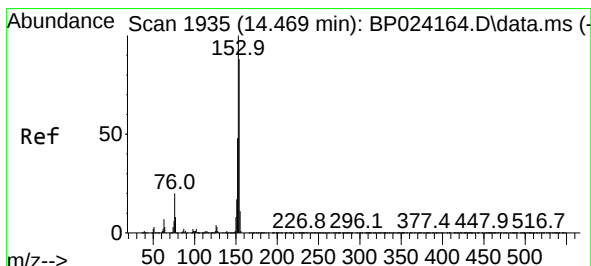
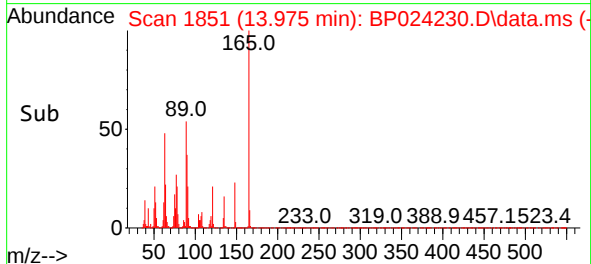
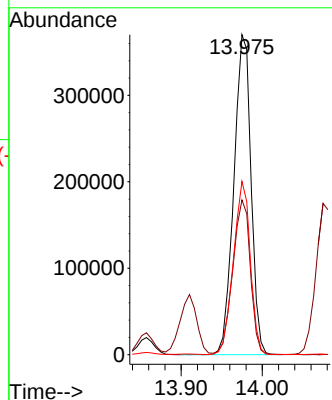
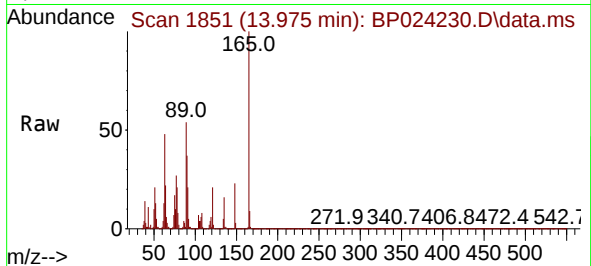




#51
2,6-Dinitrotoluene
Concen: 46.213 ng
RT: 13.975 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

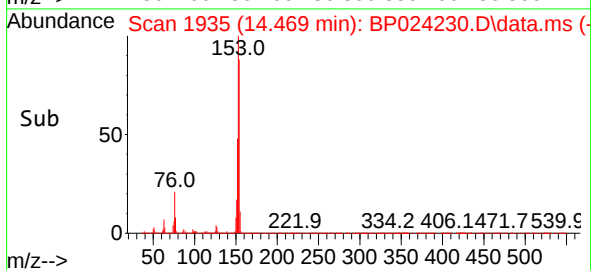
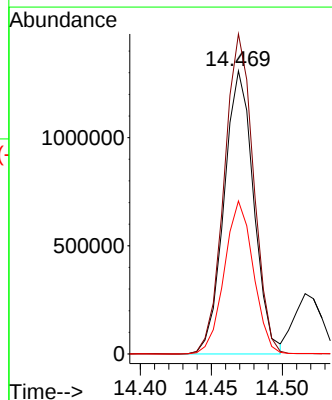
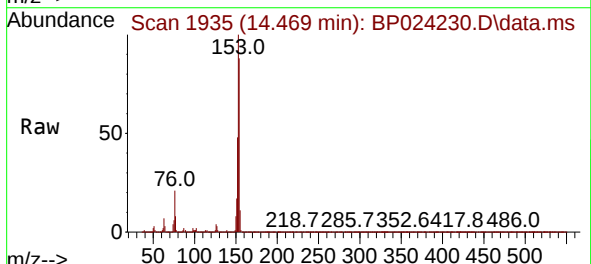
Instrument :
BNA_P
ClientSampleId :
PB167474BS

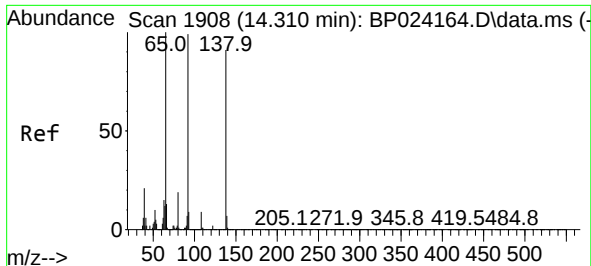
Tgt Ion:165 Resp: 541729
Ion Ratio Lower Upper
165 100
63 48.3 37.7 56.5
89 54.2 41.9 62.9



#52
Acenaphthene
Concen: 43.659 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:154 Resp: 1899583
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 54.0 43.1 64.7

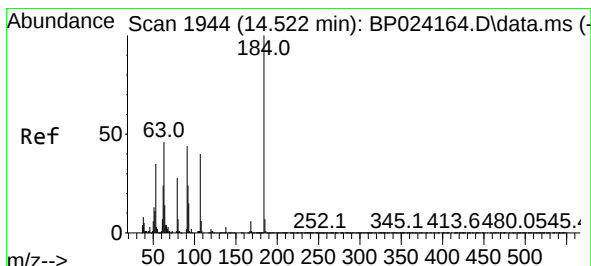
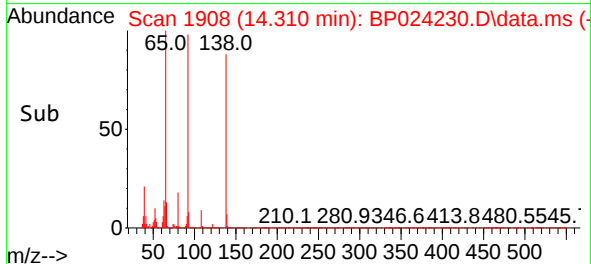
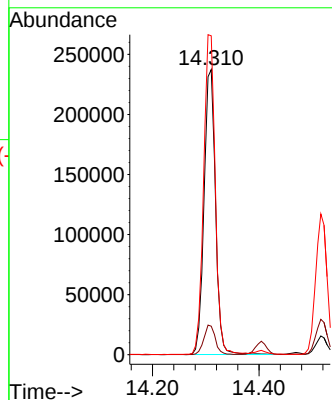
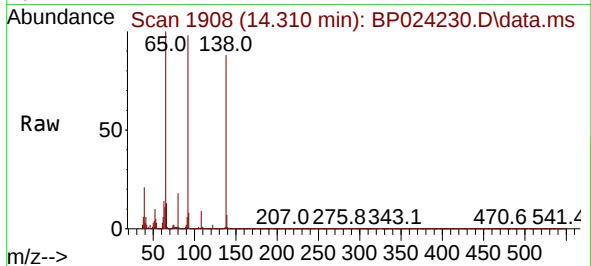




#53
3-Nitroaniline
Concen: 27.913 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

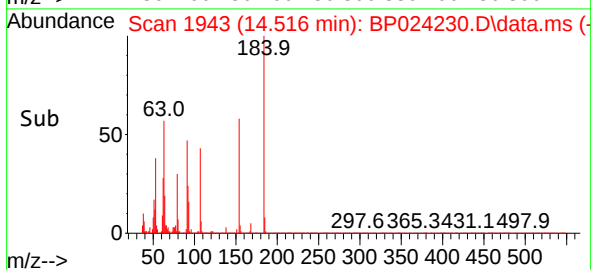
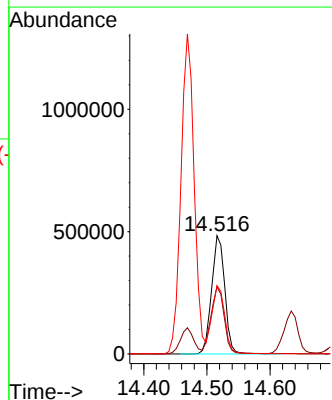
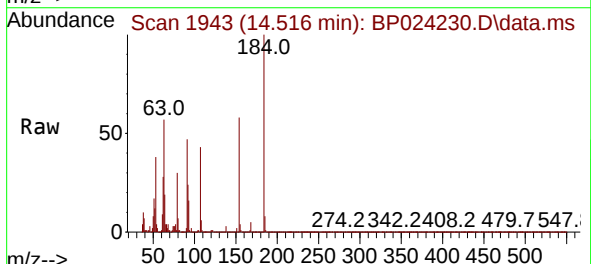
Instrument :
BNA_P
ClientSampleId :
PB167474BS

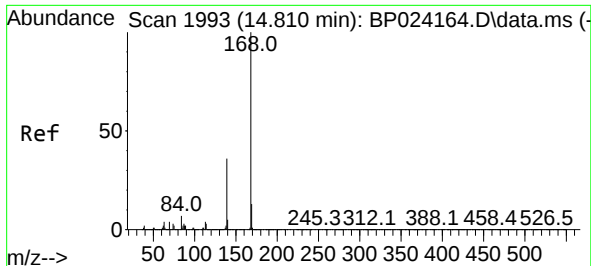
Tgt Ion:138 Resp: 353412
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 111.8 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 113.105 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:184 Resp: 701555
Ion Ratio Lower Upper
184 100
63 56.8 42.1 63.1
154 57.7 44.6 67.0

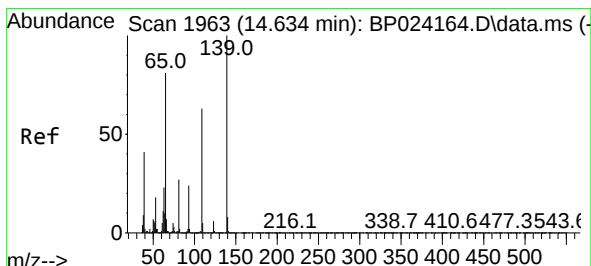
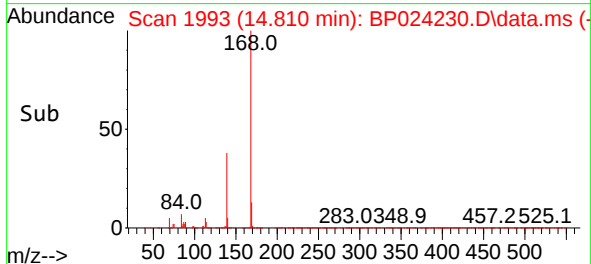
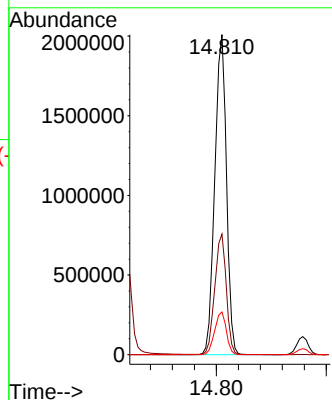
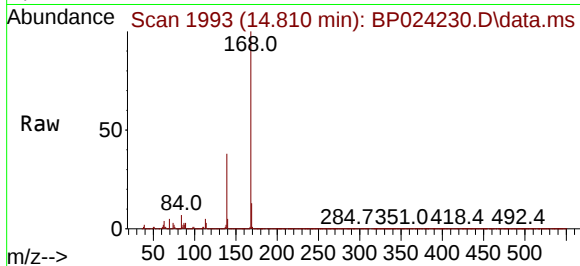




#55
Dibenzofuran
Concen: 41.976 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

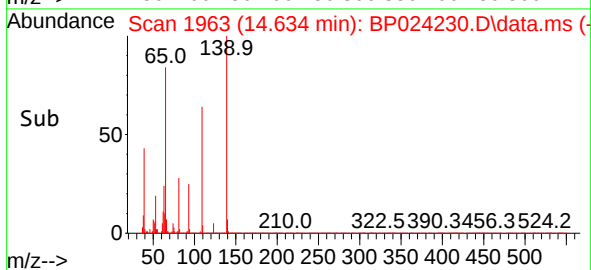
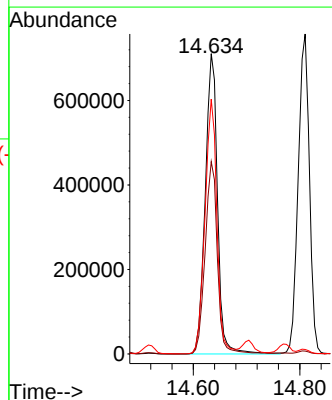
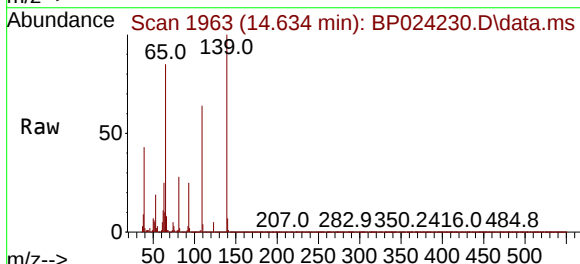
Instrument :
BNA_P
ClientSampleId :
PB167474BS

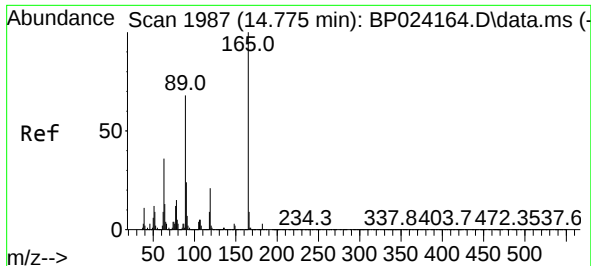
Tgt Ion:168 Resp: 2958337
Ion Ratio Lower Upper
168 100
139 37.7 29.1 43.7
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 107.296 ng
RT: 14.634 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:139 Resp: 1135114
Ion Ratio Lower Upper
139 100
109 64.1 43.3 83.3
65 84.9 61.2 101.2

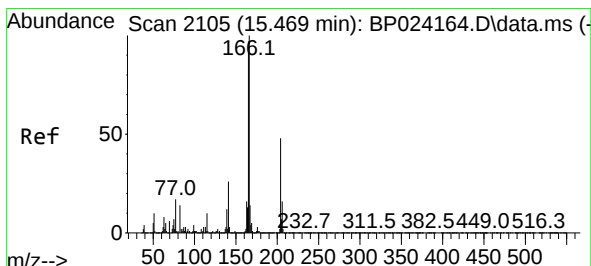
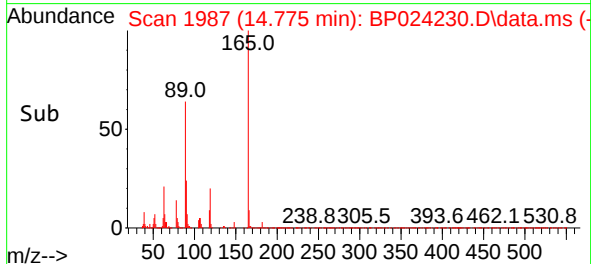
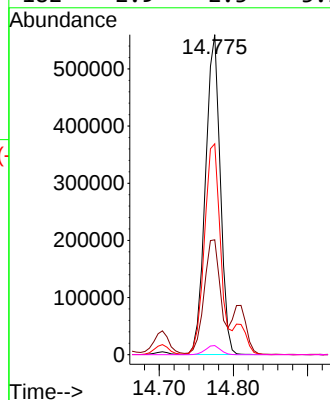
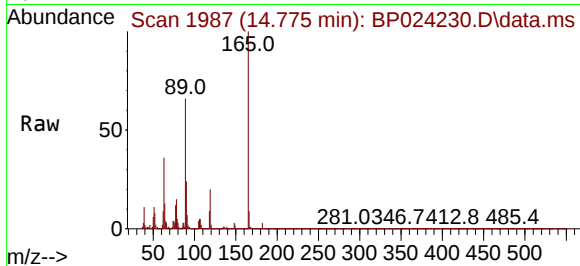




#57
2,4-Dinitrotoluene
Concen: 50.257 ng
RT: 14.775 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

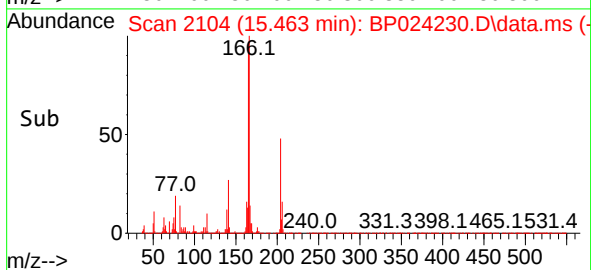
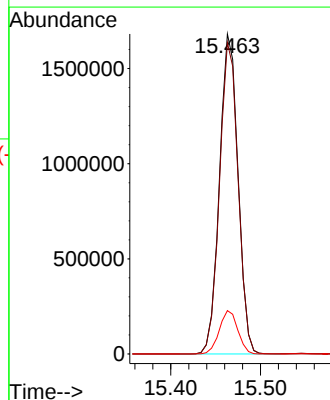
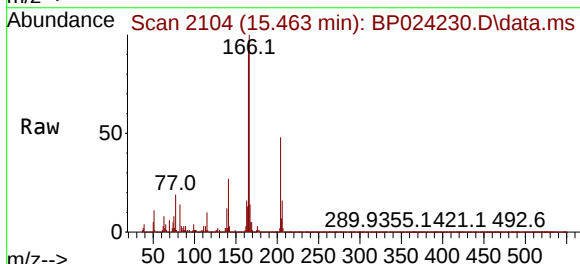
Instrument :
BNA_P
ClientSampleId :
PB167474BS

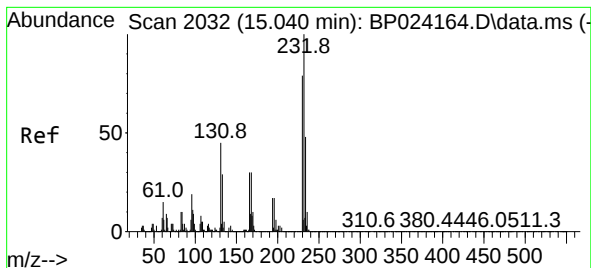
Tgt Ion:165 Resp: 778193
Ion Ratio Lower Upper
165 100
63 35.9 29.0 43.6
89 65.9 54.2 81.4
182 2.9 2.3 3.5



#58
Fluorene
Concen: 43.905 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:166 Resp: 2410881
Ion Ratio Lower Upper
166 100
165 97.3 77.6 116.4
167 13.6 10.8 16.2



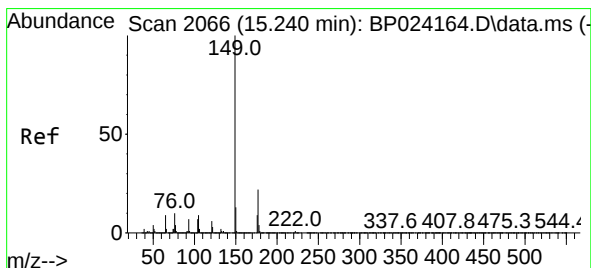
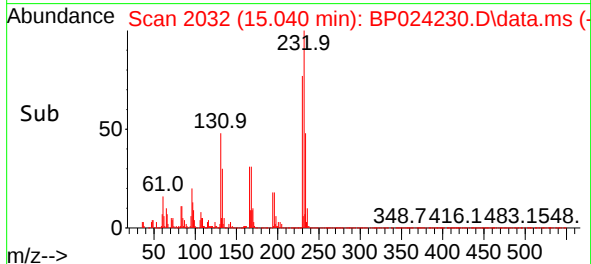
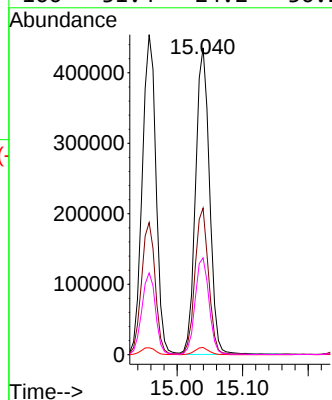
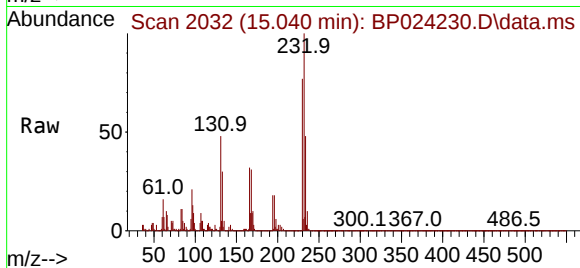


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.452 ng
RT: 15.040 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Tgt Ion:232 Resp: 644186

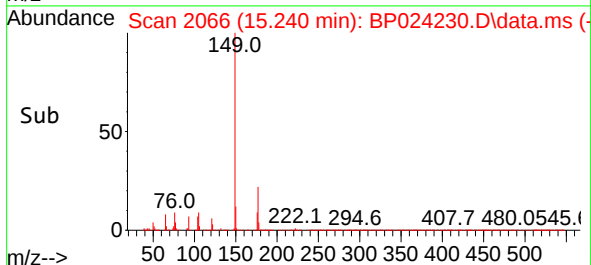
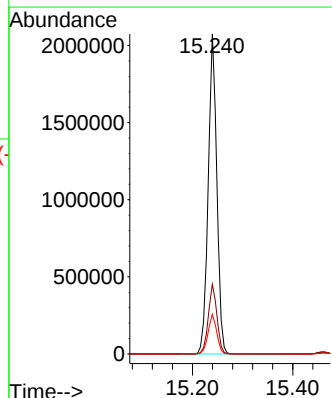
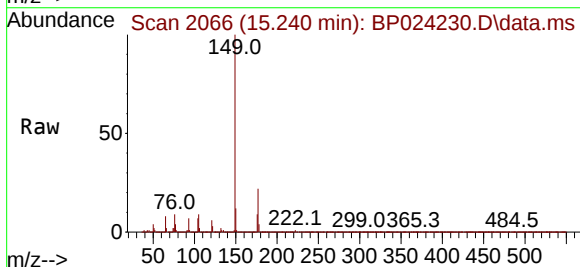
Ion	Ratio	Lower	Upper
232	100		
131	46.6	35.9	53.9
130	2.3	1.8	2.6
166	31.4	24.2	36.2

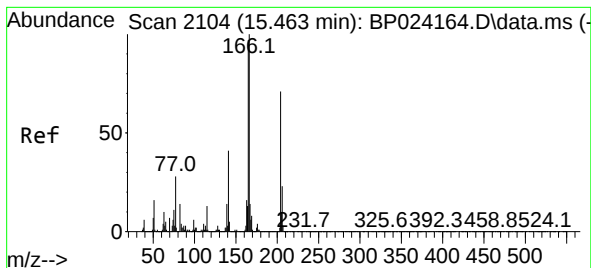


#60
Diethylphthalate
Concen: 44.726 ng
RT: 15.240 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:149 Resp: 2481463

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.7	26.5
150	12.4	10.2	15.4

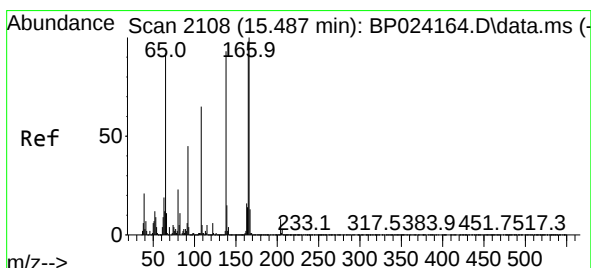
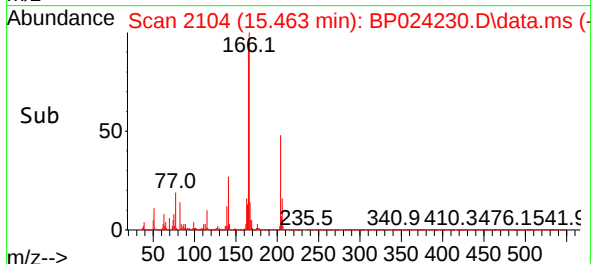
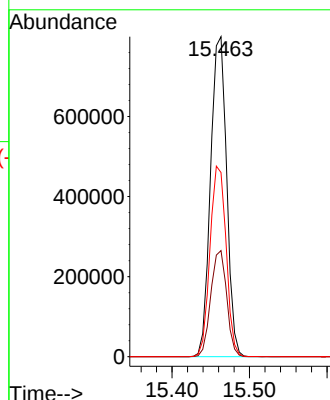
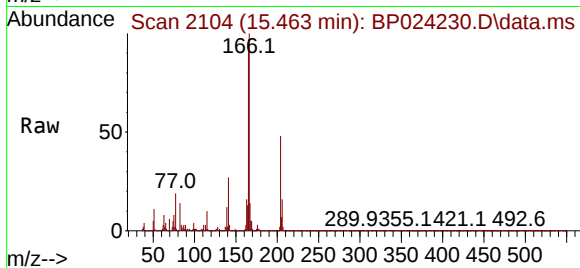




#61
4-Chlorophenyl-phenylether
Concen: 42.707 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

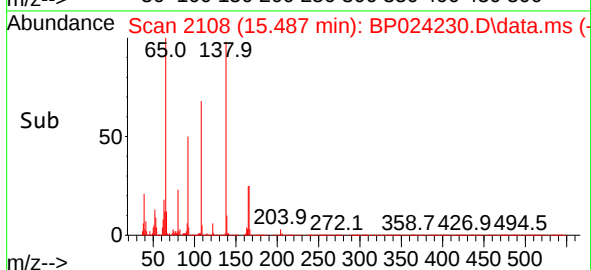
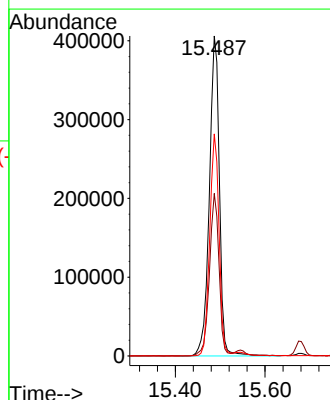
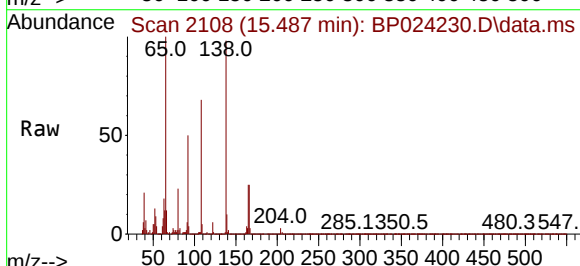
Instrument :
BNA_P
ClientSampleId :
PB167474BS

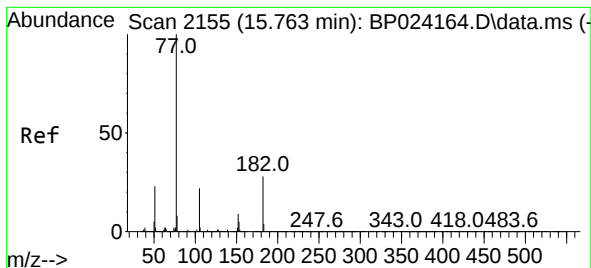
Tgt Ion:204 Resp: 1150193
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 57.6 45.8 68.8



#62
4-Nitroaniline
Concen: 47.598 ng
RT: 15.487 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:138 Resp: 632055
Ion Ratio Lower Upper
138 100
92 50.8 28.7 68.7
108 69.4 49.5 89.5





#63

Azobenzene

Concen: 45.113 ng

RT: 15.757 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

Tgt Ion: 77 Resp: 2359069

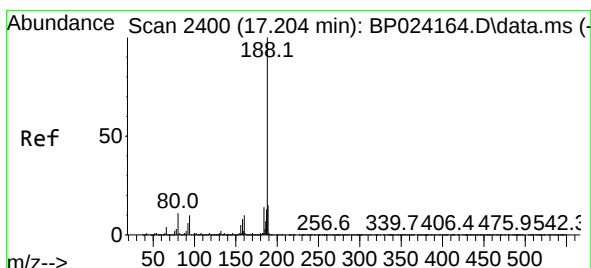
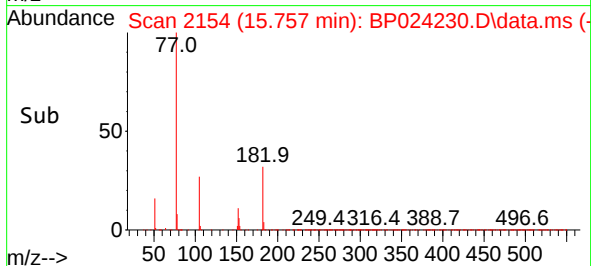
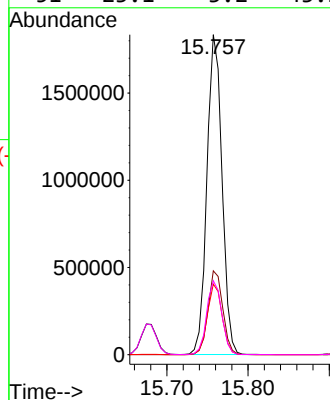
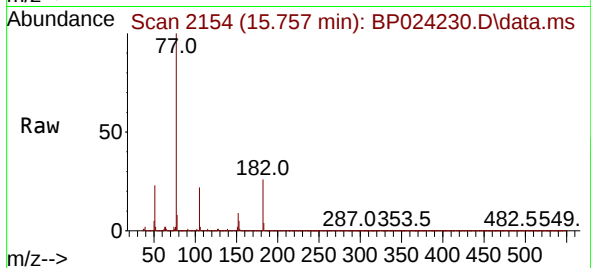
Ion Ratio Lower Upper

77 100

182 26.2 7.7 47.7

105 22.1 2.3 42.3

51 23.1 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2399

Delta R.T. -0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

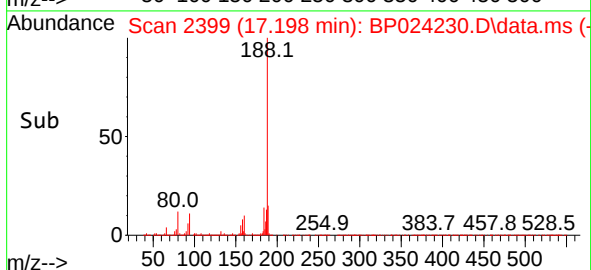
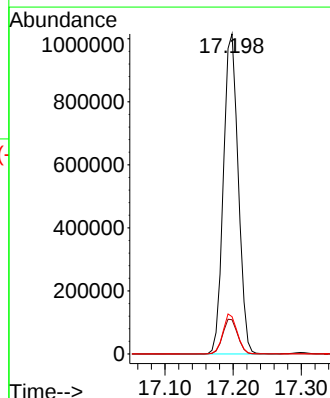
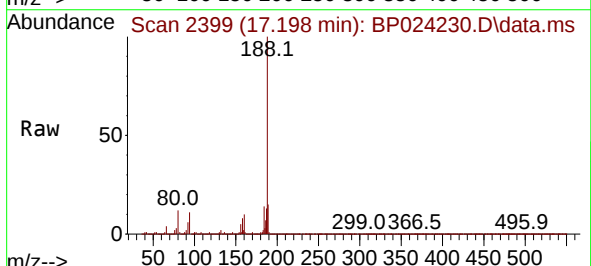
Tgt Ion: 188 Resp: 1531760

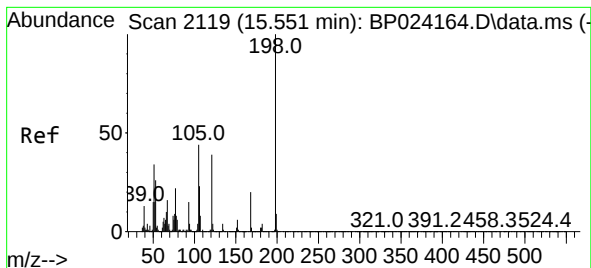
Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 11.6 8.9 13.3

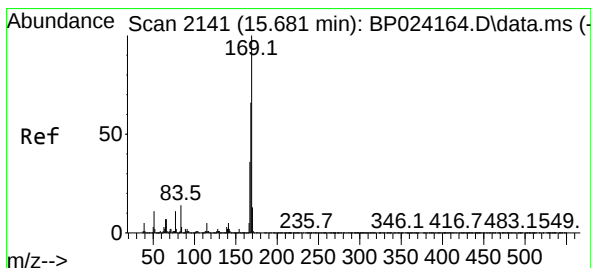
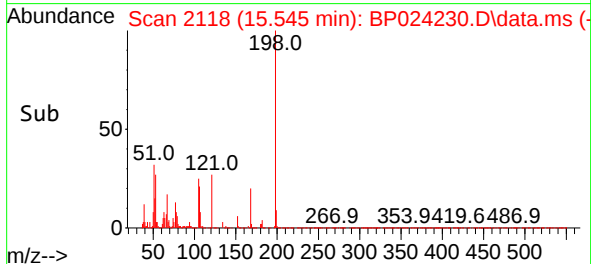
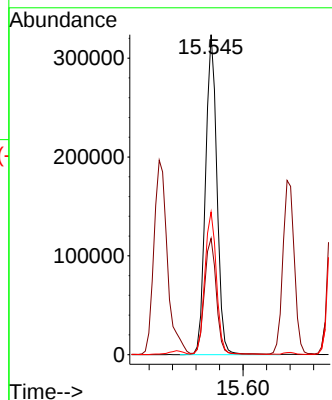
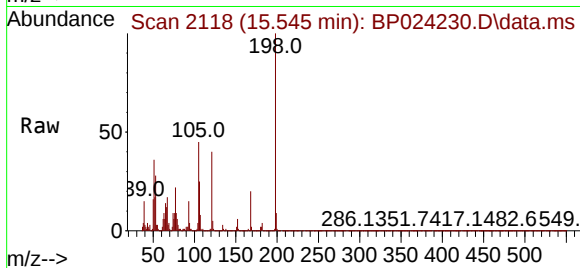




#65
4,6-Dinitro-2-methylphenol
Concen: 47.836 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

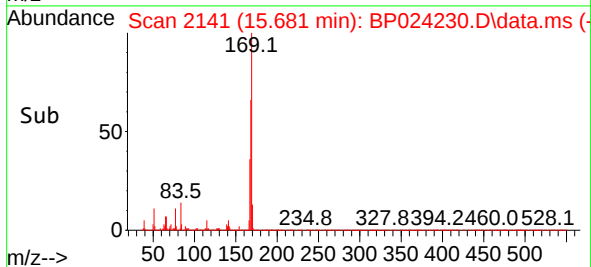
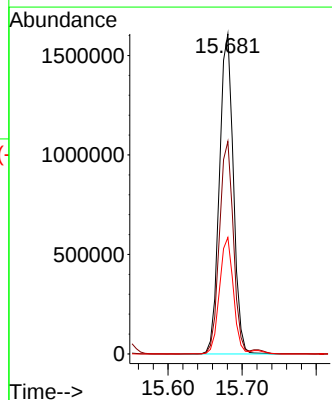
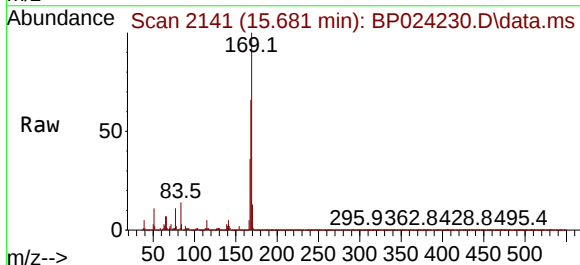
Instrument :
BNA_P
ClientSampleId :
PB167474BS

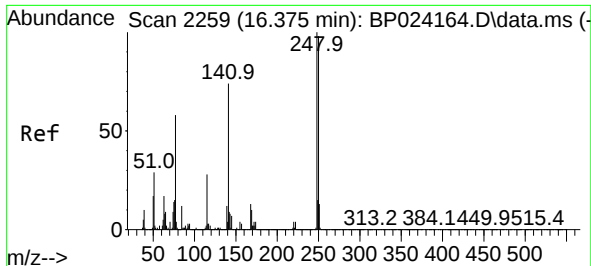
Tgt Ion:198 Resp: 434997
Ion Ratio Lower Upper
198 100
51 36.4 14.7 54.7
105 44.6 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 45.173 ng
RT: 15.681 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:169 Resp: 2101191
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.4 28.8 43.2

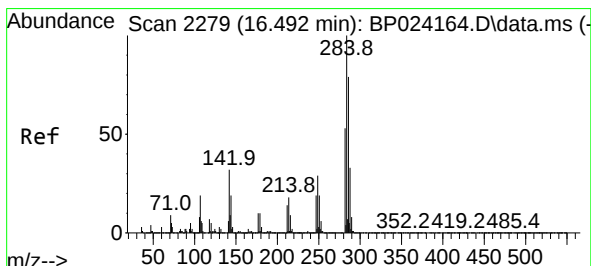
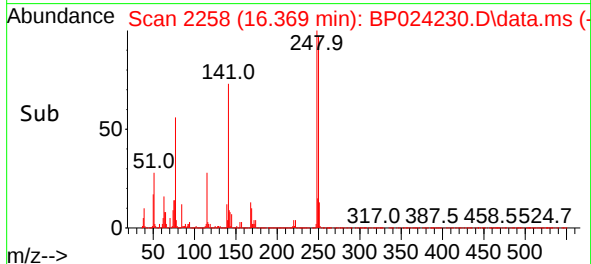
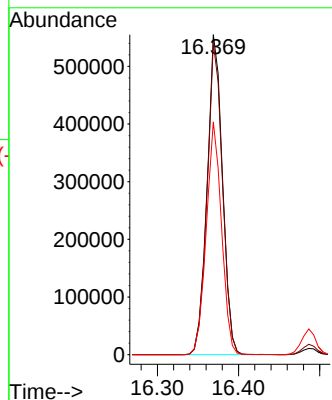
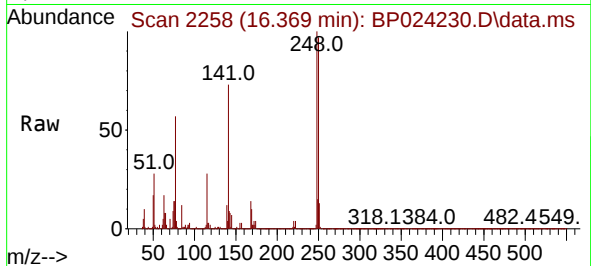




#67
4-Bromophenyl-phenylether
Concen: 43.354 ng
RT: 16.369 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

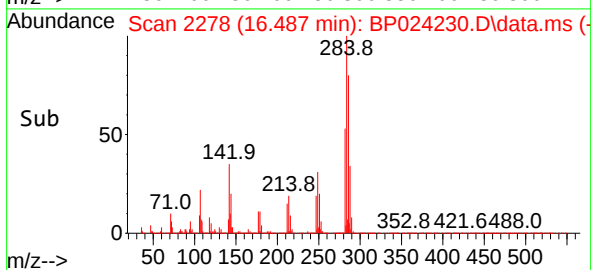
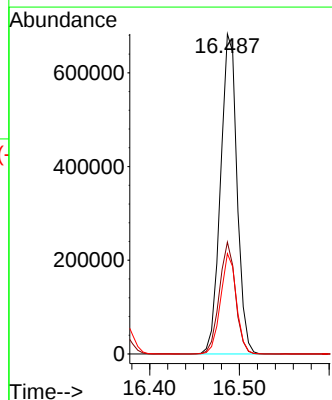
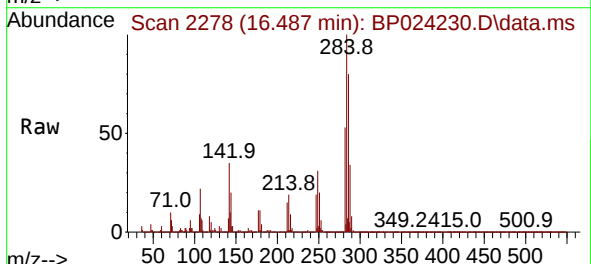
Instrument :
BNA_P
ClientSampleId :
PB167474BS

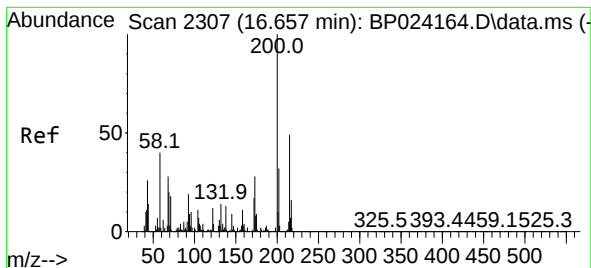
Tgt Ion:248 Resp: 729105
Ion Ratio Lower Upper
248 100
250 97.5 78.4 117.6
141 72.7 59.4 89.0



#68
Hexachlorobenzene
Concen: 43.786 ng
RT: 16.487 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:284 Resp: 871559
Ion Ratio Lower Upper
284 100
142 34.9 25.4 38.2
249 31.3 23.5 35.3





#69

Atrazine

Concen: 66.552 ng

RT: 16.657 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

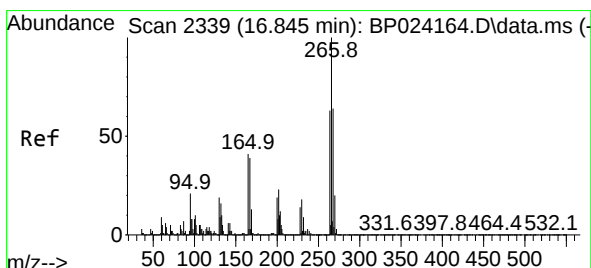
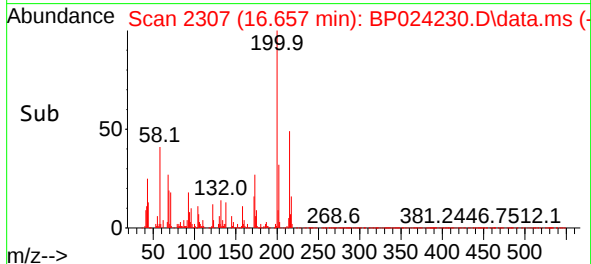
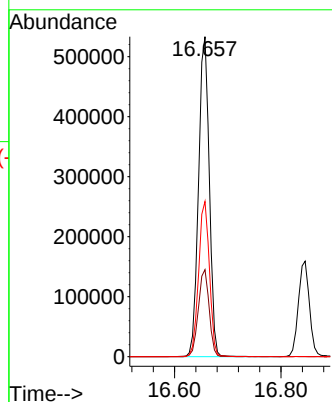
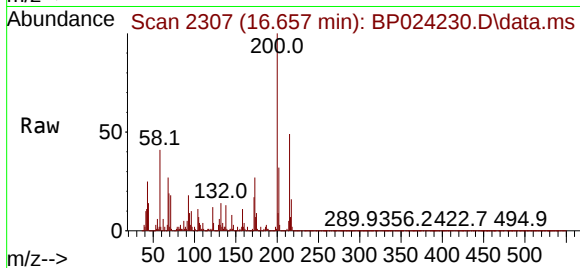
Tgt Ion:200 Resp: 747184

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

215 48.5 29.0 69.0



#70

Pentachlorophenol

Concen: 97.778 ng

RT: 16.845 min Scan# 2339

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

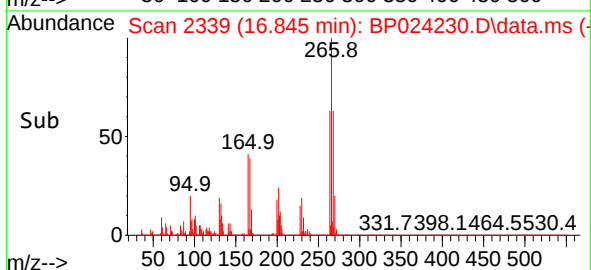
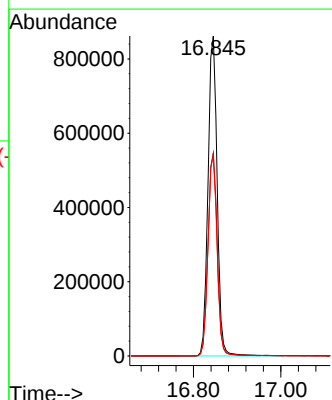
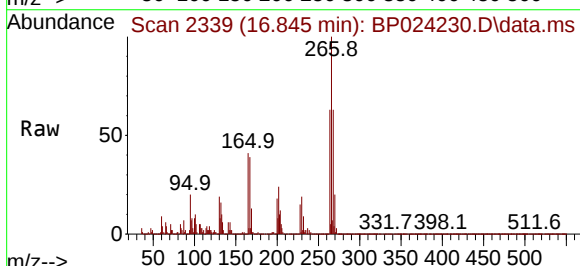
Tgt Ion:266 Resp: 1258620

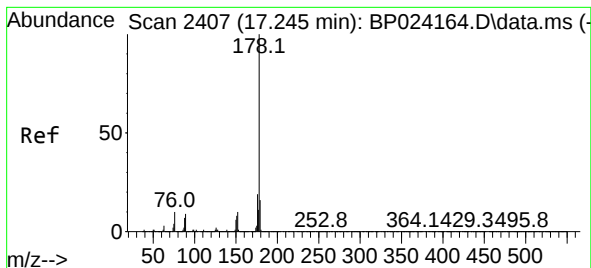
Ion Ratio Lower Upper

266 100

268 63.4 51.3 76.9

264 62.8 50.6 76.0





#71

Phenanthrene

Concen: 44.839 ng

RT: 17.239 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

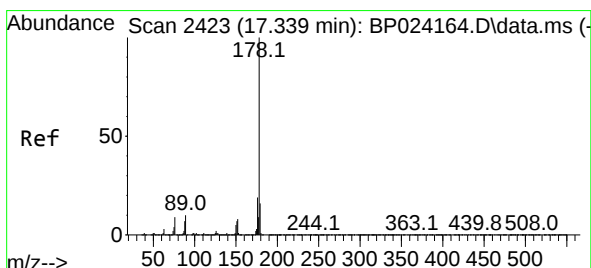
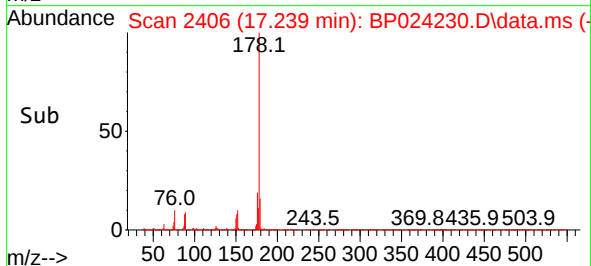
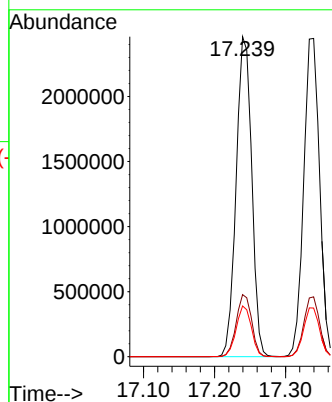
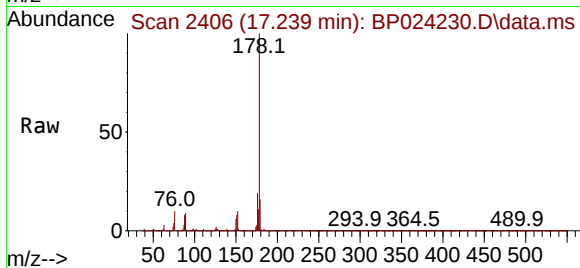
Tgt Ion:178 Resp: 3752120

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.9 12.5 18.7



#72

Anthracene

Concen: 46.676 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

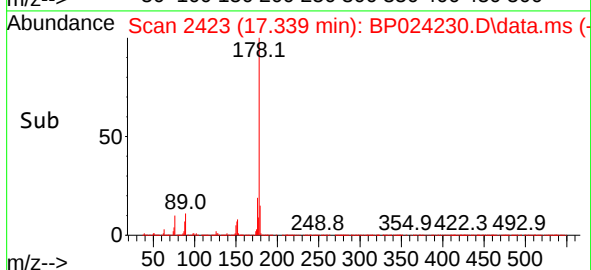
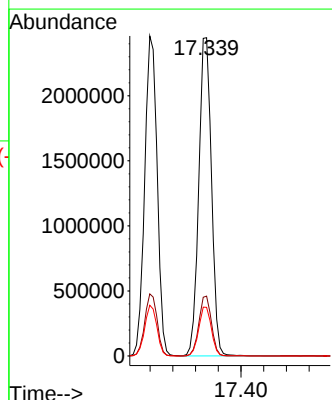
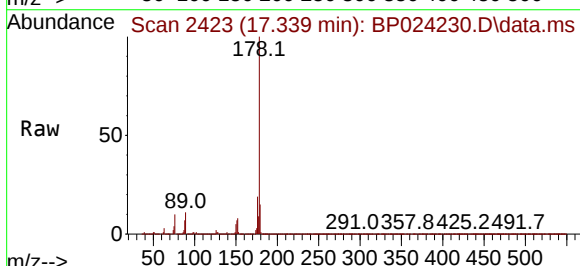
Tgt Ion:178 Resp: 3804154

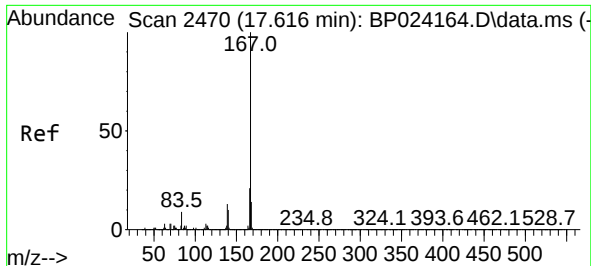
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.3 12.6 18.8

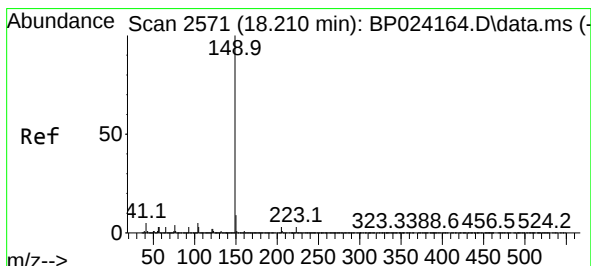
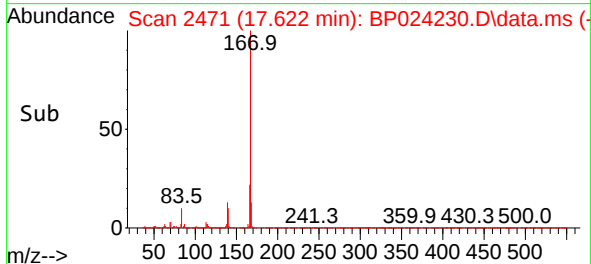
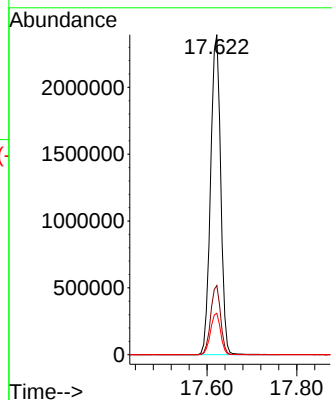
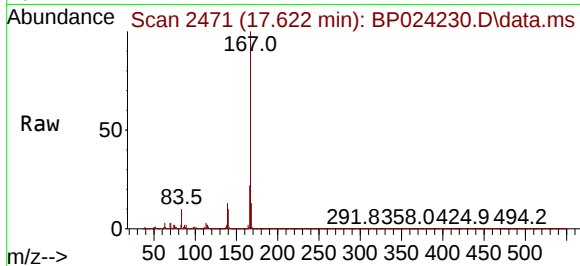




#73
Carbazole
Concen: 47.458 ng
RT: 17.622 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

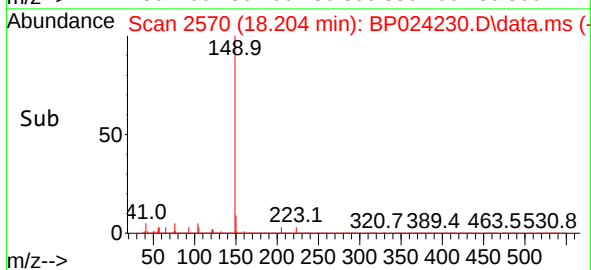
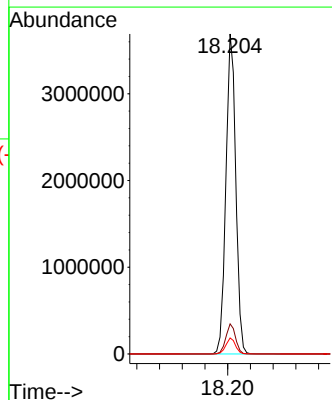
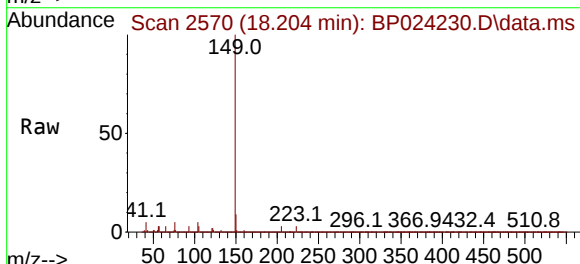
Instrument :
BNA_P
ClientSampleId :
PB167474BS

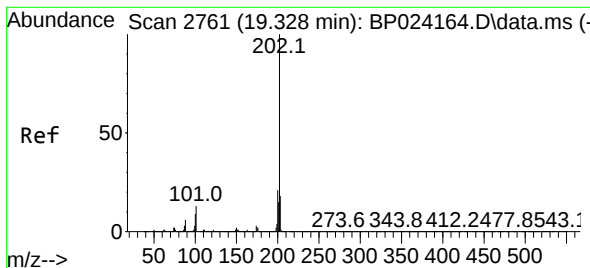
Tgt Ion:167 Resp: 3730069
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.0 10.2 15.4



#74
Di-n-butylphthalate
Concen: 47.817 ng
RT: 18.204 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:149 Resp: 4461436
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 45.449 ng

RT: 19.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

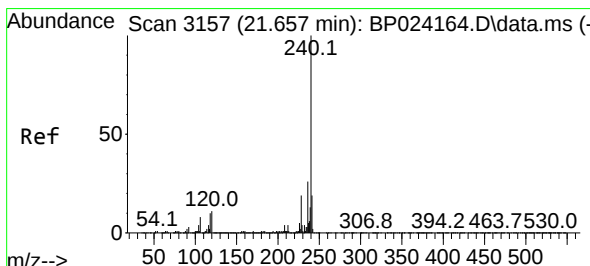
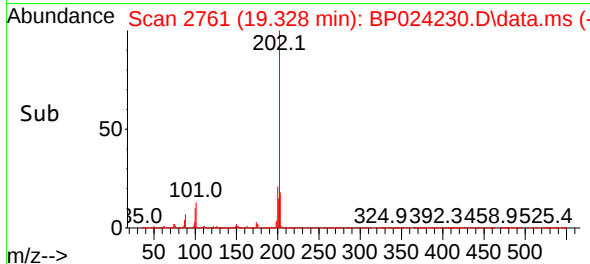
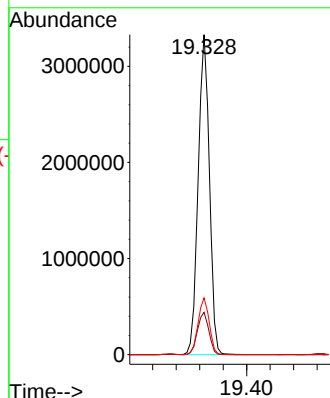
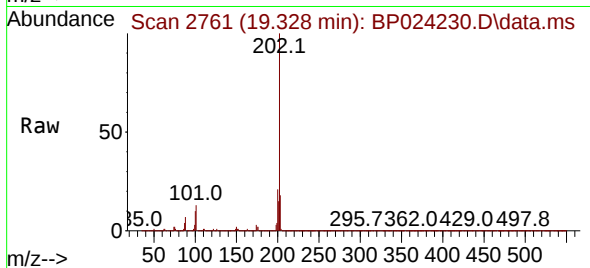
Tgt Ion:202 Resp: 4404664

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.5

203 17.8 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.657 min Scan# 3157

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

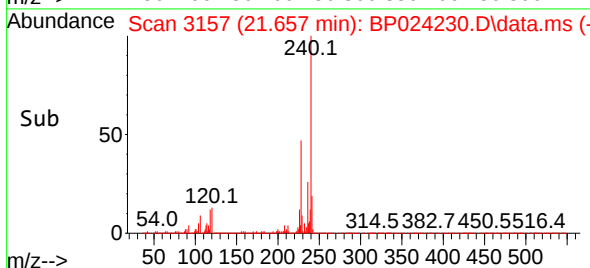
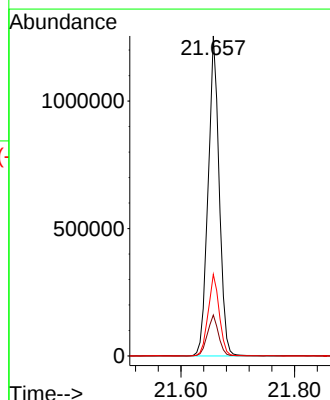
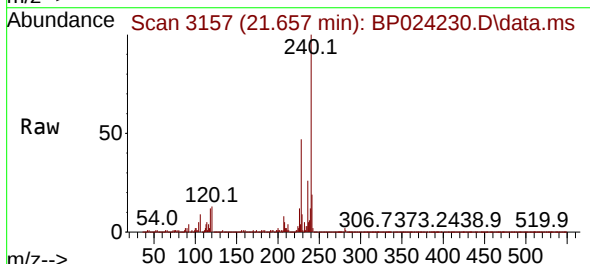
Tgt Ion:240 Resp: 1694537

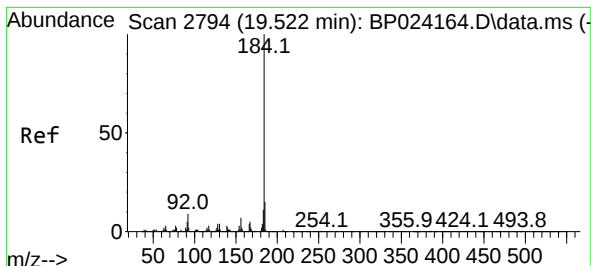
Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 25.5 20.4 30.6





#77

Benzidine

Concen: 117.832 ng

RT: 19.522 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

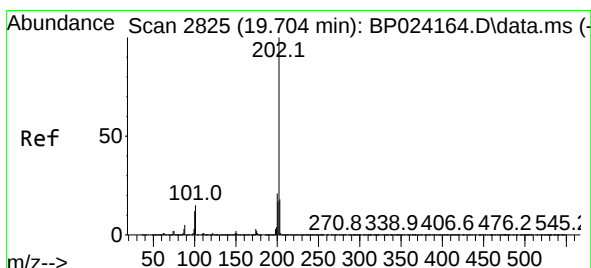
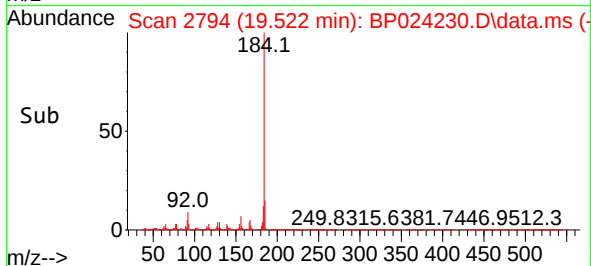
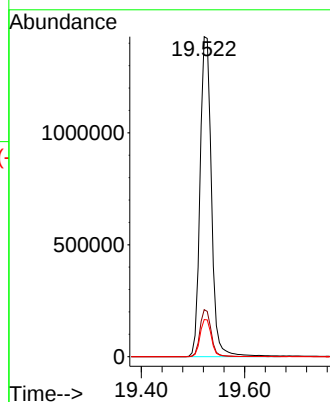
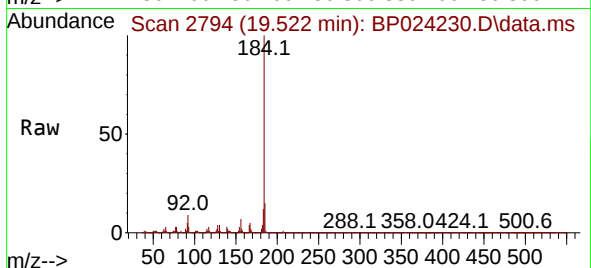
Tgt Ion:184 Resp: 2183083

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

183 11.6 9.1 13.7



#78

Pyrene

Concen: 43.904 ng

RT: 19.704 min Scan# 2825

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

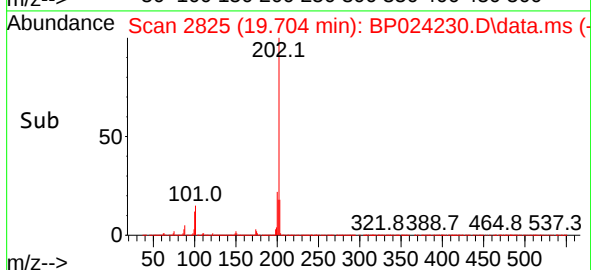
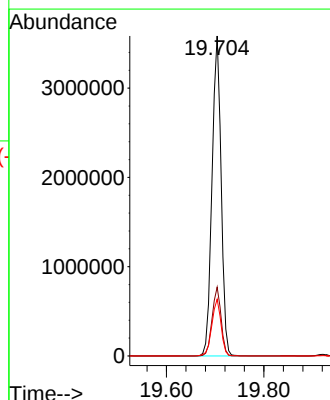
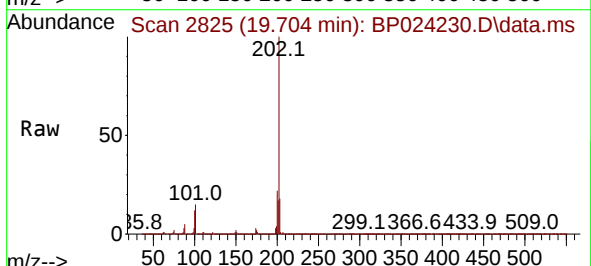
Tgt Ion:202 Resp: 4625199

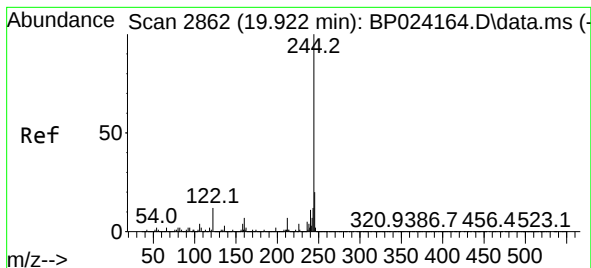
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 84.203 ng

RT: 19.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

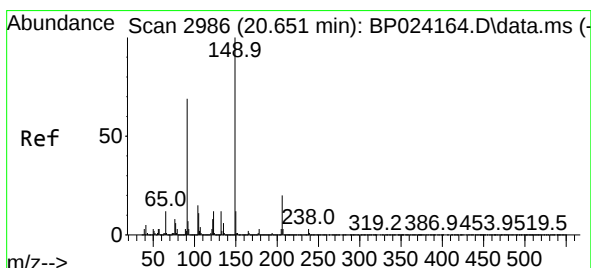
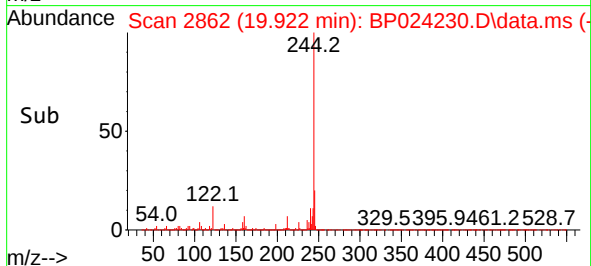
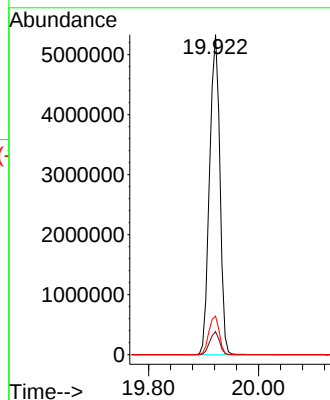
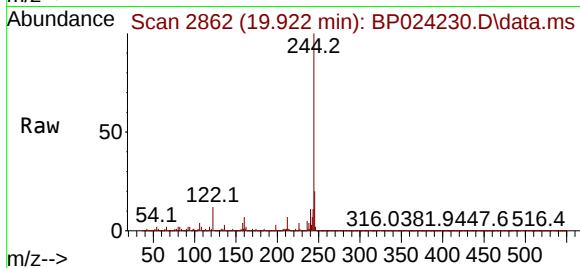
Tgt Ion:244 Resp: 6912295

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 12.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 48.727 ng

RT: 20.657 min Scan# 2987

Delta R.T. 0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

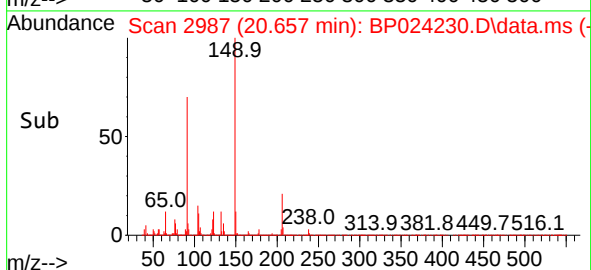
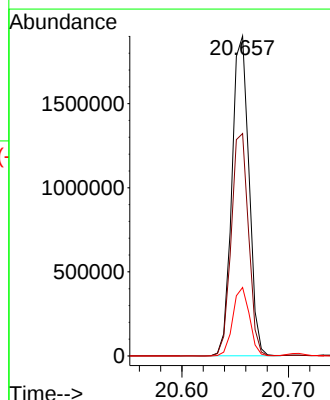
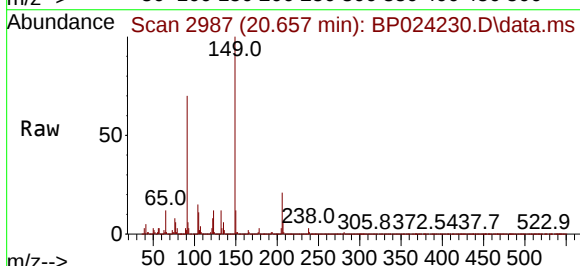
Tgt Ion:149 Resp: 2116903

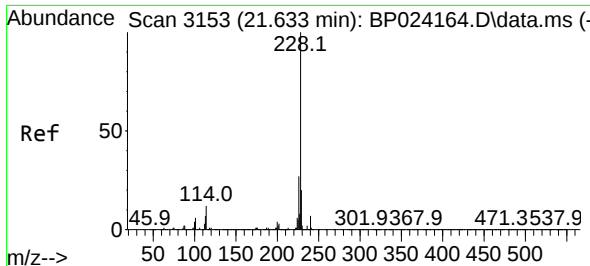
Ion Ratio Lower Upper

149 100

91 69.5 55.3 82.9

206 21.4 16.1 24.1

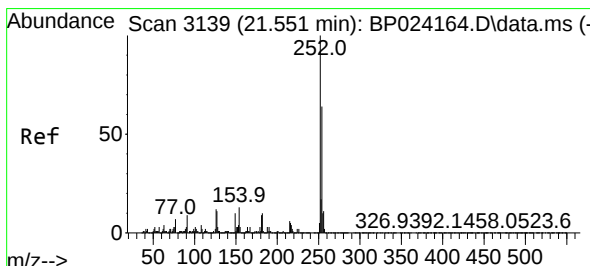
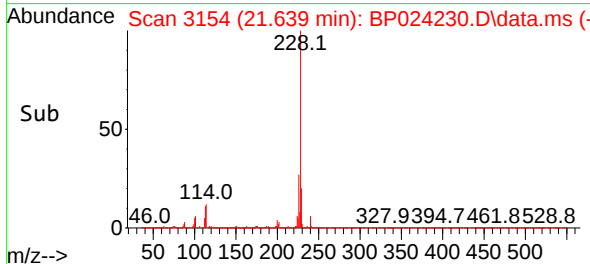
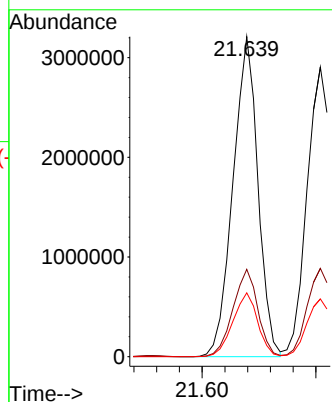
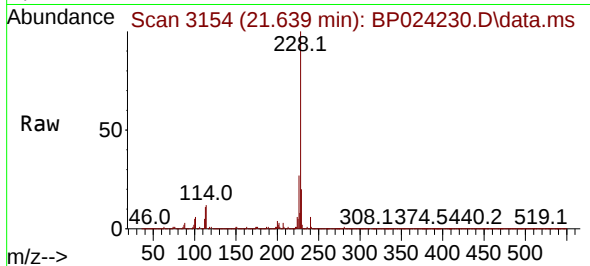




#81
Benzo(a)anthracene
Concen: 46.349 ng
RT: 21.639 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

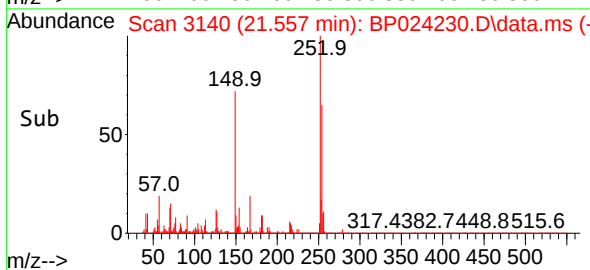
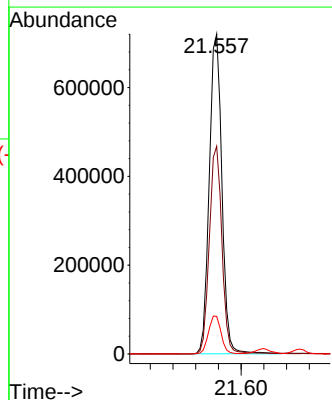
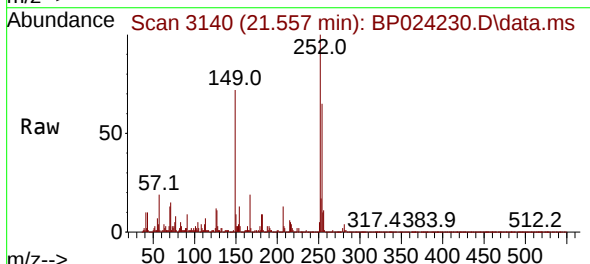
Instrument :
BNA_P
ClientSampleId :
PB167474BS

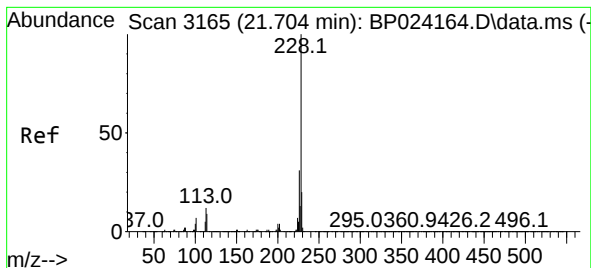
Tgt Ion:228 Resp: 4883043
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 31.307 ng
RT: 21.557 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:252 Resp: 1105454
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 11.8 9.3 13.9





#83

Chrysene

Concen: 44.432 ng

RT: 21.704 min Scan# 3165

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

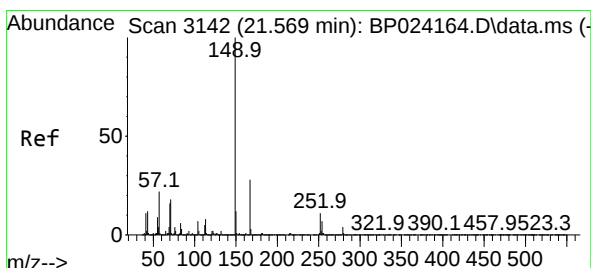
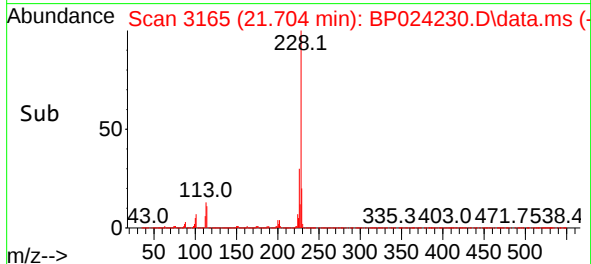
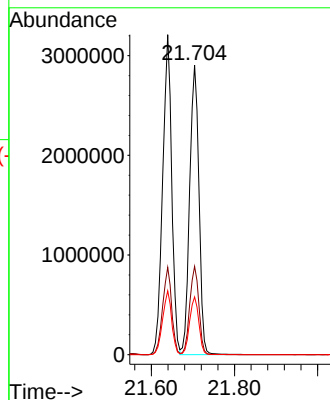
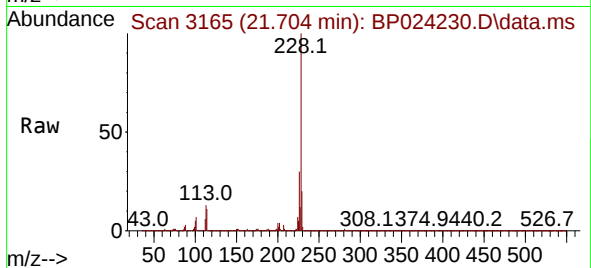
Tgt Ion:228 Resp: 4500018

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.9 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.012 ng

RT: 21.575 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

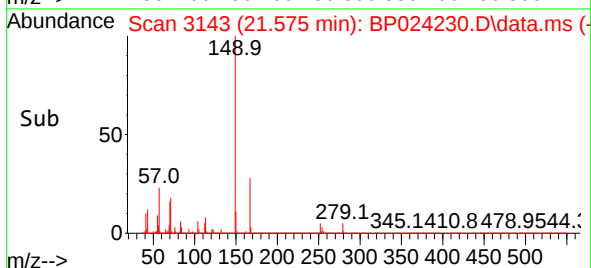
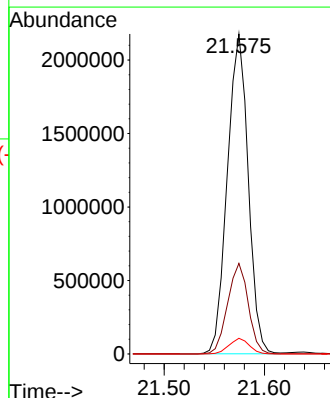
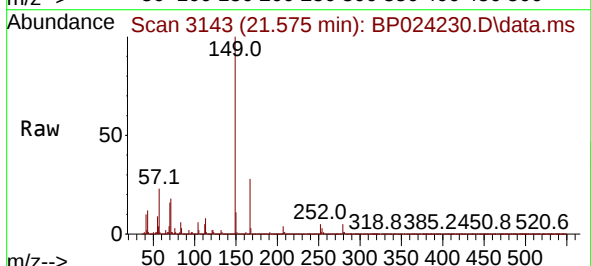
Tgt Ion:149 Resp: 3147305

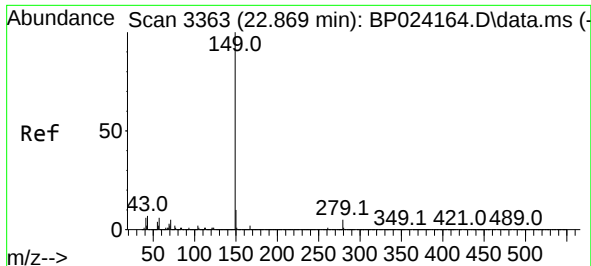
Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.9 3.6 5.4

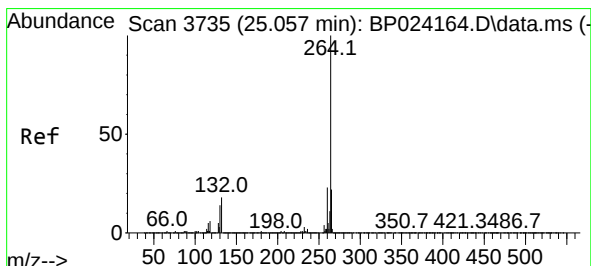
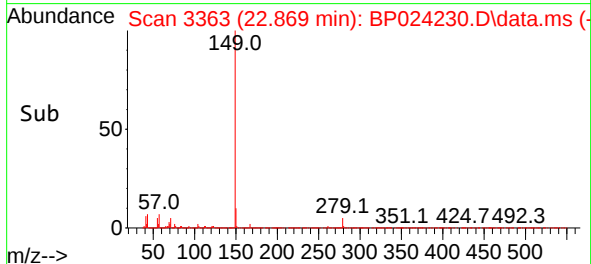
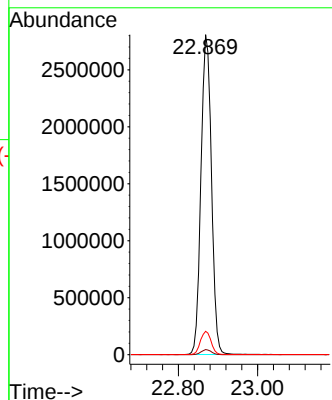
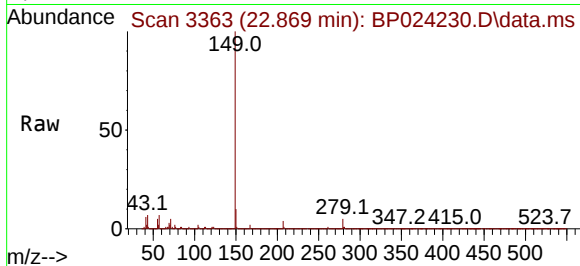




#85
Di-n-octyl phthalate
Concen: 48.983 ng
RT: 22.869 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

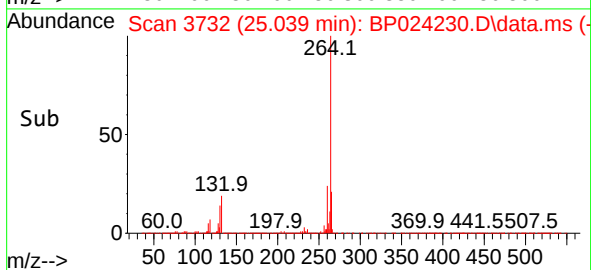
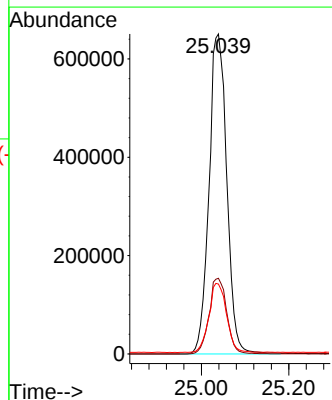
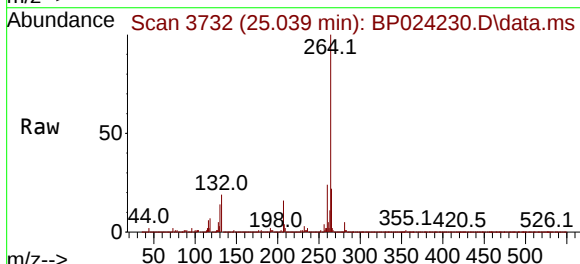
Instrument :
BNA_P
ClientSampleId :
PB167474BS

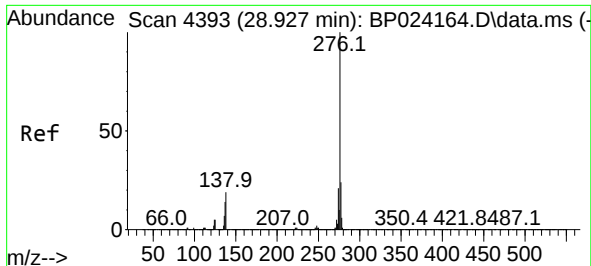
Tgt Ion:149 Resp: 5144569
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.039 min Scan# 3732
Delta R.T. -0.018 min
Lab File: BP024230.D
Acq: 09 Apr 2025 11:29

Tgt Ion:264 Resp: 1835262
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.9 17.7 26.5

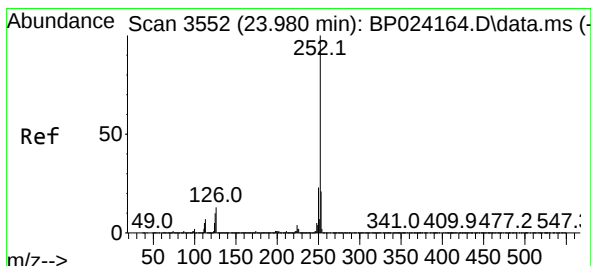
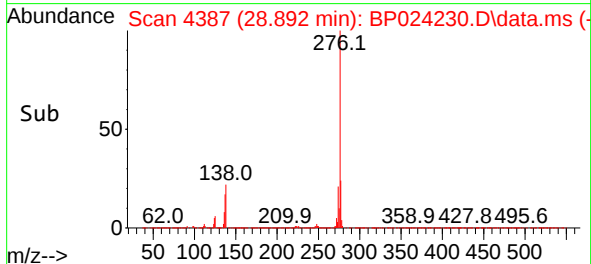
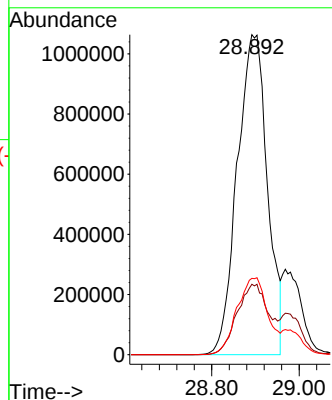
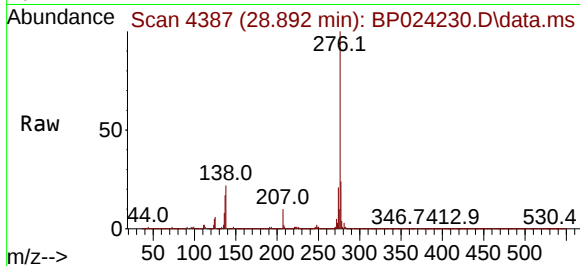




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.830 ng
 RT: 28.892 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: BP024230.D
 Acq: 09 Apr 2025 11:29

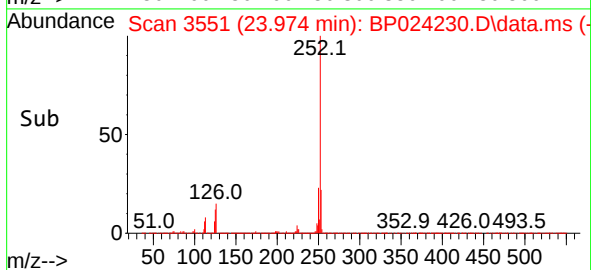
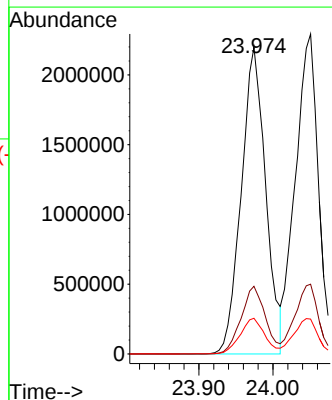
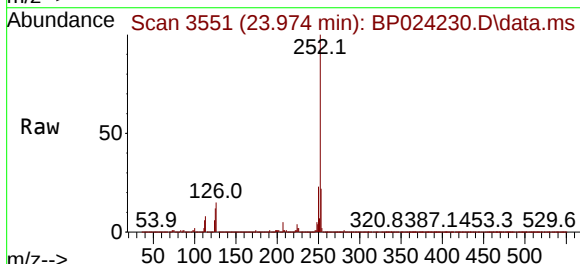
Instrument :
 BNA_P
 ClientSampleId :
 PB167474BS

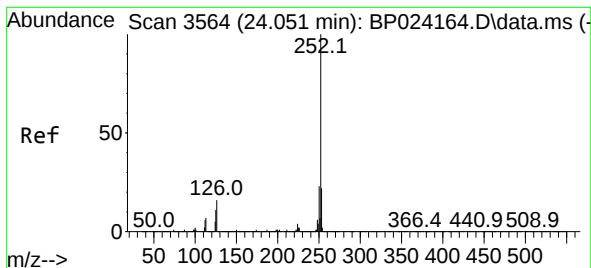
Tgt Ion:276 Resp: 5101751
 Ion Ratio Lower Upper
 276 100
 138 23.2 13.7 20.5#
 277 24.6 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 45.483 ng
 RT: 23.974 min Scan# 3551
 Delta R.T. -0.006 min
 Lab File: BP024230.D
 Acq: 09 Apr 2025 11:29

Tgt Ion:252 Resp: 5032952
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 11.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.075 ng

RT: 24.051 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

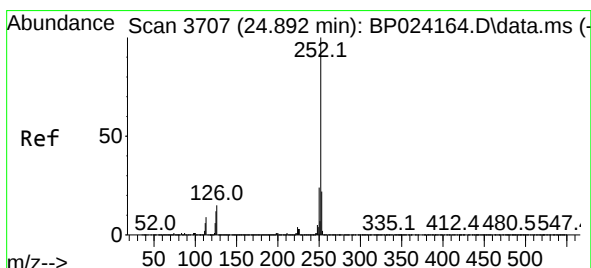
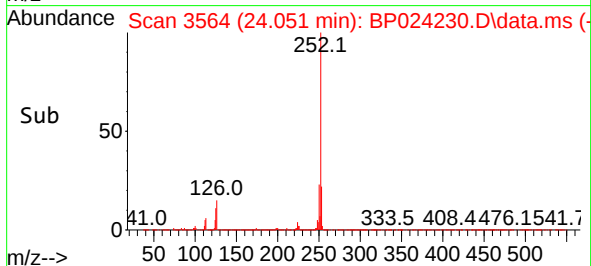
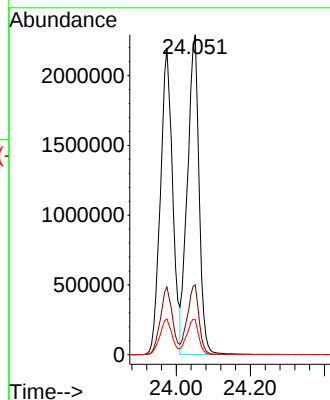
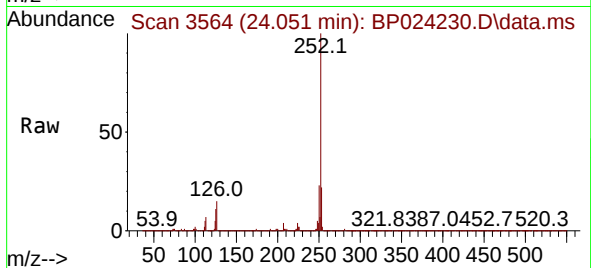
Tgt Ion:252 Resp: 4987266

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.9 9.1 13.7



#90

Benzo(a)pyrene

Concen: 49.910 ng

RT: 24.886 min Scan# 3706

Delta R.T. -0.006 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

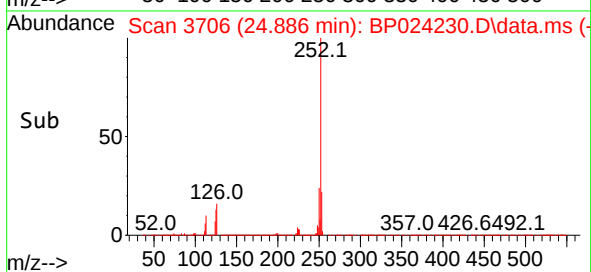
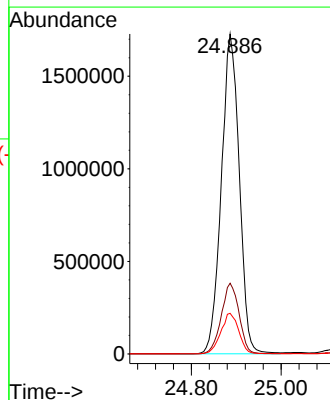
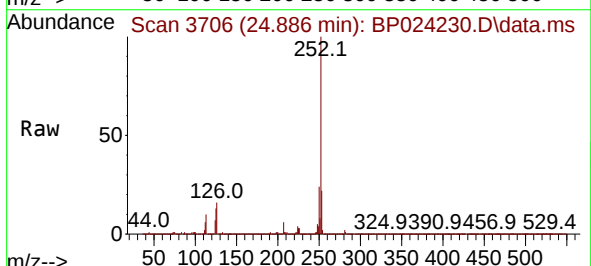
Tgt Ion:252 Resp: 4802426

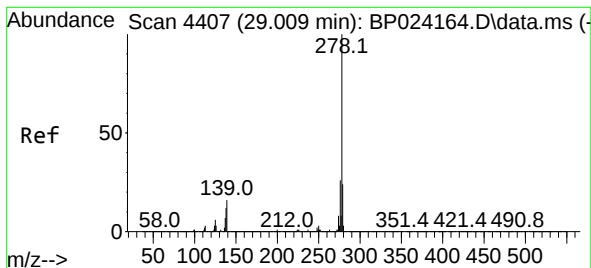
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 12.7 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 46.121 ng

RT: 28.980 min Scan# 4407

Delta R.T. -0.029 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Instrument :

BNA_P

ClientSampleId :

PB167474BS

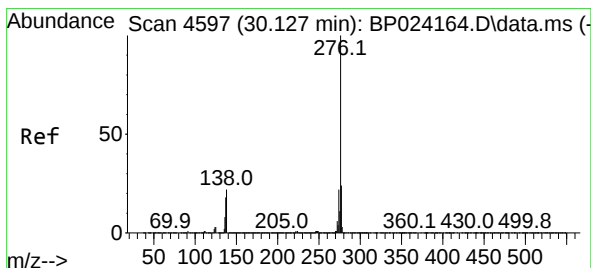
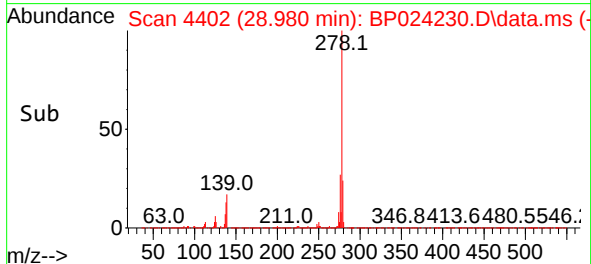
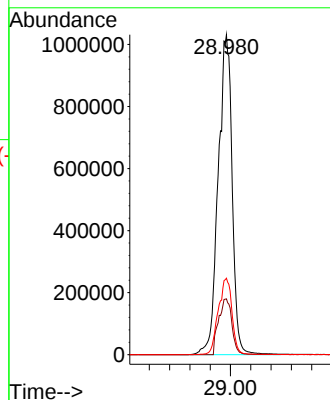
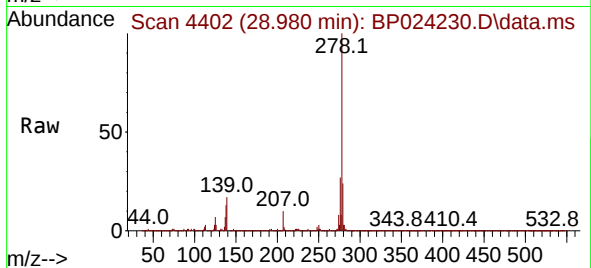
Tgt Ion:278 Resp: 4914699

Ion Ratio Lower Upper

278 100

139 17.5 13.0 19.4

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 43.898 ng

RT: 30.109 min Scan# 4594

Delta R.T. -0.018 min

Lab File: BP024230.D

Acq: 09 Apr 2025 11:29

Tgt Ion:276 Resp: 4755305

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 23.5 17.4 26.2

