

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024621.D
 Acq On : 13 May 2025 15:26
 Operator : RC/JU
 Sample : SSTDIC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 13 16:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	584325	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	373575	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	713479	20.000	ng	0.00
76) Chrysene-d12	21.516	240	765954	20.000	ng	0.00
86) Perylene-d12	24.804	264	877352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1283582	163.250	ng	0.00
7) Phenol-d6	6.858	99	1670035	166.422	ng	0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.120	ng	0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.052	ng	0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.647	ng	0.00
79) Terphenyl-d14	19.816	244	7152255	160.113	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.698	ng	99
3) Pyridine	3.622	79	679364	82.984	ng	98
4) n-Nitrosodimethylamine	3.534	42	289012	79.965	ng	100
6) Aniline	7.005	93	1075238	82.991	ng	100
8) 2-Chlorophenol	7.240	128	740005	82.906	ng	99
9) Benzaldehyde	6.822	77	412028	63.537	ng	100
10) Phenol	6.887	94	859122	82.949	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.793	ng	100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.509	ng	100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.667	ng	98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.434	ng	99
15) Benzyl Alcohol	7.910	79	664684	87.163	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.749	ng	98
17) 2-Methylphenol	8.110	107	620901	83.583	ng	99
18) Hexachloroethane	8.728	117	306812	77.518	ng	97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.499	ng	98
20) 3+4-Methylphenols	8.440	107	852078	84.323	ng	99
22) Acetophenone	8.481	105	1147610	78.624	ng	# 99
24) Nitrobenzene	8.857	77	804153	79.016	ng	98
25) Isophorone	9.381	82	1593235	79.421	ng	100
26) 2-Nitrophenol	9.557	139	442185	88.668	ng	98
27) 2,4-Dimethylphenol	9.628	122	722439	82.165	ng	100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.984	ng	99
29) 2,4-Dichlorophenol	10.099	162	721701	84.703	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.688	ng	98
31) Naphthalene	10.487	128	2354789	77.766	ng	100
32) Benzoic acid	9.828	122	525308	80.150	ng	99
33) 4-Chloroaniline	10.599	127	1033865	84.612	ng	99
34) Hexachlorobutadiene	10.769	225	481140	77.354	ng	97
35) Caprolactam	11.416	113	257252	83.498	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.745	ng	99
37) 2-Methylnaphthalene	12.093	142	1529445	78.006	ng	100
38) 1-Methylnaphthalene	12.322	142	1613775	76.924	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.728	ng	100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.536	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.581	ng	99

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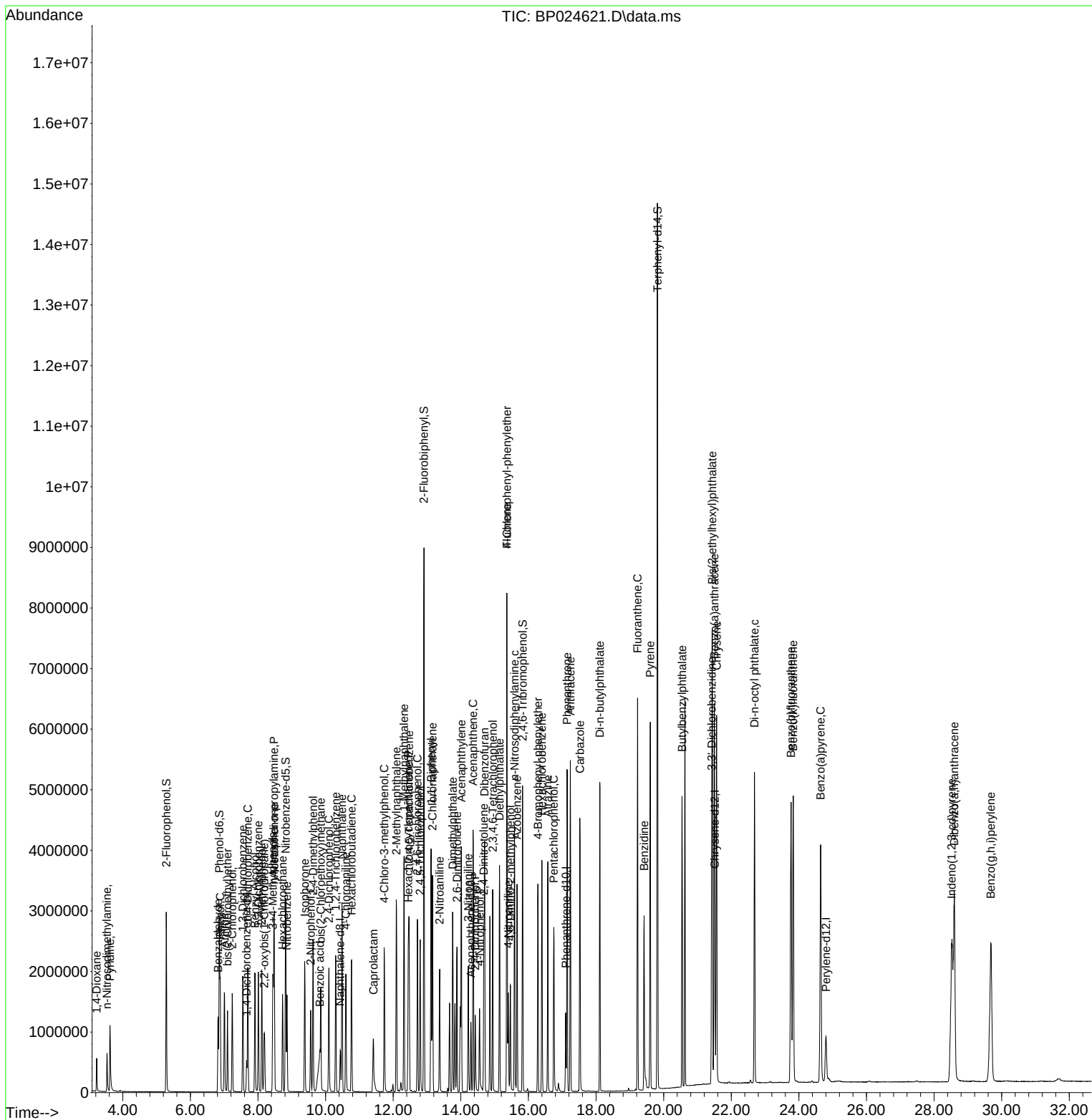
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 ClientSampleId :

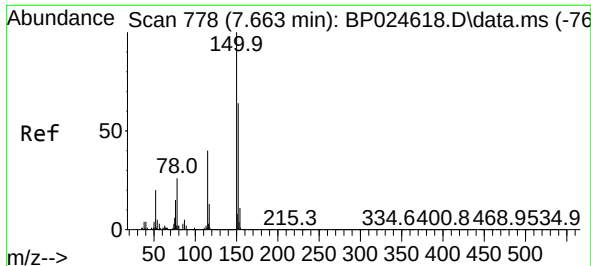
Quant Time: May 13 16:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.052	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.795	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.991	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.218	ng	97
49) Acenaphthylene	14.016	152	2773742	78.729	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.644	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.255	ng	97
52) Acenaphthene	14.363	154	1572103	77.619	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.151	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.295	ng	98
55) Dibenzofuran	14.704	168	2477374	76.684	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.271	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.005	ng	97
58) Fluorene	15.363	166	2003709	76.064	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.172	ng	98
60) Diethylphthalate	15.145	149	2193488	76.218	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.958	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.237	ng	99
63) Azobenzene	15.663	77	1858146	75.474	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.013	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.104	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.432	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.179	ng	99
69) Atrazine	16.575	200	645877	80.420	ng	99
70) Pentachlorophenol	16.751	266	548492	91.410	ng	99
71) Phenanthrene	17.145	178	3091665	77.948	ng	99
72) Anthracene	17.239	178	3161669	79.228	ng	99
73) Carbazole	17.522	167	2892236	80.076	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.684	ng	99
75) Fluoranthene	19.228	202	3629085	78.274	ng	99
77) Benzidine	19.422	184	1678507	79.835	ng	100
78) Pyrene	19.604	202	3747276	81.650	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.344	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.629	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.207	ng	100
83) Chrysene	21.569	228	3615014	79.290	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.913	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.498	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	4374706	68.278	ng	# 91
88) Benzo(b)fluoranthene	23.768	252	4173798	83.113	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.397	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.694	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.260	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.083	ng	99

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

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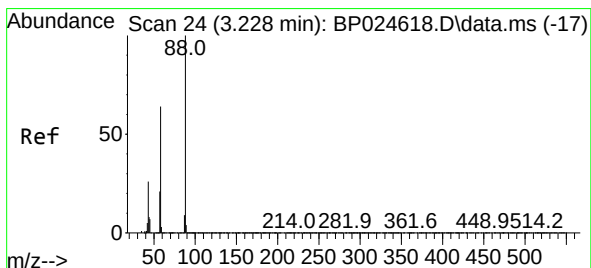
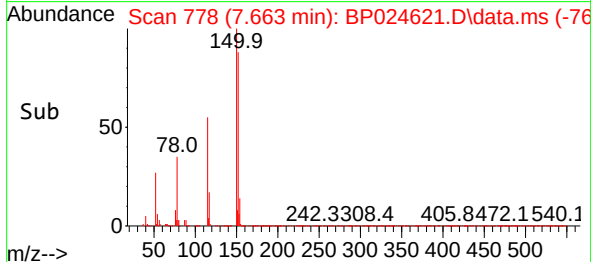
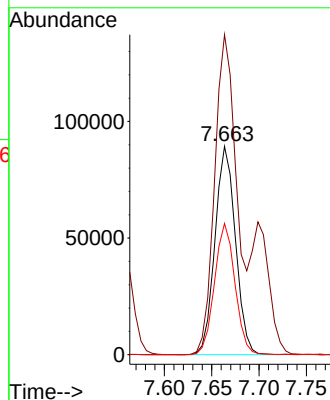
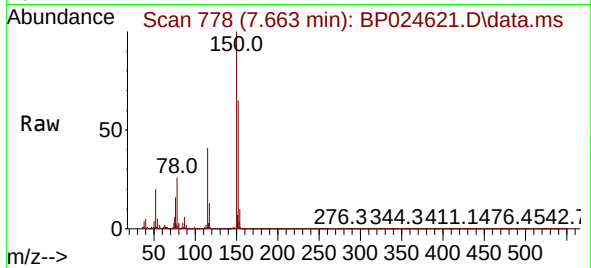




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

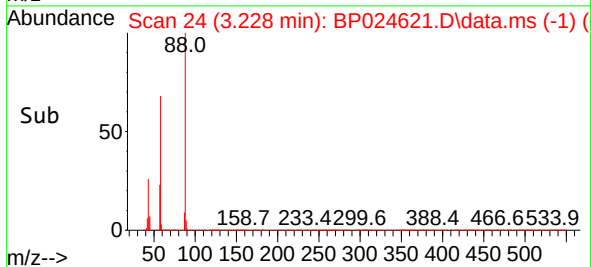
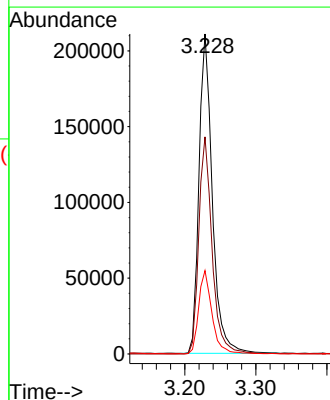
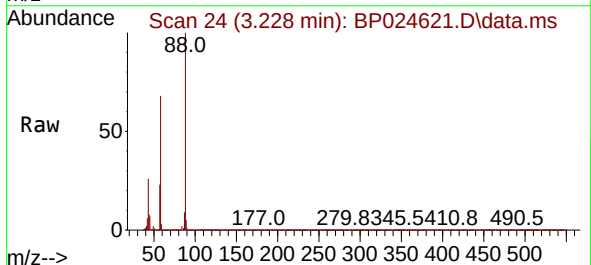
Instrument :
BNA_P
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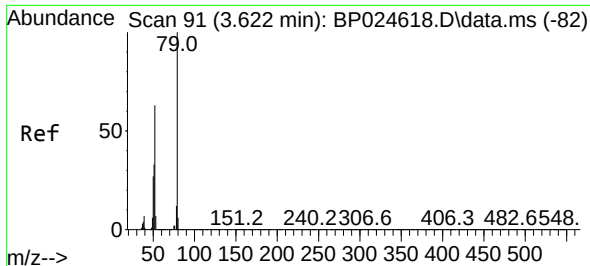
Tgt Ion:152 Resp: 134481
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 63.0 50.1 75.1



#2
1,4-Dioxane
Concen: 74.698 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 88 Resp: 275790
Ion Ratio Lower Upper
88 100
58 68.0 54.0 81.0
43 26.1 21.4 32.0



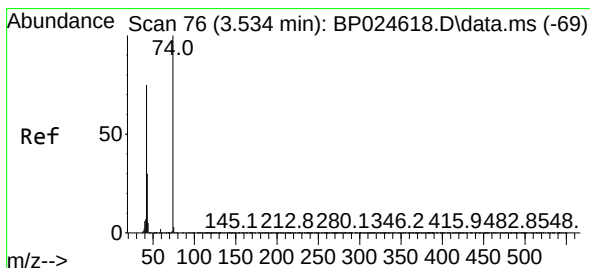
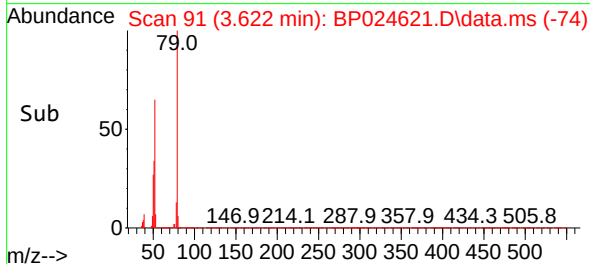
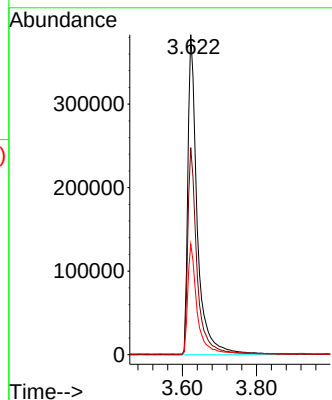
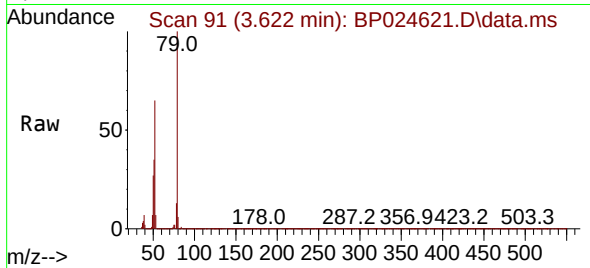


#3
 Pyridine
 Concen: 82.984 ng
 RT: 3.622 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP024621.D
 Acq: 13 May 2025 15:26

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion: 79 Resp: 679364

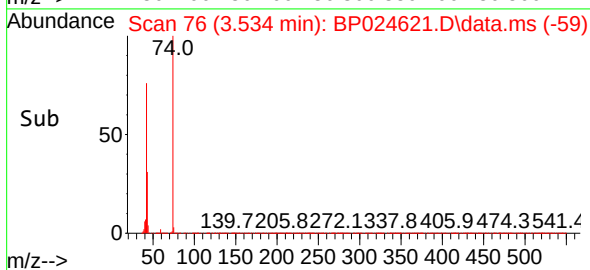
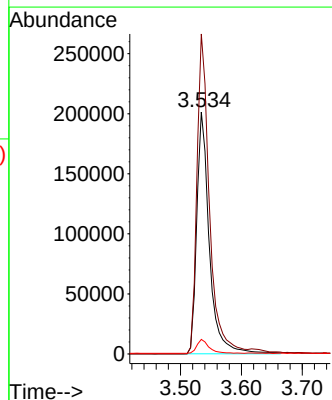
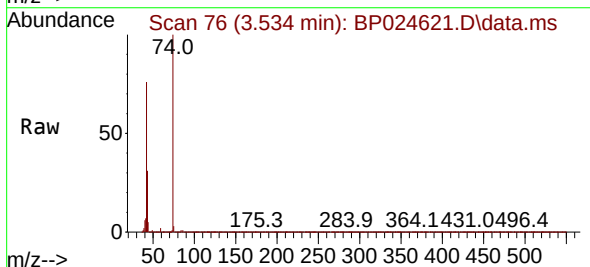
Ion	Ratio	Lower	Upper
79	100		
52	64.7	50.2	75.2
51	34.6	26.8	40.2

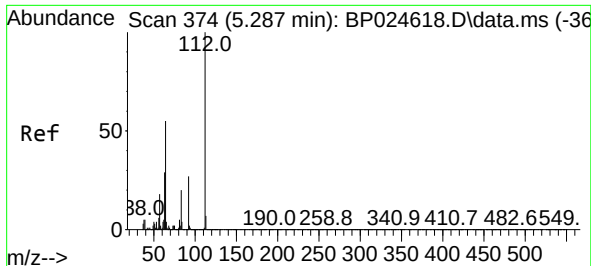


#4
 n-Nitrosodimethylamine
 Concen: 79.965 ng
 RT: 3.534 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: BP024621.D
 Acq: 13 May 2025 15:26

Tgt Ion: 42 Resp: 289012

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2

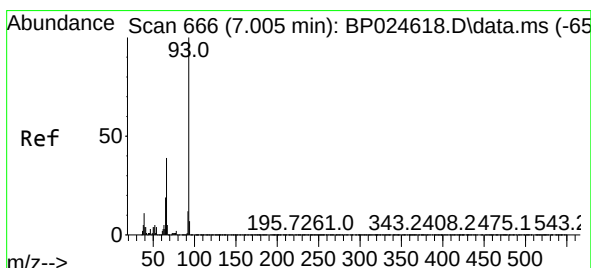
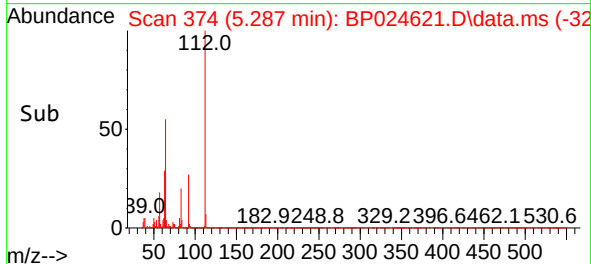
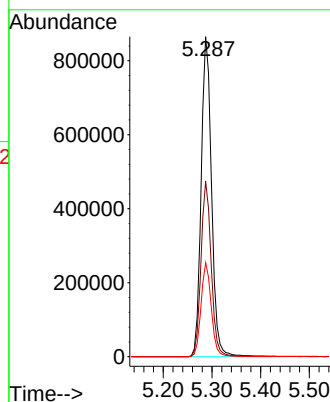
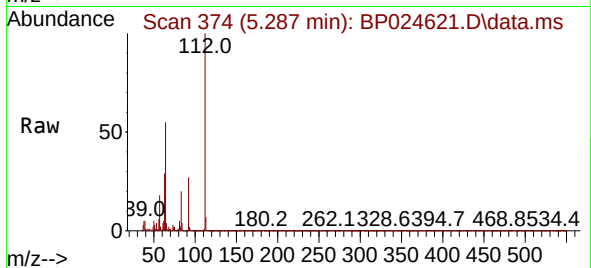




#5
2-Fluorophenol
Concen: 163.250 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

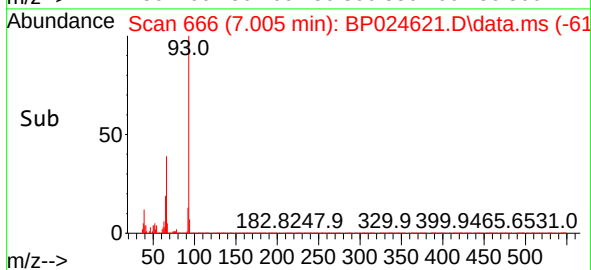
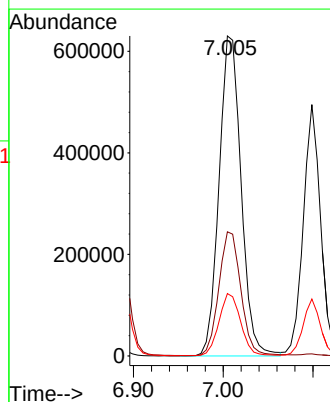
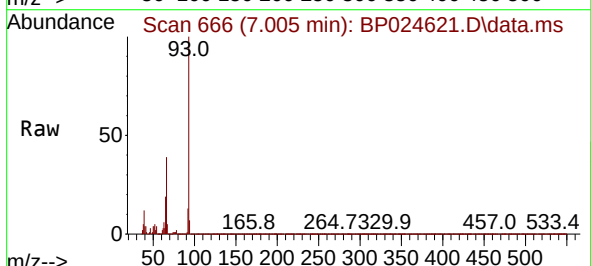
Instrument :
BNA_P
ClientSampleId :

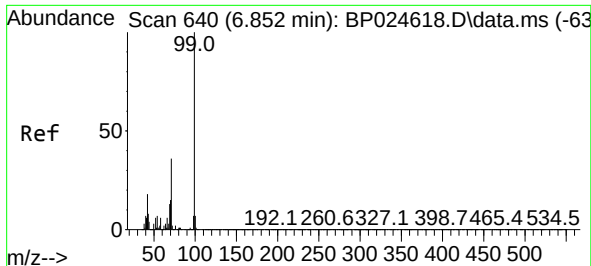
Tgt Ion:112 Resp: 1283582
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 29.4 23.5 35.3



#6
Aniline
Concen: 82.991 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 1075238
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3

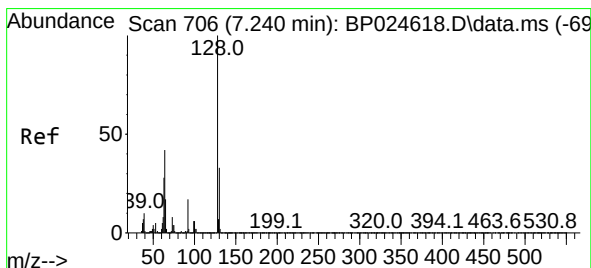
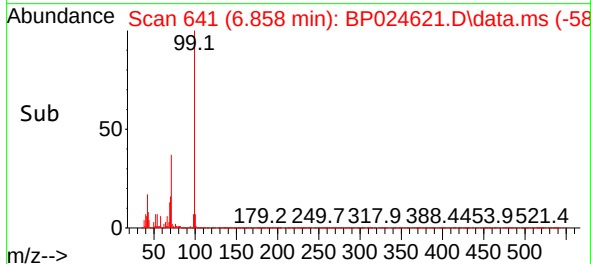
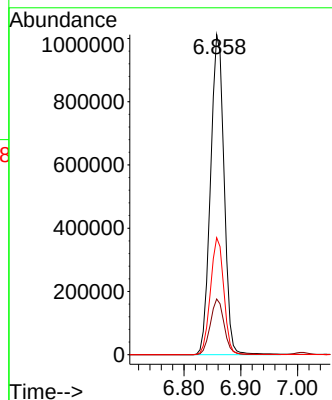
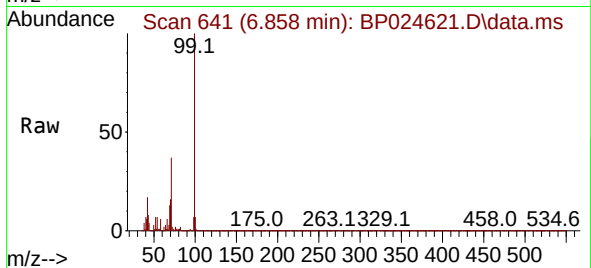




#7
Phenol-d6
Concen: 166.422 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

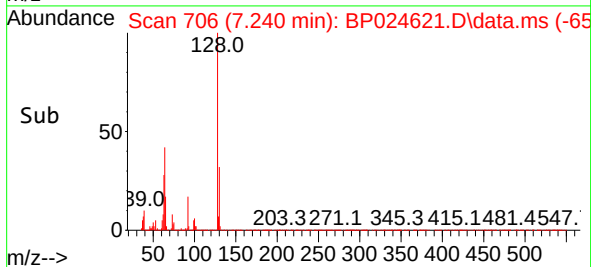
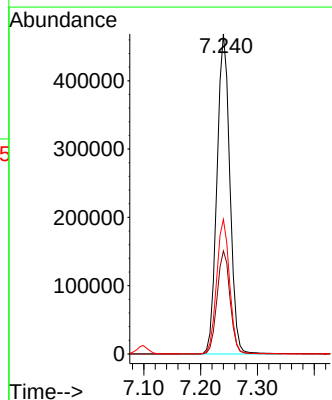
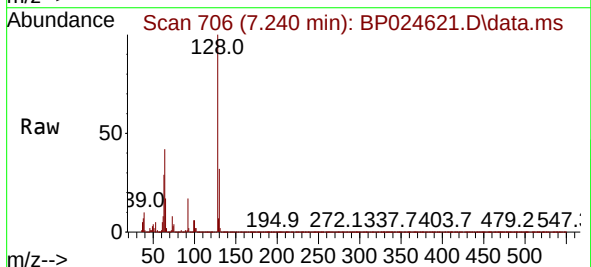
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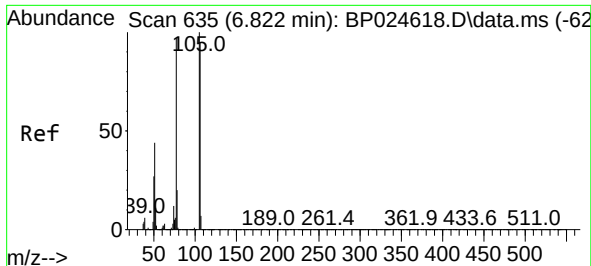
Tgt Ion: 99 Resp: 1670035
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 36.6 29.2 43.8



#8
2-Chlorophenol
Concen: 82.906 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:128 Resp: 740005
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 42.1 22.3 62.3

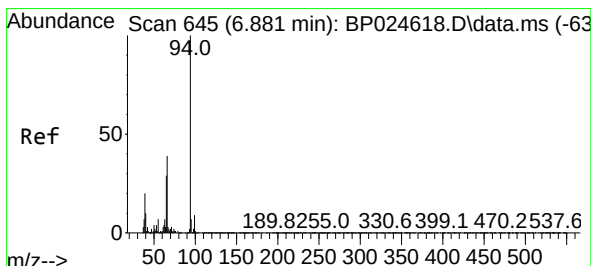
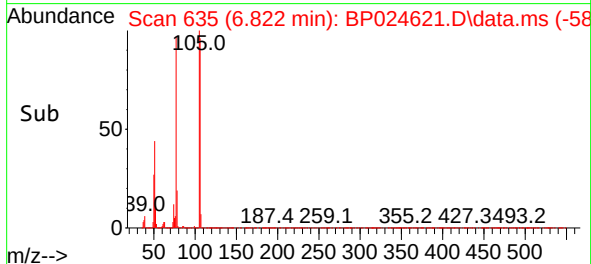
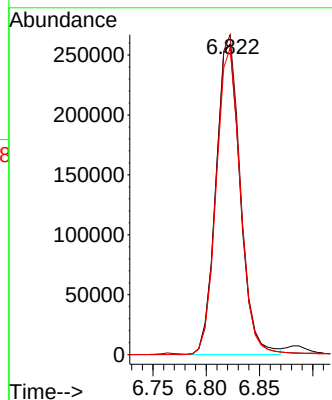
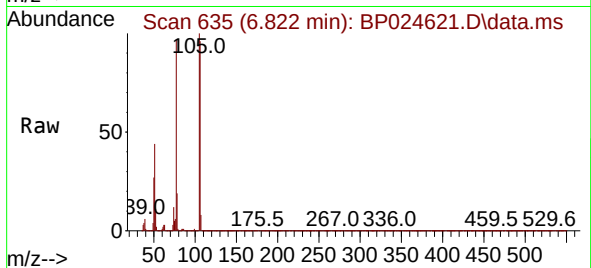




#9
Benzaldehyde
Concen: 63.537 ng
RT: 6.822 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

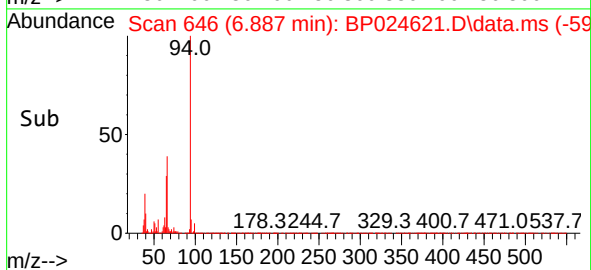
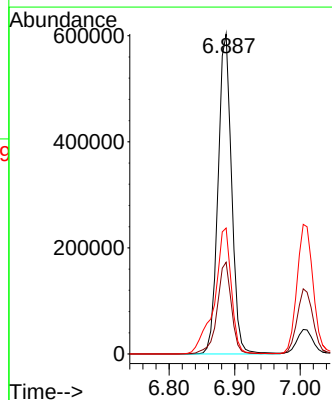
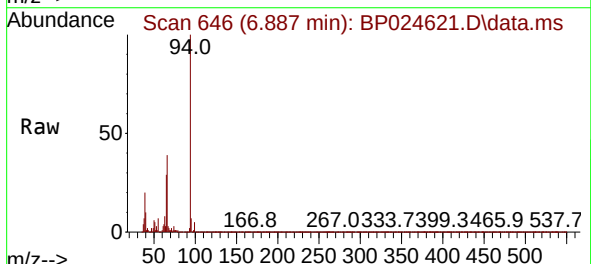
Instrument :
BNA_P
ClientSampleId :

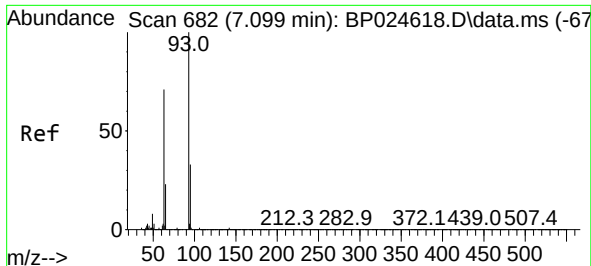
Tgt Ion: 77 Resp: 412028
Ion Ratio Lower Upper
77 100
105 103.1 83.3 123.3
106 98.7 78.0 118.0



#10
Phenol
Concen: 82.949 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

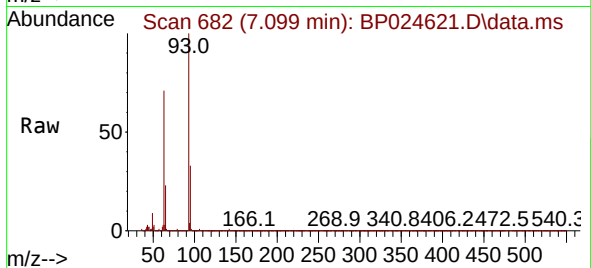
Tgt Ion: 94 Resp: 859122
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 39.3 19.4 59.4



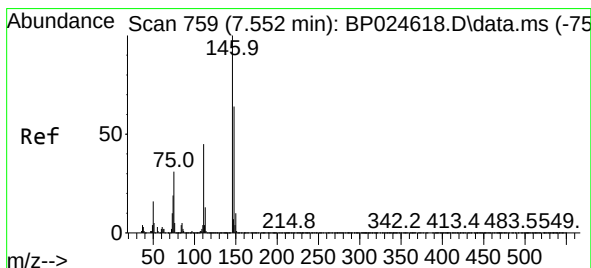
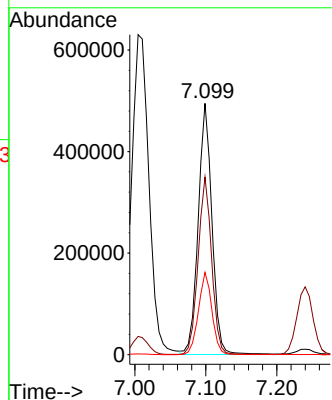
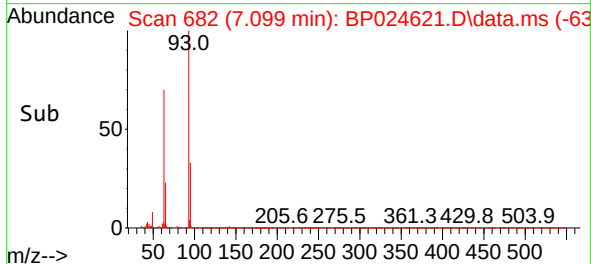


#11
bis(2-Chloroethyl)ether
Concen: 78.793 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :

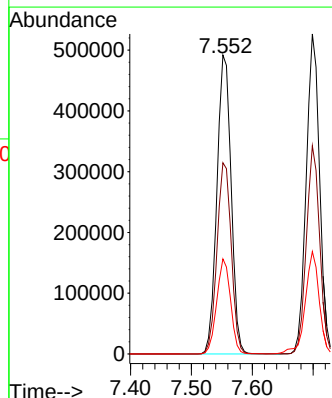
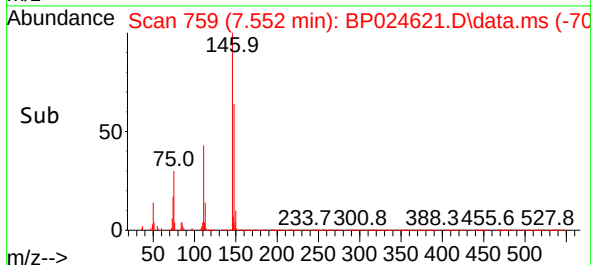
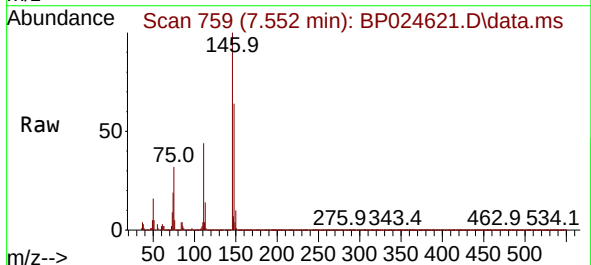


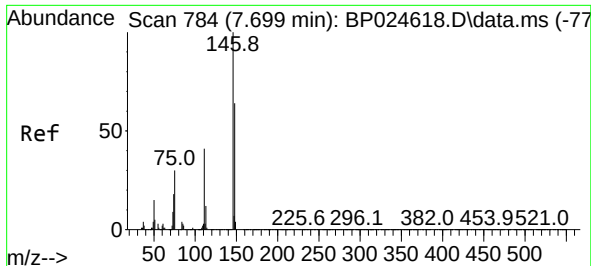
Tgt Ion: 93 Resp: 670572
Ion Ratio Lower Upper
93 100
63 70.6 50.6 90.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 77.509 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 146 Resp: 795953
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 31.8 25.2 37.8

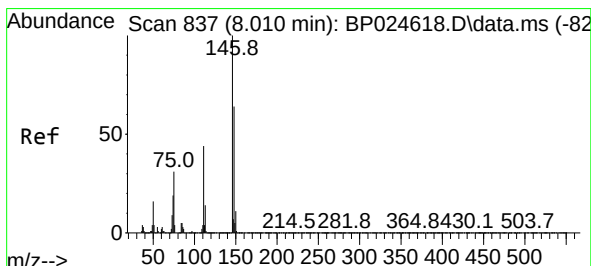
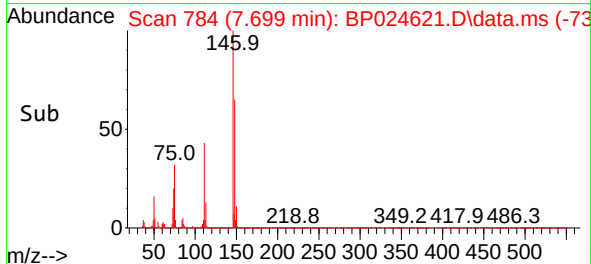
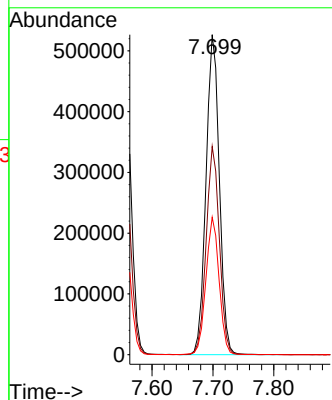
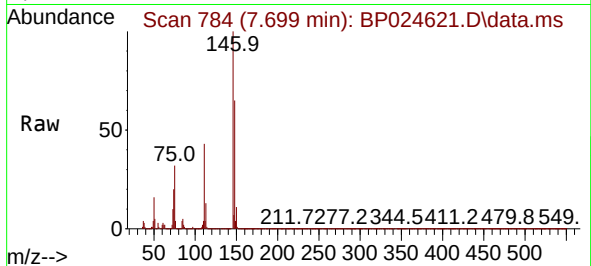




#13
1,4-Dichlorobenzene
Concen: 77.667 ng
RT: 7.699 min Scan# 784
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

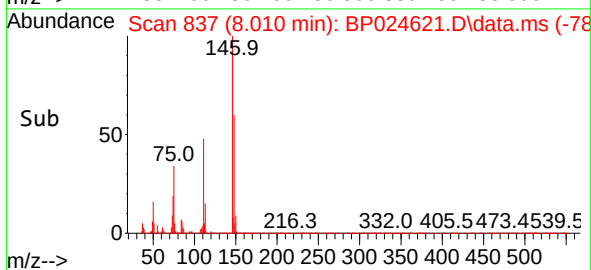
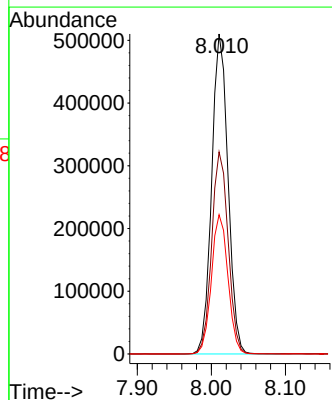
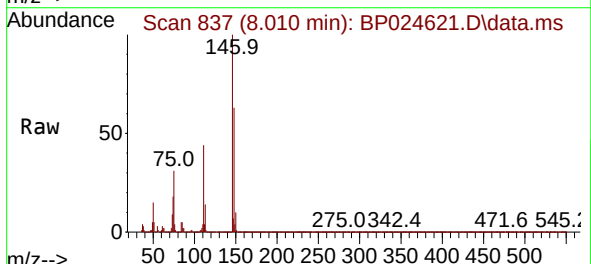
Instrument :
BNA_P
ClientSampleId :

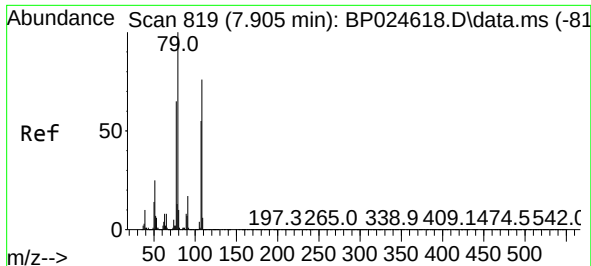
Tgt Ion:146 Resp: 802182
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
111 43.0 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 77.434 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 779316
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
111 43.5 35.2 52.8

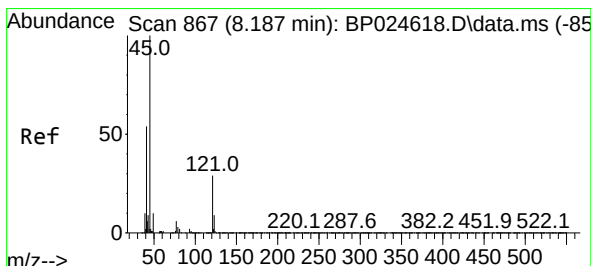
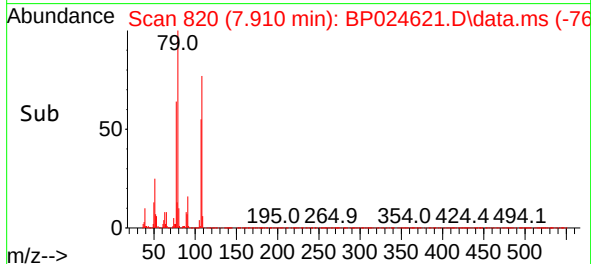
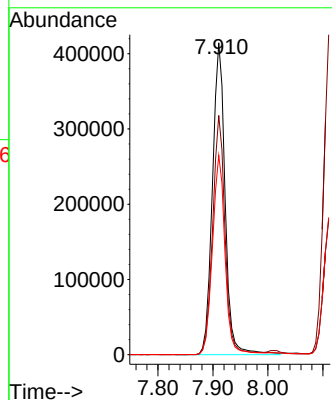
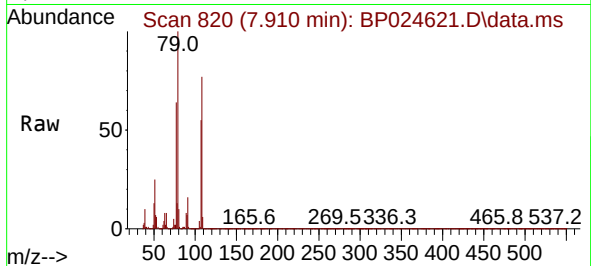




#15
Benzyl Alcohol
Concen: 87.163 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

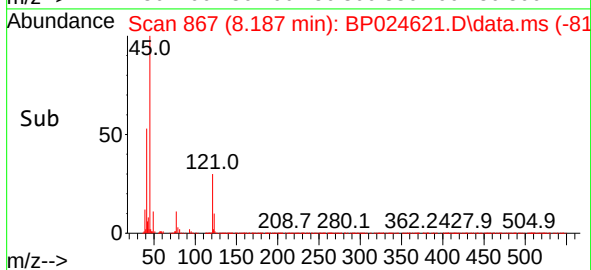
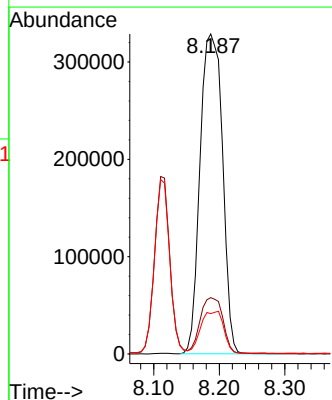
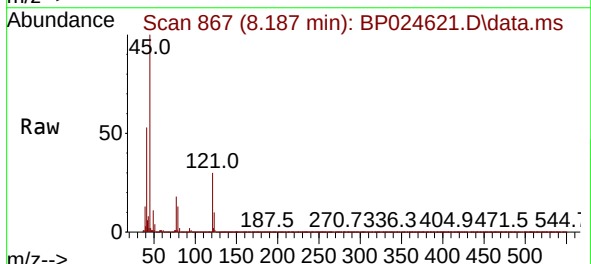
Instrument :
BNA_P
ClientSampleId :

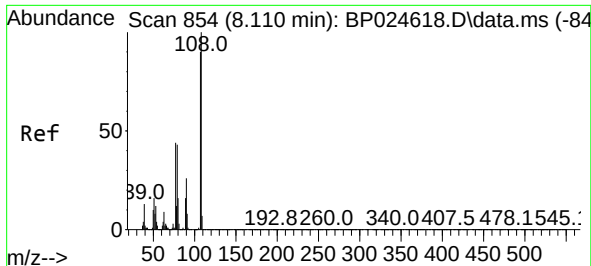
Tgt Ion: 79 Resp: 664684
Ion Ratio Lower Upper
79 100
108 76.7 60.8 91.2
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.749 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

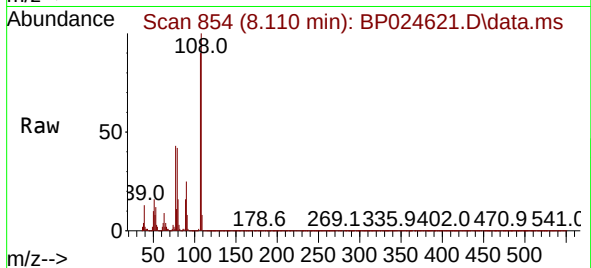
Tgt Ion: 45 Resp: 782240
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.7
79 12.6 0.0 34.0



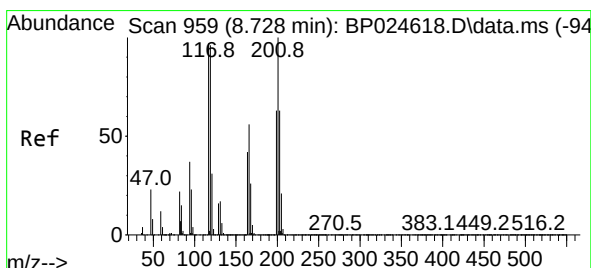
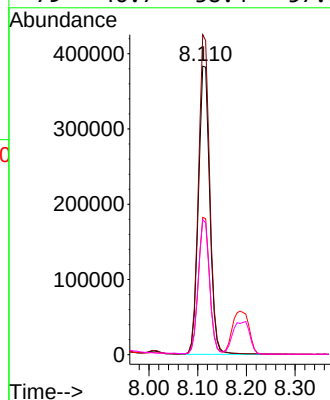
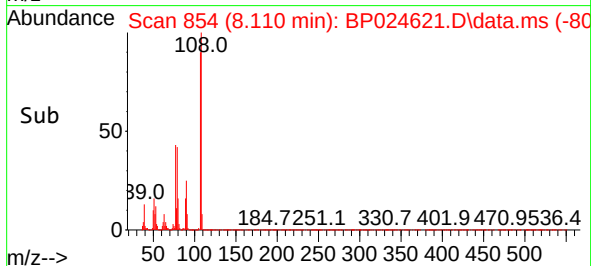


#17
2-Methylphenol
Concen: 83.583 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :

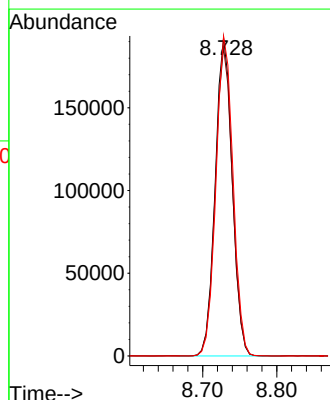
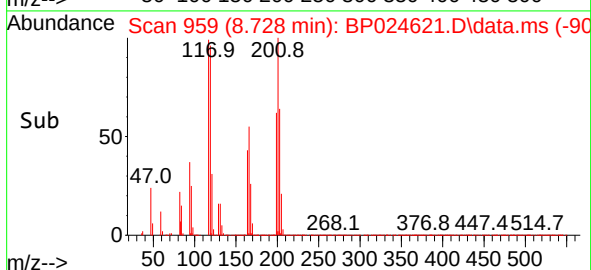
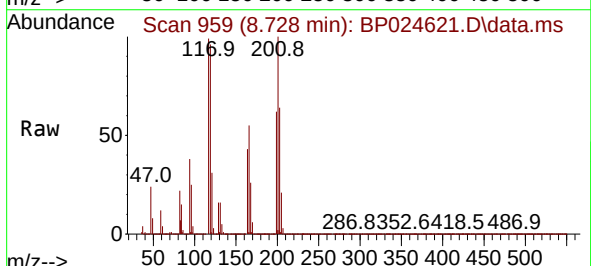


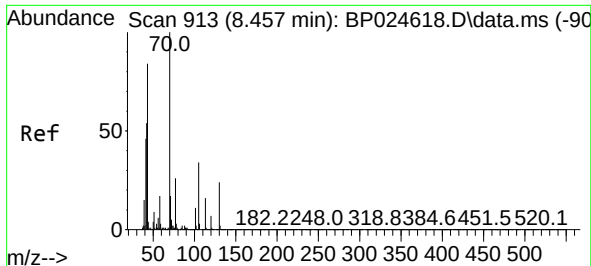
Tgt Ion:	107	Resp:	620901
Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.9	133.3
77	47.6	39.0	58.6
79	46.7	38.4	57.6



#18
Hexachloroethane
Concen: 77.518 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

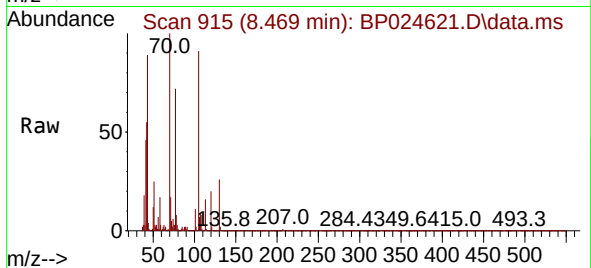
Tgt Ion:	117	Resp:	306812
Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.0
201	100.5	82.7	124.1



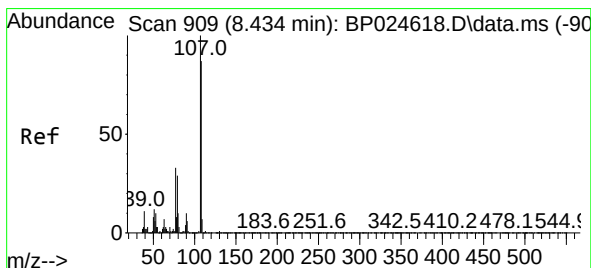
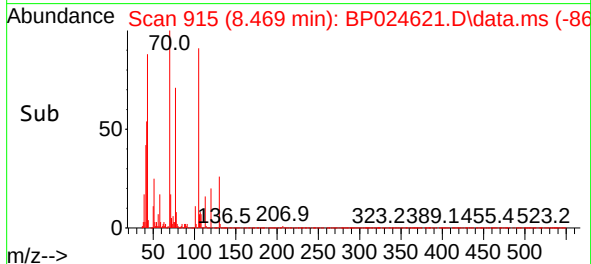
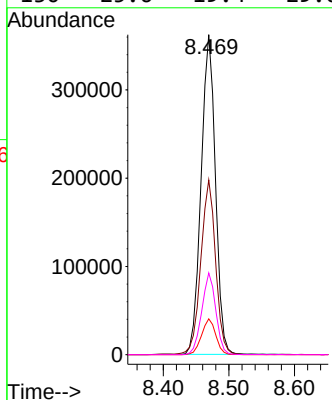


#19
n-Nitroso-di-n-propylamine
Concen: 79.499 ng
RT: 8.469 min Scan# 913
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :

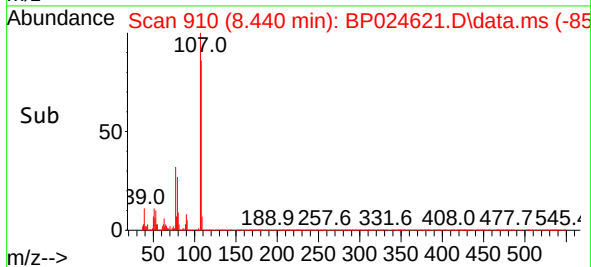
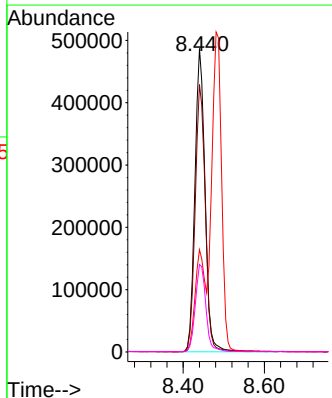
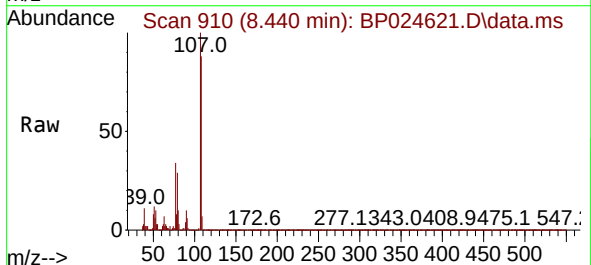


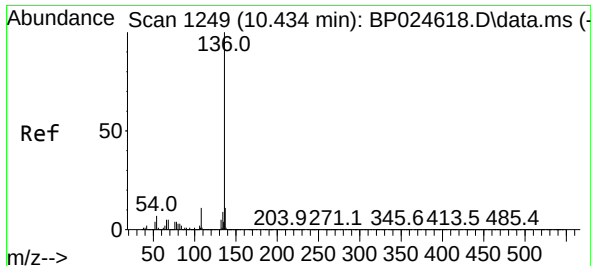
Tgt Ion: 70 Resp: 551845
Ion Ratio Lower Upper
70 100
42 54.6 43.0 64.6
101 11.2 8.7 13.1
130 25.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 84.323 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 107 Resp: 852078
Ion Ratio Lower Upper
107 100
108 88.1 66.7 106.7
77 33.7 13.1 53.1
79 28.8 8.9 48.9

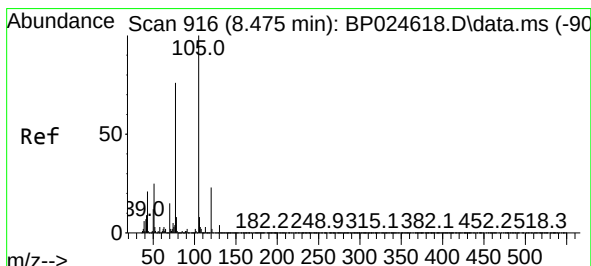
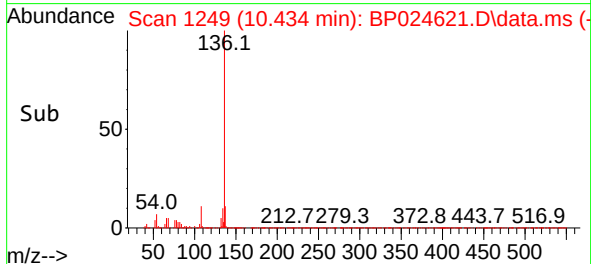
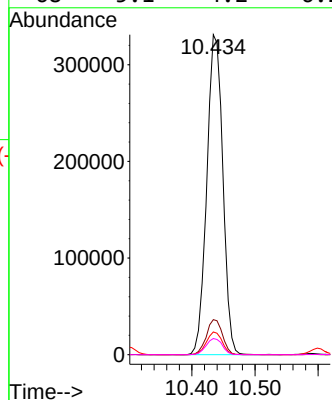
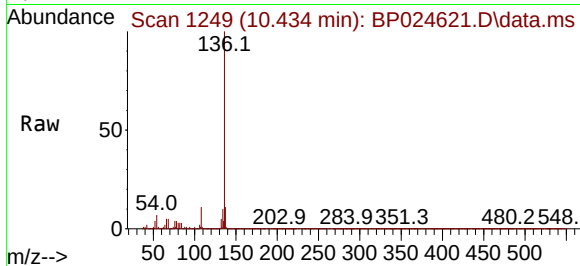




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

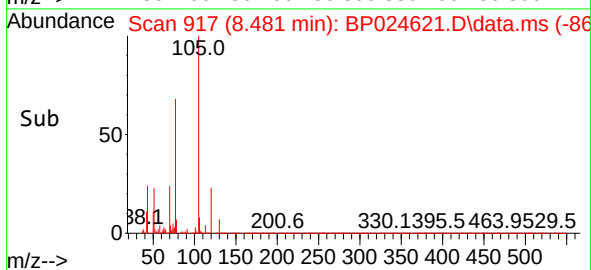
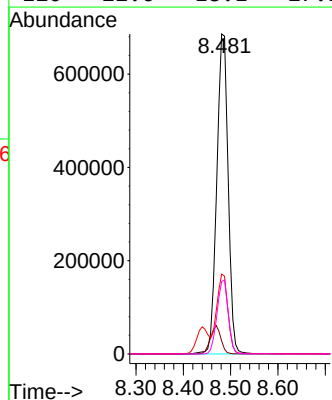
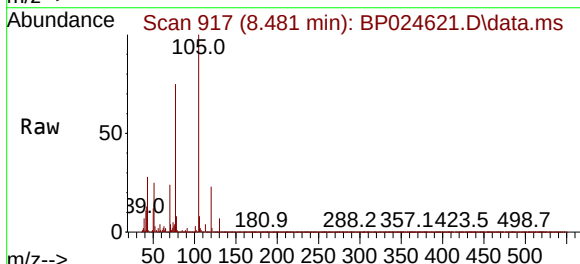
Instrument :
BNA_P
ClientSampleId :

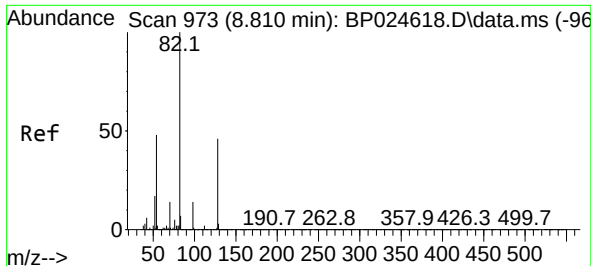
Tgt Ion:	136	Resp:	584325
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.1	5.5	8.3
68	5.1	4.2	6.2



#22
Acetophenone
Concen: 78.624 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:	105	Resp:	1147610
Ion Ratio	Lower	Upper	
105	100		
71	4.0	2.0	3.0#
51	25.0	20.4	30.6
120	22.6	18.1	27.1

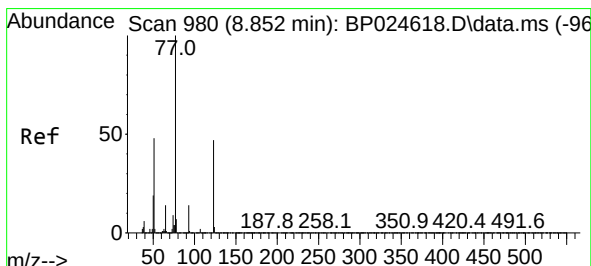
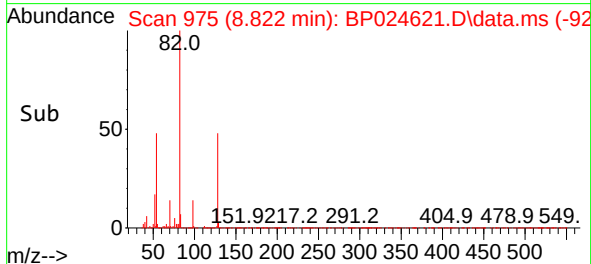
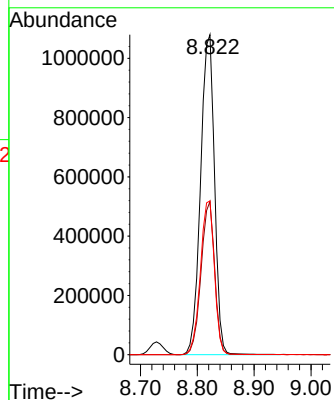
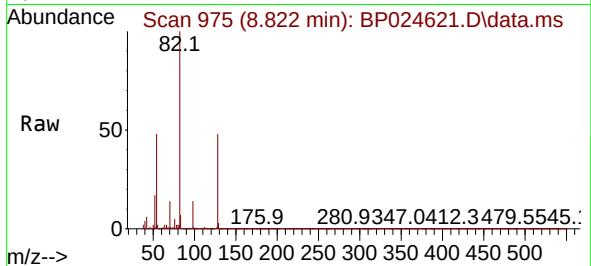




#23
Nitrobenzene-d5
Concen: 159.120 ng
RT: 8.822 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

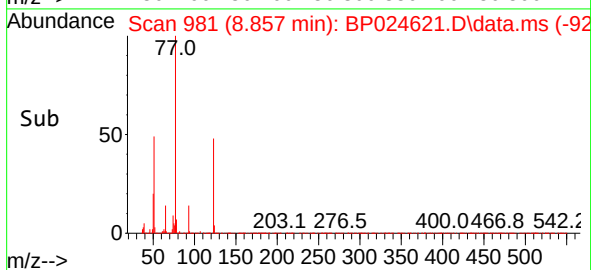
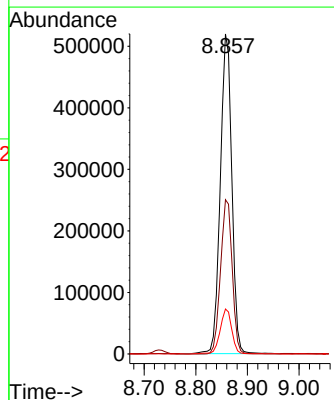
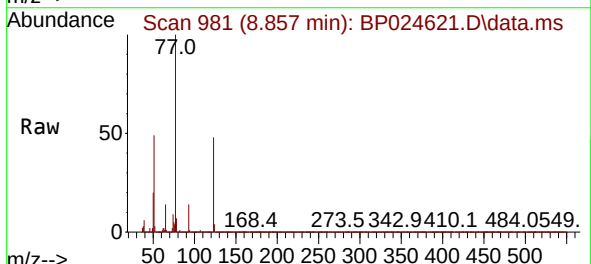
Instrument :
BNA_P
ClientSampleId :

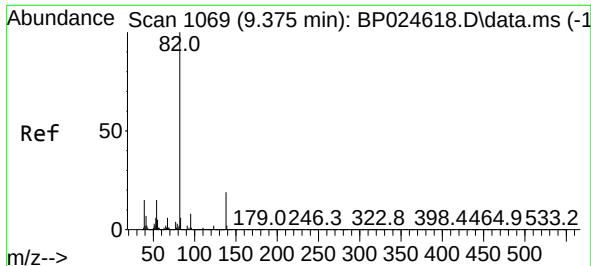
Tgt Ion: 82 Resp: 1840183
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 48.0 38.7 58.1



#24
Nitrobenzene
Concen: 79.016 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 77 Resp: 804153
Ion Ratio Lower Upper
77 100
123 48.2 37.4 56.0
65 14.0 11.3 16.9

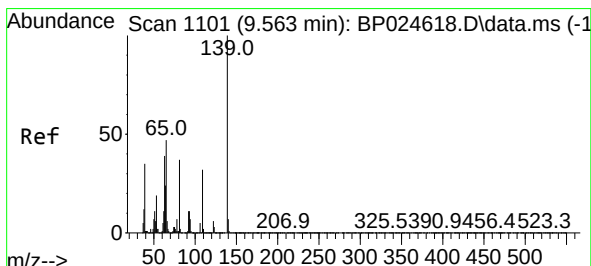
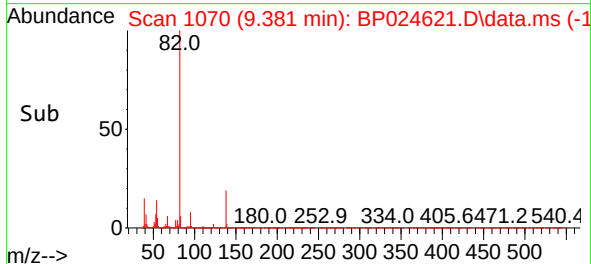
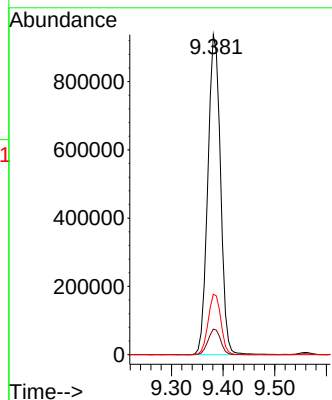
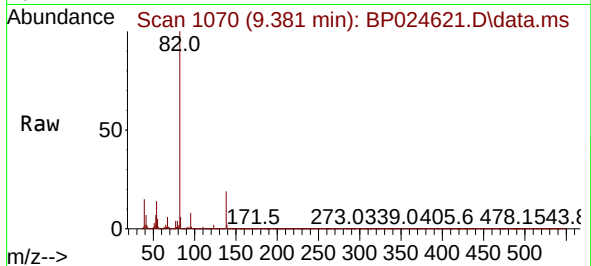




#25
Isophorone
Concen: 79.421 ng
RT: 9.381 min Scan# 1069
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

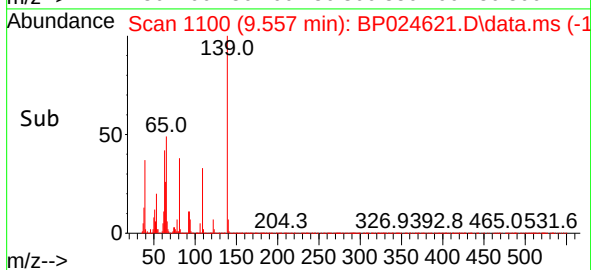
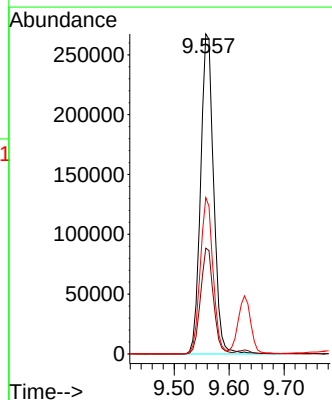
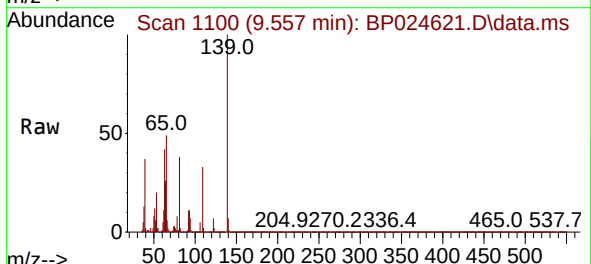
Instrument :
BNA_P
ClientSampleId :

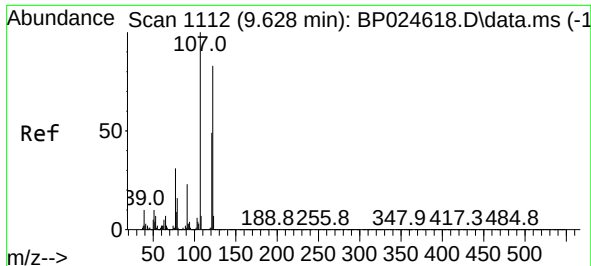
Tgt Ion: 82 Resp: 1593235
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 18.9 15.3 22.9



#26
2-Nitrophenol
Concen: 88.668 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 139 Resp: 442185
Ion Ratio Lower Upper
139 100
109 33.1 25.9 38.9
65 48.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 82.165 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

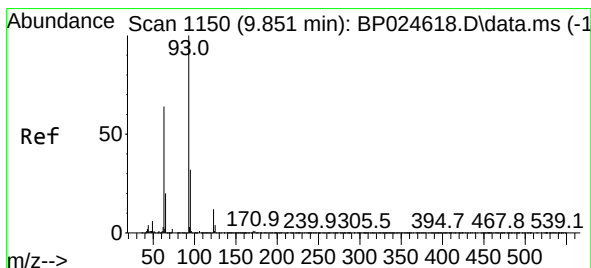
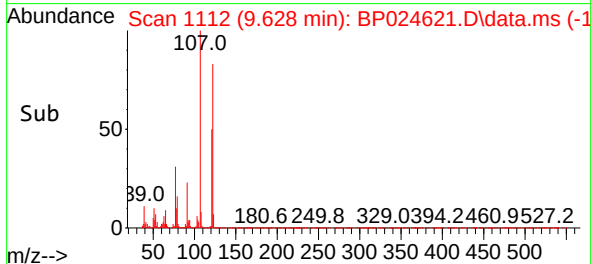
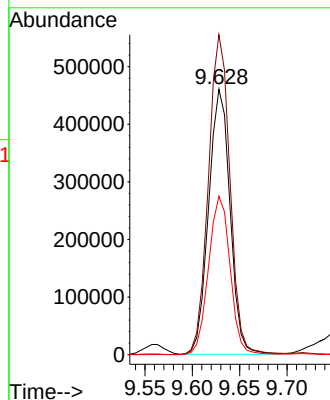
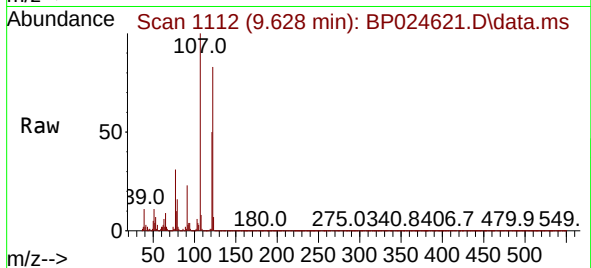
Tgt Ion:122 Resp: 722439

Ion Ratio Lower Upper

122 100

107 120.6 96.2 144.2

121 59.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 78.984 ng

RT: 9.857 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

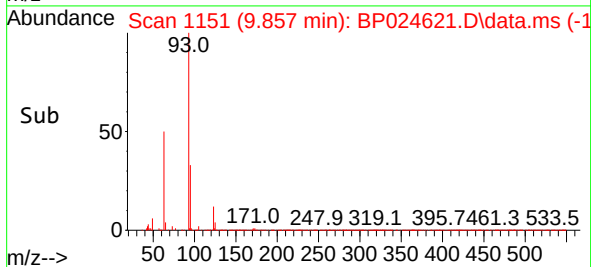
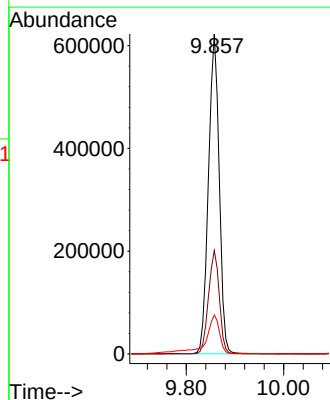
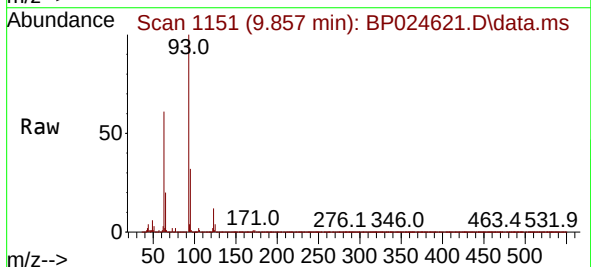
Tgt Ion: 93 Resp: 946615

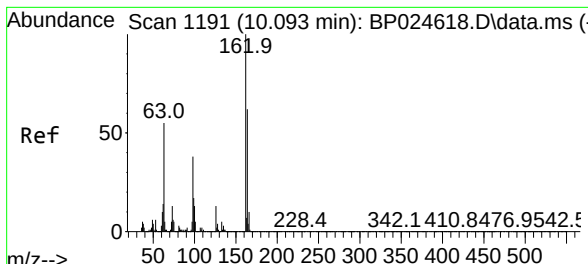
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 12.2 9.7 14.5



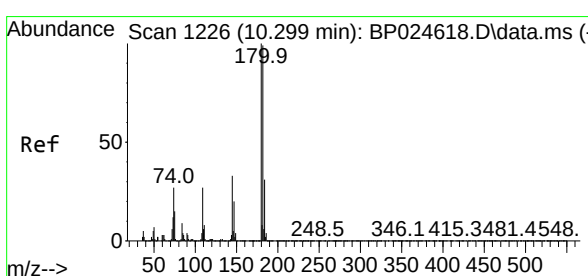
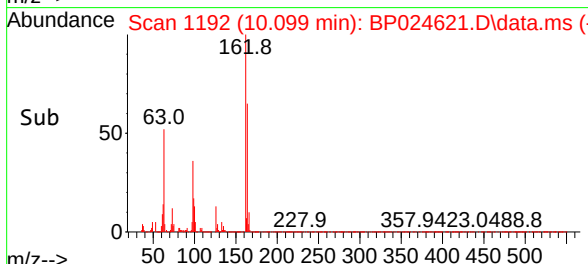
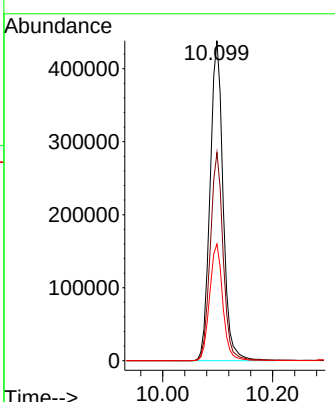
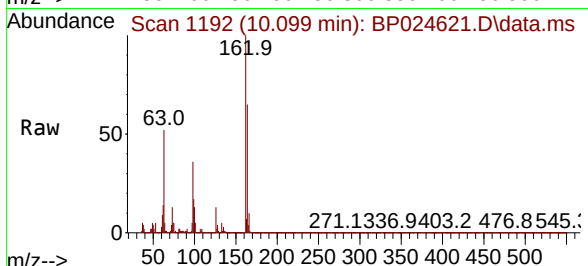


#29
2,4-Dichlorophenol
Concen: 84.703 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:162 Resp: 721701

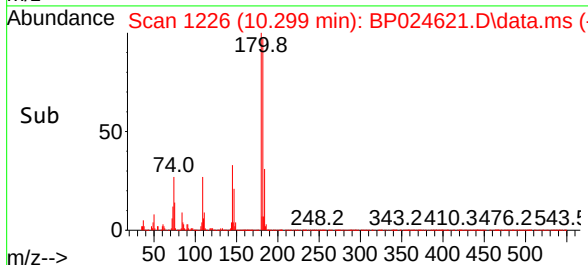
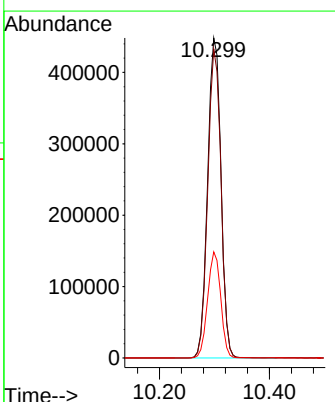
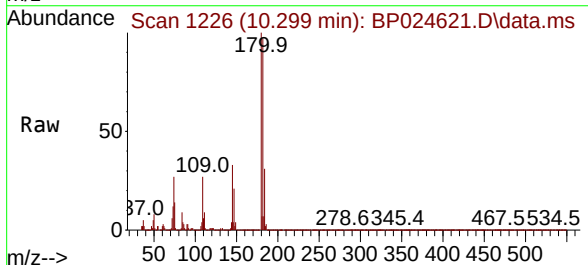
Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.3	82.3
98	36.5	18.4	58.4

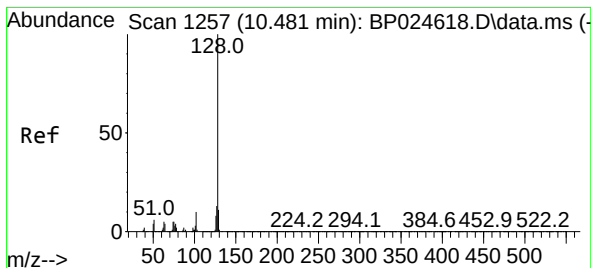


#30
1,2,4-Trichlorobenzene
Concen: 78.688 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:180 Resp: 755529

Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.0	118.4
145	33.1	26.6	39.8





#31

Naphthalene

Concen: 77.766 ng

RT: 10.487 min Scan# 1146

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

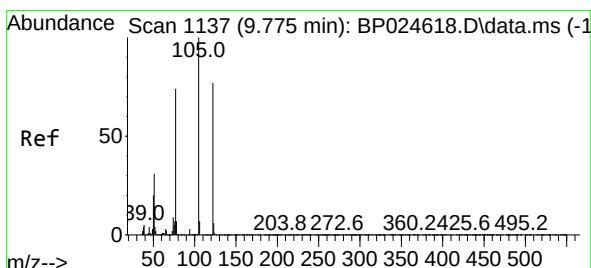
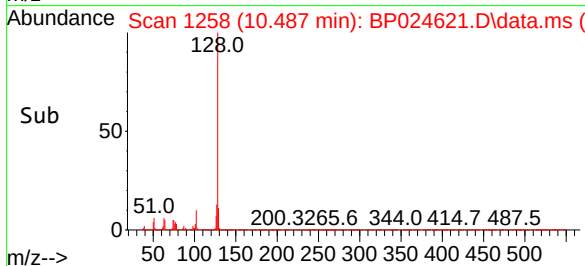
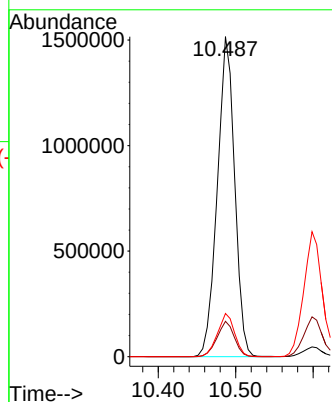
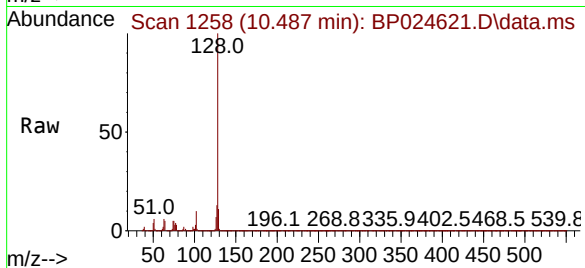
Tgt Ion:128 Resp: 2354789

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 80.150 ng

RT: 9.828 min Scan# 1146

Delta R.T. 0.053 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

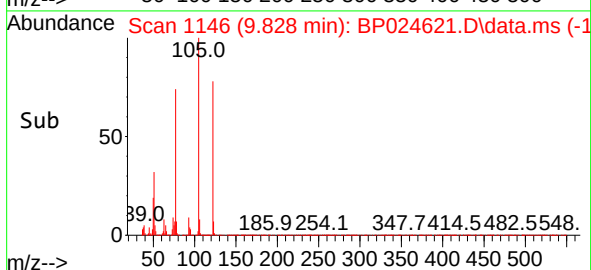
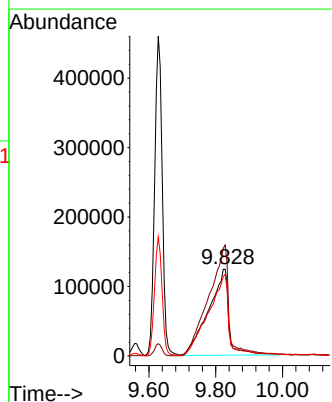
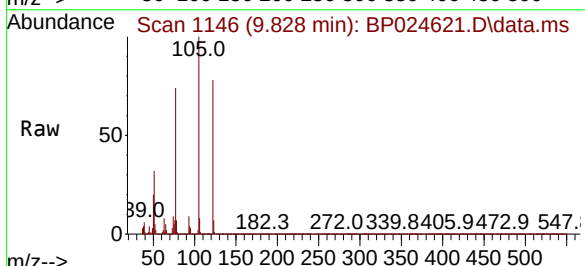
Tgt Ion:122 Resp: 525308

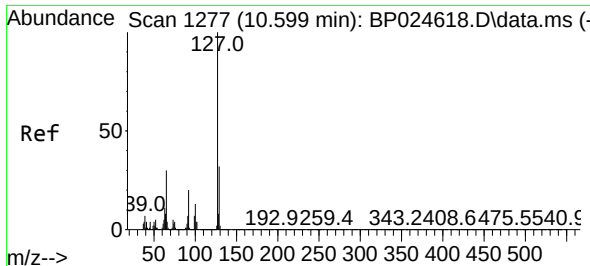
Ion Ratio Lower Upper

122 100

105 127.9 106.9 146.9

77 94.2 75.1 115.1



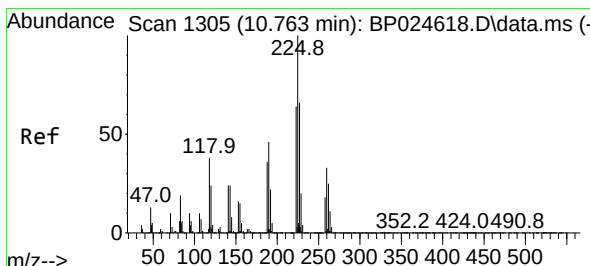
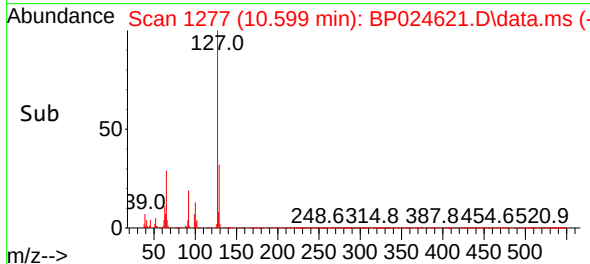
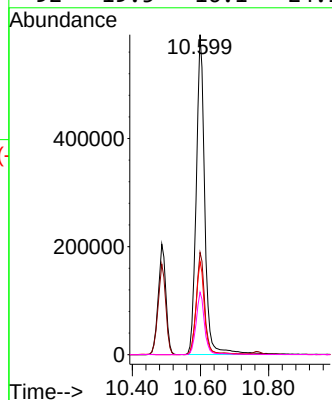
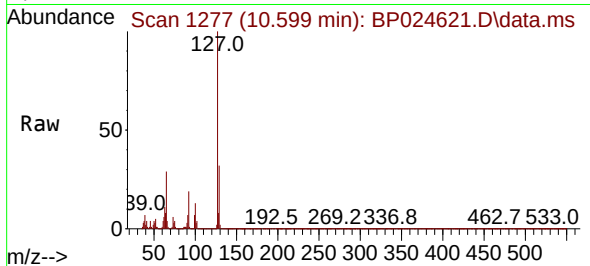


#33
4-Chloroaniline
Concen: 84.612 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:127 Resp: 1033865

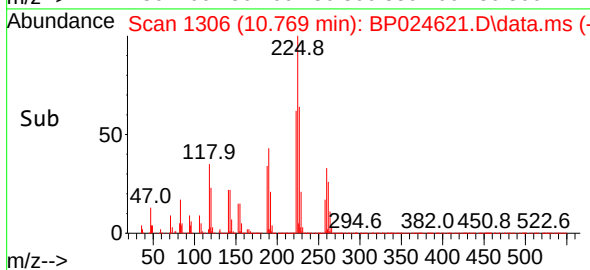
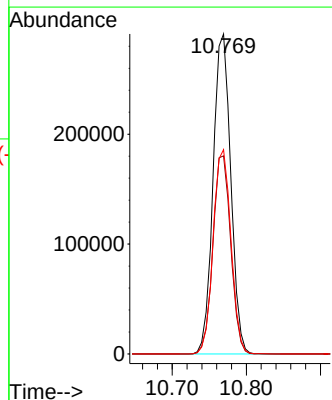
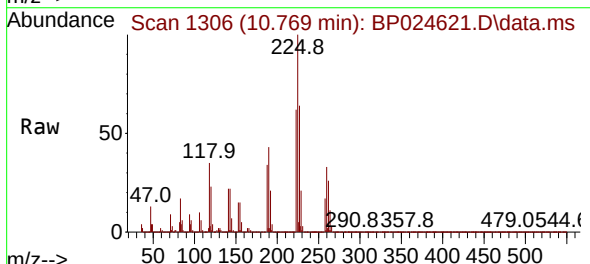
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.1	23.9	35.9
92	19.5	16.1	24.1

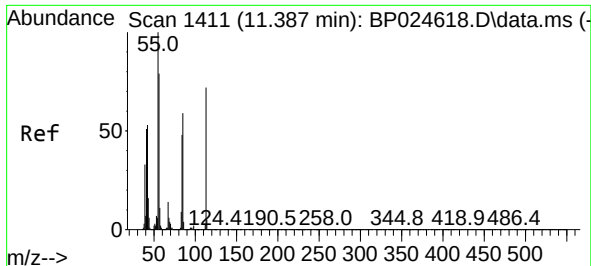


#34
Hexachlorobutadiene
Concen: 77.354 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:225 Resp: 481140

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.8	53.1	79.7

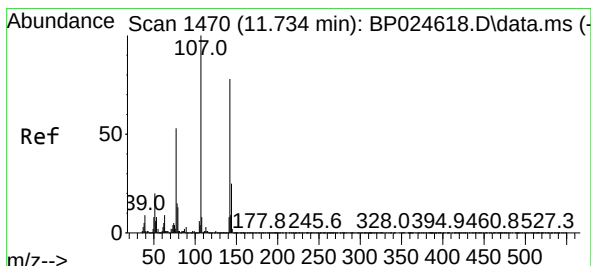
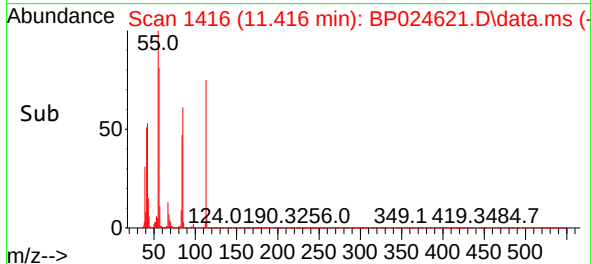
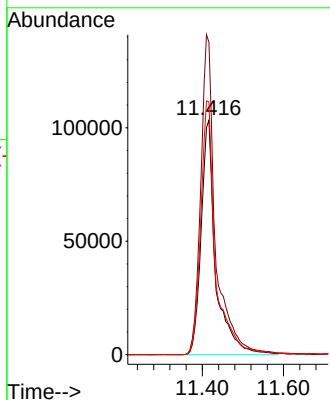
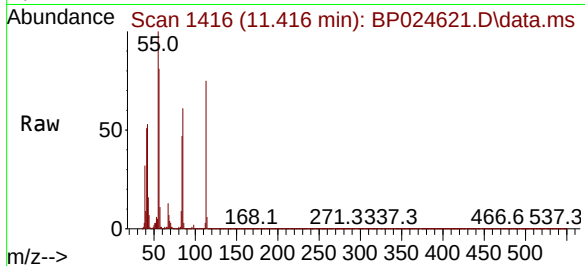




#35
Caprolactam
Concen: 83.498 ng
RT: 11.416 min Scan# 1411
Delta R.T. 0.029 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

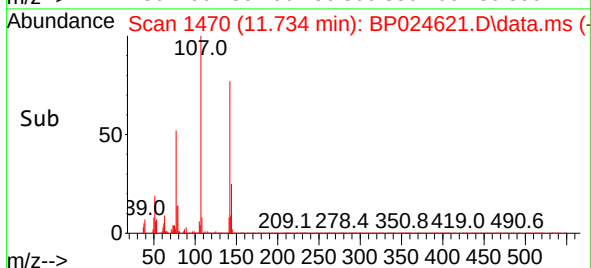
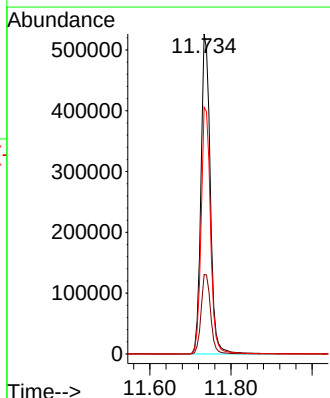
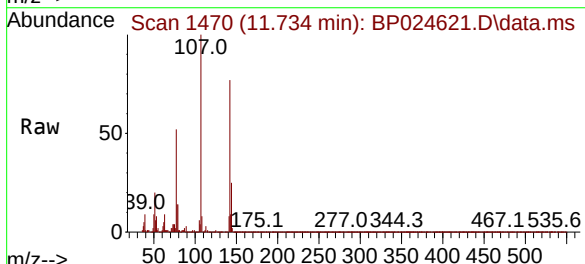
Instrument :
BNA_P
ClientSampleId :

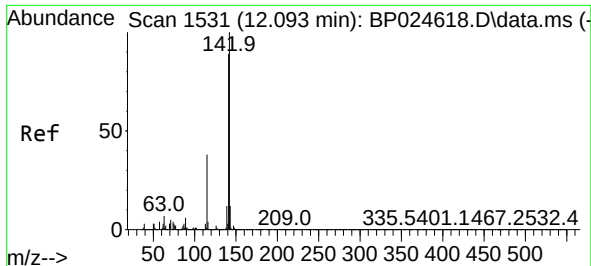
Tgt Ion:113 Resp: 257252
Ion Ratio Lower Upper
113 100
55 133.3 119.0 159.0
56 107.8 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 80.745 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 838983
Ion Ratio Lower Upper
107 100
144 24.8 20.1 30.1
142 77.1 62.1 93.1

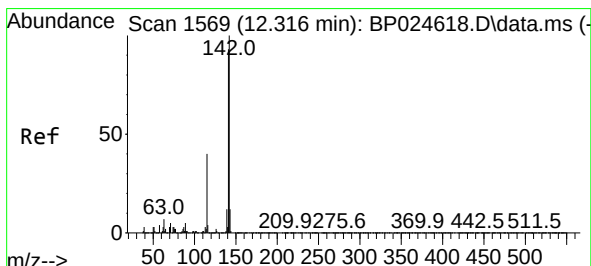
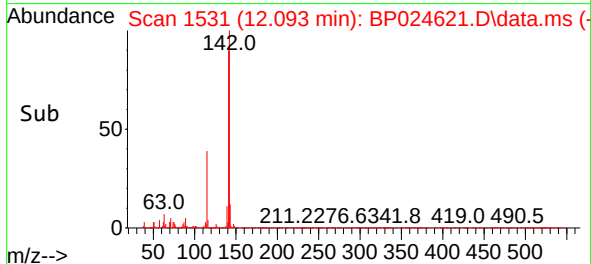
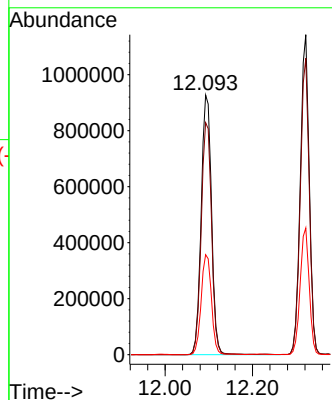
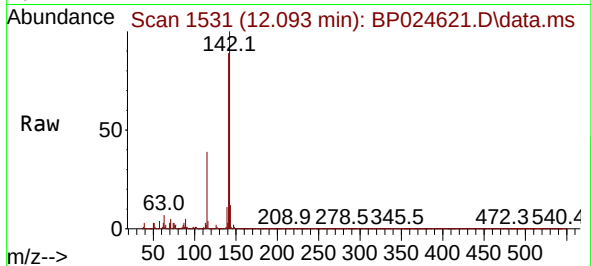




#37
2-Methylnaphthalene
Concen: 78.006 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

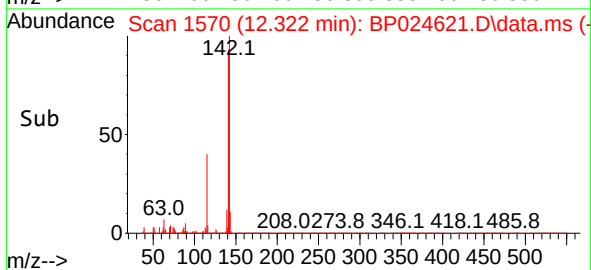
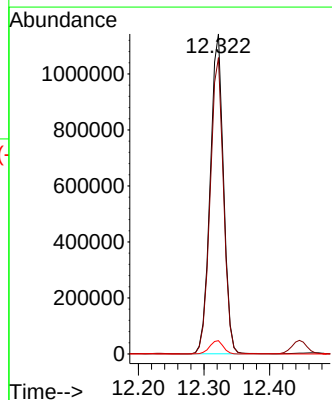
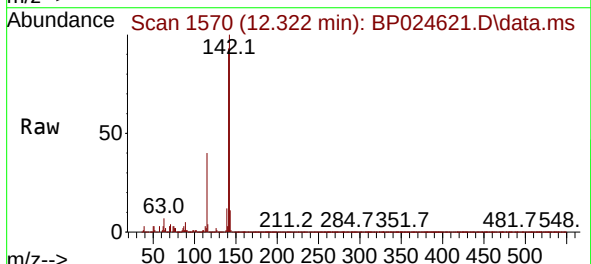
Instrument :
BNA_P
ClientSampleId :

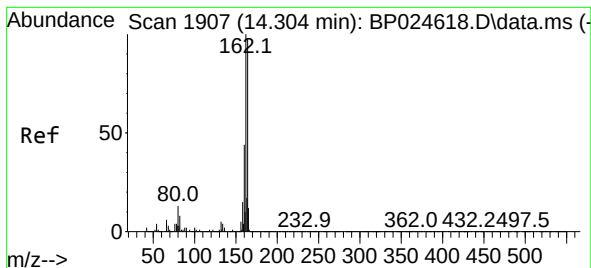
Tgt Ion:142 Resp: 1529445
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 38.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 76.924 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:142 Resp: 1613775
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

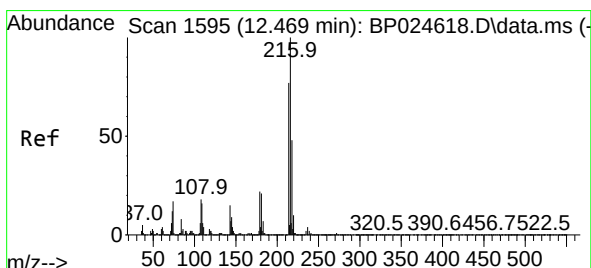
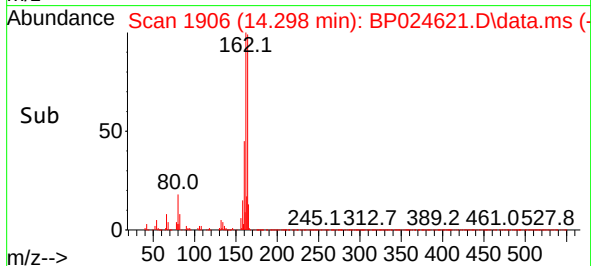
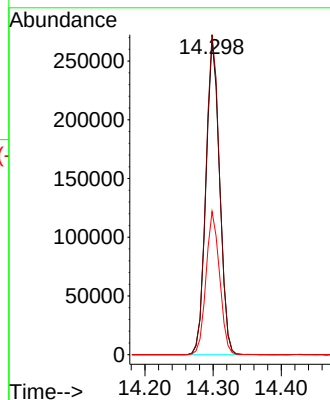
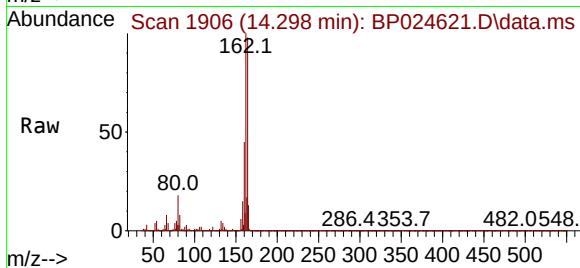
Tgt Ion:164 Resp: 373575

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 45.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.728 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:216 Resp: 875750

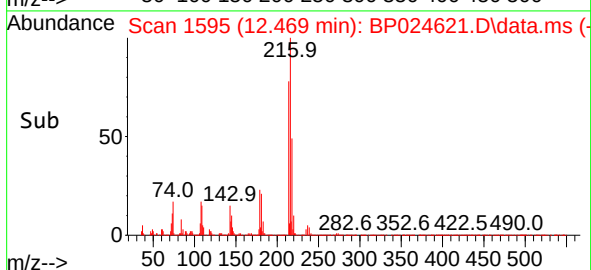
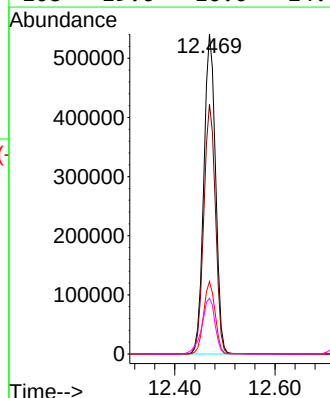
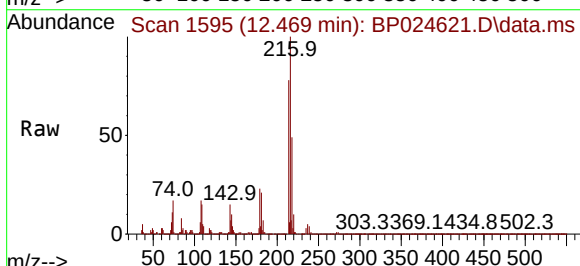
Ion Ratio Lower Upper

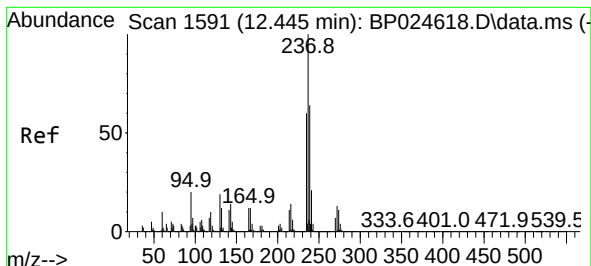
216 100

214 78.0 62.3 93.5

179 22.4 17.7 26.5

108 19.6 16.0 24.0

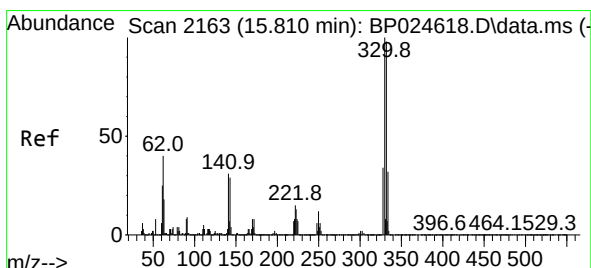
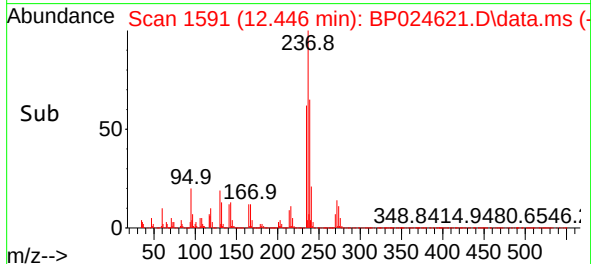
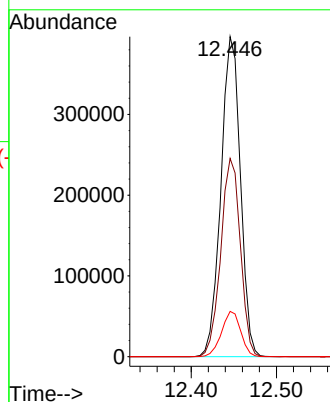
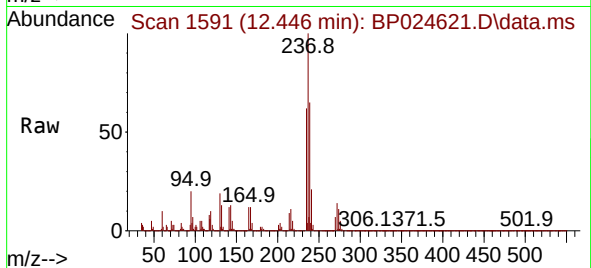




#41
Hexachlorocyclopentadiene
Concen: 95.536 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

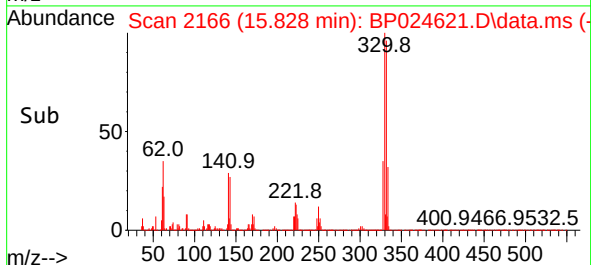
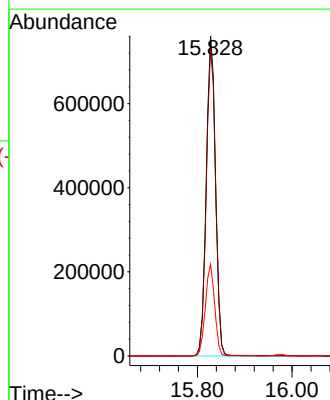
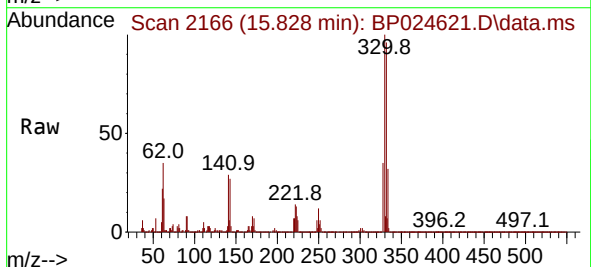
Instrument :
BNA_P
ClientSampleId :

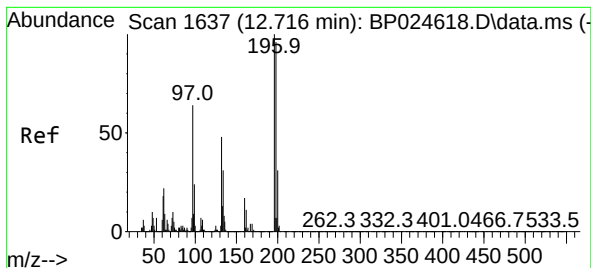
Tgt Ion:237 Resp: 628436
Ion Ratio Lower Upper
237 100
235 61.9 39.9 79.9
272 14.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 163.052 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:330 Resp: 1032638
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 28.8 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 85.581 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

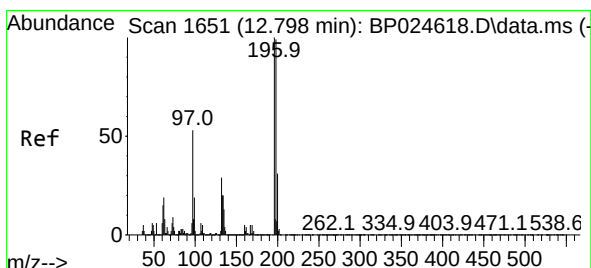
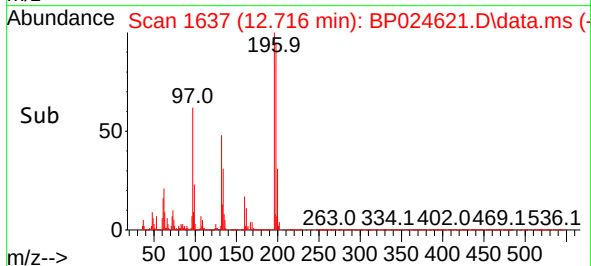
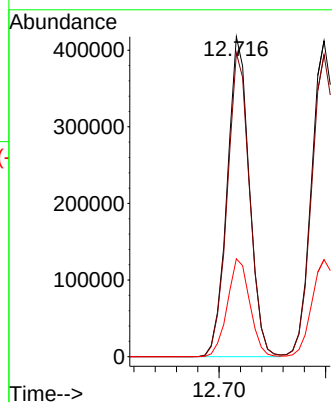
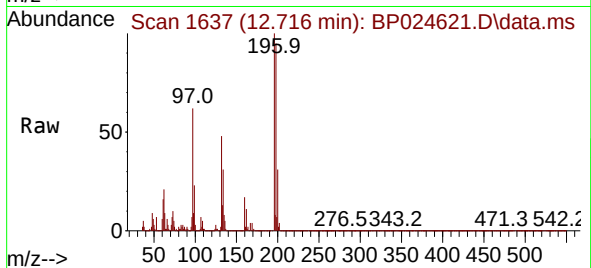
Tgt Ion:196 Resp: 601332

Ion Ratio Lower Upper

196 100

198 94.9 76.9 115.3

200 30.6 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 84.052 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 657399

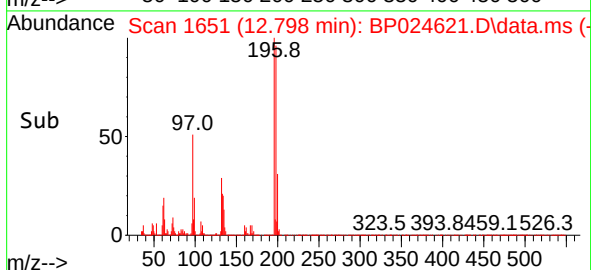
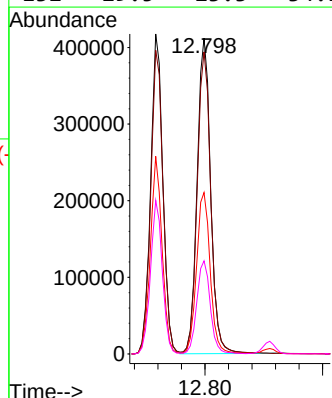
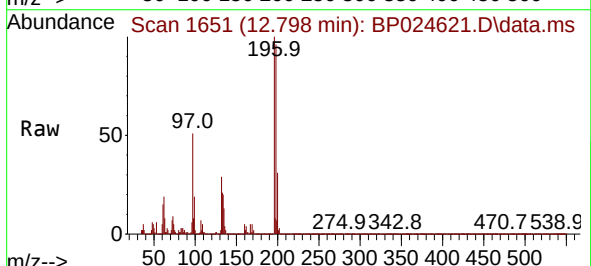
Ion Ratio Lower Upper

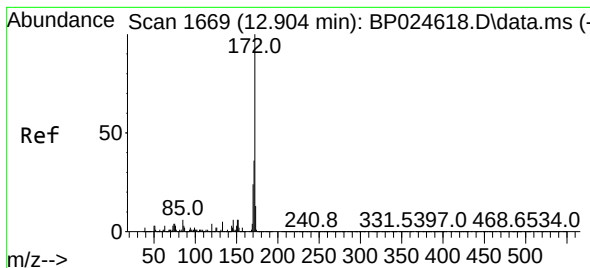
196 100

198 95.7 79.2 118.8

97 51.1 42.3 63.5

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 155.647 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

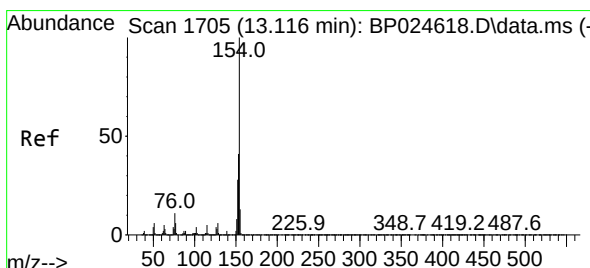
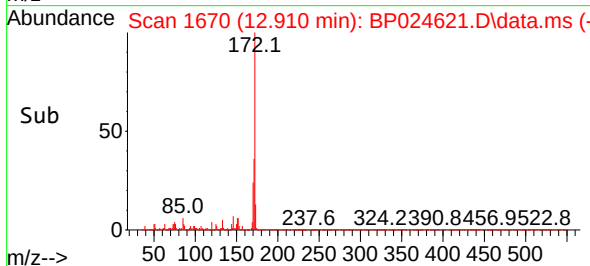
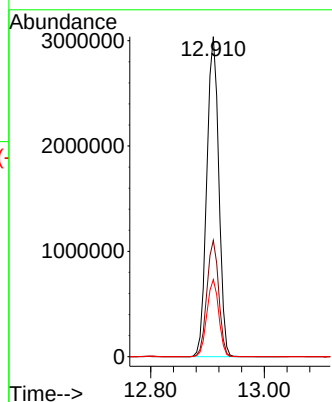
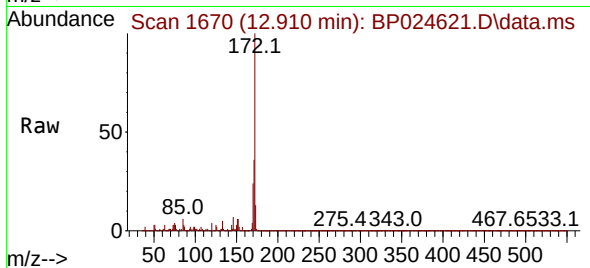
Tgt Ion:172 Resp: 4438179

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 78.795 ng

RT: 13.122 min Scan# 1706

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

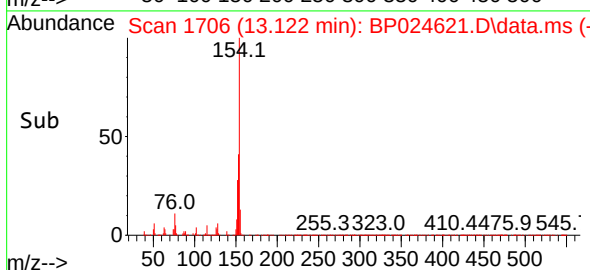
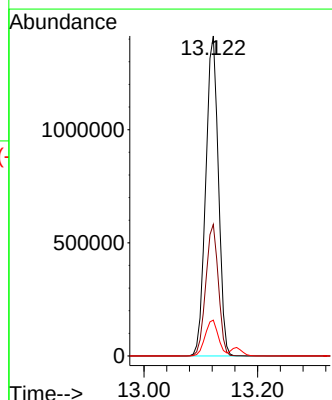
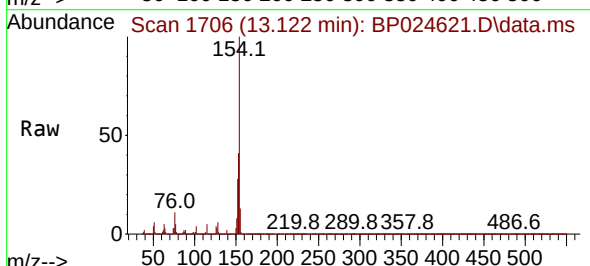
Tgt Ion:154 Resp: 2175624

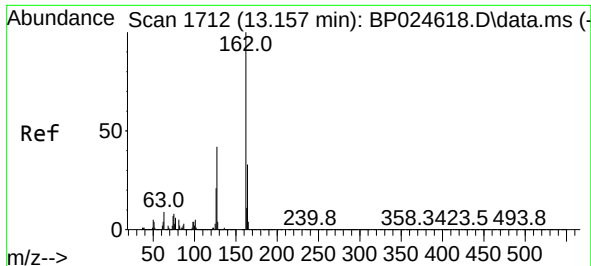
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 11.2 0.0 31.5

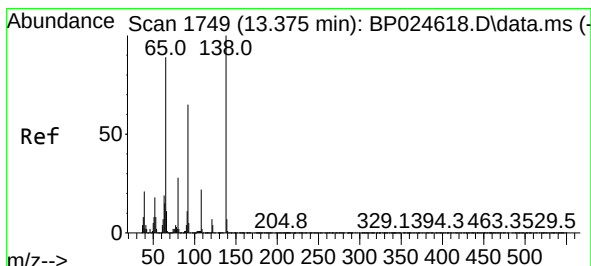
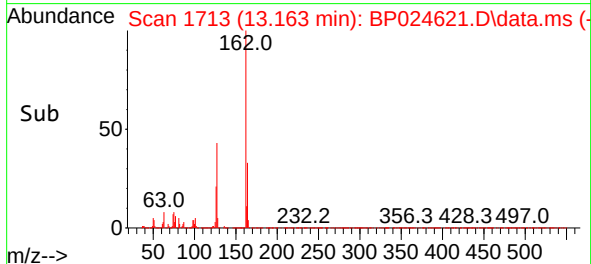
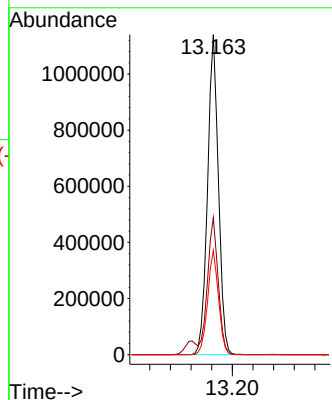
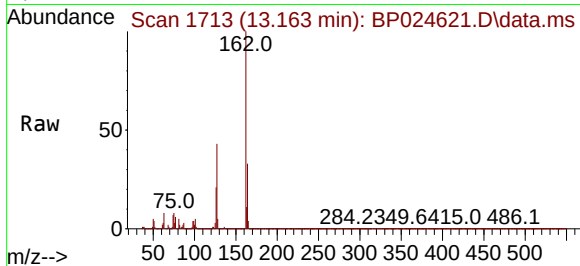




#47
2-Chloronaphthalene
Concen: 78.991 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

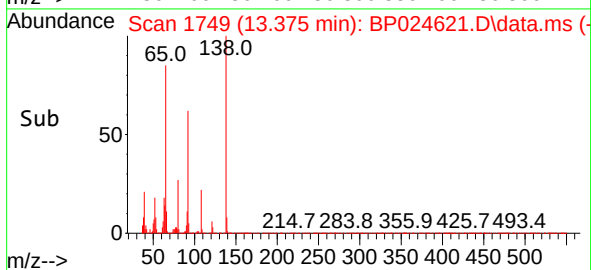
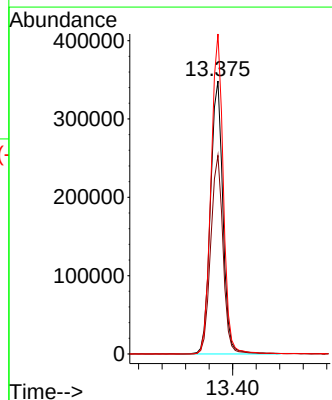
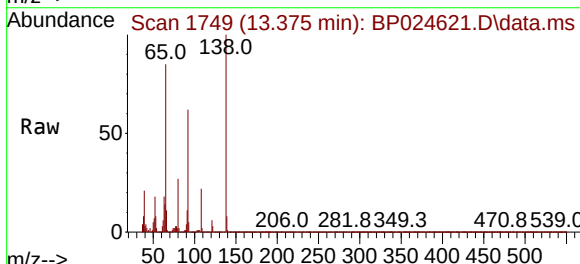
Instrument :
BNA_P
ClientSampleId :

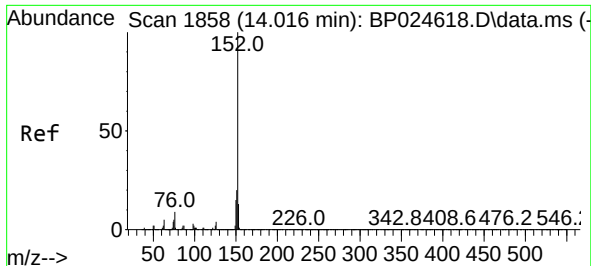
Tgt Ion:162 Resp: 1662979
Ion Ratio Lower Upper
162 100
127 42.8 33.8 50.6
164 32.6 26.0 39.0



#48
2-Nitroaniline
Concen: 82.218 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 65 Resp: 512458
Ion Ratio Lower Upper
65 100
92 72.7 58.7 88.1
138 117.2 90.2 135.2

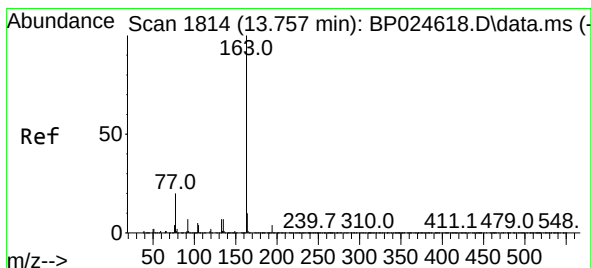
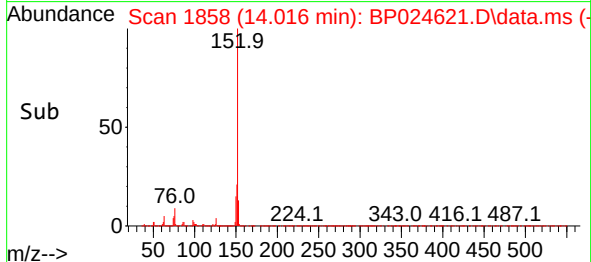
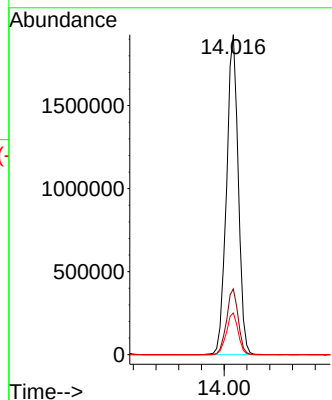
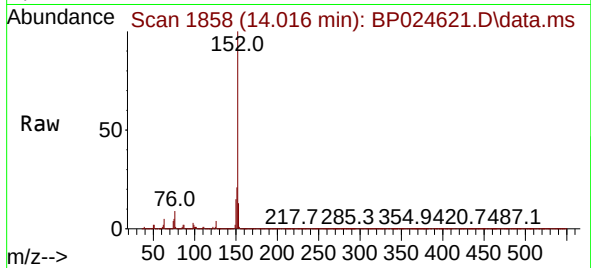




#49
Acenaphthylene
Concen: 78.729 ng
RT: 14.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

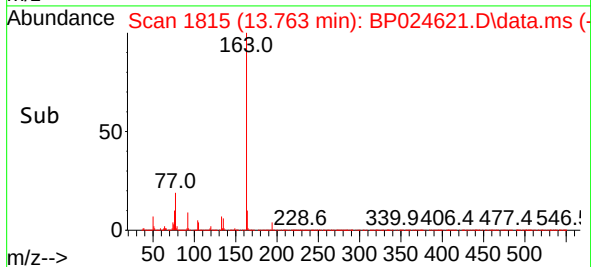
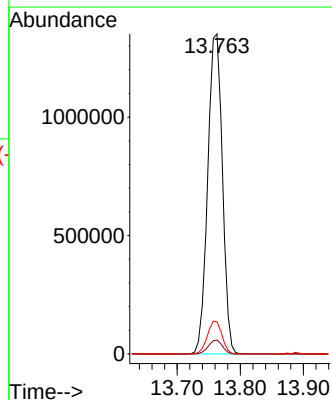
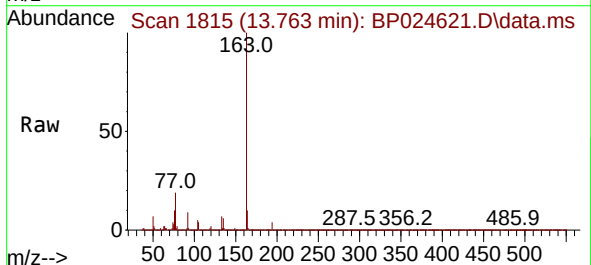
Instrument :
BNA_P
ClientSampleId :

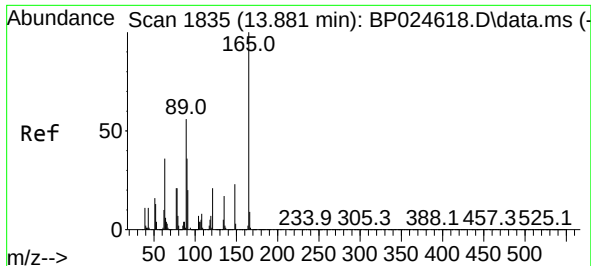
Tgt Ion:152 Resp: 2773742
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 76.644 ng
RT: 13.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:163 Resp: 2182359
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.0 8.1 12.1

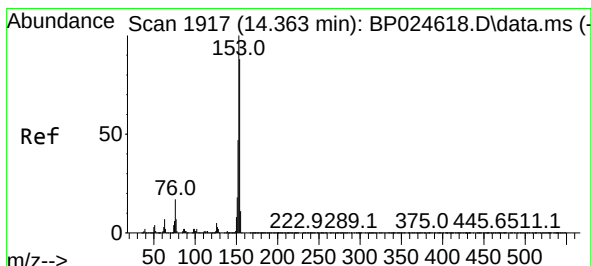
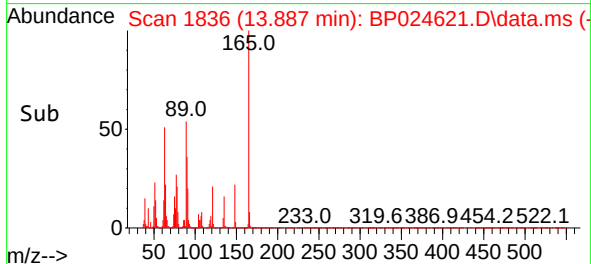
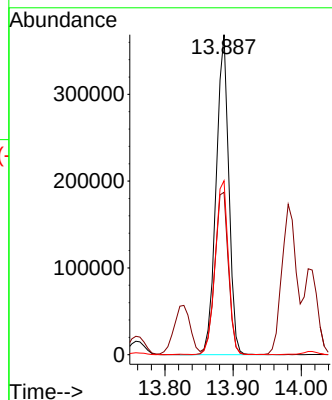
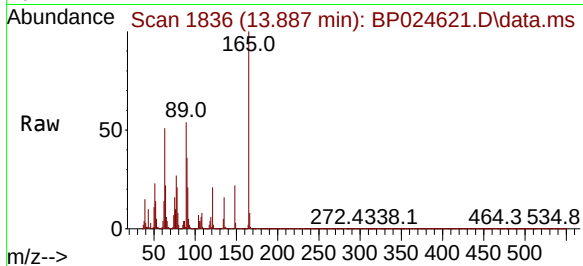




#51
2,6-Dinitrotoluene
Concen: 79.255 ng
RT: 13.887 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

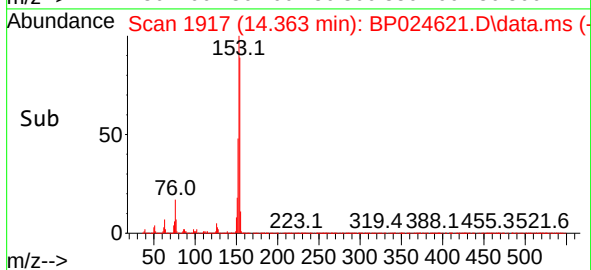
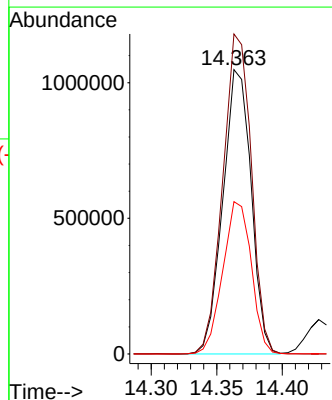
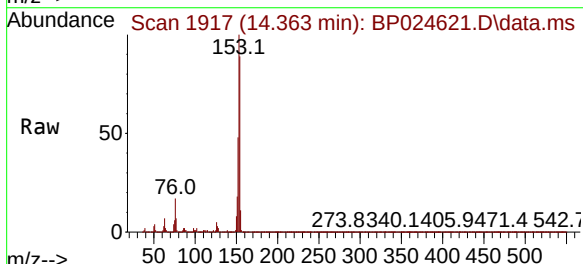
Instrument :
BNA_P
ClientSampleId :

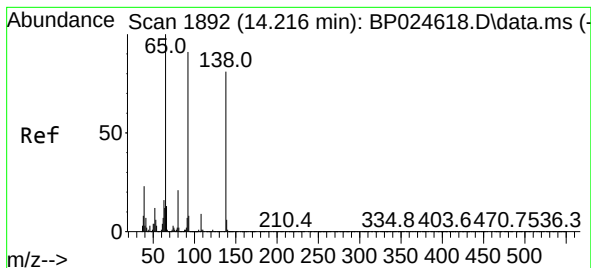
Tgt Ion:165 Resp: 476606
Ion Ratio Lower Upper
165 100
63 50.8 42.4 63.6
89 54.4 44.8 67.2



#52
Acenaphthene
Concen: 77.619 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 1572103
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.6 42.9 64.3





#53

3-Nitroaniline

Concen: 85.151 ng

RT: 14.222 min Scan# 1893

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

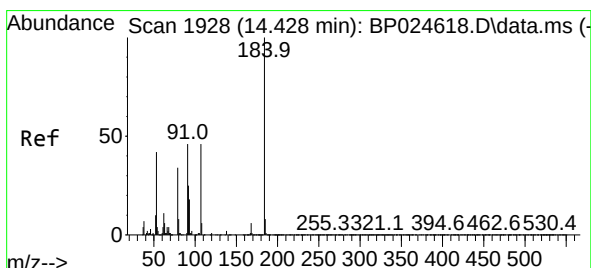
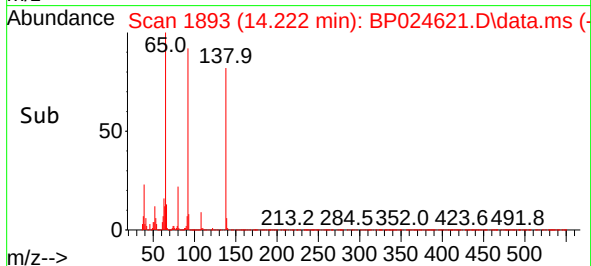
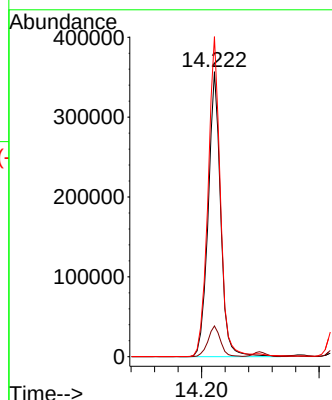
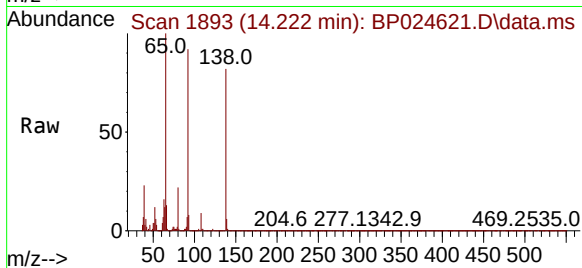
Tgt Ion:138 Resp: 522849

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

92 112.3 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 79.295 ng

RT: 14.428 min Scan# 1928

Delta R.T. -0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

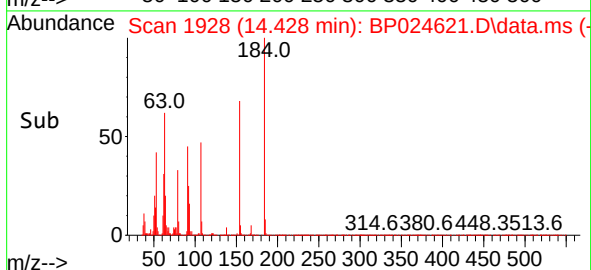
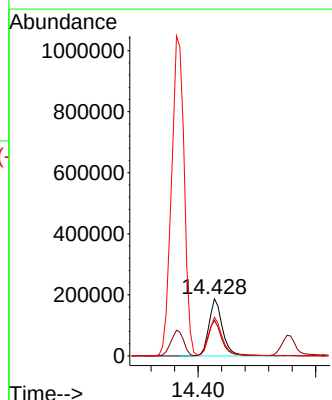
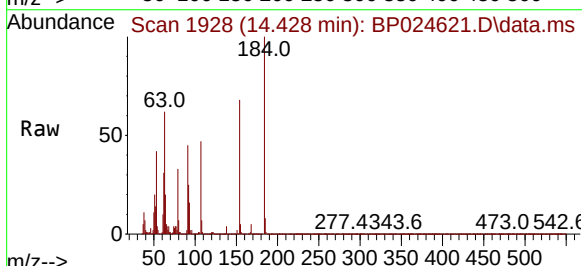
Tgt Ion:184 Resp: 300458

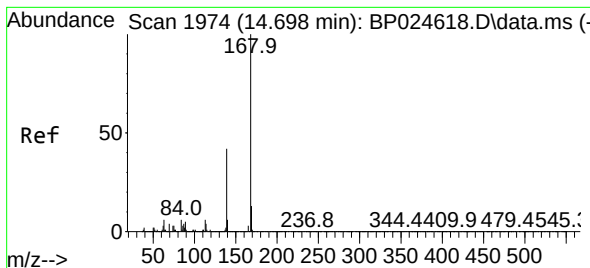
Ion Ratio Lower Upper

184 100

63 62.1 51.3 76.9

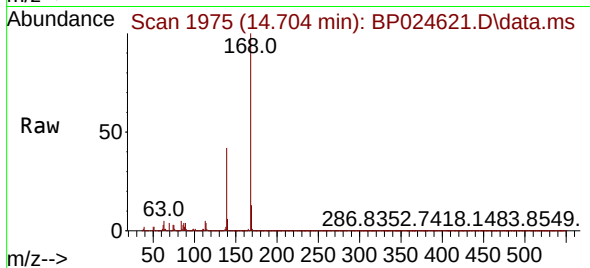
154 67.9 53.5 80.3



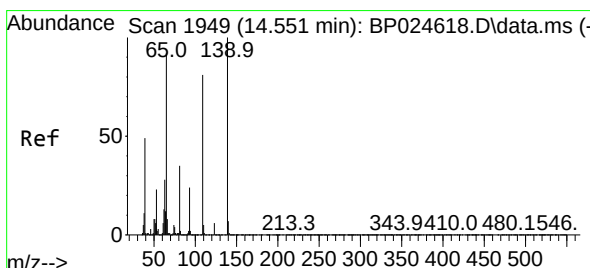
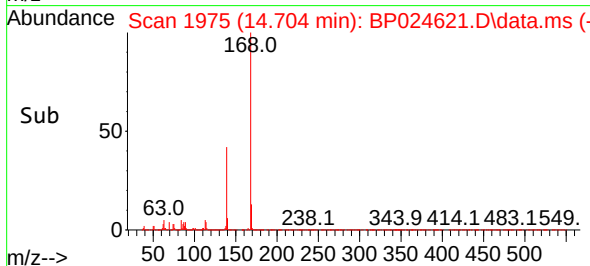
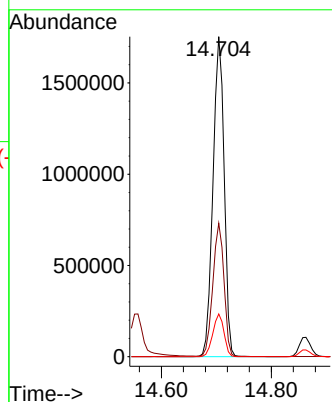


#55
Dibenzofuran
Concen: 76.684 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :

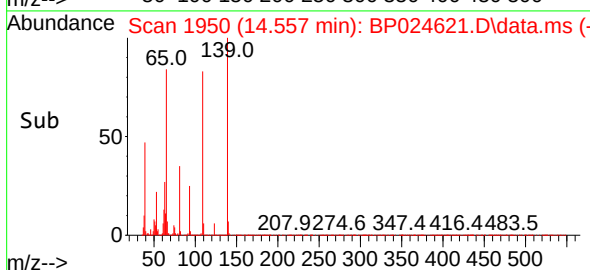
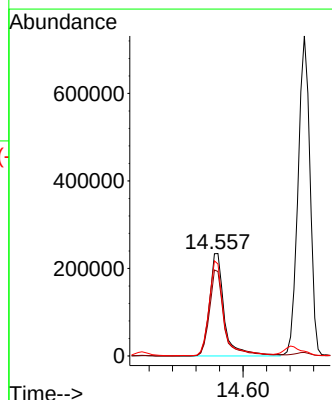
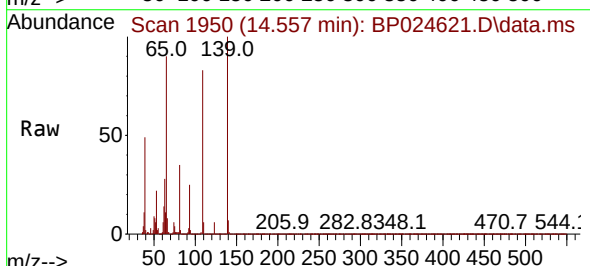


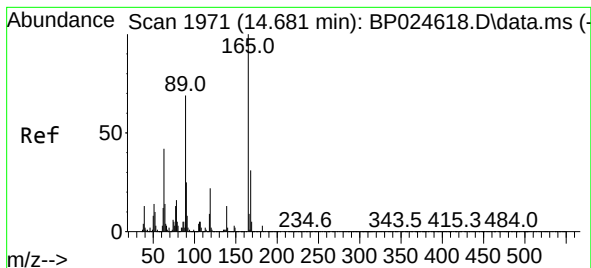
Tgt Ion:168 Resp: 2477374
Ion Ratio Lower Upper
168 100
139 41.7 34.2 51.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 77.271 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 409954
Ion Ratio Lower Upper
139 100
109 82.6 61.4 101.4
65 89.8 72.2 112.2

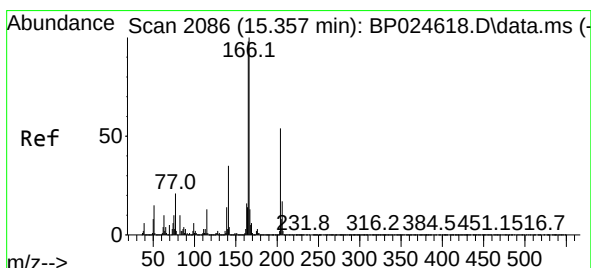
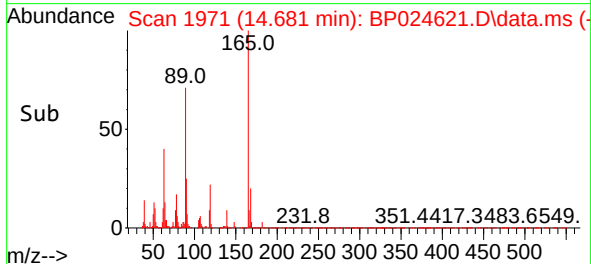
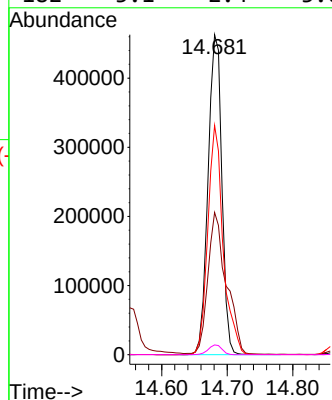
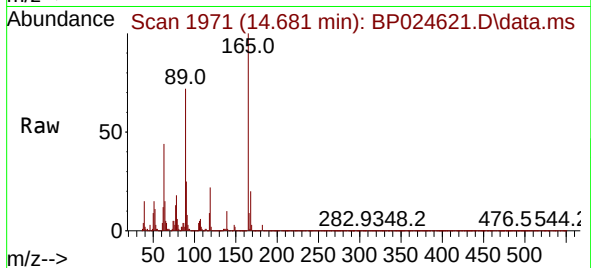




#57
2,4-Dinitrotoluene
Concen: 80.005 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

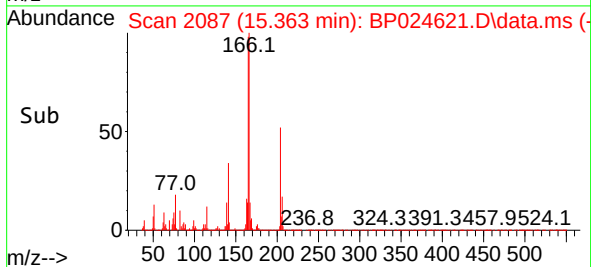
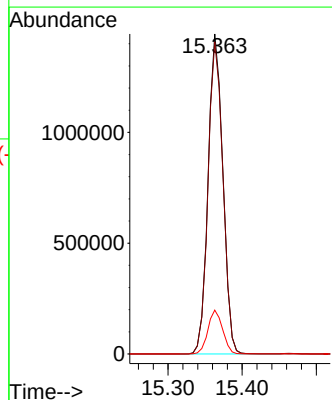
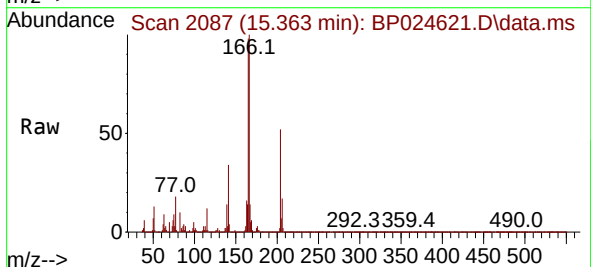
Instrument :
BNA_P
ClientSampleId :

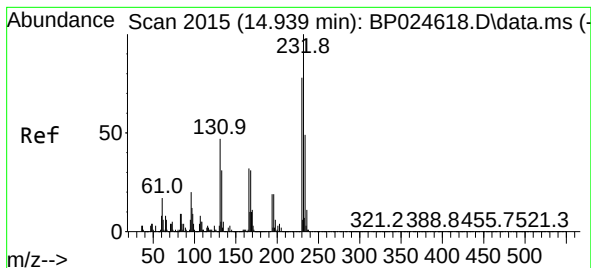
Tgt Ion:165 Resp: 678287
Ion Ratio Lower Upper
165 100
63 44.4 33.8 50.6
89 71.6 55.6 83.4
182 3.1 2.4 3.6



#58
Fluorene
Concen: 76.064 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:166 Resp: 2003709
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.7 10.7 16.1

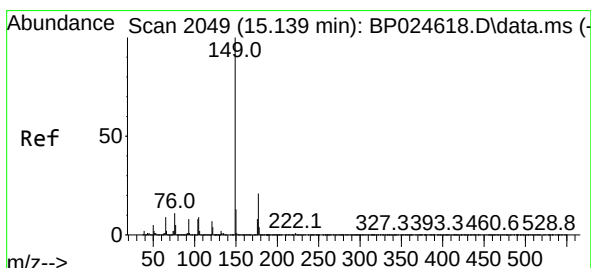
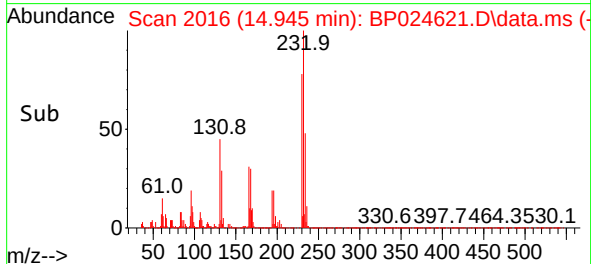
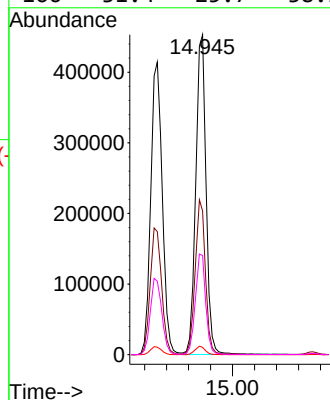
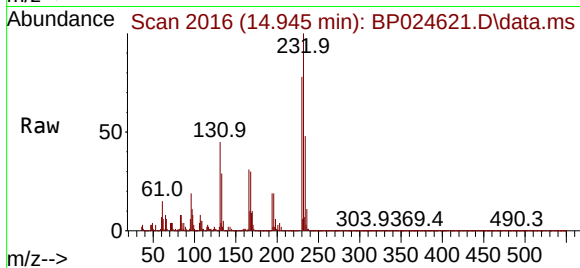




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.172 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

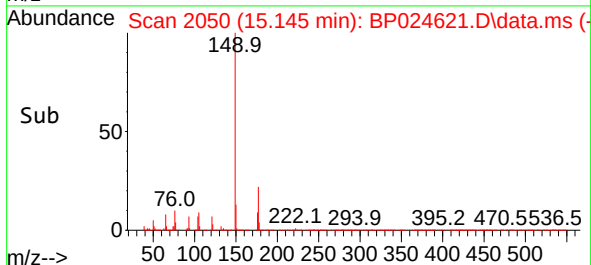
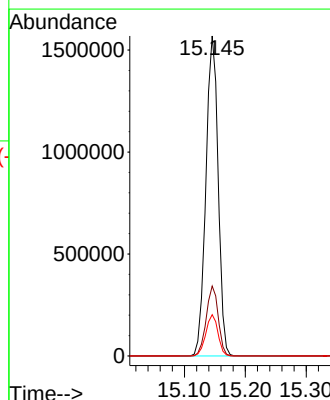
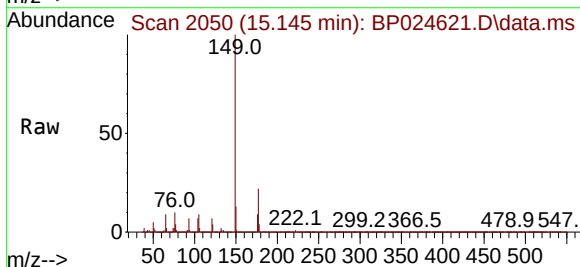
Instrument :
BNA_P
ClientSampleId :

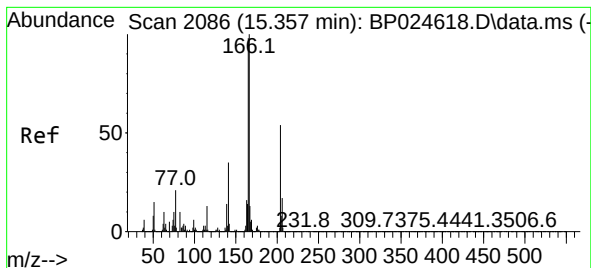
Tgt Ion:232 Resp: 588947
Ion Ratio Lower Upper
232 100
131 48.1 39.5 59.3
130 2.6 2.2 3.4
166 31.4 25.7 38.5



#60
Diethylphthalate
Concen: 76.218 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2193488
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.9 10.2 15.2

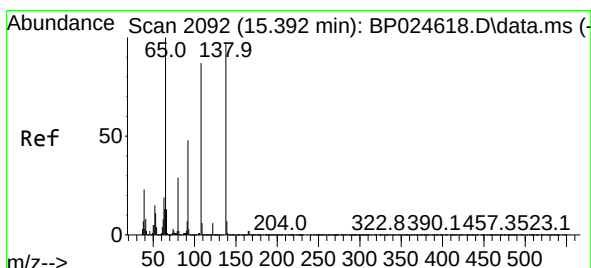
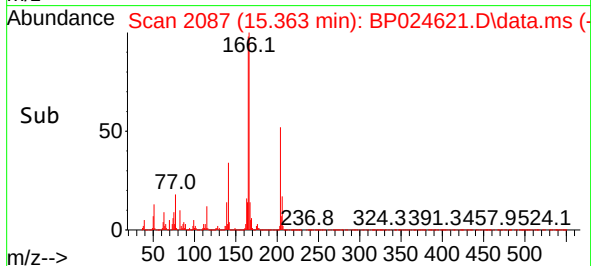
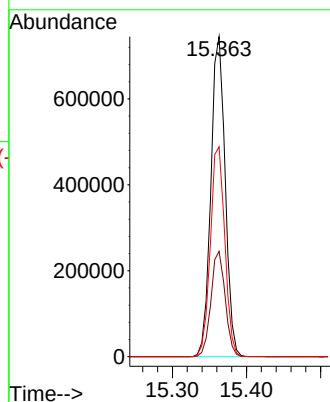
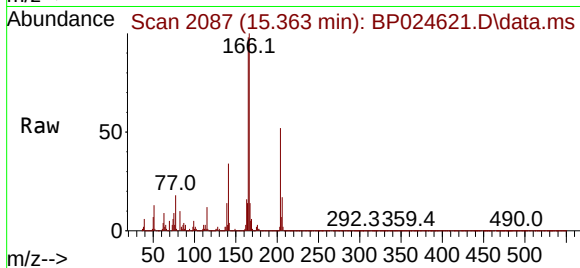




#61
4-Chlorophenyl-phenylether
Concen: 75.958 ng
RT: 15.363 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

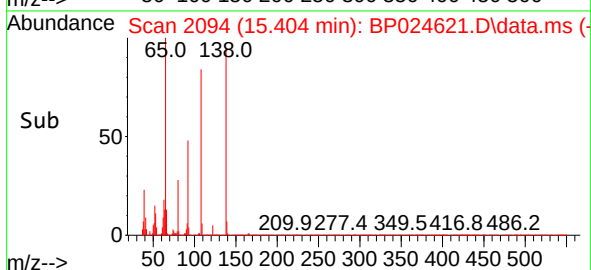
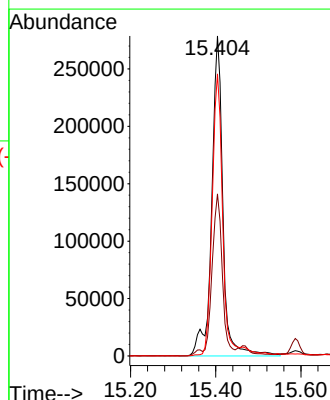
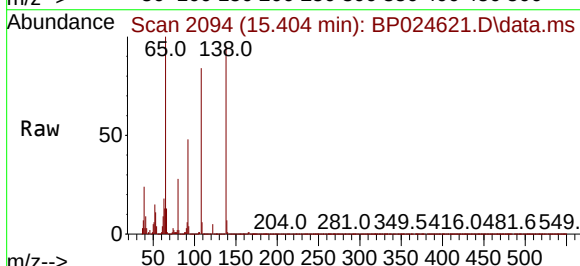
Instrument :
BNA_P
ClientSampleId :

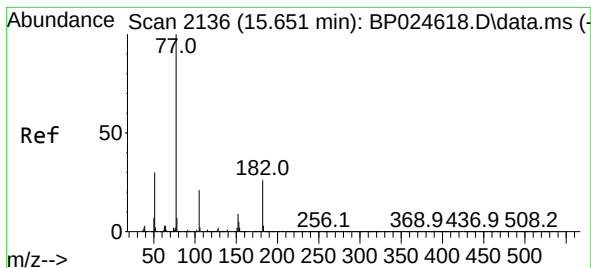
Tgt Ion:204 Resp: 997863
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 65.6 52.9 79.3



#62
4-Nitroaniline
Concen: 85.237 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:138 Resp: 509582
Ion Ratio Lower Upper
138 100
92 50.6 29.2 69.2
108 88.2 69.0 109.0





#63

Azobenzene

Concen: 75.474 ng

RT: 15.663 min Scan# 2136

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 1858146

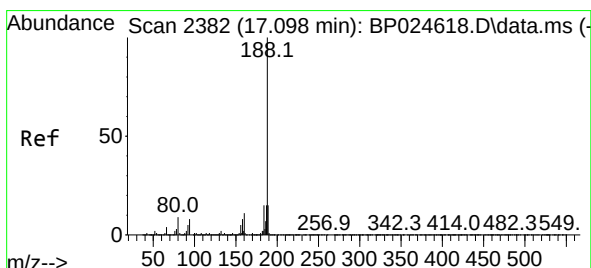
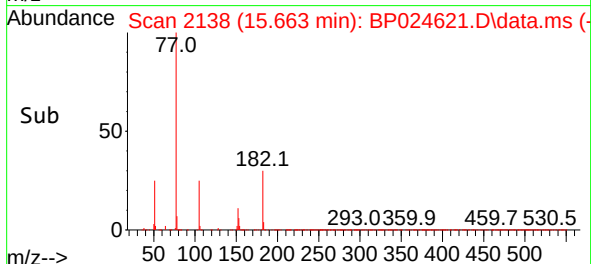
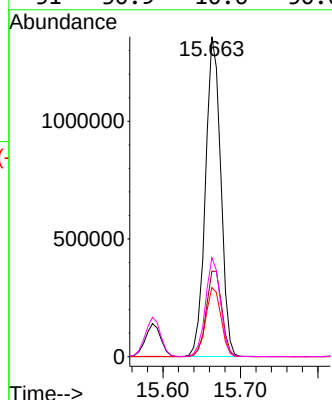
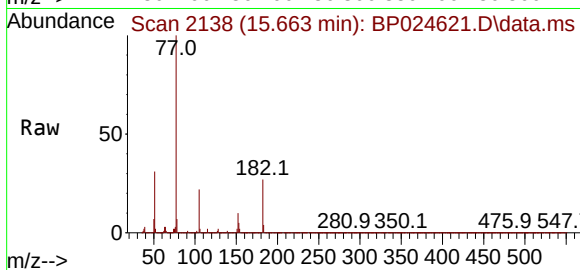
Ion Ratio Lower Upper

77 100

182 26.7 5.7 45.7

105 21.6 1.3 41.3

51 30.9 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.104 min Scan# 2383

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

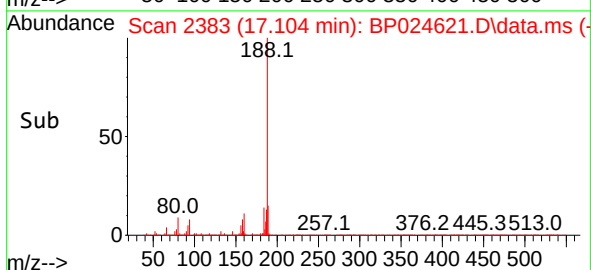
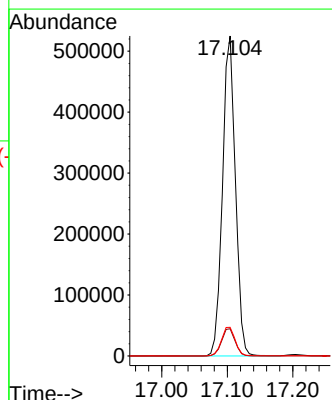
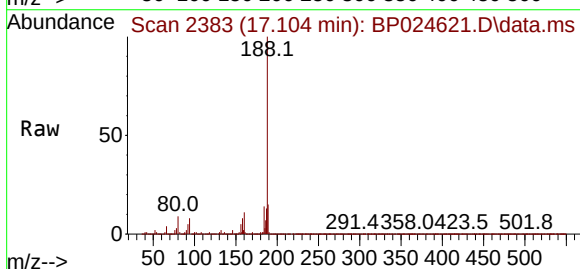
Tgt Ion: 188 Resp: 713479

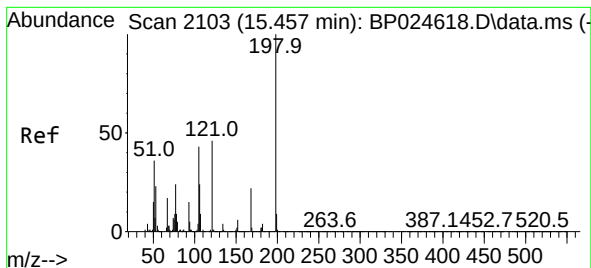
Ion Ratio Lower Upper

188 100

94 8.5 6.5 9.7

80 9.0 7.3 10.9

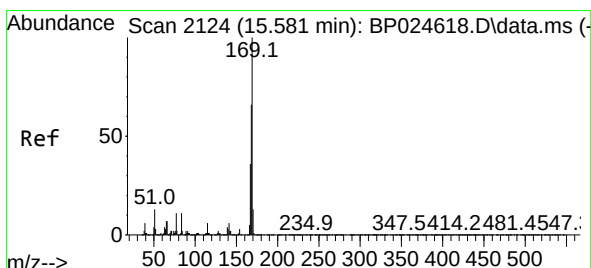
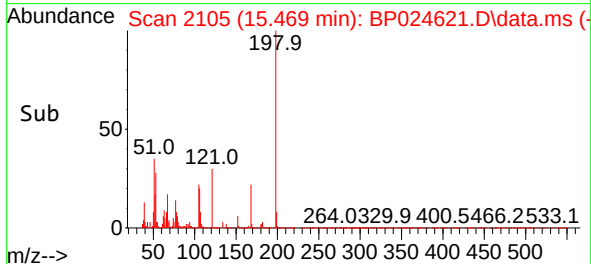
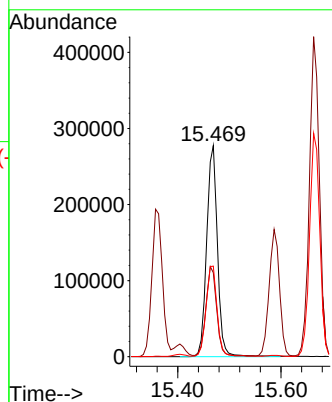
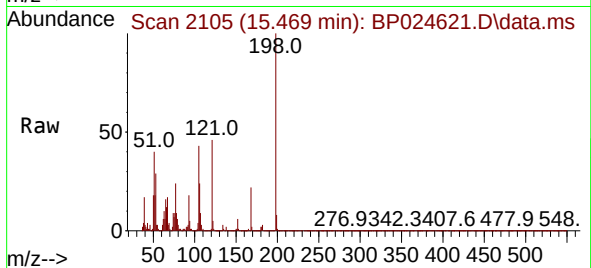




#65
4,6-Dinitro-2-methylphenol
Concen: 87.013 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

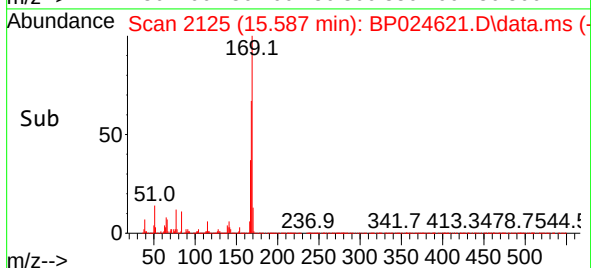
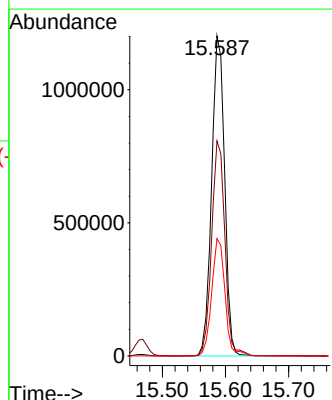
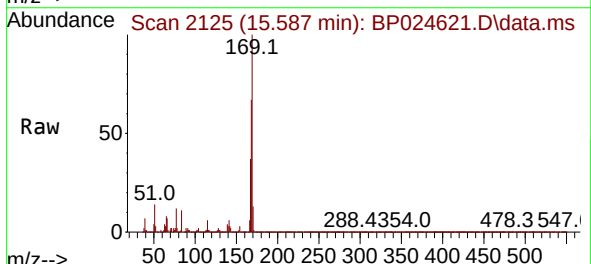
Instrument :
BNA_P
ClientSampleId :

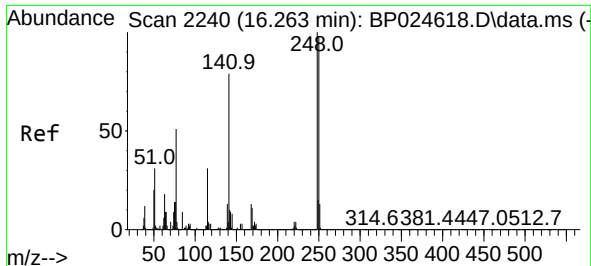
Tgt Ion:198 Resp: 401011
Ion Ratio Lower Upper
198 100
51 39.8 21.1 61.1
105 42.9 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 78.104 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:169 Resp: 1711679
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.7 28.6 43.0

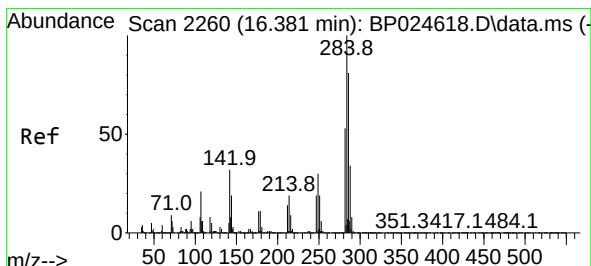
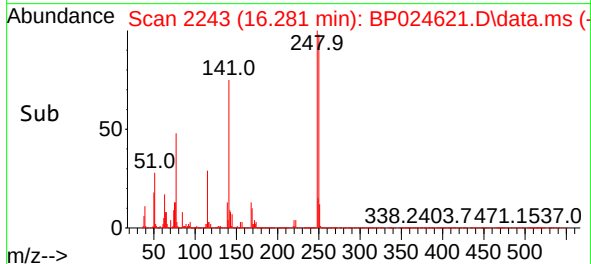
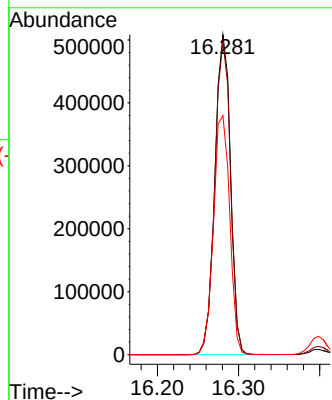
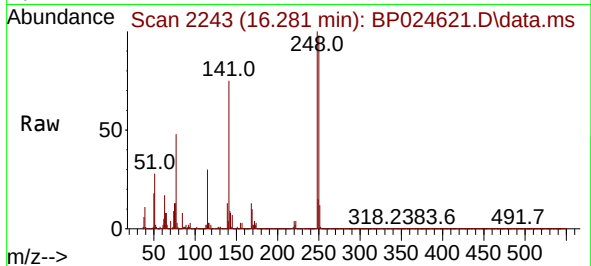




#67
4-Bromophenyl-phenylether
Concen: 81.432 ng
RT: 16.281 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

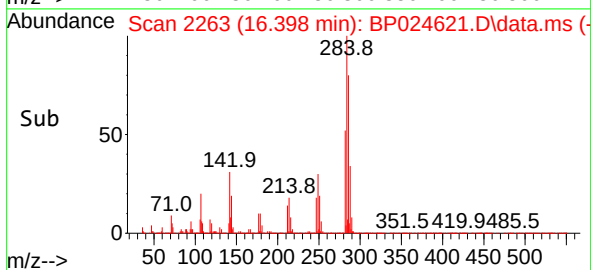
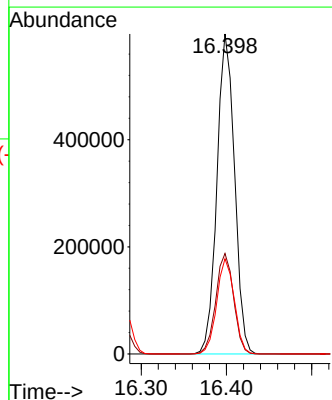
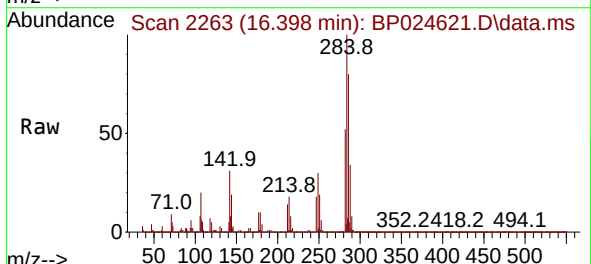
Instrument :
BNA_P
ClientSampleId :

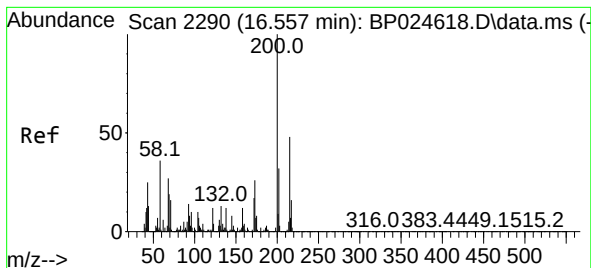
Tgt Ion:248 Resp: 684619
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 74.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 80.179 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:284 Resp: 856547
Ion Ratio Lower Upper
284 100
142 31.4 25.9 38.9
249 29.7 24.1 36.1





#69

Atrazine

Concen: 80.420 ng

RT: 16.575 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

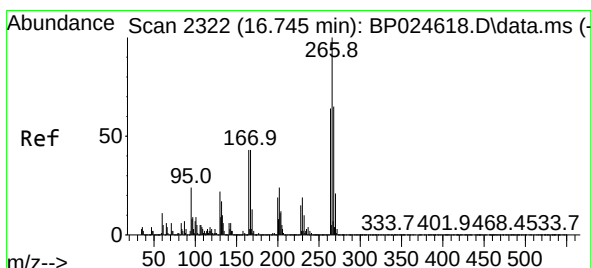
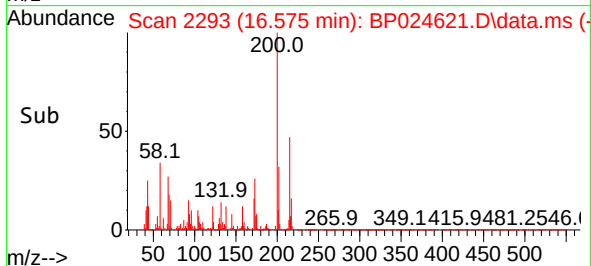
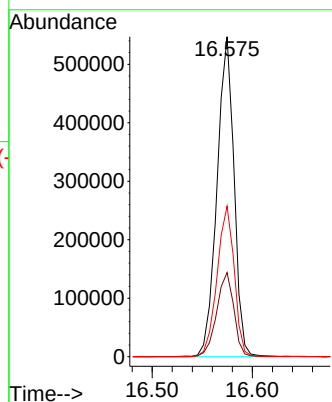
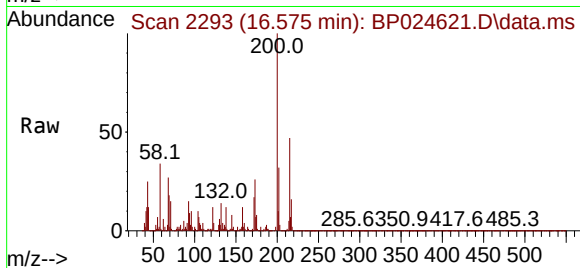
Tgt Ion:200 Resp: 645877

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

215 47.1 28.3 68.3



#70

Pentachlorophenol

Concen: 91.410 ng

RT: 16.751 min Scan# 2323

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

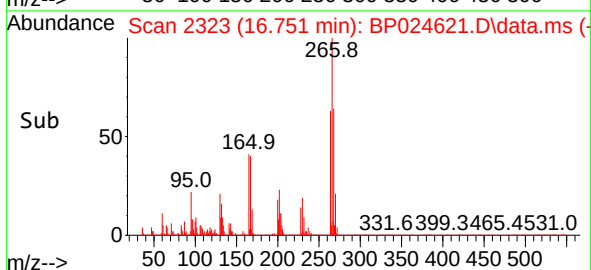
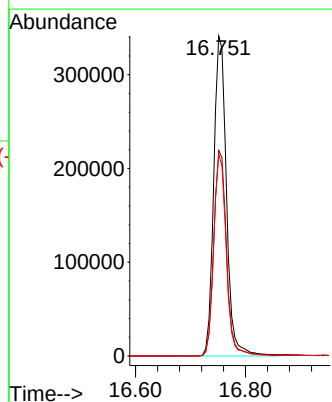
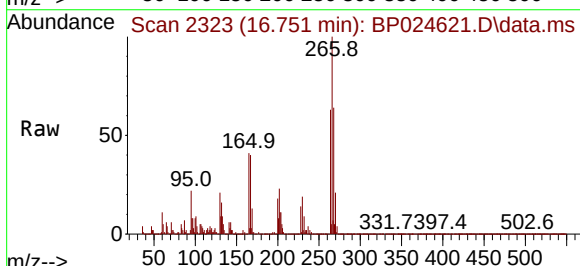
Tgt Ion:266 Resp: 548492

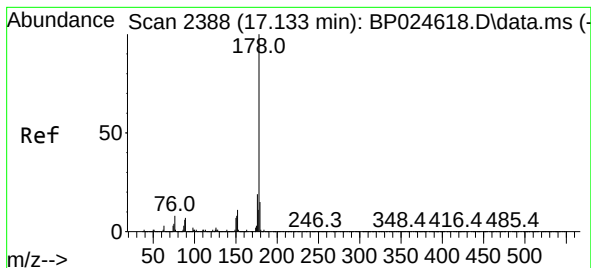
Ion Ratio Lower Upper

266 100

268 64.2 52.2 78.4

264 62.9 51.1 76.7





#71

Phenanthrene

Concen: 77.948 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

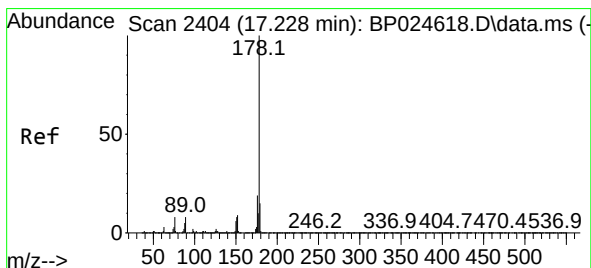
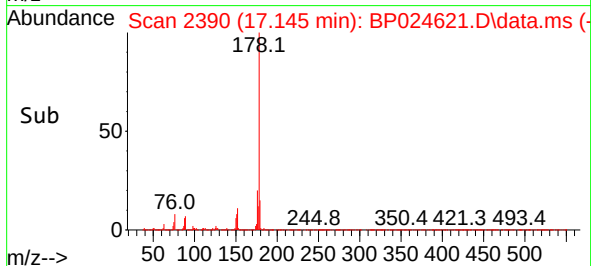
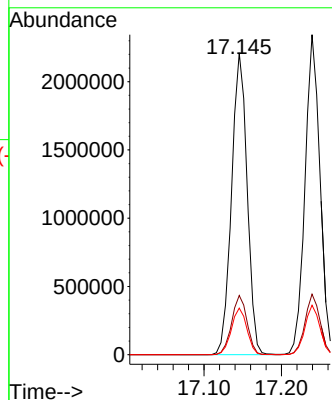
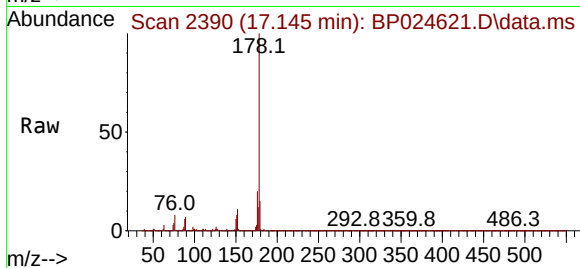
Tgt Ion:178 Resp: 3091665

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 79.228 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

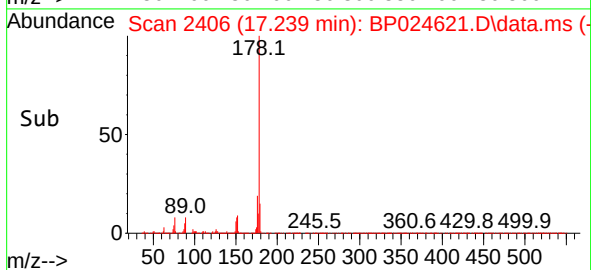
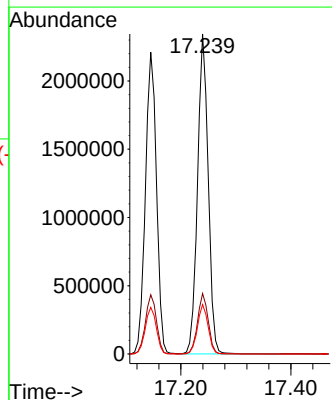
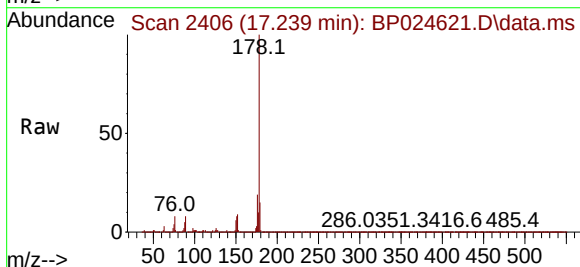
Tgt Ion:178 Resp: 3161669

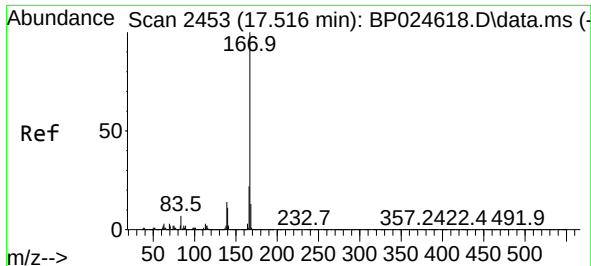
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.5 12.2 18.2

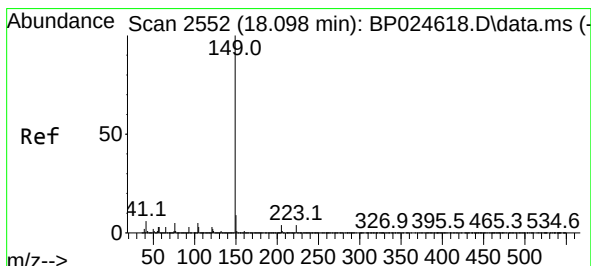
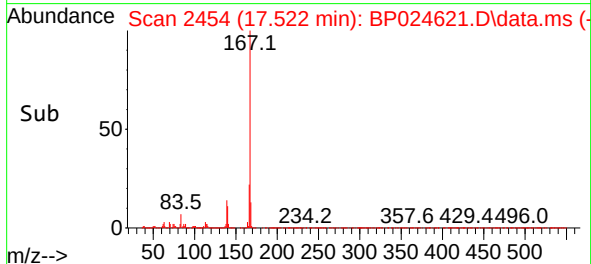
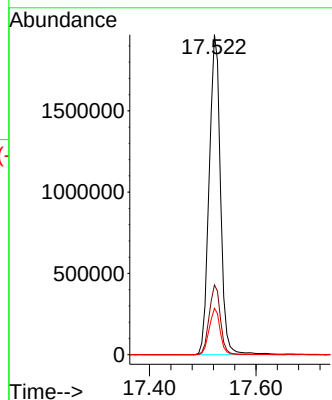
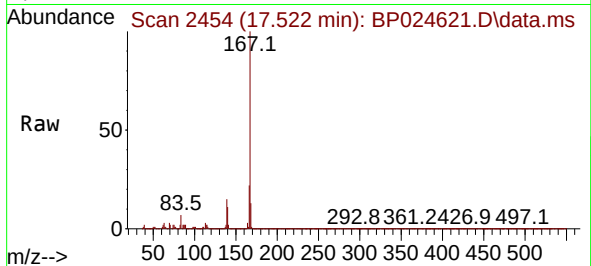




#73
 Carbazole
 Concen: 80.076 ng
 RT: 17.522 min Scan# 2453
 Delta R.T. 0.006 min
 Lab File: BP024621.D
 Acq: 13 May 2025 15:26

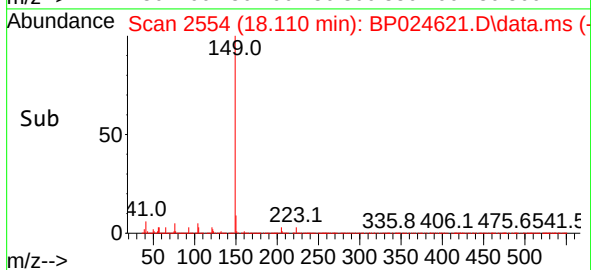
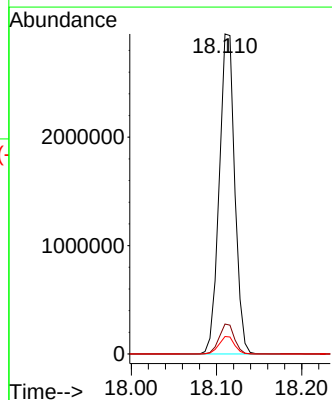
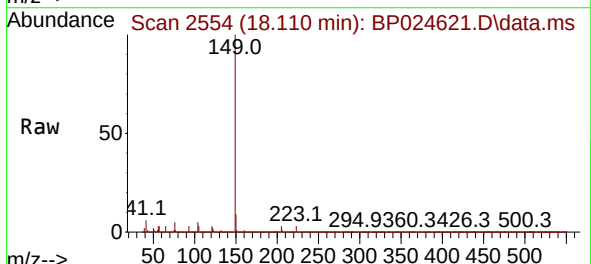
Instrument :
 BNA_P
 ClientSampleId :

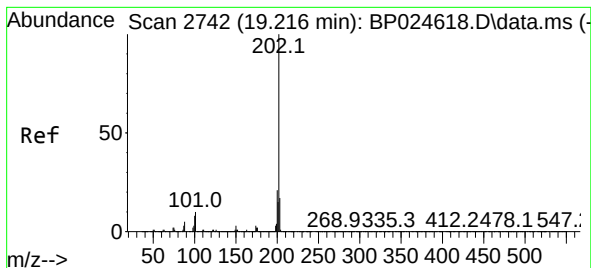
Tgt Ion:167 Resp: 2892236
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 14.5 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 80.684 ng
 RT: 18.110 min Scan# 2554
 Delta R.T. 0.012 min
 Lab File: BP024621.D
 Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 3747927
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.5 4.3 6.5

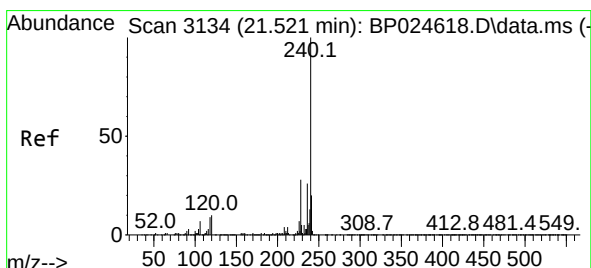
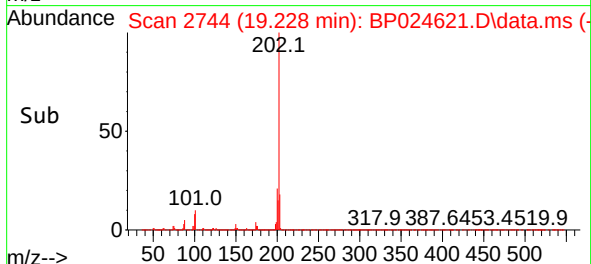
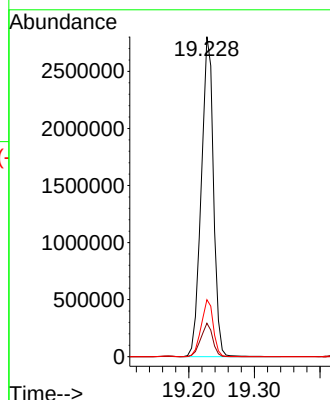
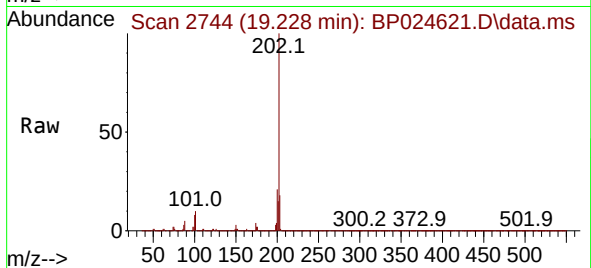




#75
Fluoranthene
Concen: 78.274 ng
RT: 19.228 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

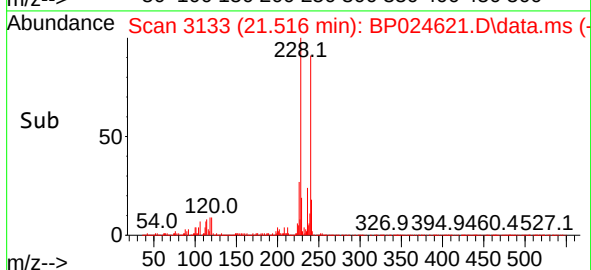
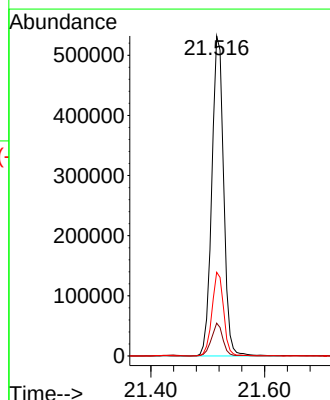
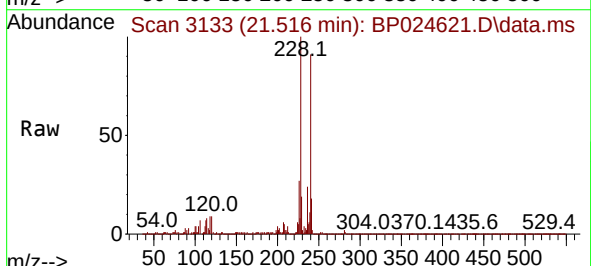
Instrument :
BNA_P
ClientSampleId :

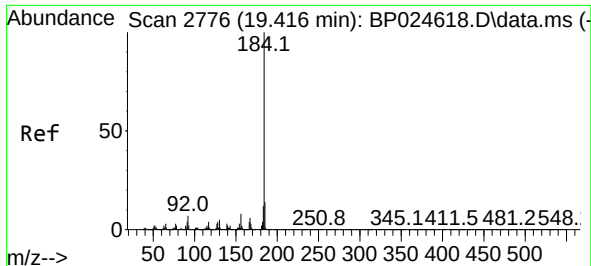
Tgt Ion:202 Resp: 3629085
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:240 Resp: 765954
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.2 20.6 31.0

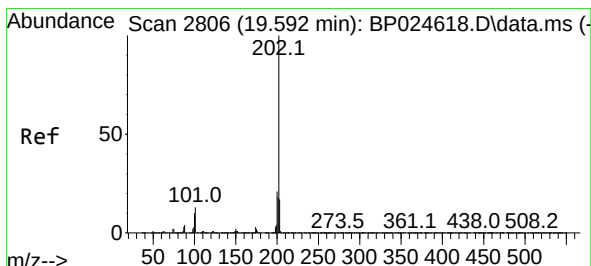
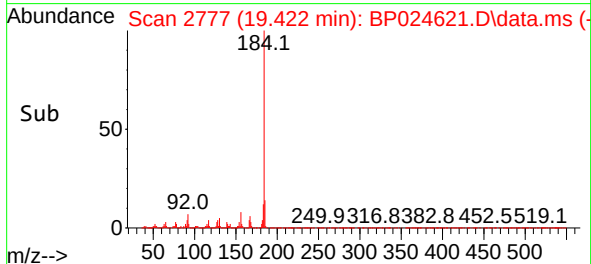
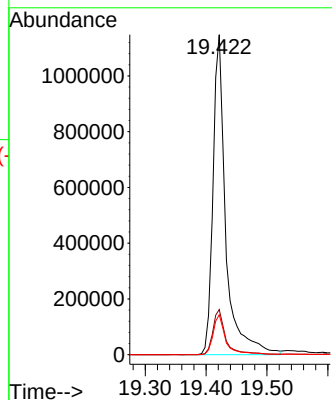
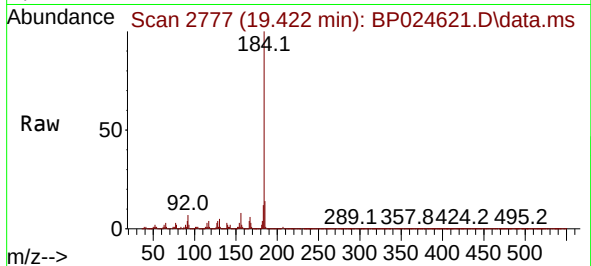




#77
Benzidine
Concen: 79.835 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

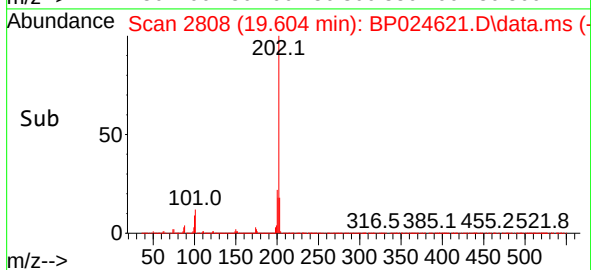
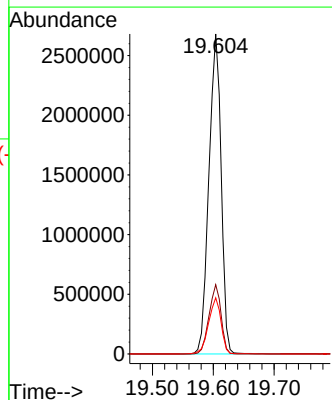
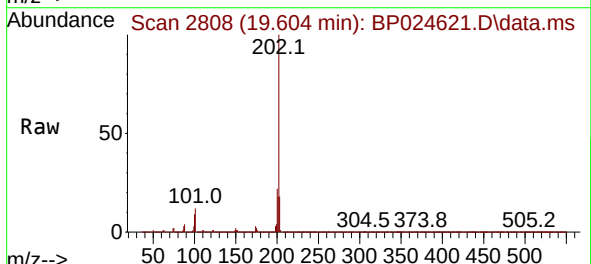
Instrument :
BNA_P
ClientSampleId :

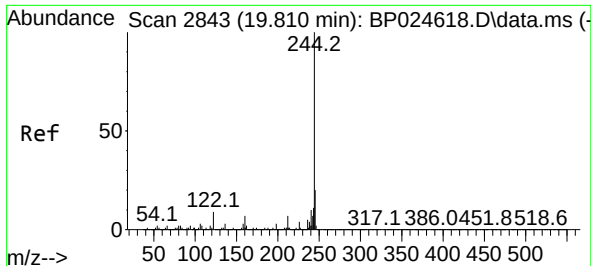
Tgt Ion:184 Resp: 1678507
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 81.650 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:202 Resp: 3747276
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 17.6 13.9 20.9

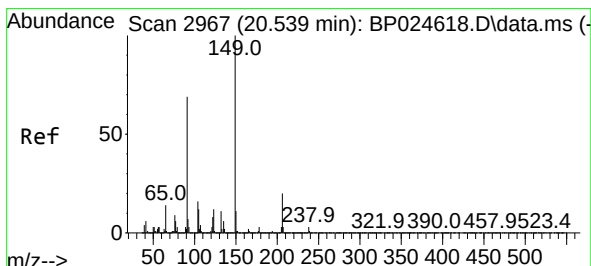
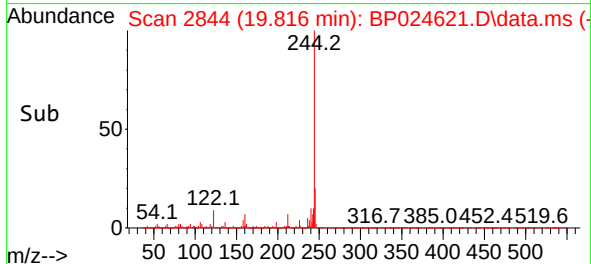
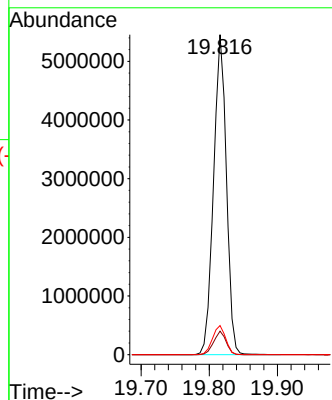
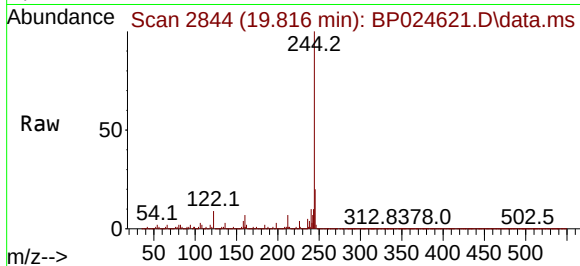




#79
 Terphenyl-d14
 Concen: 160.113 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024621.D
 Acq: 13 May 2025 15:26

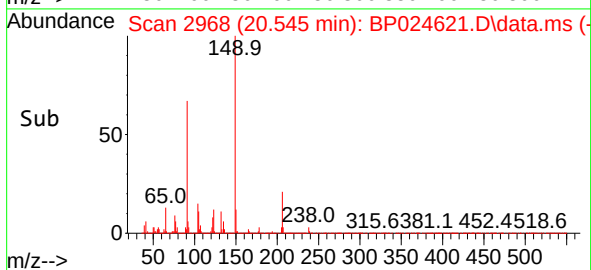
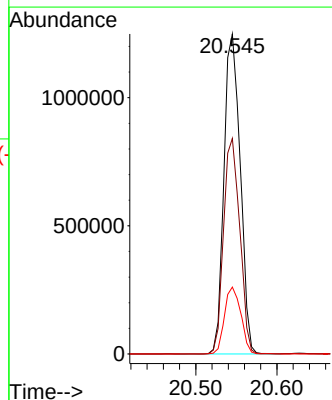
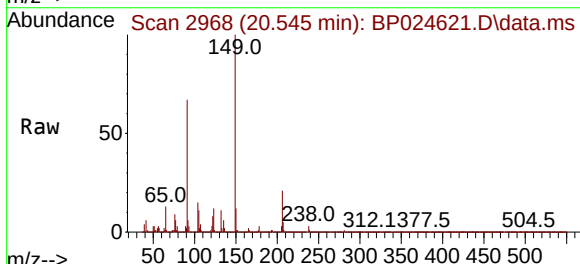
Instrument :
 BNA_P
 ClientSampleId :

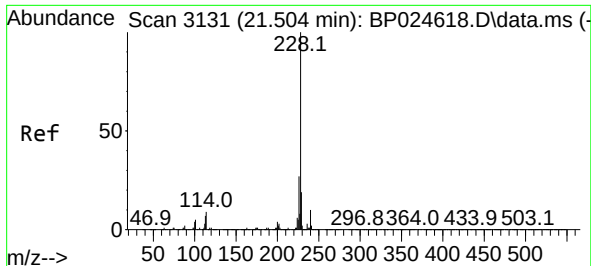
Tgt Ion:244 Resp: 7152255
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 9.1 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 85.344 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. 0.006 min
 Lab File: BP024621.D
 Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 1741954
 Ion Ratio Lower Upper
 149 100
 91 67.3 55.4 83.0
 206 20.9 16.2 24.2

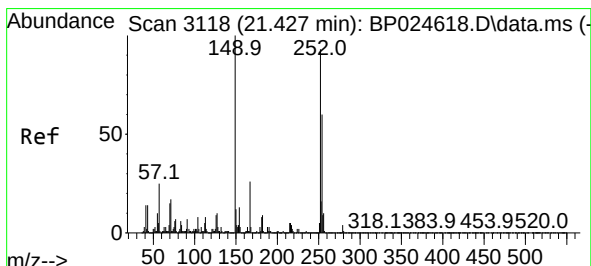
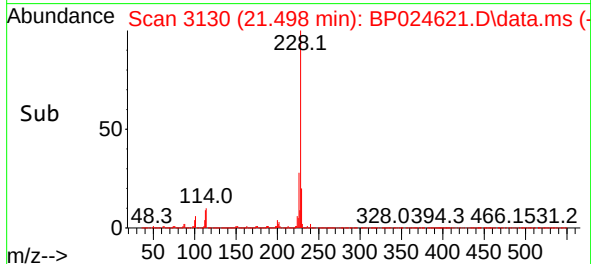
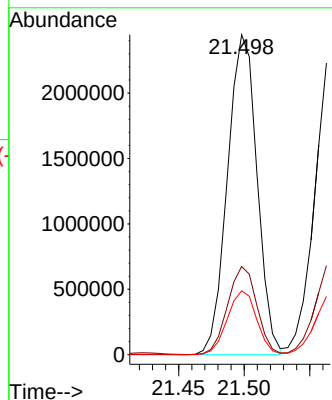
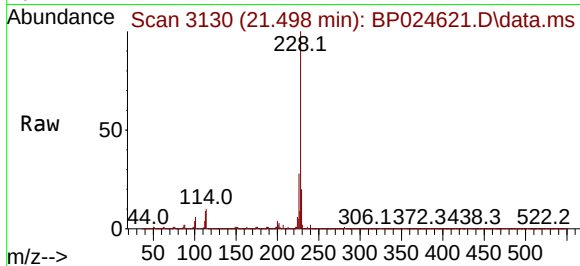




#81
Benzo(a)anthracene
Concen: 79.629 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

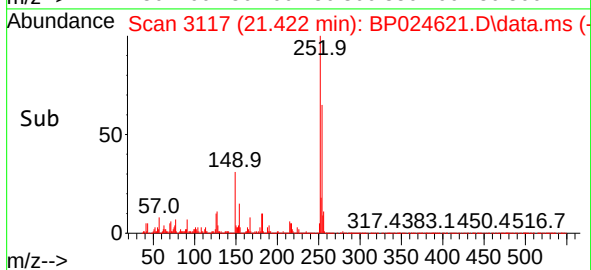
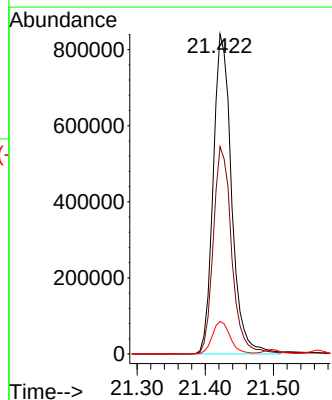
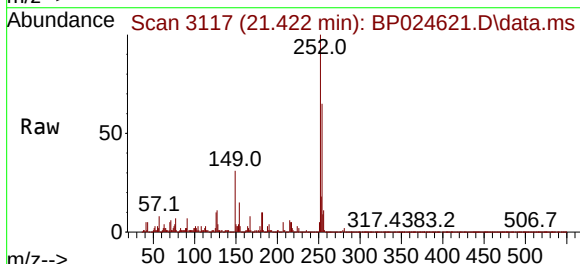
Instrument :
BNA_P
ClientSampleId :

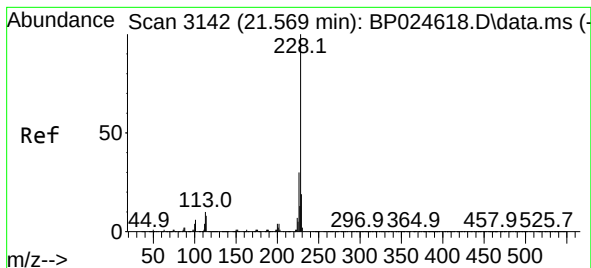
Tgt Ion:228 Resp: 3829787
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 88.207 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 1575691
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 10.2 7.7 11.5





#83

Chrysene

Concen: 79.290 ng

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

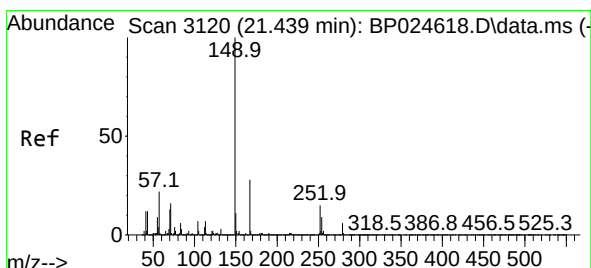
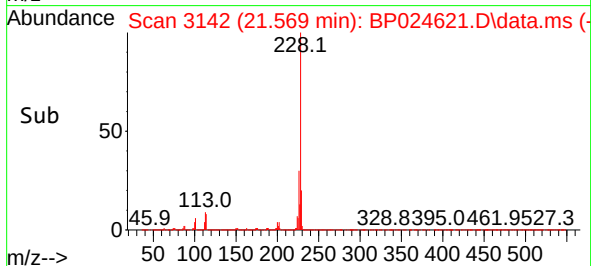
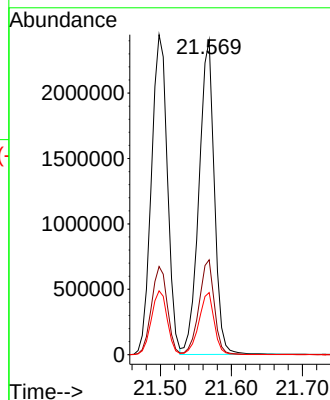
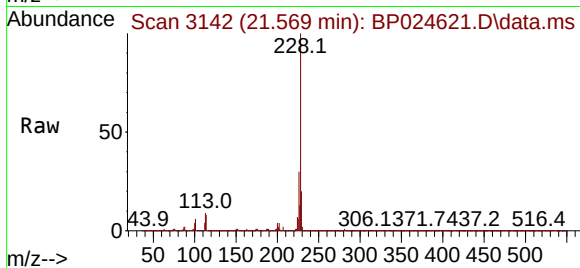
Tgt Ion:228 Resp: 3615014

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 85.913 ng

RT: 21.439 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

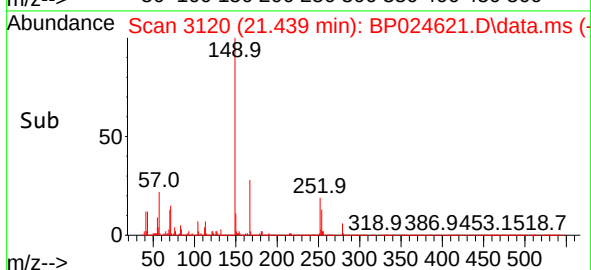
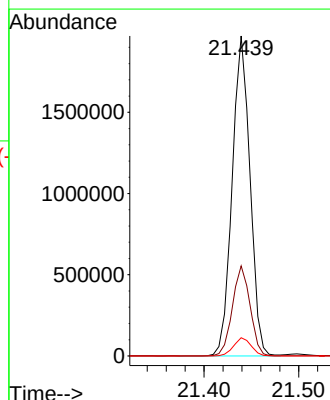
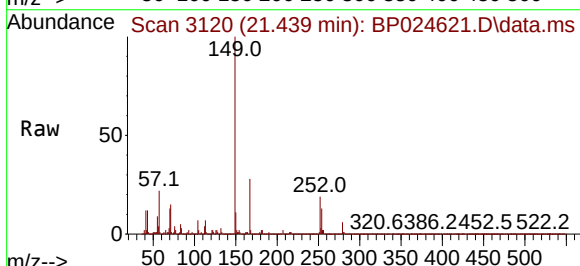
Tgt Ion:149 Resp: 2577445

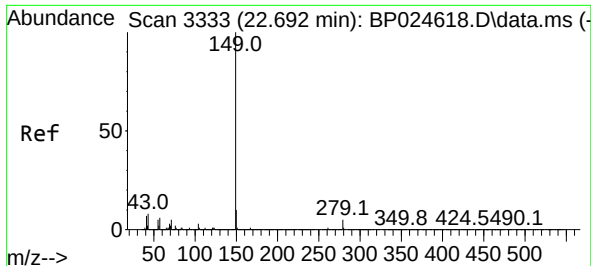
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 5.7 4.6 6.8

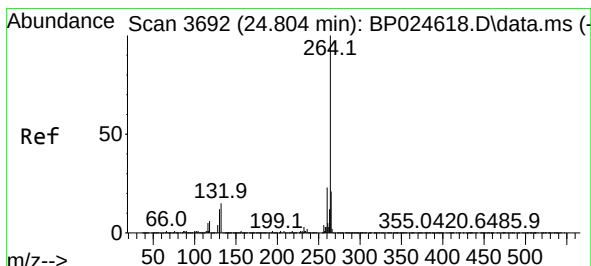
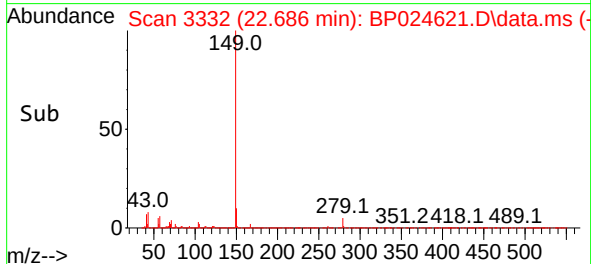
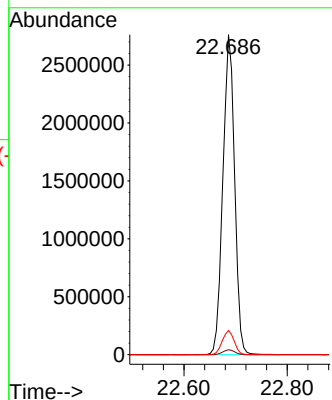
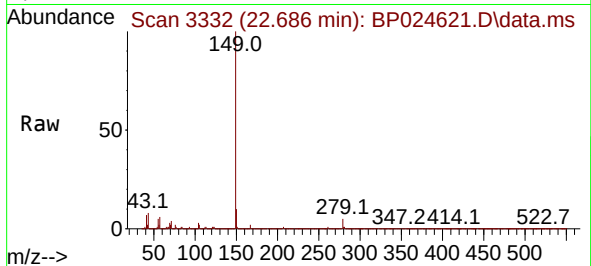




#85
Di-n-octyl phthalate
Concen: 88.498 ng
RT: 22.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

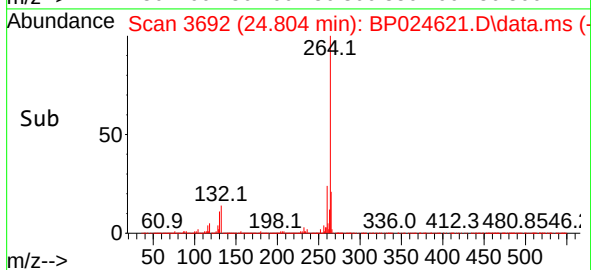
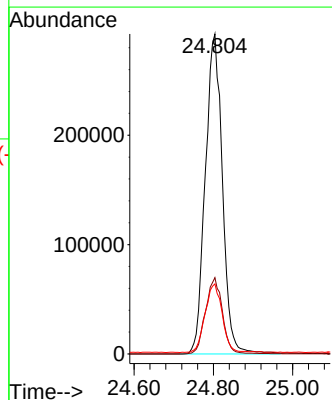
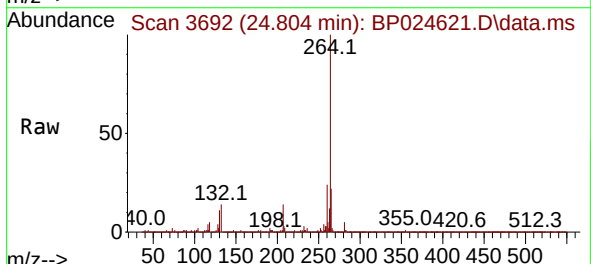
Instrument :
BNA_P
ClientSampleId :

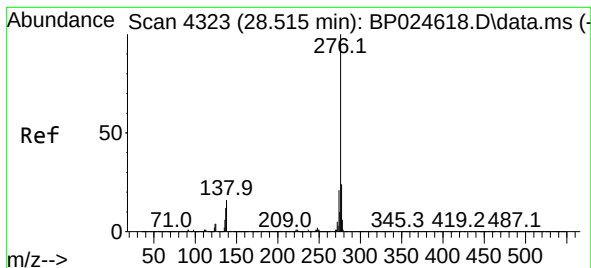
Tgt Ion:149 Resp: 4341653
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:264 Resp: 877352
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 68.278 ng

RT: 28.515 min Scan# 4323

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

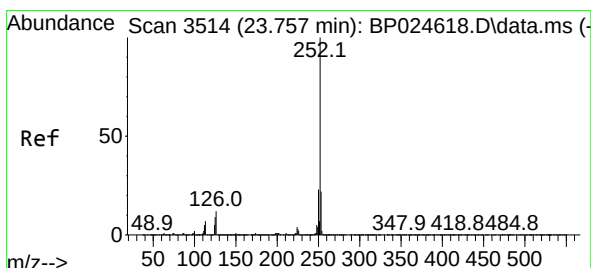
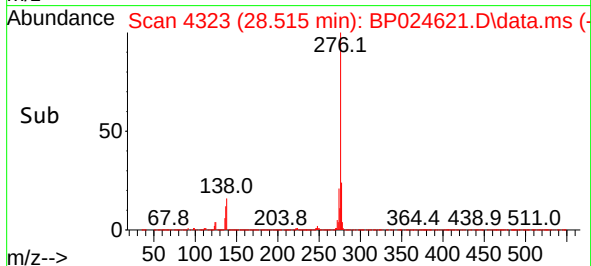
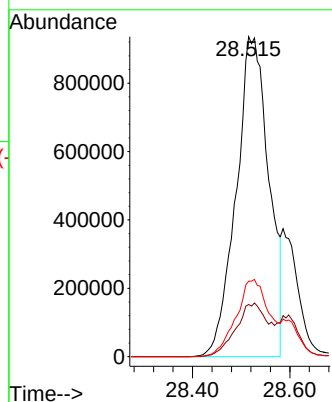
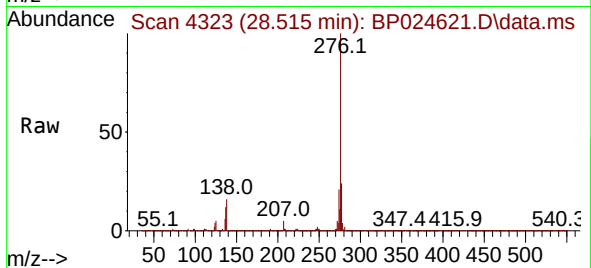
Tgt Ion:276 Resp: 4374706

Ion Ratio Lower Upper

276 100

138 16.4 11.2 16.8

277 24.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 83.113 ng

RT: 23.768 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

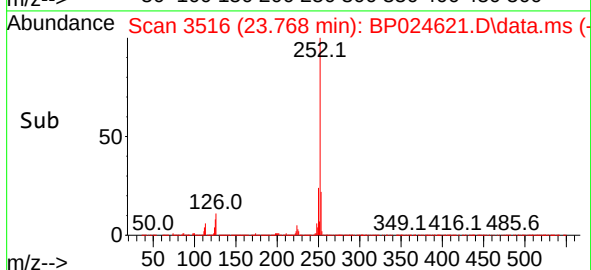
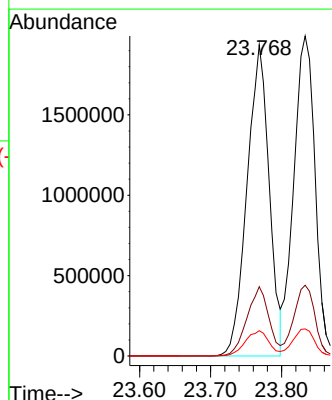
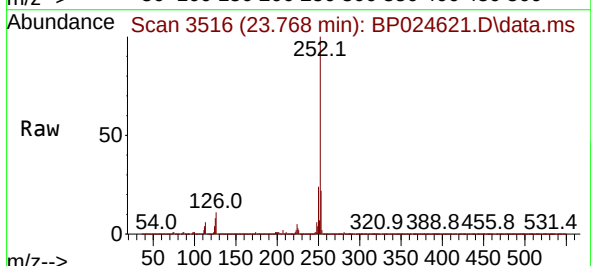
Tgt Ion:252 Resp: 4173798

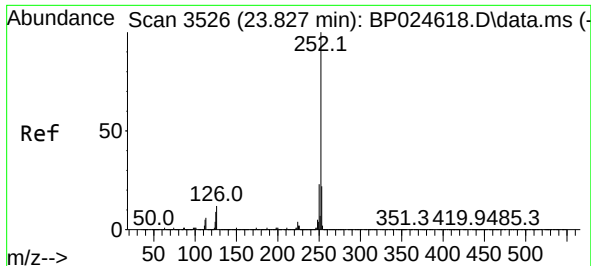
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 8.2 7.5 11.3

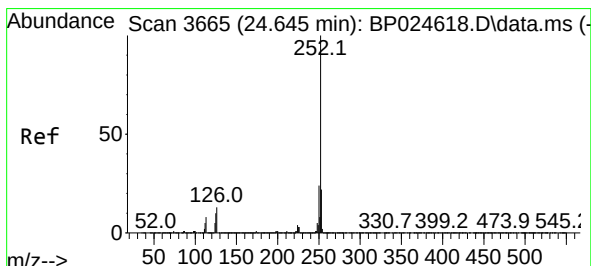
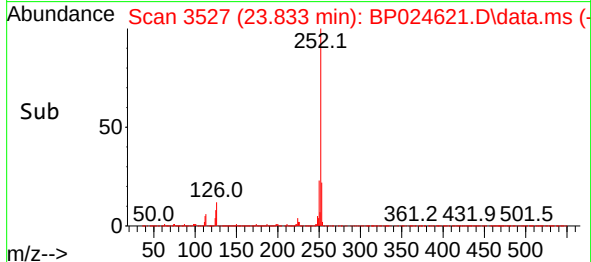
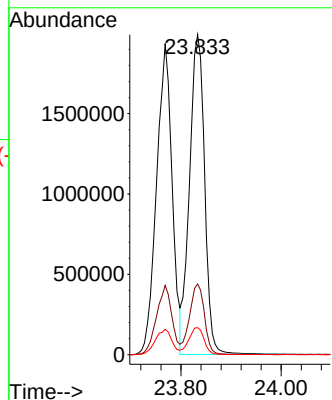
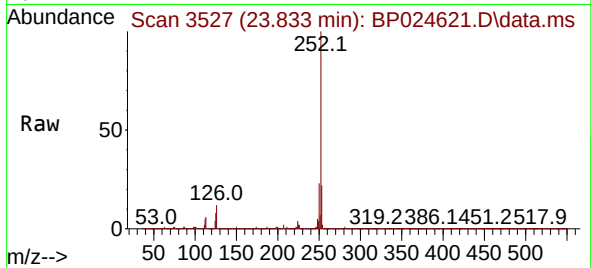




#89
Benzo(k)fluoranthene
Concen: 80.397 ng
RT: 23.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

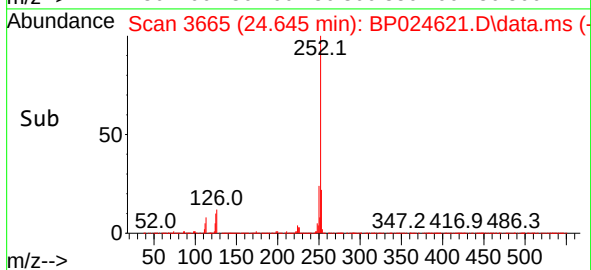
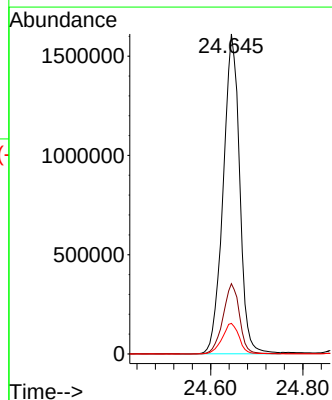
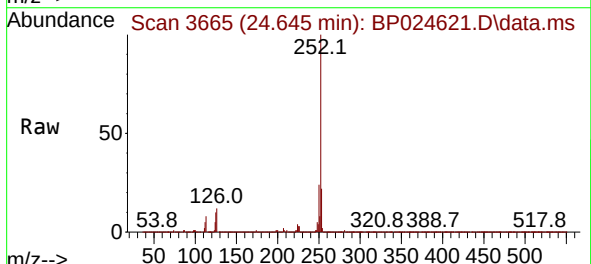
Instrument :
BNA_P
ClientSampleId :

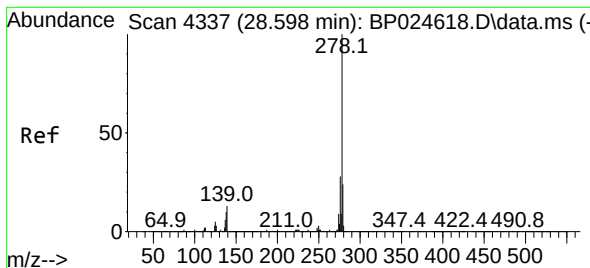
Tgt Ion:252 Resp: 4160268
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.5 7.0 10.4



#90
Benzo(a)pyrene
Concen: 82.694 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 3988360
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 83.260 ng

RT: 28.598 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

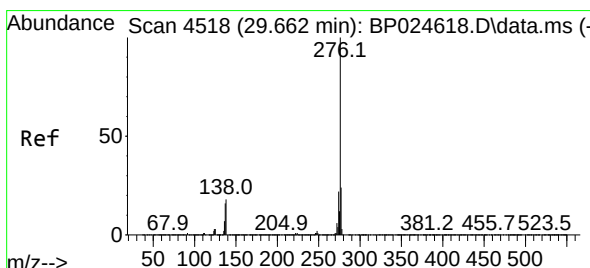
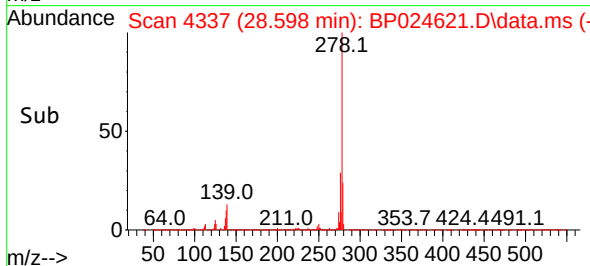
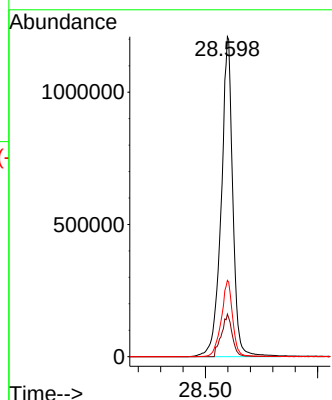
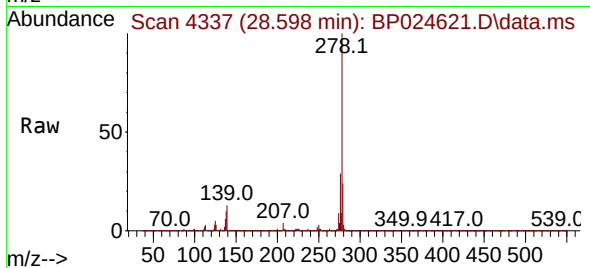
Tgt Ion:278 Resp: 4338518

Ion Ratio Lower Upper

278 100

139 13.3 10.2 15.4

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 82.083 ng

RT: 29.680 min Scan# 4521

Delta R.T. 0.018 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 4253459

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 17.3 14.4 21.6

