

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052725\
 Data File : BP024808.D
 Acq On : 27 May 2025 11:43
 Operator : RC/JU
 Sample : PB168156BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168156BS

Quant Time: May 27 12:21:09 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 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	144142	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	557481	20.000	ng	-0.02
39) Acenaphthene-d10	14.275	164	333540	20.000	ng	-0.03
64) Phenanthrene-d10	17.075	188	663816	20.000	ng	-0.02
76) Chrysene-d12	21.492	240	754771	20.000	ng	-0.03
86) Perylene-d12	24.768	264	873725	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1141010	135.391	ng	0.00
7) Phenol-d6	6.852	99	1338401	124.435	ng	0.00
23) Nitrobenzene-d5	8.799	82	827382	74.989	ng	-0.01
42) 2,4,6-Tribromophenol	15.792	330	871315	154.093	ng	-0.02
45) 2-Fluorobiphenyl	12.887	172	2114361	83.051	ng	-0.02
79) Terphenyl-d14	19.798	244	3592964	81.625	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	133395	33.708	ng	98
3) Pyridine	3.617	79	308498	35.157	ng	97
4) n-Nitrosodimethylamine	3.528	42	163879	42.304	ng	93
6) Aniline	6.993	93	298772	21.515	ng	100
8) 2-Chlorophenol	7.228	128	444041	46.414	ng	97
9) Benzaldehyde	6.810	77	235934	33.886	ng	99
10) Phenol	6.875	94	480150	43.251	ng	96
11) bis(2-Chloroethyl)ether	7.087	93	355835	39.008	ng	97
12) 1,3-Dichlorobenzene	7.540	146	484507	44.018	ng	98
13) 1,4-Dichlorobenzene	7.687	146	492390	44.478	ng	99
14) 1,2-Dichlorobenzene	7.999	146	470522	43.618	ng	97
15) Benzyl Alcohol	7.899	79	339883	41.583	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	421374	38.572	ng	98
17) 2-Methylphenol	8.105	107	342157	42.972	ng	99
18) Hexachloroethane	8.704	117	181592	42.805	ng	98
19) n-Nitroso-di-n-propyla...	8.452	70	265440	35.676	ng	95
20) 3+4-Methylphenols	8.434	107	458203	42.305	ng	98
22) Acetophenone	8.463	105	606817	43.576	ng	99
24) Nitrobenzene	8.840	77	411810	42.413	ng	95
25) Isophorone	9.357	82	753049	39.346	ng	97
26) 2-Nitrophenol	9.546	139	235742	49.548	ng	98
27) 2,4-Dimethylphenol	9.616	122	392332	46.770	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	476348	41.659	ng	98
29) 2,4-Dichlorophenol	10.093	162	401711	49.417	ng	97
30) 1,2,4-Trichlorobenzene	10.281	180	438609	47.881	ng	97
31) Naphthalene	10.463	128	1309822	45.340	ng	100
32) Benzoic acid	9.804	122	244144	42.770	ng	96
33) 4-Chloroaniline	10.593	127	204885	17.575	ng	98
34) Hexachlorobutadiene	10.746	225	290020	48.872	ng	97
35) Caprolactam	11.393	113	122501	41.652	ng	95
36) 4-Chloro-3-methylphenol	11.728	107	435188	43.900	ng	97
37) 2-Methylnaphthalene	12.081	142	833068	44.535	ng	99
38) 1-Methylnaphthalene	12.298	142	867974	43.366	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	490136	50.605	ng	99
41) Hexachlorocyclopentadiene	12.428	237	659138	112.231	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	327087	52.138	ng	100

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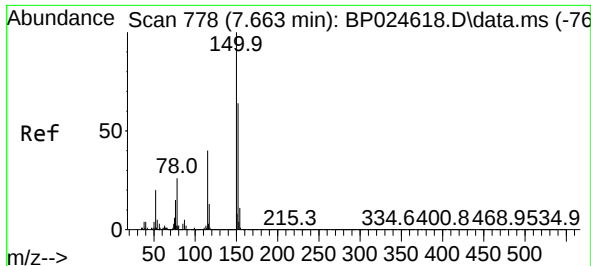
Quant Time: May 27 12:21:09 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	349771	50.088	ng	97
46) 1,1'-Biphenyl	13.098	154	1152119	46.735	ng	99
47) 2-Chloronaphthalene	13.140	162	885749	47.123	ng	100
48) 2-Nitroaniline	13.357	65	243849	43.819	ng	93
49) Acenaphthylene	13.992	152	1449618	46.084	ng	99
50) Dimethylphthalate	13.734	163	1139993	44.842	ng	100
51) 2,6-Dinitrotoluene	13.857	165	247271	46.054	ng	99
52) Acenaphthene	14.334	154	826382	45.698	ng	99
53) 3-Nitroaniline	14.198	138	123893	22.599	ng	98
54) 2,4-Dinitrophenol	14.416	184	299870	87.884	ng	96
55) Dibenzofuran	14.675	168	1327031	46.007	ng	99
56) 4-Nitrophenol	14.545	139	367721	77.610	ng	97
57) 2,4-Dinitrotoluene	14.657	165	365937	48.344	ng	97
58) Fluorene	15.339	166	1090961	46.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.916	232	321400	49.614	ng	96
60) Diethylphthalate	15.116	149	1168537	45.477	ng	99
61) 4-Chlorophenyl-phenyle...	15.328	204	558010	47.574	ng	99
62) 4-Nitroaniline	15.381	138	226043	42.702	ng	99
63) Azobenzene	15.628	77	912295	41.503	ng	94
65) 4,6-Dinitro-2-methylph...	15.445	198	205860	48.010	ng	94
66) n-Nitrosodiphenylamine	15.551	169	956381	46.905	ng	99
67) 4-Bromophenyl-phenylether	16.239	248	383581	49.038	ng	98
68) Hexachlorobenzene	16.363	284	490203	49.319	ng	97
69) Atrazine	16.533	200	364704	48.807	ng	99
70) Pentachlorophenol	16.728	266	627557	112.477	ng	97
71) Phenanthrene	17.116	178	1690348	45.806	ng	100
72) Anthracene	17.204	178	1724203	46.439	ng	100
73) Carbazole	17.492	167	1589773	47.308	ng	100
74) Di-n-butylphthalate	18.080	149	2016988	46.670	ng	100
75) Fluoranthene	19.204	202	2029843	47.056	ng	99
77) Benzidine	19.410	184	726363	35.334	ng	100
78) Pyrene	19.580	202	2060591	45.564	ng	100
80) Butylbenzylphthalate	20.527	149	951232	47.294	ng	93
81) Benzo(a)anthracene	21.474	228	2212139	46.676	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	568250	32.282	ng	99
83) Chrysene	21.539	228	2055797	45.759	ng	99
84) Bis(2-ethylhexyl)phtha...	21.416	149	1404288	47.502	ng	98
85) Di-n-octyl phthalate	22.651	149	2361682	48.852	ng	99
87) Indeno(1,2,3-cd)pyrene	28.456	276	3031662	47.528	ng	# 91
88) Benzo(b)fluoranthene	23.721	252	2354335	47.077	ng	99
89) Benzo(k)fluoranthene	23.792	252	2403832	46.647	ng	99
90) Benzo(a)pyrene	24.615	252	2274584	47.357	ng	99
91) Dibenzo(a,h)anthracene	28.527	278	2469568	47.590	ng	99
92) Benzo(g,h,i)perylene	29.592	276	2417887	46.854	ng	98

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

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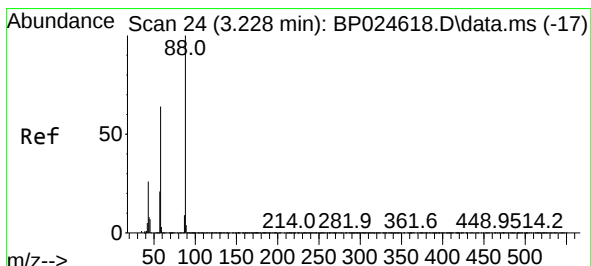
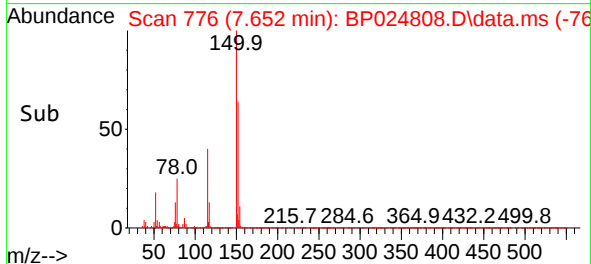
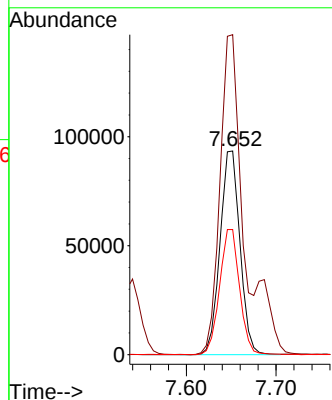
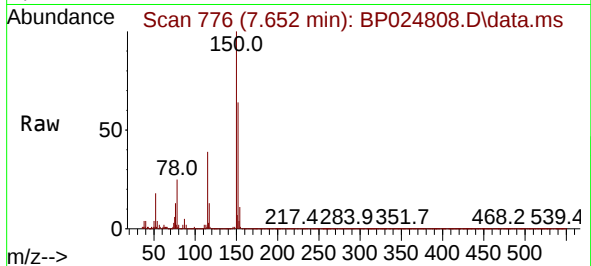




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

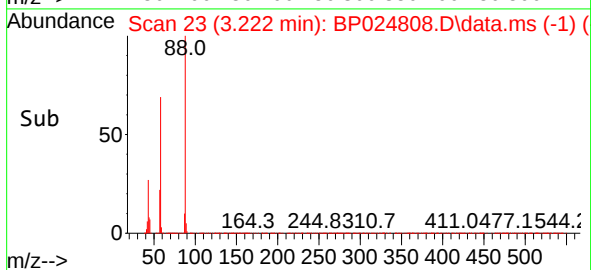
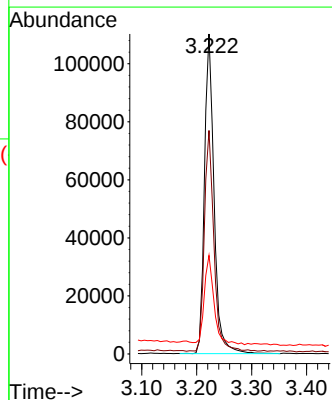
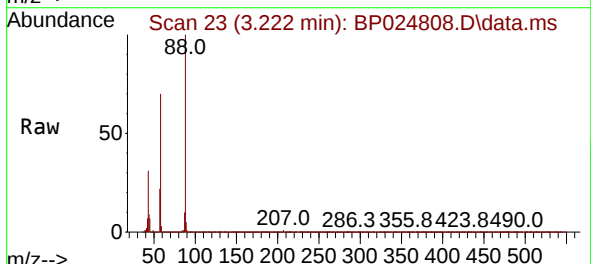
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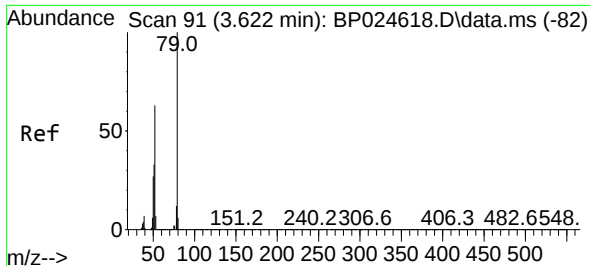
Tgt Ion:152 Resp: 144142
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 61.4 50.1 75.1



#2
1,4-Dioxane
Concen: 33.708 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 88 Resp: 133395
Ion Ratio Lower Upper
88 100
58 68.1 54.0 81.0
43 28.7 21.4 32.0

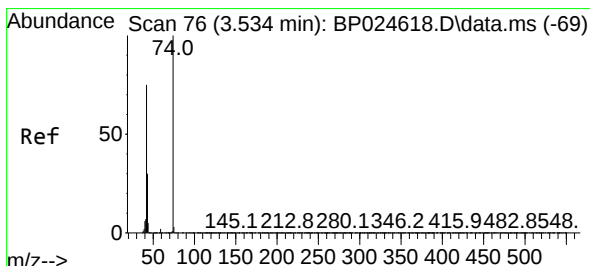
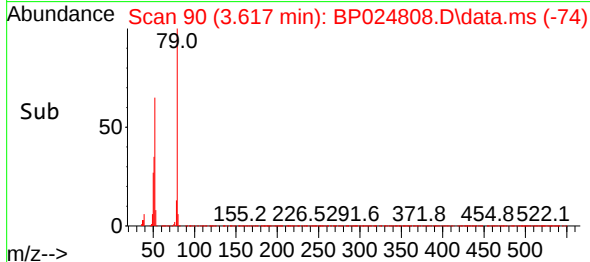
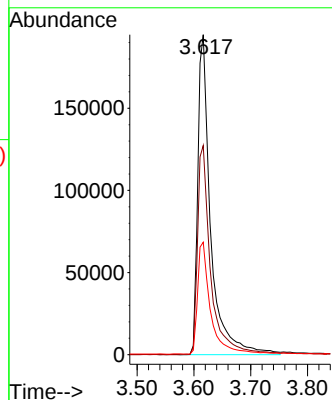
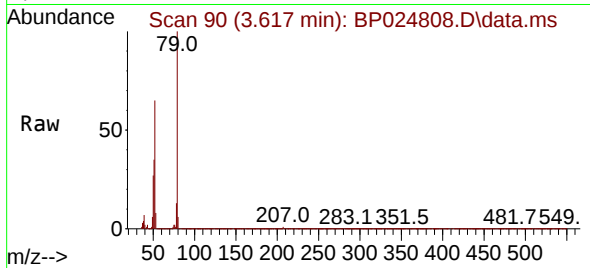




#3
Pyridine
Concen: 35.157 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

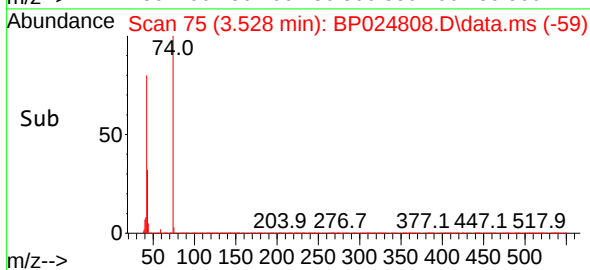
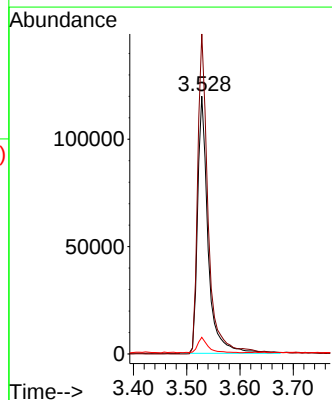
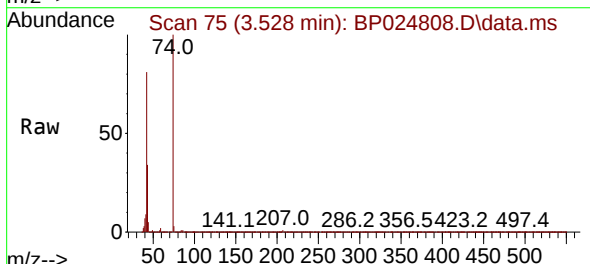
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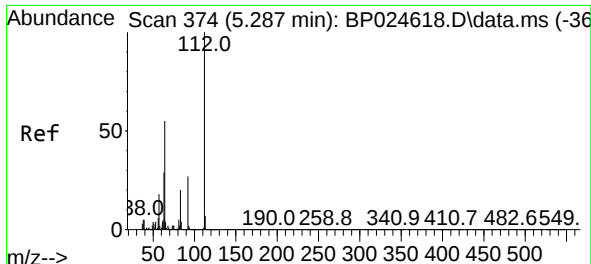
Tgt Ion: 79 Resp: 308498
Ion Ratio Lower Upper
79 100
52 65.3 50.2 75.2
51 35.1 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 42.304 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 42 Resp: 163879
Ion Ratio Lower Upper
42 100
74 124.1 106.2 159.2
44 6.5 5.4 8.2

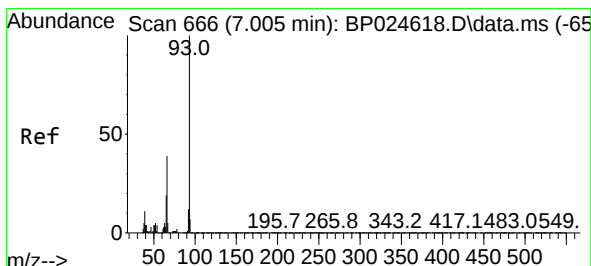
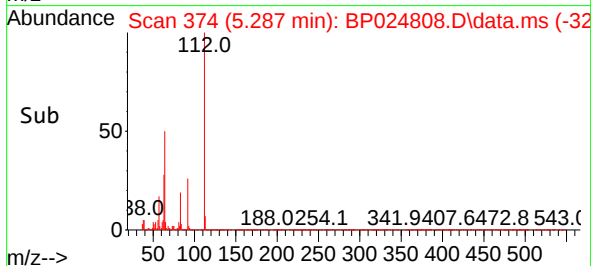
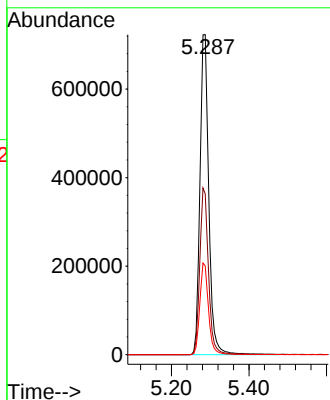
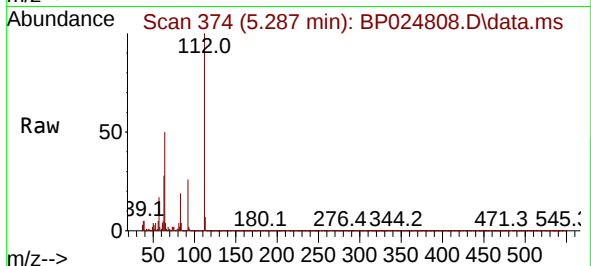




#5
2-Fluorophenol
Concen: 135.391 ng
RT: 5.287 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

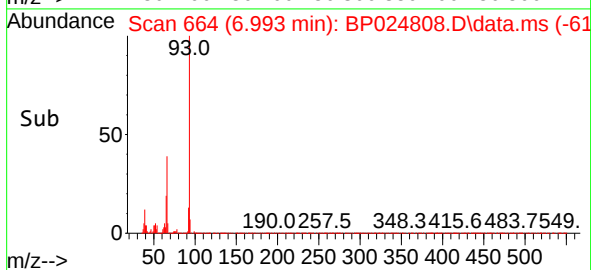
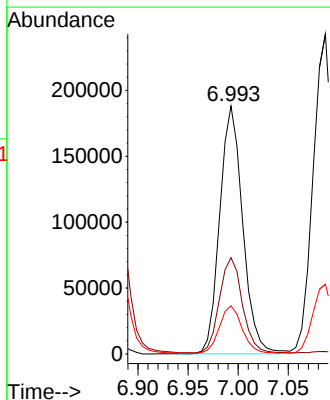
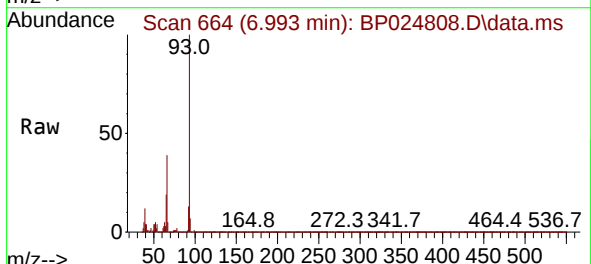
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Tgt Ion:112 Resp: 1141010
Ion Ratio Lower Upper
112 100
64 50.3 44.1 66.1
63 27.7 23.5 35.3



#6
Aniline
Concen: 21.515 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 93 Resp: 298772
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.4 15.5 23.3



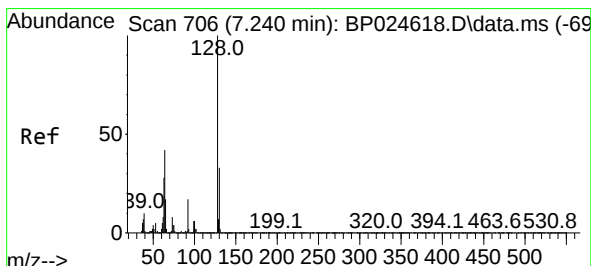
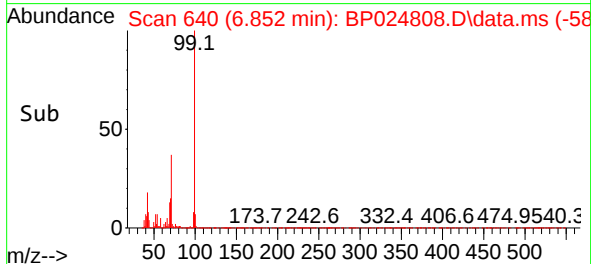
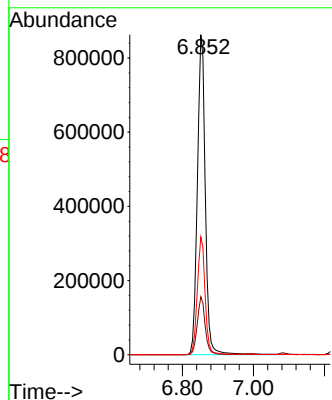
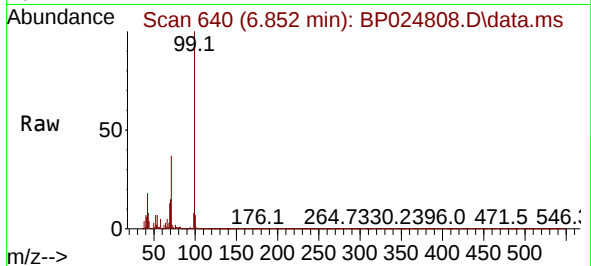


#7
Phenol-d6
Concen: 124.435 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024808.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 1338401

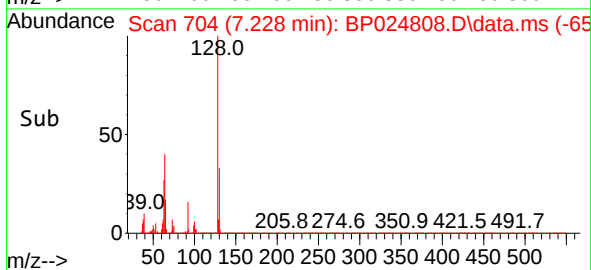
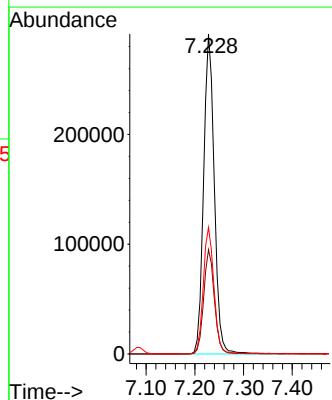
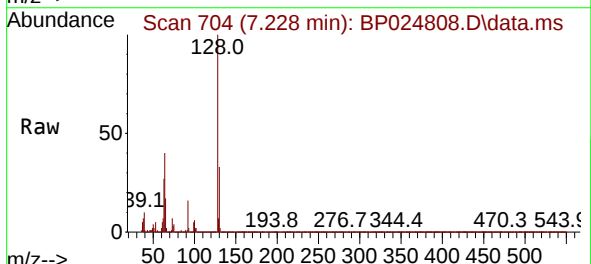
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.4	21.6
71	36.8	29.2	43.8

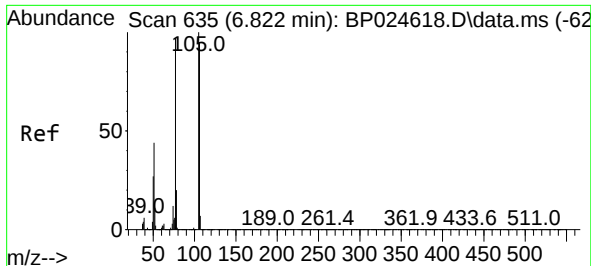


#8
2-Chlorophenol
Concen: 46.414 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
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Tgt Ion: 128 Resp: 444041

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	39.6	22.3	62.3

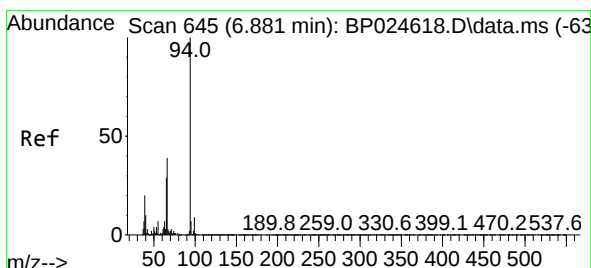
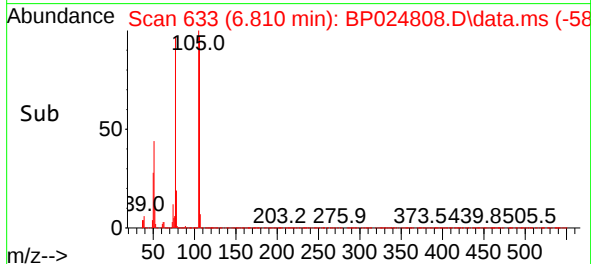
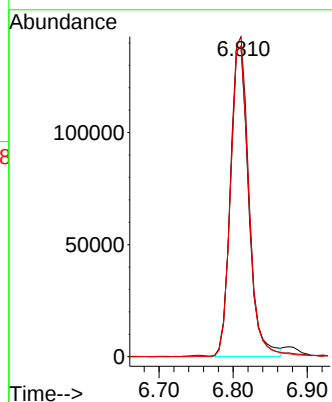
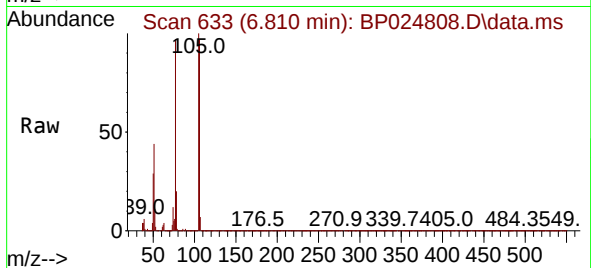




#9
Benzaldehyde
Concen: 33.886 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

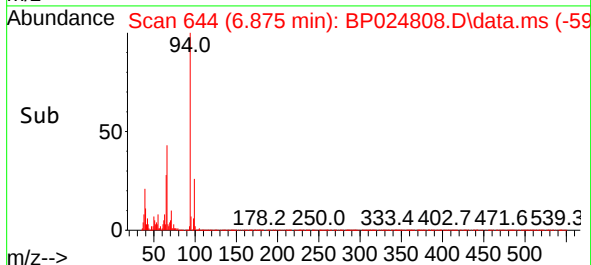
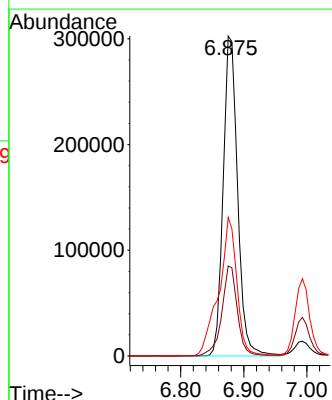
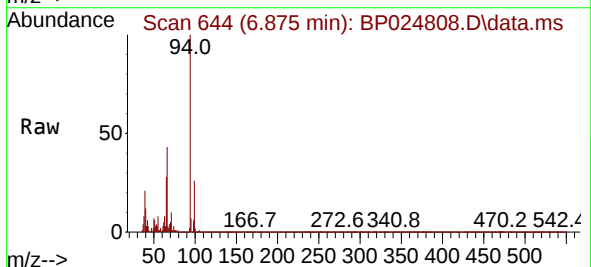
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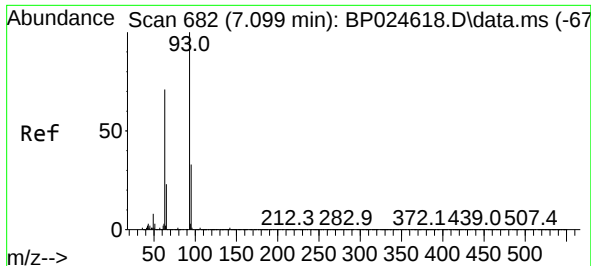
Tgt Ion: 77 Resp: 235934
Ion Ratio Lower Upper
77 100
105 103.0 83.3 123.3
106 100.0 78.0 118.0



#10
Phenol
Concen: 43.251 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 480150
Ion Ratio Lower Upper
94 100
65 28.1 8.7 48.7
66 43.3 19.4 59.4

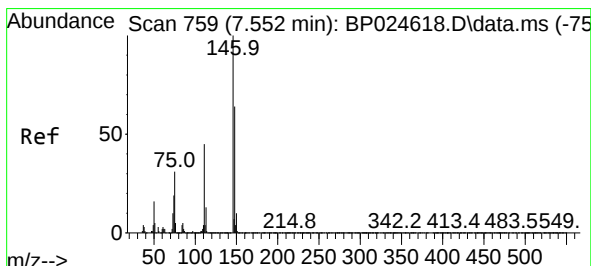
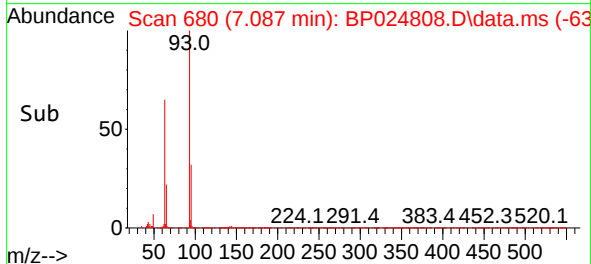
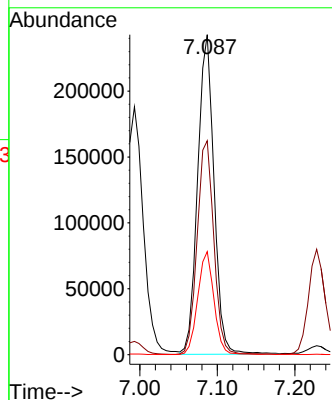
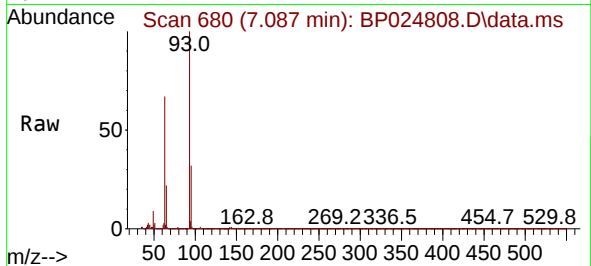




#11
bis(2-Chloroethyl)ether
Concen: 39.008 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

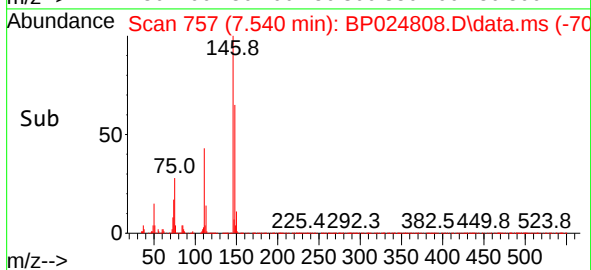
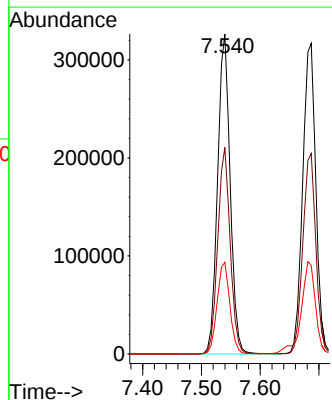
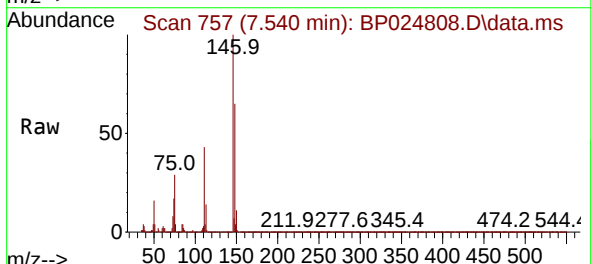
Instrument :
BNA_P
ClientSampleId :
PB168156BS

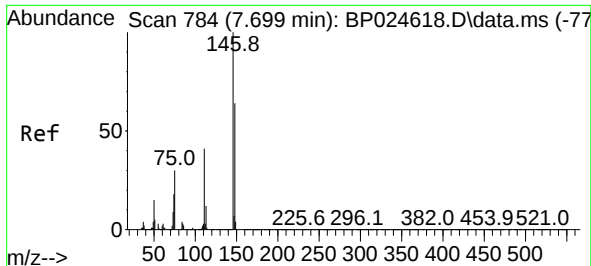
Tgt Ion: 93 Resp: 355835
Ion Ratio Lower Upper
93 100
63 66.9 50.6 90.6
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.018 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 146 Resp: 484507
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 28.6 25.2 37.8

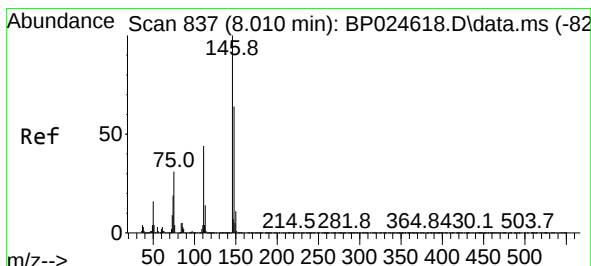
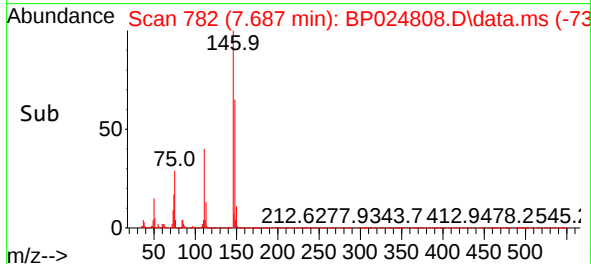
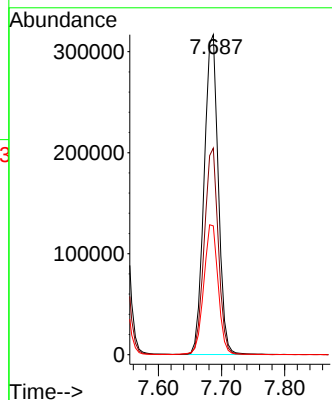
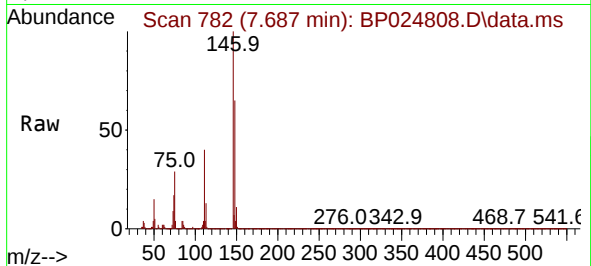




#13
1,4-Dichlorobenzene
Concen: 44.478 ng
RT: 7.687 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

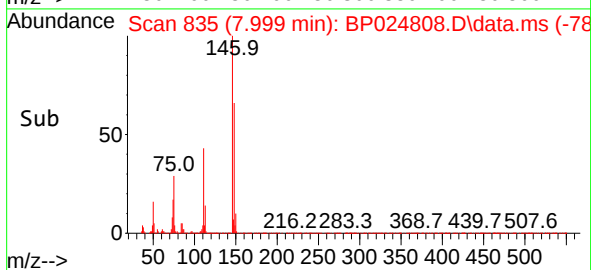
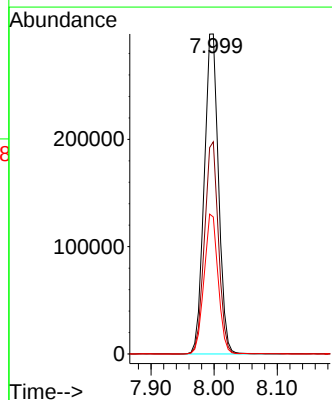
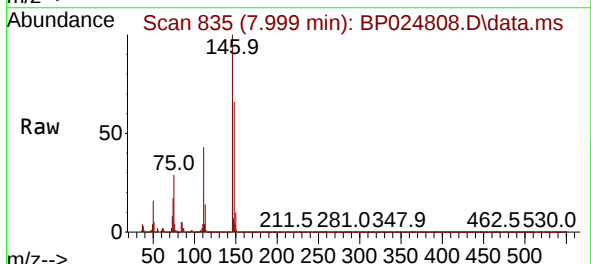
Instrument :
BNA_P
ClientSampleId :
PB168156BS

Tgt Ion:146 Resp: 492390
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 40.2 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 43.618 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:146 Resp: 470522
Ion Ratio Lower Upper
146 100
148 66.3 51.0 76.4
111 42.8 35.2 52.8

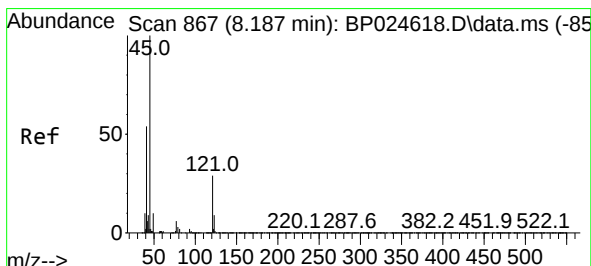
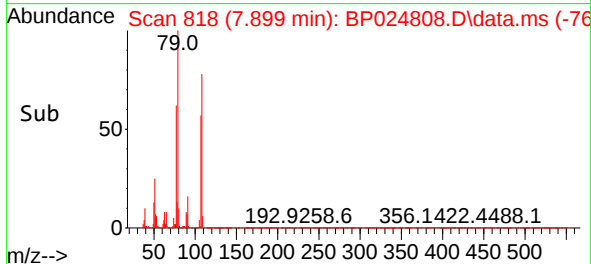
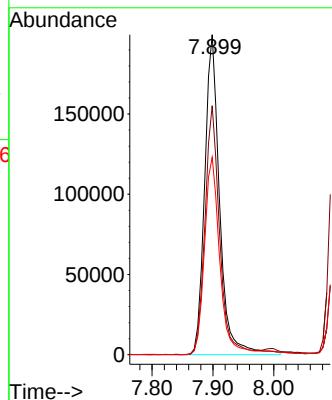
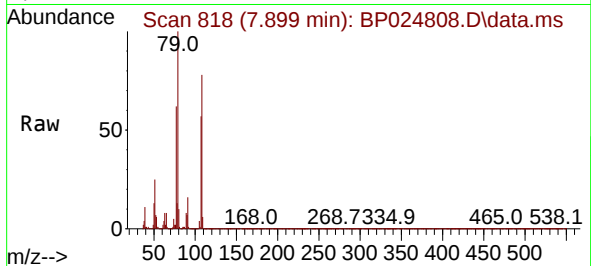




#15
Benzyl Alcohol
Concen: 41.583 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

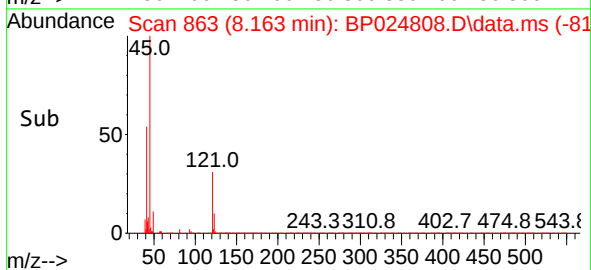
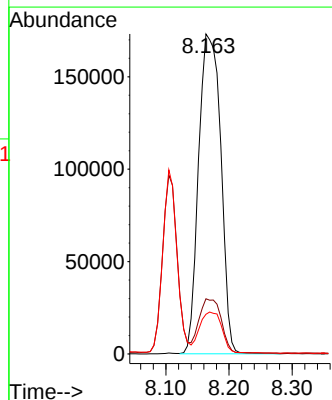
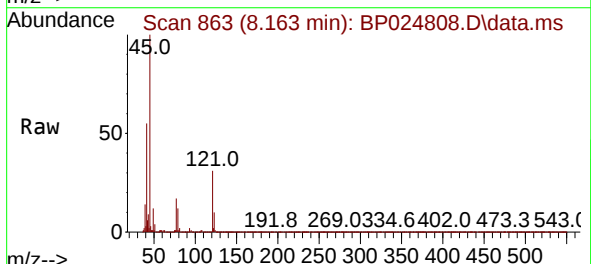
Instrument :
BNA_P
ClientSampleId :
PB168156BS

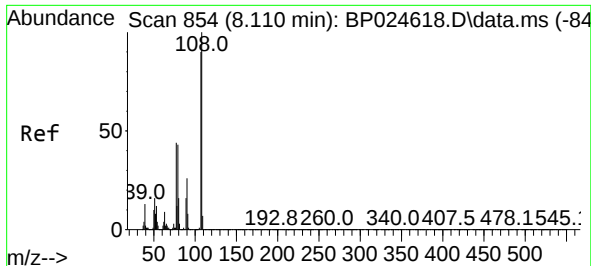
Tgt Ion: 79 Resp: 339883
Ion Ratio Lower Upper
79 100
108 77.8 60.8 91.2
77 61.7 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.572 ng
RT: 8.163 min Scan# 863
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

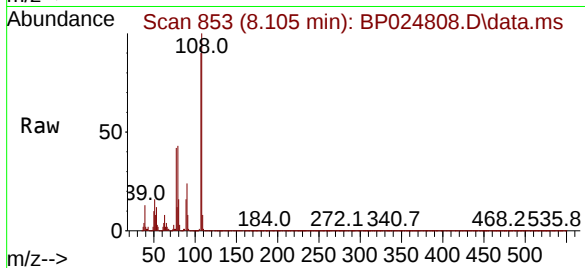
Tgt Ion: 45 Resp: 421374
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 12.4 0.0 34.0



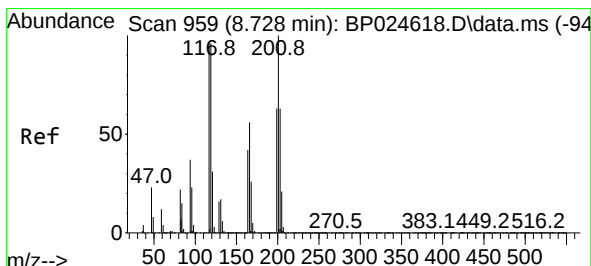
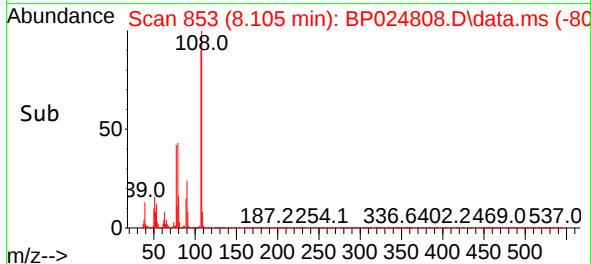
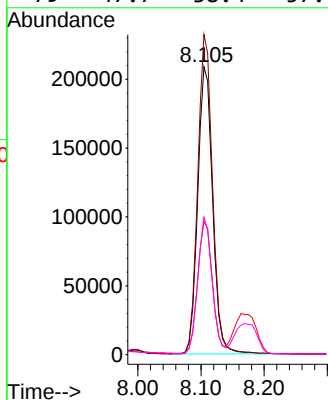


#17
2-Methylphenol
Concen: 42.972 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Instrument :
BNA_P
ClientSampleId :
PB168156BS

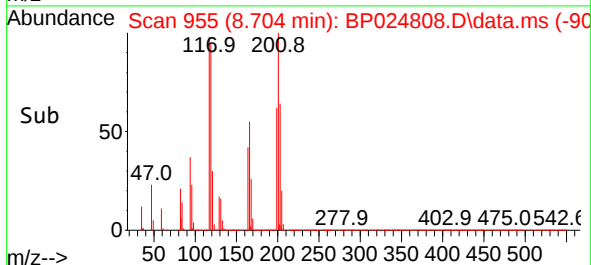
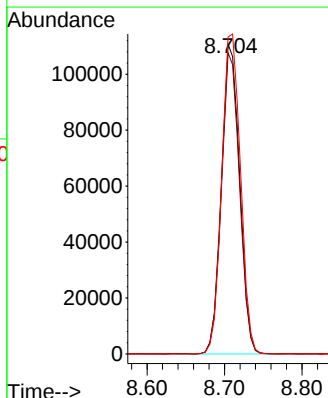
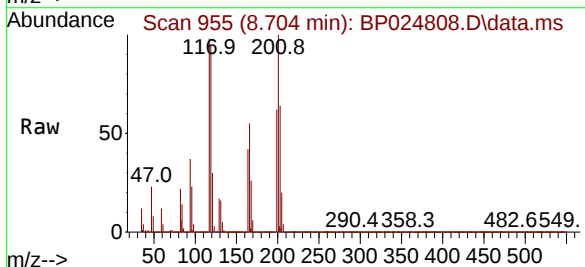


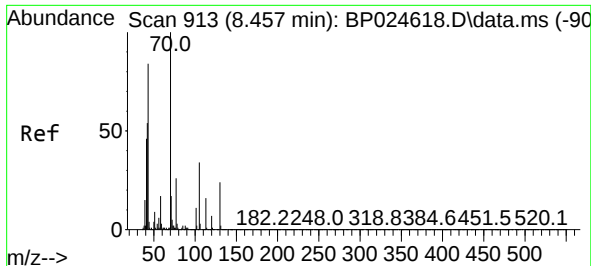
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	46.3	39.0	58.6
79	47.7	38.4	57.6



#18
Hexachloroethane
Concen: 42.805 ng
RT: 8.704 min Scan# 955
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.4	119.0
201	102.3	82.7	124.1

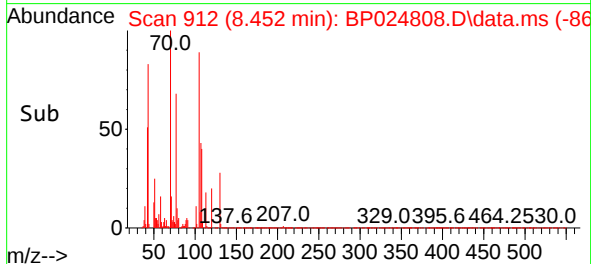
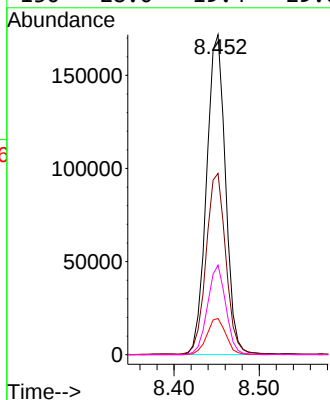
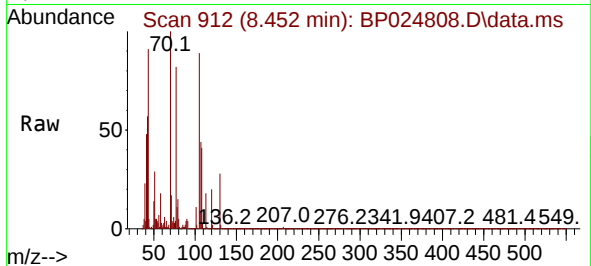




#19
n-Nitroso-di-n-propylamine
Concen: 35.676 ng
RT: 8.452 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

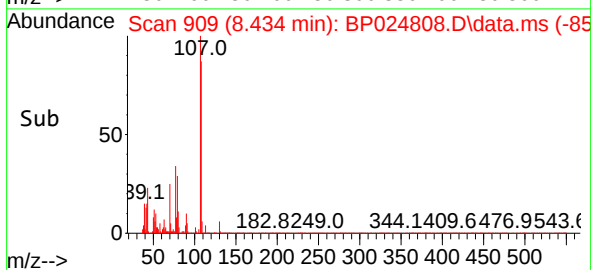
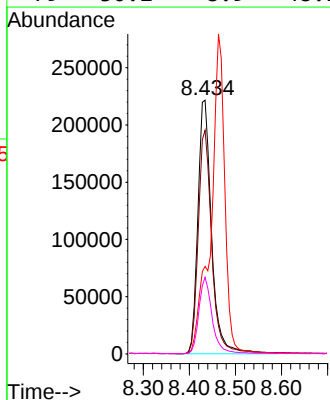
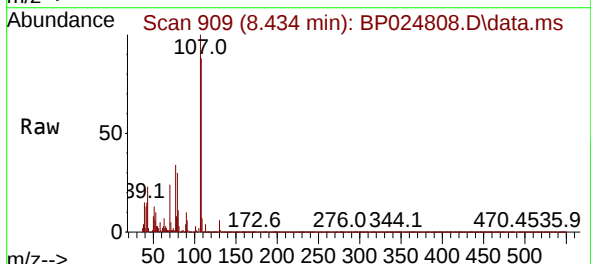
Instrument :
BNA_P
ClientSampleId :
PB168156BS

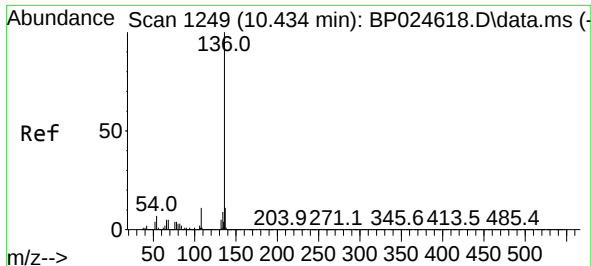
Tgt Ion: 70 Resp: 265440
Ion Ratio Lower Upper
70 100
42 56.7 43.0 64.6
101 11.3 8.7 13.1
130 28.0 19.4 29.0



#20
3+4-Methylphenols
Concen: 42.305 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 107 Resp: 458203
Ion Ratio Lower Upper
107 100
108 88.1 66.7 106.7
77 34.5 13.1 53.1
79 30.2 8.9 48.9

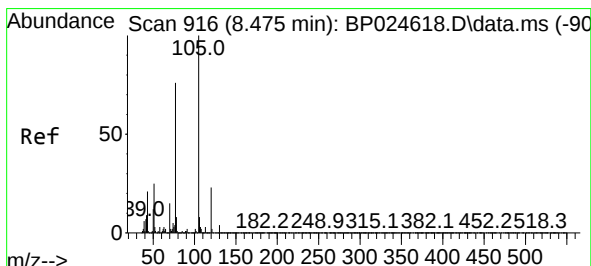
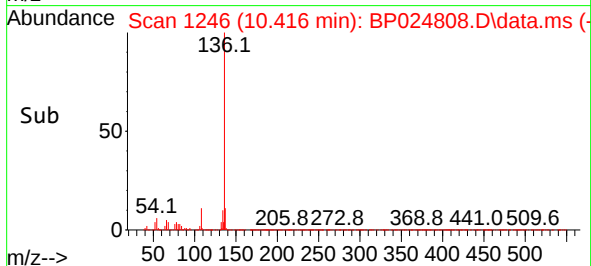
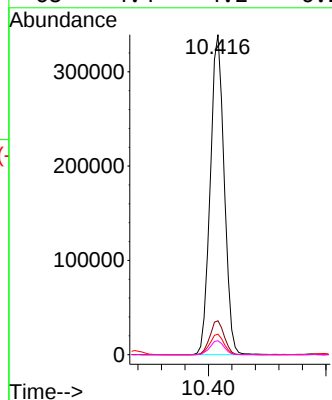
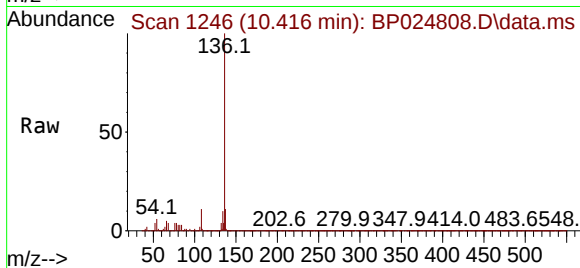




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

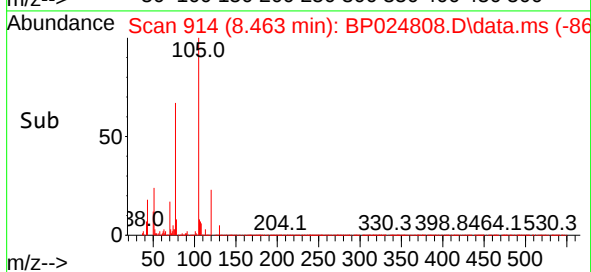
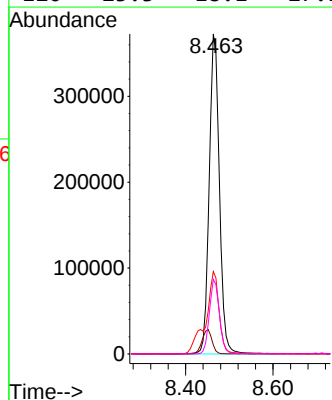
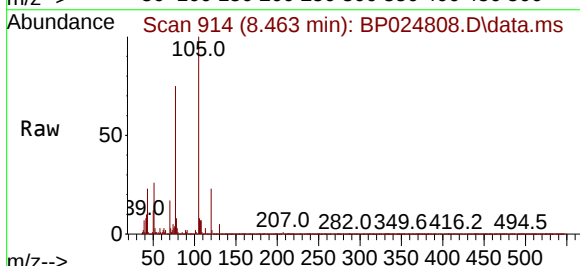
Instrument :
BNA_P
ClientSampleId :
PB168156BS

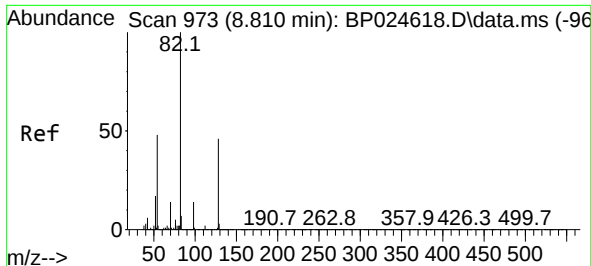
Tgt Ion:	136	Resp:	557481
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.4	5.5	8.3
68	4.4	4.2	6.2



#22
Acetophenone
Concen: 43.576 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

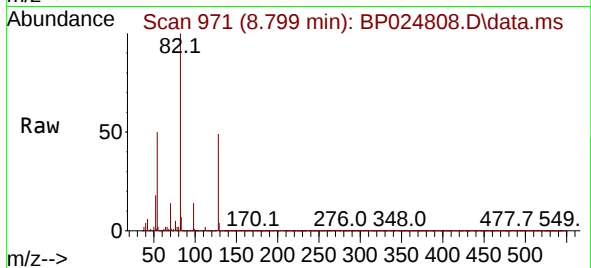
Tgt Ion:	105	Resp:	606817
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	25.8	20.4	30.6
120	23.3	18.1	27.1



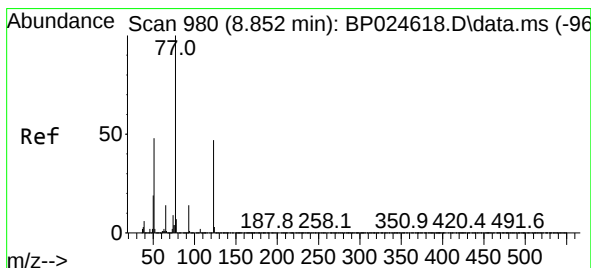
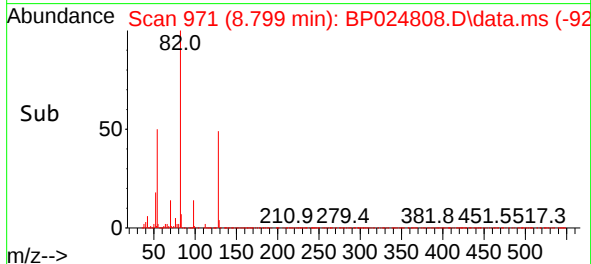
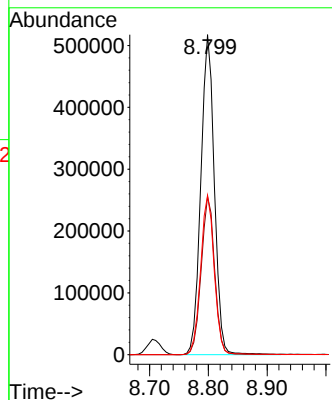


#23
Nitrobenzene-d5
Concen: 74.989 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Instrument :
BNA_P
ClientSampleId :
PB168156BS

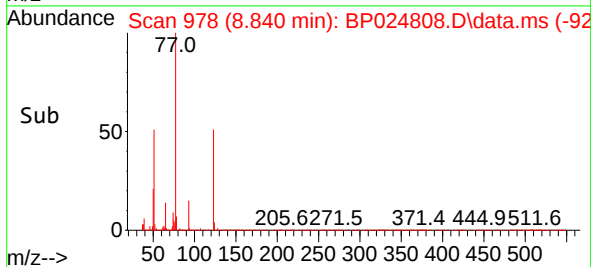
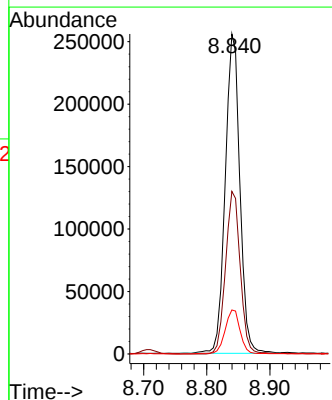
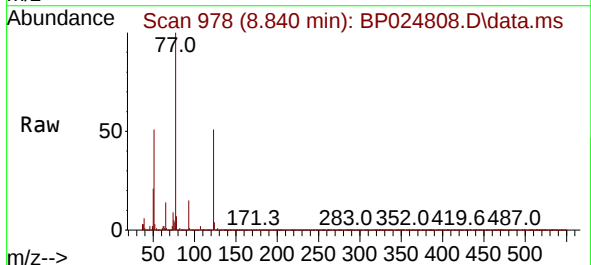


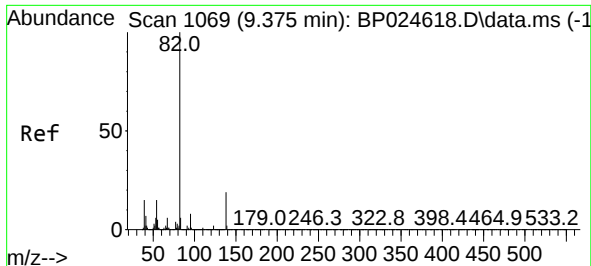
Tgt Ion: 82 Resp: 827382
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 49.8 38.7 58.1



#24
Nitrobenzene
Concen: 42.413 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 77 Resp: 411810
Ion Ratio Lower Upper
77 100
123 50.8 37.4 56.0
65 13.8 11.3 16.9

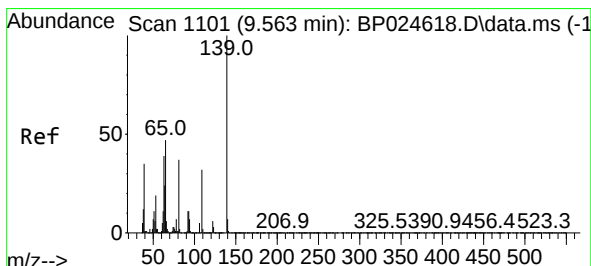
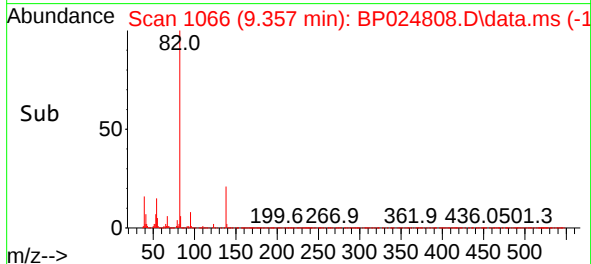
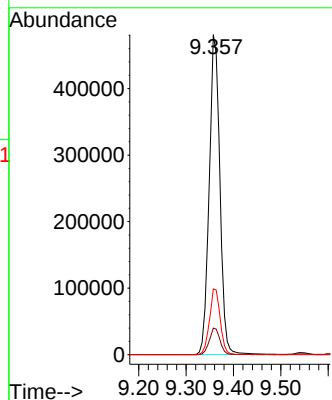
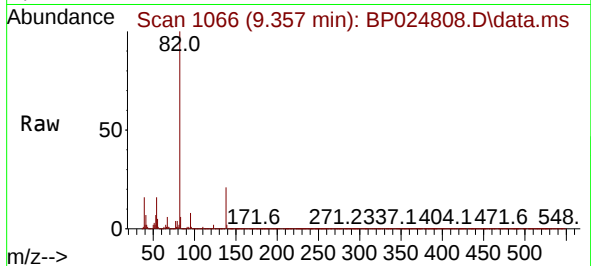




#25
Isophorone
Concen: 39.346 ng
RT: 9.357 min Scan# 1066
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

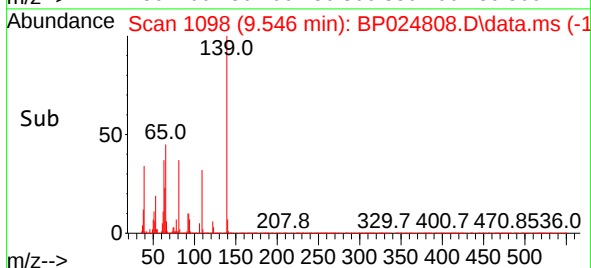
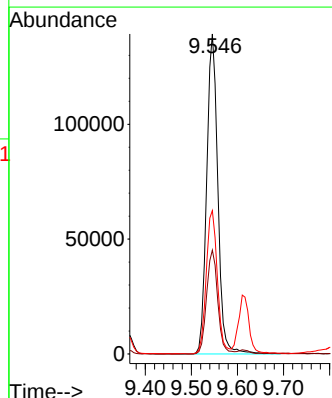
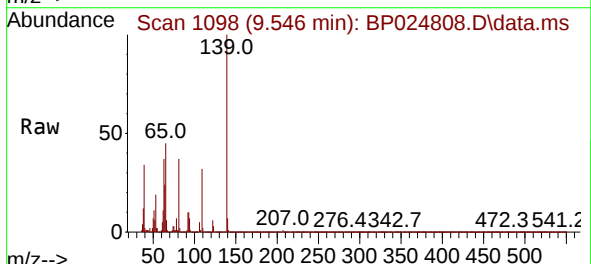
Instrument :
BNA_P
ClientSampleId :
PB168156BS

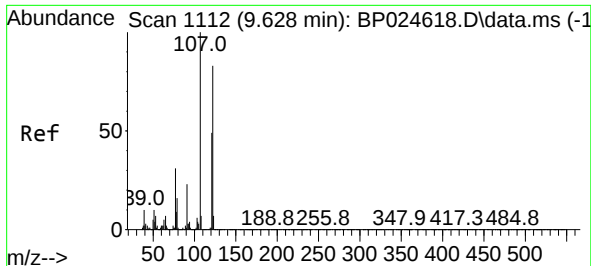
Tgt Ion: 82 Resp: 753049
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 20.6 15.3 22.9



#26
2-Nitrophenol
Concen: 49.548 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 139 Resp: 235742
Ion Ratio Lower Upper
139 100
109 32.5 25.9 38.9
65 44.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 46.770 ng

RT: 9.616 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

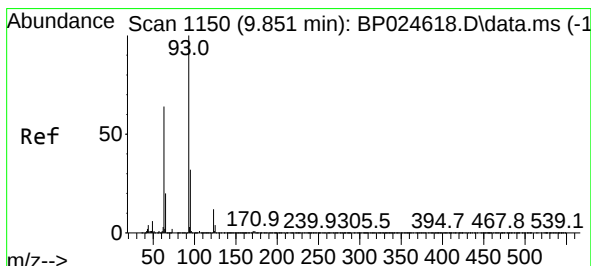
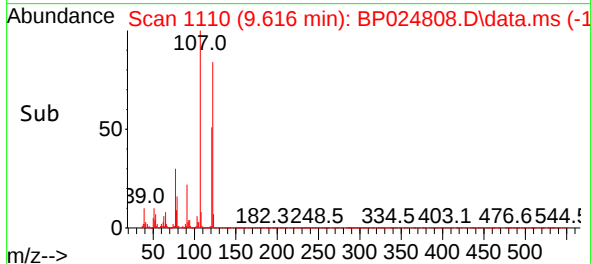
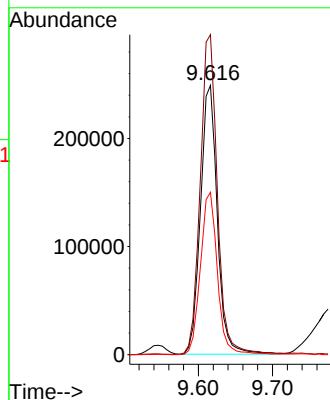
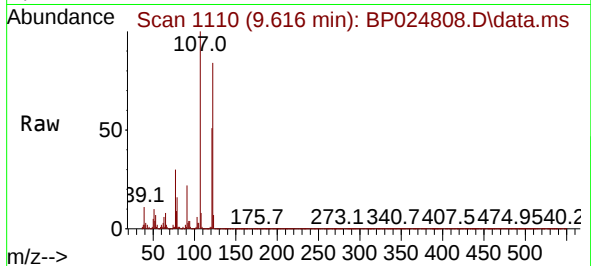
Tgt Ion:122 Resp: 392332

Ion Ratio Lower Upper

122 100

107 118.8 96.2 144.2

121 60.3 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.659 ng

RT: 9.834 min Scan# 1147

Delta R.T. -0.018 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

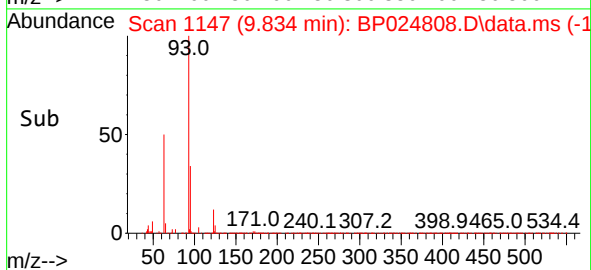
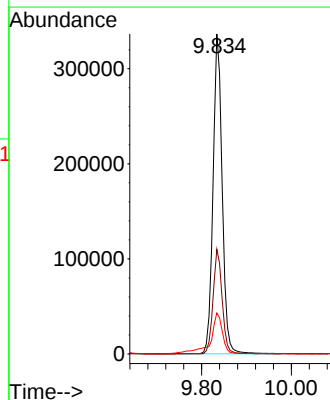
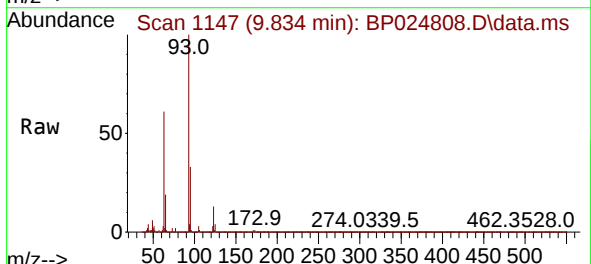
Tgt Ion: 93 Resp: 476348

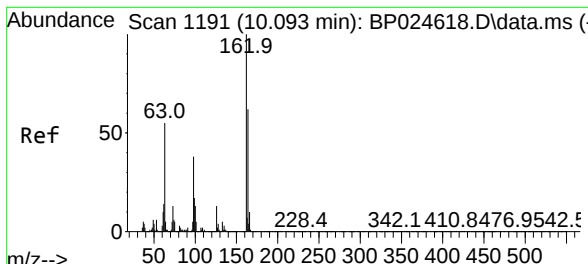
Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

123 12.8 9.7 14.5



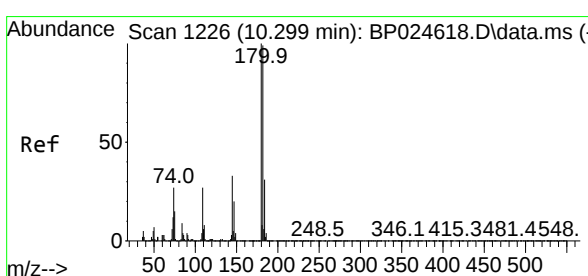
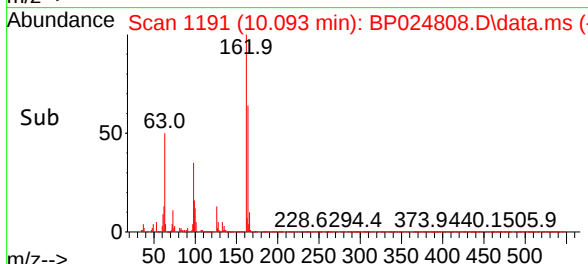
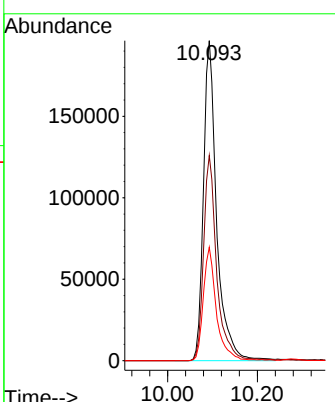
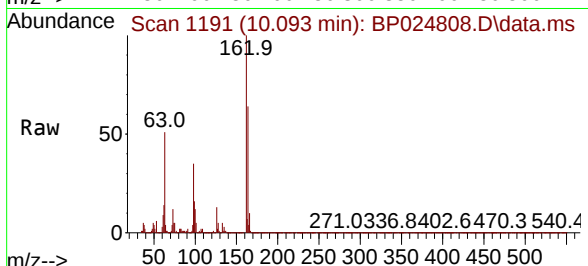


#29
 2,4-Dichlorophenol
 Concen: 49.417 ng
 RT: 10.093 min Scan# 1191
 Delta R.T. -0.000 min
 Lab File: BP024808.D
 Acq: 27 May 2025 11:43

Instrument :
 BNA_P
 ClientSampleId :
 PB168156BS

Tgt Ion:162 Resp: 401711

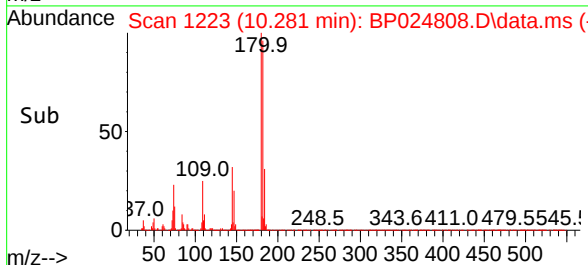
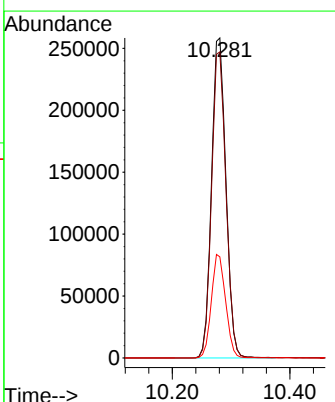
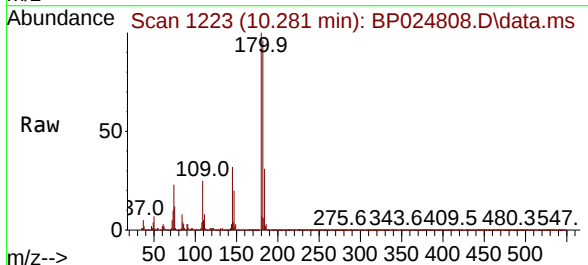
Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	35.4	18.4	58.4

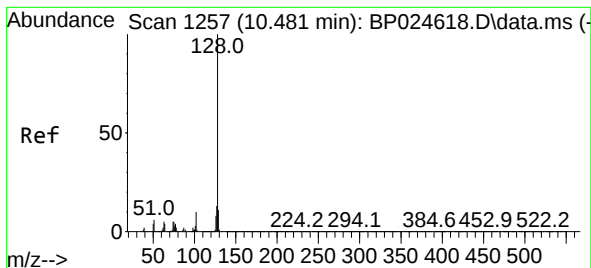


#30
 1,2,4-Trichlorobenzene
 Concen: 47.881 ng
 RT: 10.281 min Scan# 1223
 Delta R.T. -0.018 min
 Lab File: BP024808.D
 Acq: 27 May 2025 11:43

Tgt Ion:180 Resp: 438609

Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.0	118.4
145	31.6	26.6	39.8

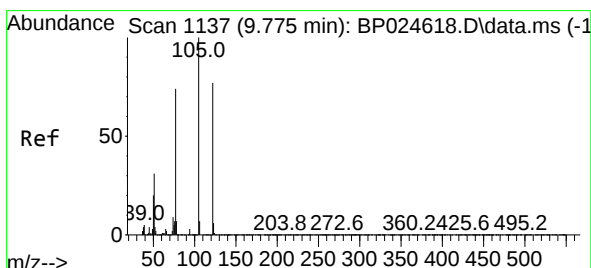
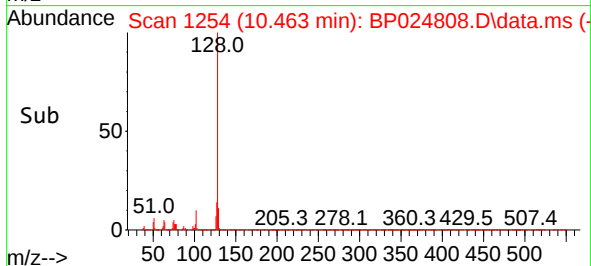
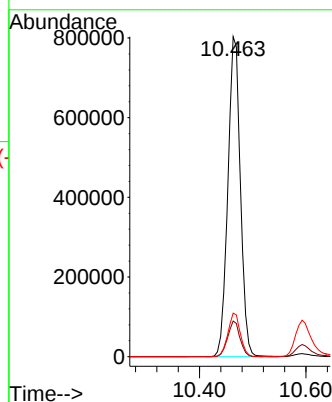
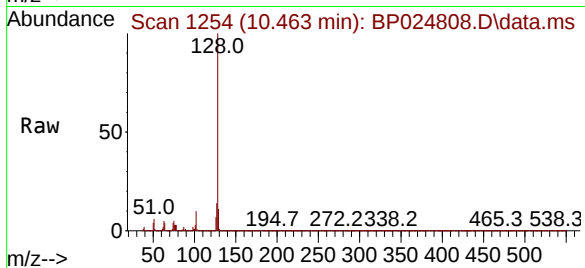




#31
Naphthalene
Concen: 45.340 ng
RT: 10.463 min Scan# 1142
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

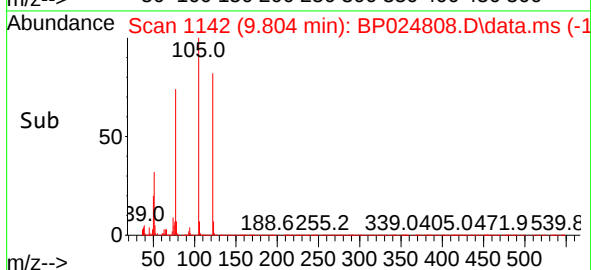
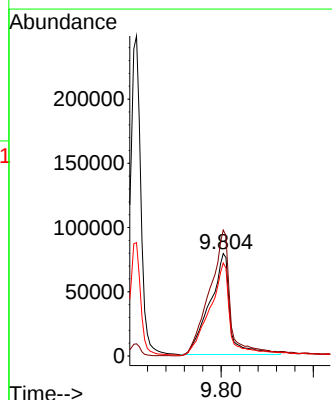
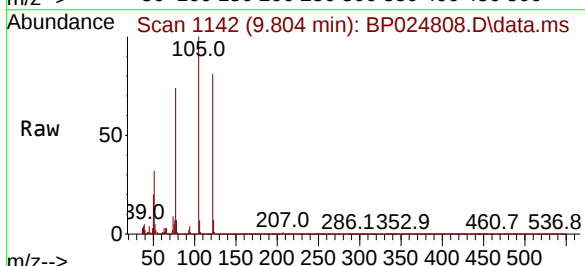
Instrument :
BNA_P
ClientSampleId :
PB168156BS

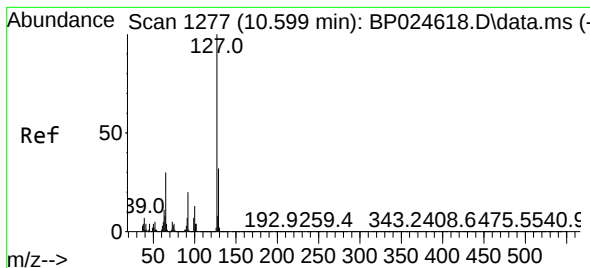
Tgt Ion:128 Resp: 1309822
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 42.770 ng
RT: 9.804 min Scan# 1142
Delta R.T. 0.029 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:122 Resp: 244144
Ion Ratio Lower Upper
122 100
105 122.8 106.9 146.9
77 90.7 75.1 115.1

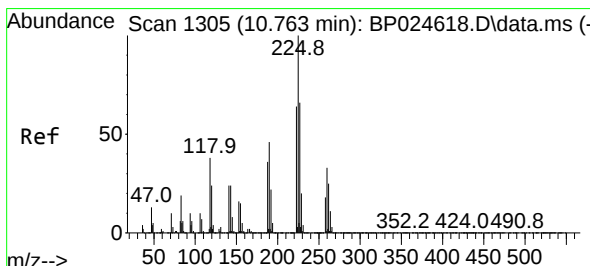
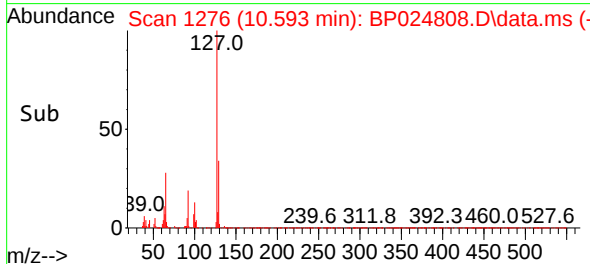
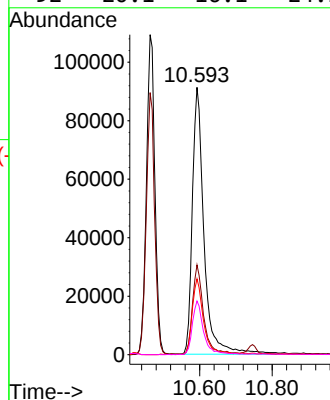
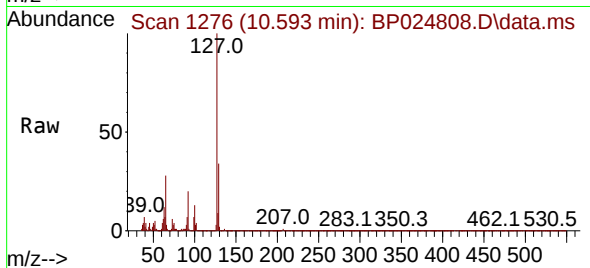




#33
4-Chloroaniline
Concen: 17.575 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

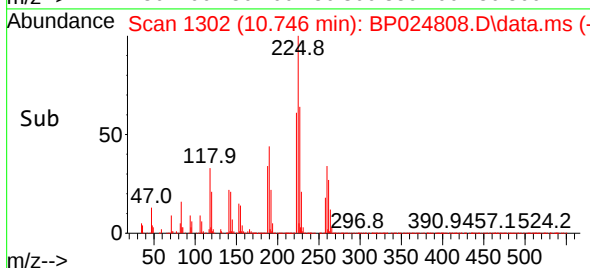
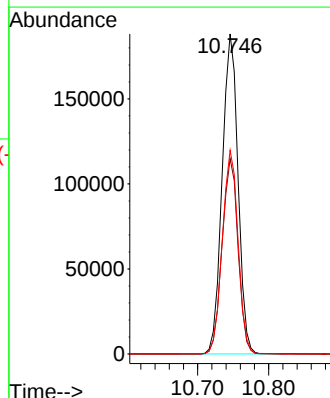
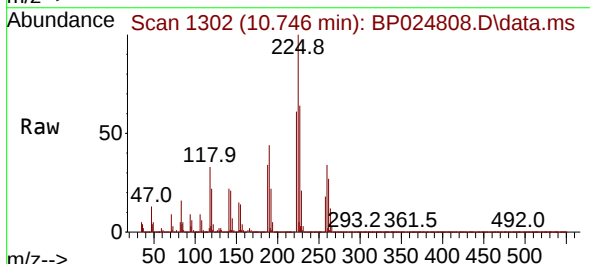
Instrument :
BNA_P
ClientSampleId :
PB168156BS

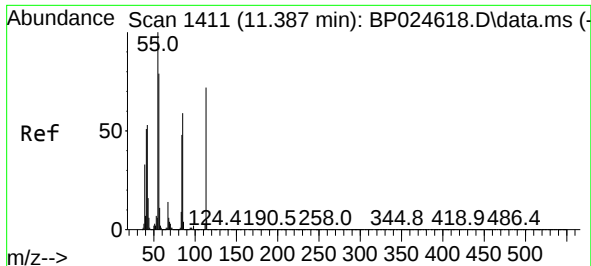
Tgt Ion:	127	Resp:	204885
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.6
65	28.4	23.9	35.9
92	20.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 48.872 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:	225	Resp:	290020
Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.6
227	63.7	53.1	79.7

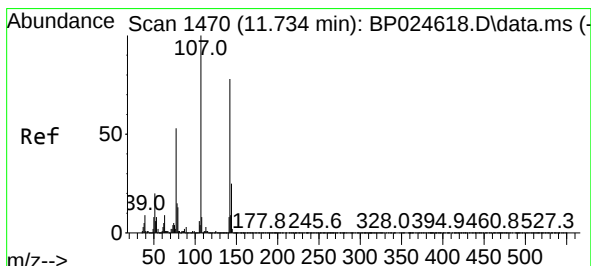
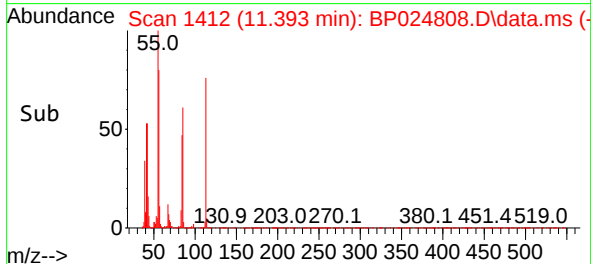
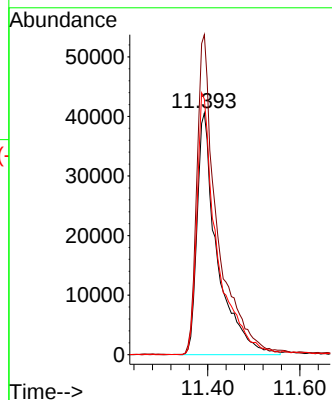
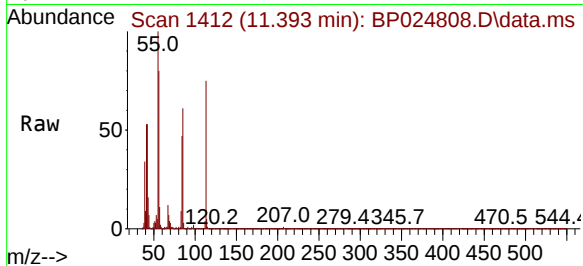




#35
Caprolactam
Concen: 41.652 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

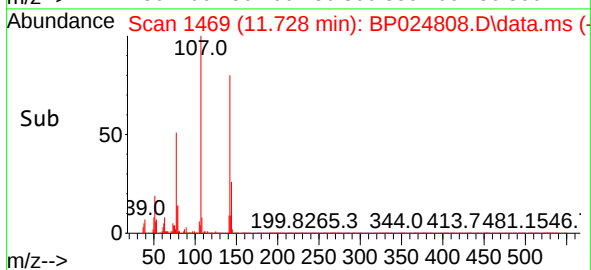
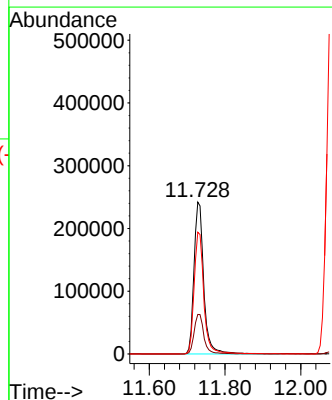
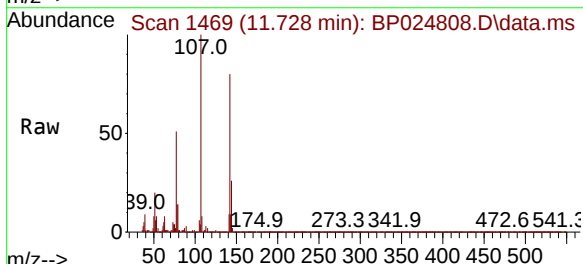
Instrument :
BNA_P
ClientSampleId :
PB168156BS

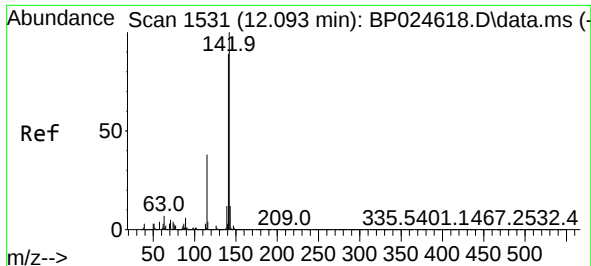
Tgt Ion:113 Resp: 122501
Ion Ratio Lower Upper
113 100
55 132.5 119.0 159.0
56 105.8 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 43.900 ng
RT: 11.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:107 Resp: 435188
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 80.2 62.1 93.1

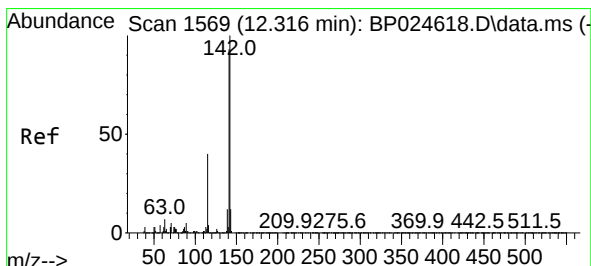
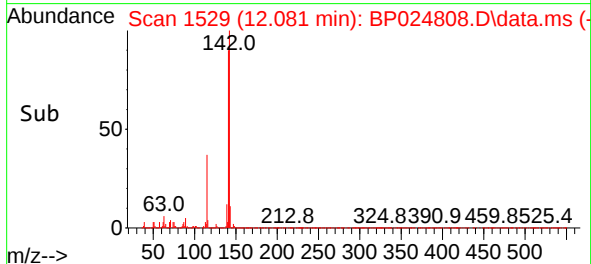
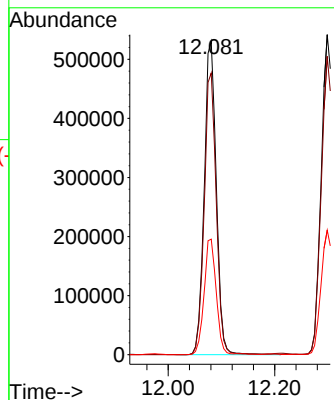
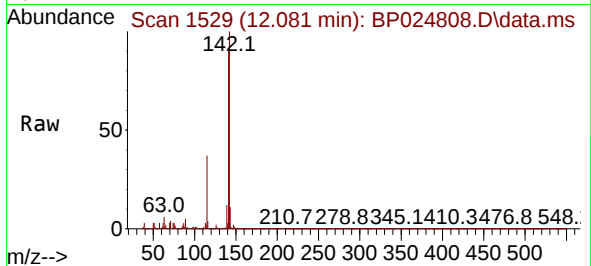




#37
2-Methylnaphthalene
Concen: 44.535 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

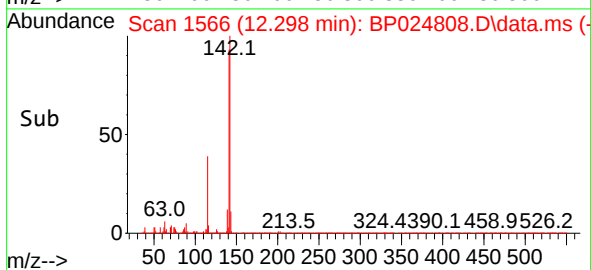
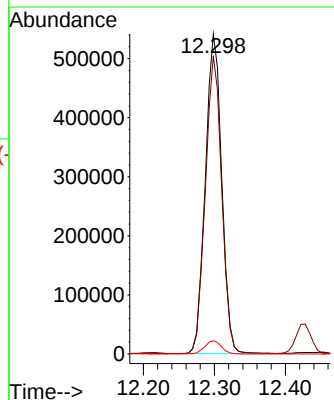
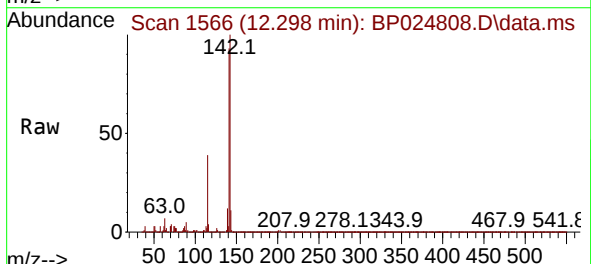
Instrument :
BNA_P
ClientSampleId :
PB168156BS

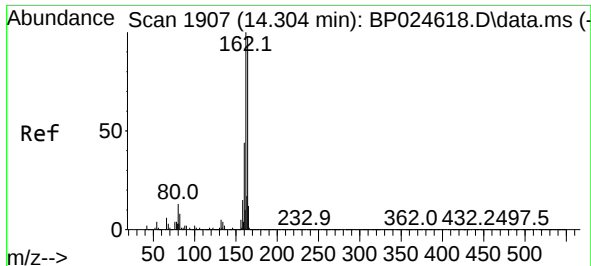
Tgt Ion:142 Resp: 833068
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 36.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.366 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:142 Resp: 867974
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 4.1 3.4 5.2

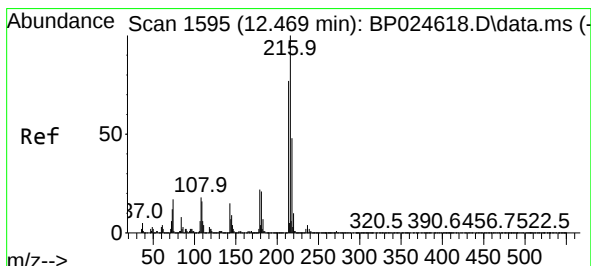
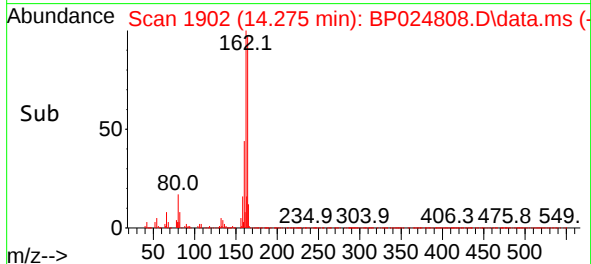
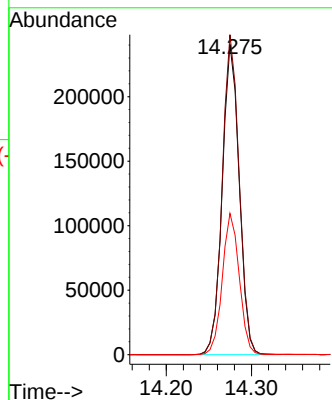
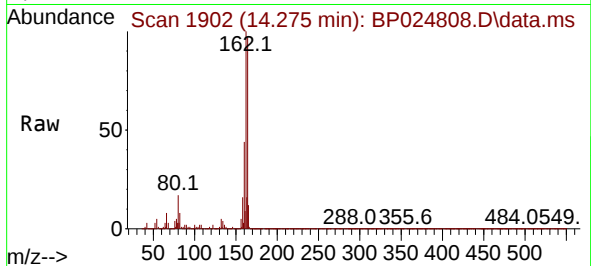




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. -0.029 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

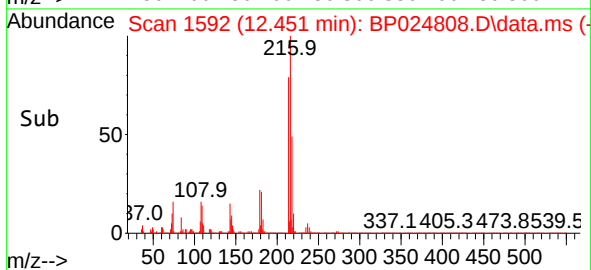
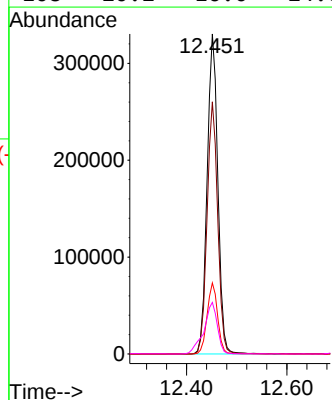
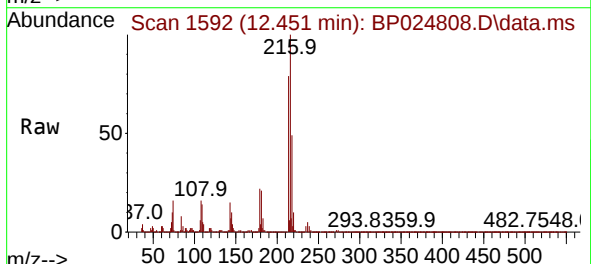
Instrument :
BNA_P
ClientSampleId :
PB168156BS

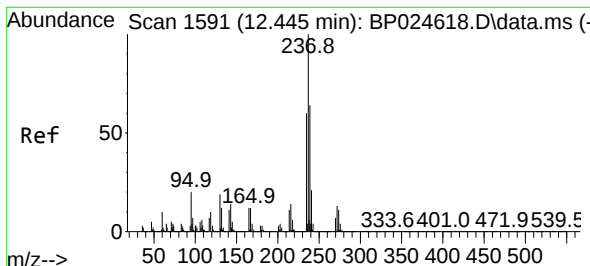
Tgt Ion:164 Resp: 333540
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 45.5 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.605 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:216 Resp: 490136
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 21.9 17.7 26.5
108 20.2 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 112.231 ng

RT: 12.428 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

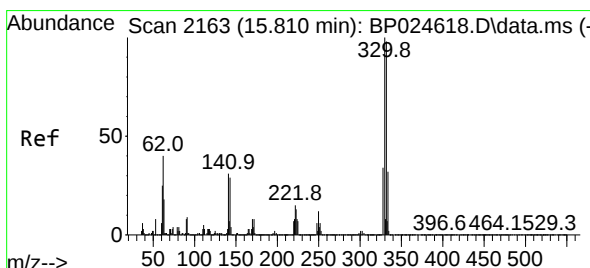
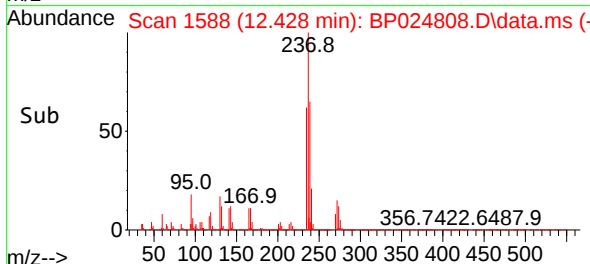
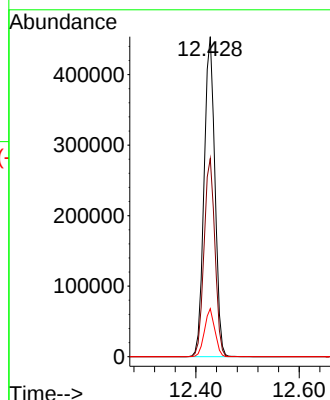
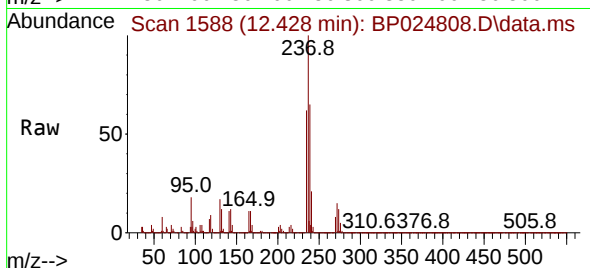
Tgt Ion:237 Resp: 659138

Ion Ratio Lower Upper

237 100

235 61.9 39.9 79.9

272 15.0 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 154.093 ng

RT: 15.792 min Scan# 2160

Delta R.T. -0.018 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

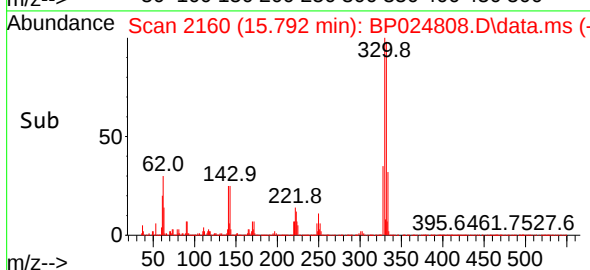
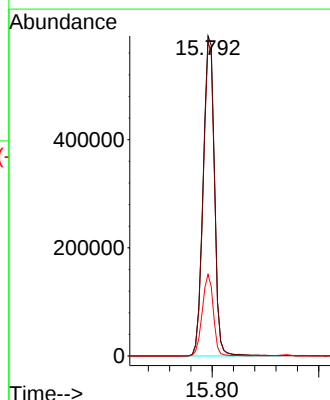
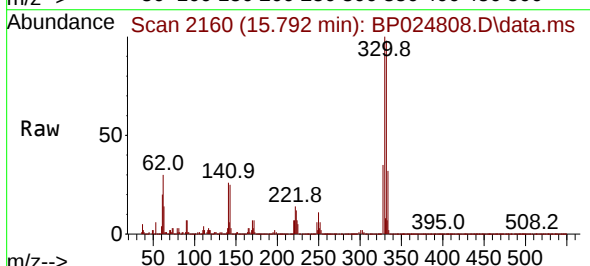
Tgt Ion:330 Resp: 871315

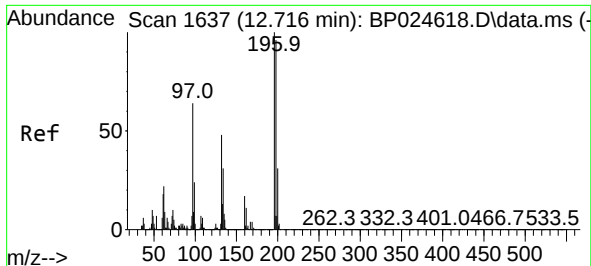
Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.4

141 24.9 24.3 36.5

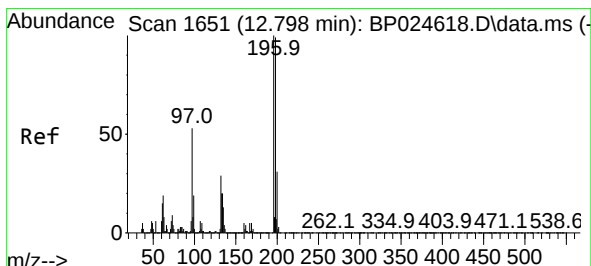
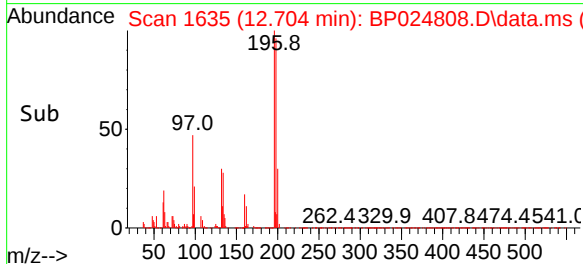
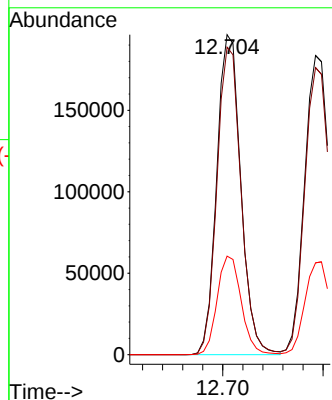
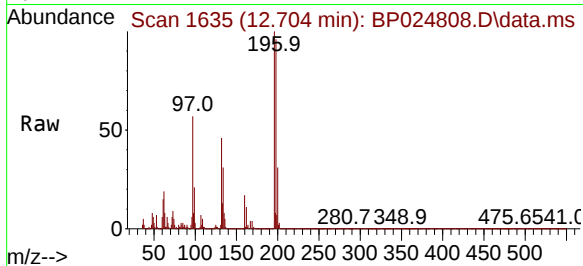




#43
2,4,6-Trichlorophenol
Concen: 52.138 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

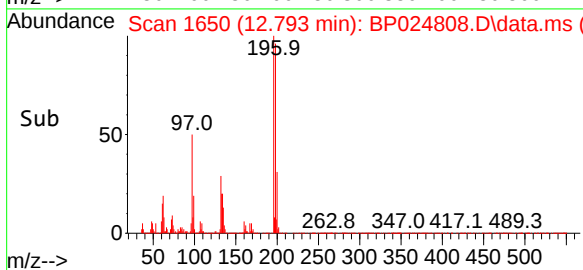
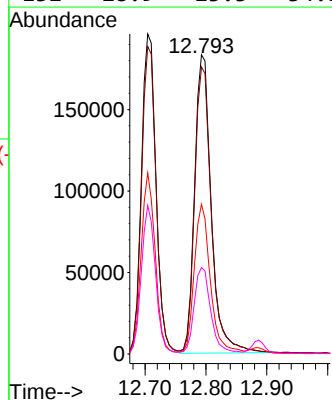
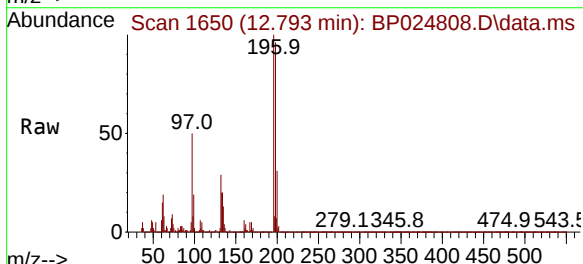
Instrument :
BNA_P
ClientSampleId :
PB168156BS

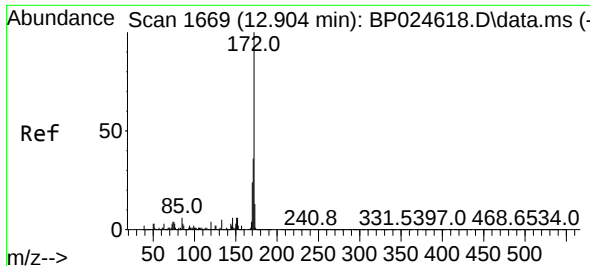
Tgt Ion:196 Resp: 327087
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
200 30.8 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 50.088 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:196 Resp: 349771
Ion Ratio Lower Upper
196 100
198 96.0 79.2 118.8
97 50.1 42.3 63.5
132 28.9 23.3 34.9

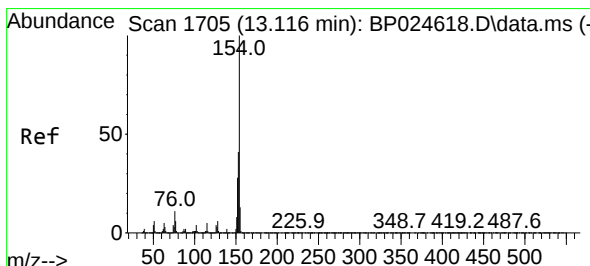
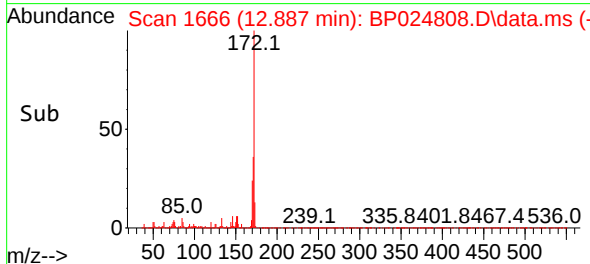
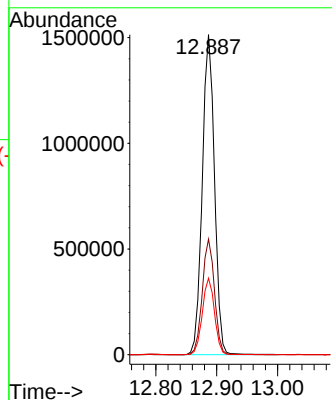
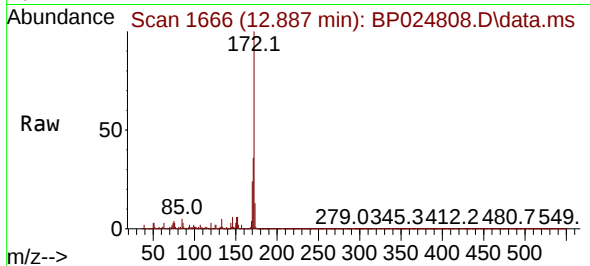




#45
2-Fluorobiphenyl
Concen: 83.051 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

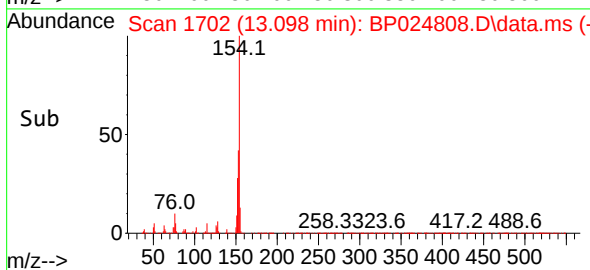
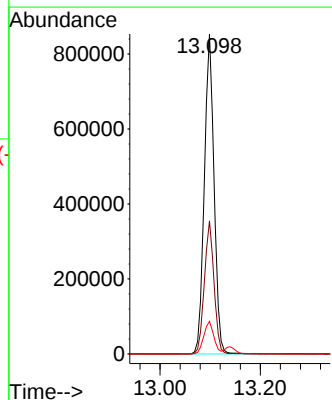
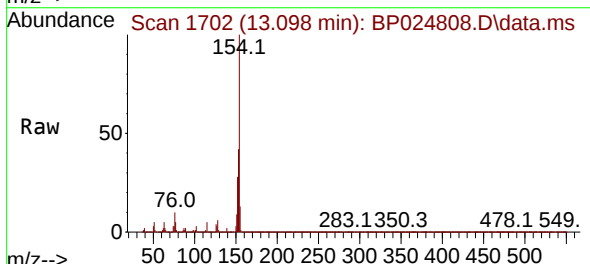
Instrument :
BNA_P
ClientSampleId :
PB168156BS

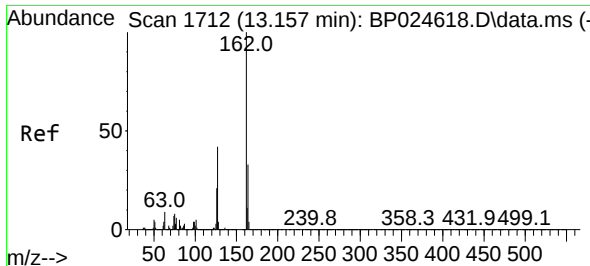
Tgt Ion:172 Resp: 2114361
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 46.735 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:154 Resp: 1152119
Ion Ratio Lower Upper
154 100
153 41.6 21.0 61.0
76 10.2 0.0 31.5

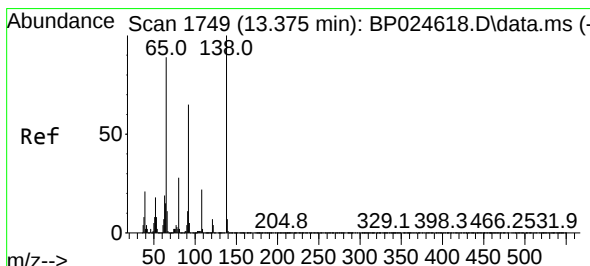
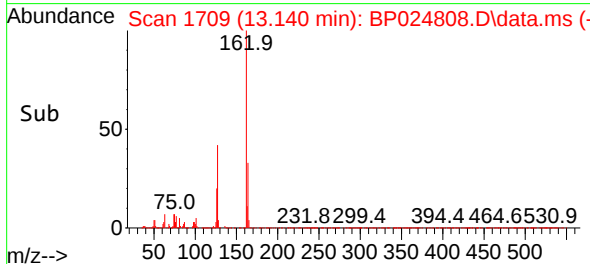
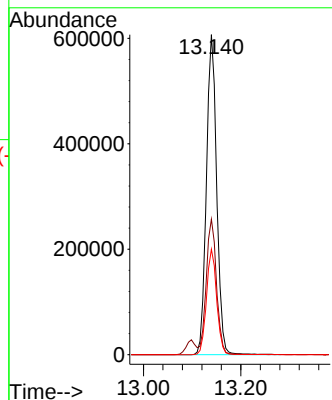
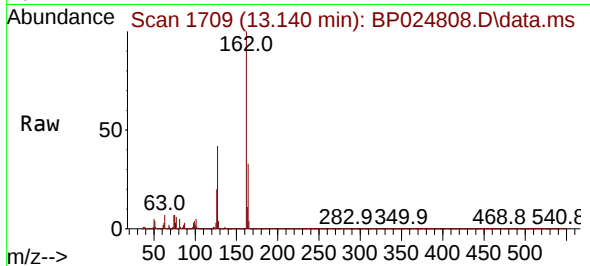




#47
2-Chloronaphthalene
Concen: 47.123 ng
RT: 13.140 min Scan# 1712
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

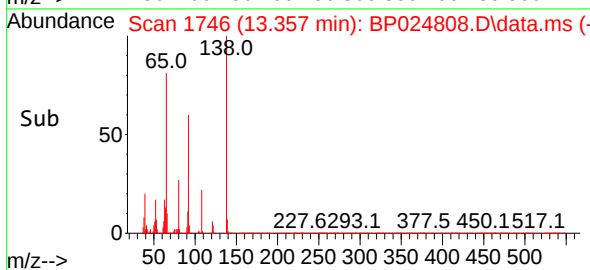
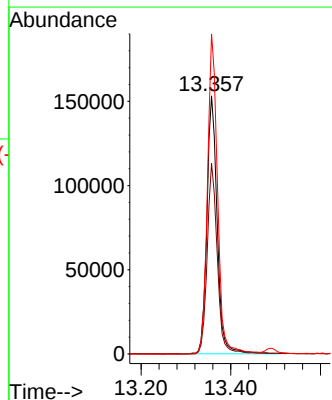
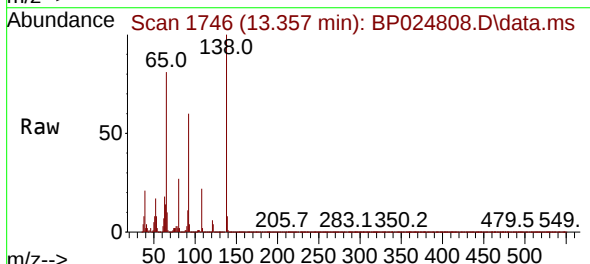
Instrument :
BNA_P
ClientSampleId :
PB168156BS

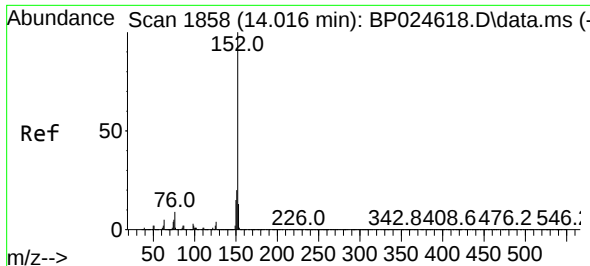
Tgt Ion:162 Resp: 885749
Ion Ratio Lower Upper
162 100
127 42.4 33.8 50.6
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 43.819 ng
RT: 13.357 min Scan# 1746
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion: 65 Resp: 243849
Ion Ratio Lower Upper
65 100
92 73.9 58.7 88.1
138 124.0 90.2 135.2

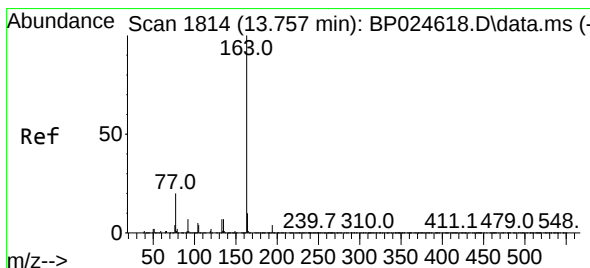
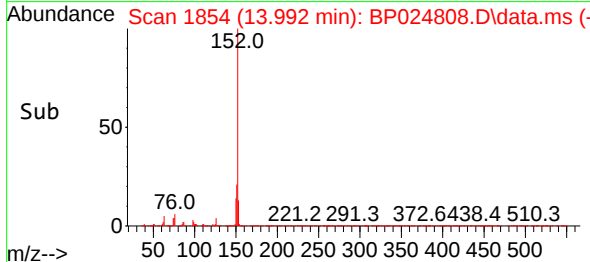
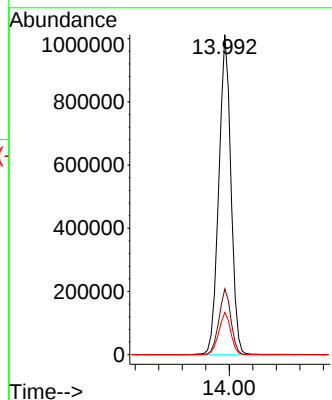
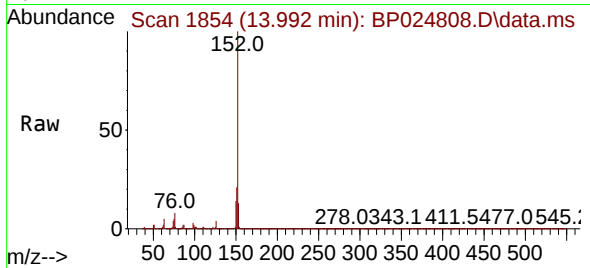




#49
Acenaphthylene
Concen: 46.084 ng
RT: 13.992 min Scan# 1854
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

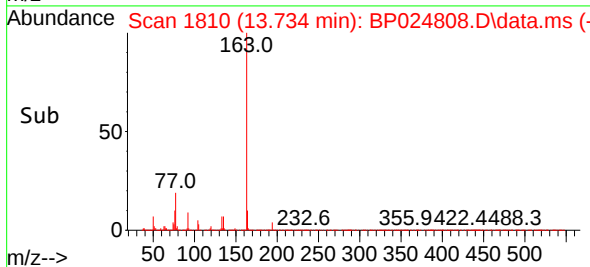
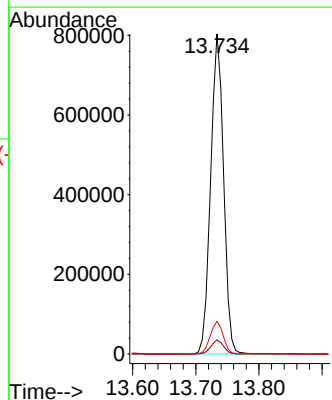
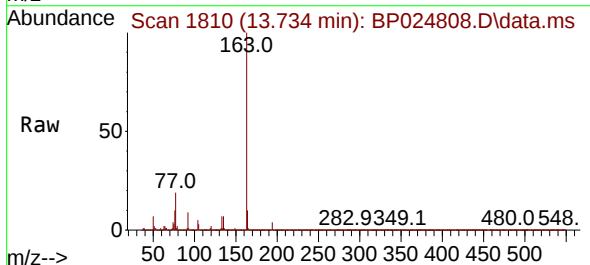
Instrument :
BNA_P
ClientSampleId :
PB168156BS

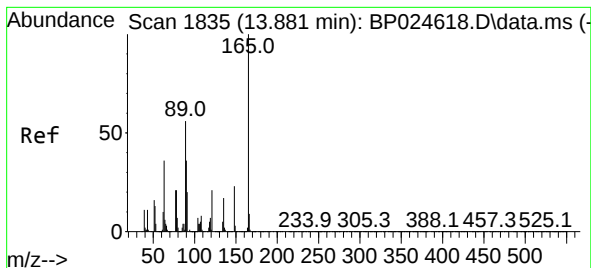
Tgt Ion:152 Resp: 1449618
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.2 10.2 15.4



#50
Dimethylphthalate
Concen: 44.842 ng
RT: 13.734 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:163 Resp: 1139993
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.1 12.1

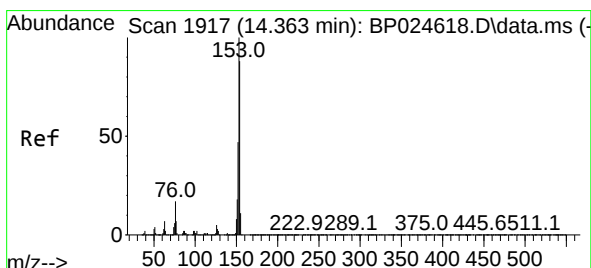
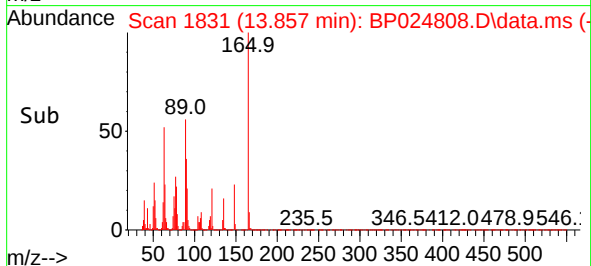
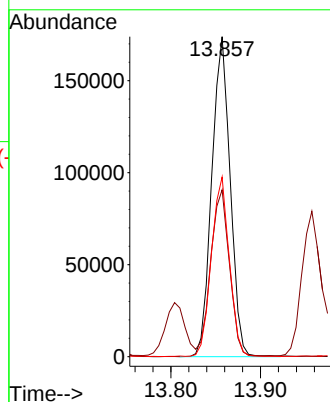
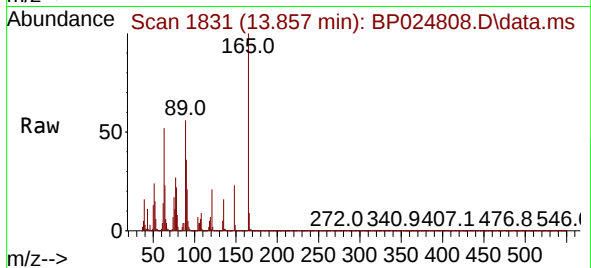




#51
2,6-Dinitrotoluene
Concen: 46.054 ng
RT: 13.857 min Scan# 1831
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

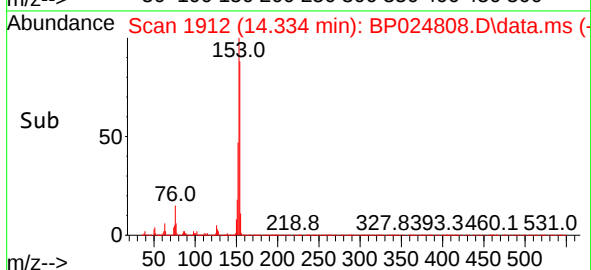
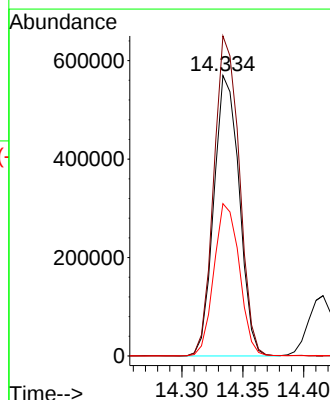
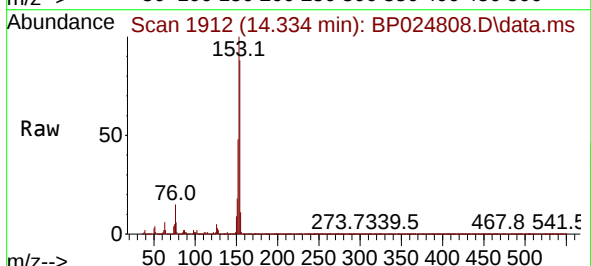
Instrument :
BNA_P
ClientSampleId :
PB168156BS

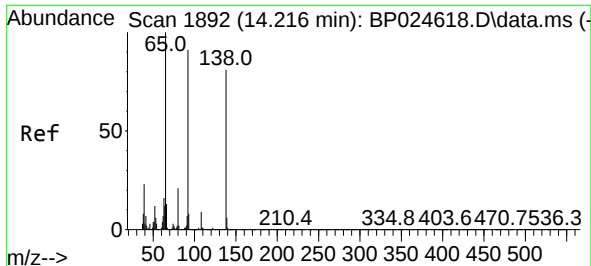
Tgt Ion:165 Resp: 247271
Ion Ratio Lower Upper
165 100
63 52.1 42.4 63.6
89 56.1 44.8 67.2



#52
Acenaphthene
Concen: 45.698 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.029 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:154 Resp: 826382
Ion Ratio Lower Upper
154 100
153 114.1 91.0 136.4
152 54.3 42.9 64.3

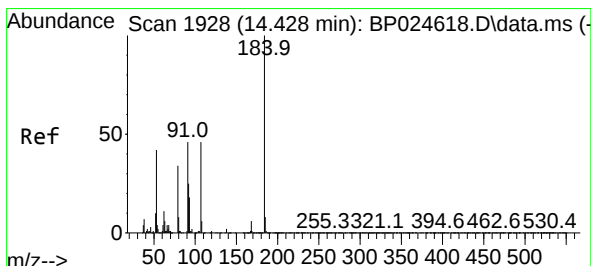
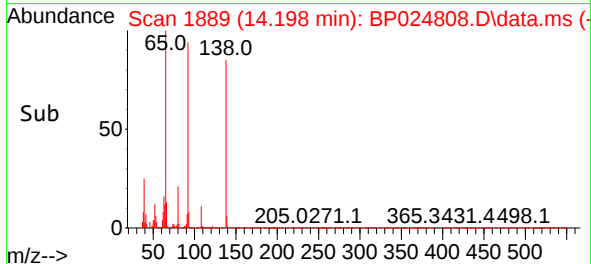
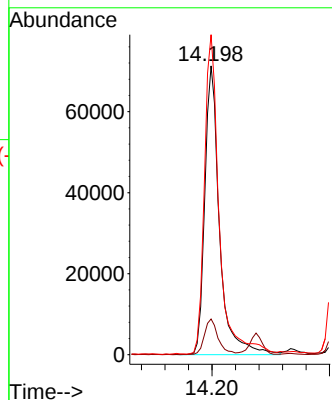
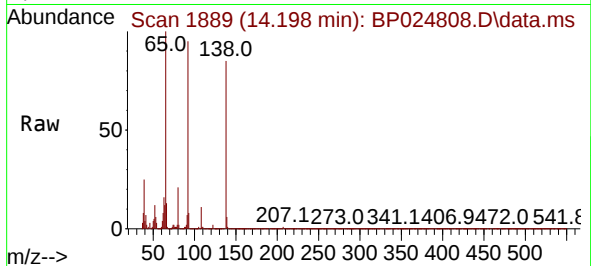




#53
3-Nitroaniline
Concen: 22.599 ng
RT: 14.198 min Scan# 1889
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

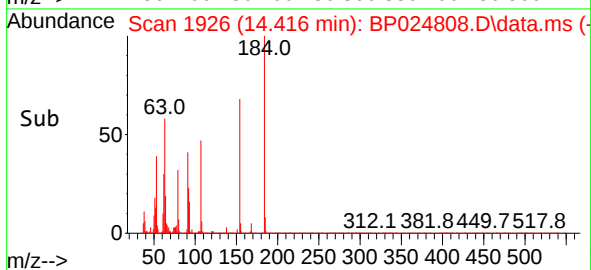
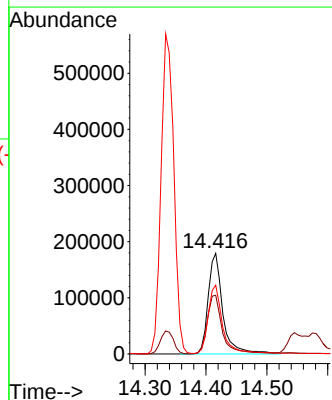
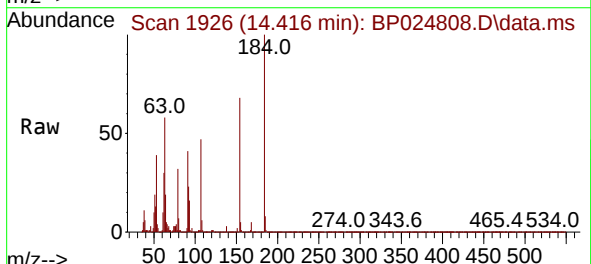
Instrument :
BNA_P
ClientSampleId :
PB168156BS

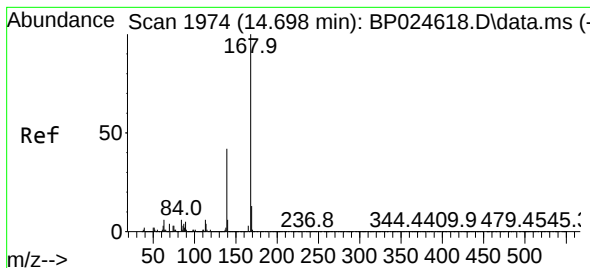
Tgt Ion:138 Resp: 123893
Ion Ratio Lower Upper
138 100
108 12.4 9.0 13.4
92 110.8 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 87.884 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:184 Resp: 299870
Ion Ratio Lower Upper
184 100
63 58.3 51.3 76.9
154 68.3 53.5 80.3





#55

Dibenzenofuran

Concen: 46.007 ng

RT: 14.675 min Scan# 1970

Delta R.T. -0.024 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

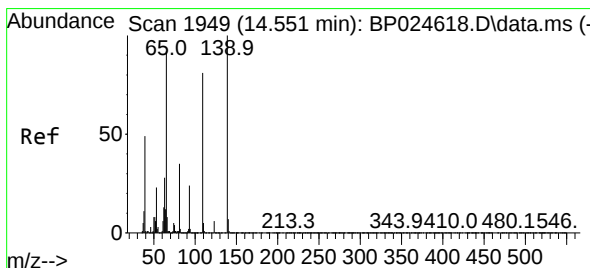
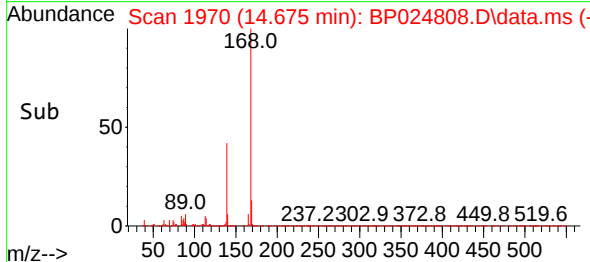
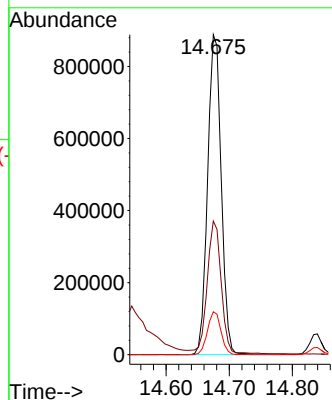
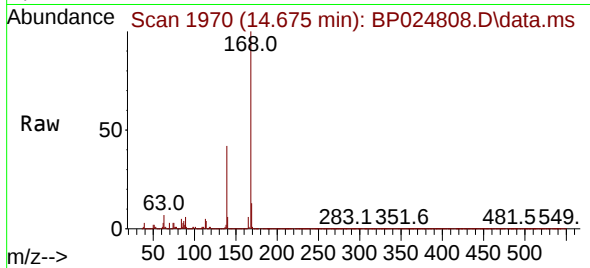
Tgt Ion:168 Resp: 1327031

Ion Ratio Lower Upper

168 100

139 41.7 34.2 51.4

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 77.610 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

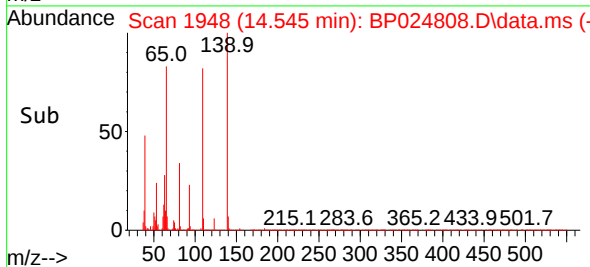
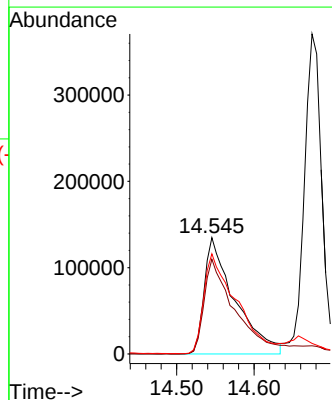
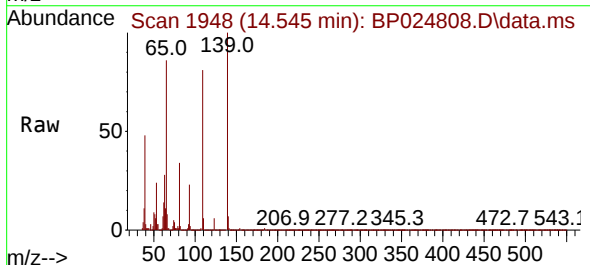
Tgt Ion:139 Resp: 367721

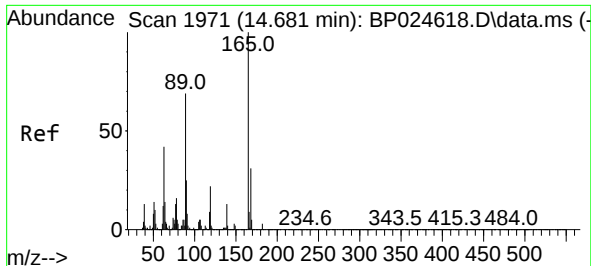
Ion Ratio Lower Upper

139 100

109 81.4 61.4 101.4

65 86.0 72.2 112.2

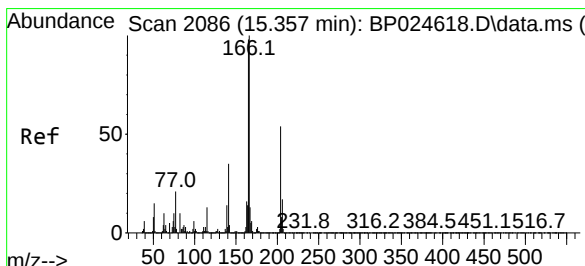
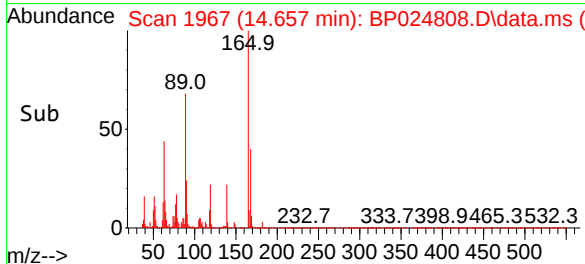
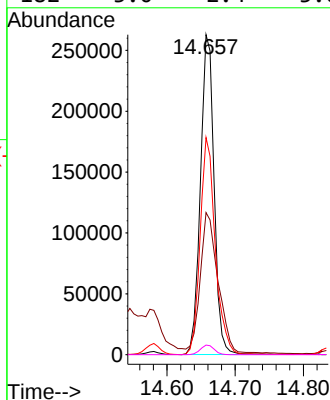
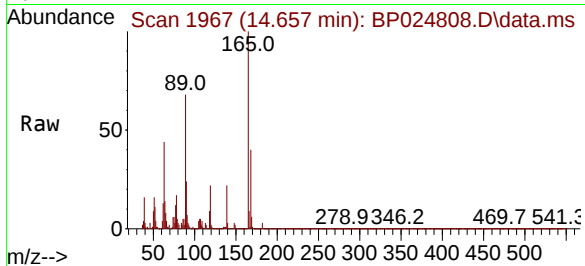




#57
2,4-Dinitrotoluene
Concen: 48.344 ng
RT: 14.657 min Scan# 1971
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

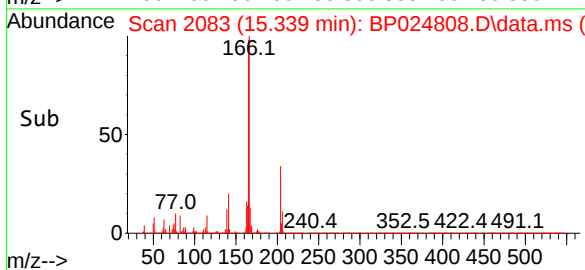
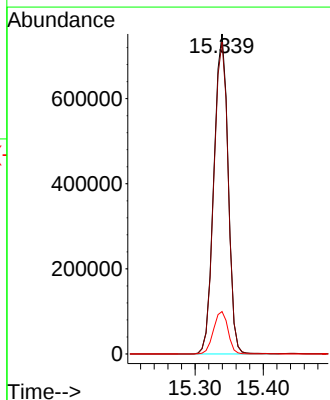
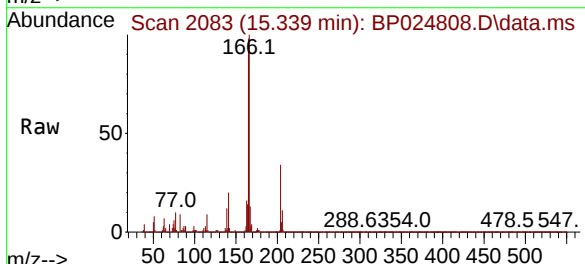
Instrument :
BNA_P
ClientSampleId :
PB168156BS

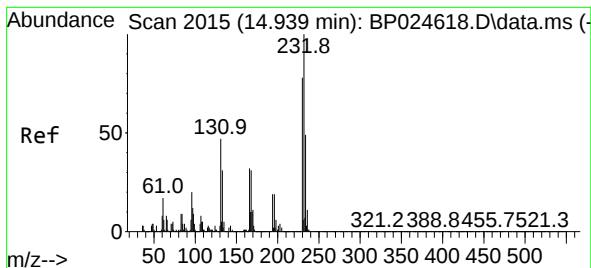
Tgt Ion:165 Resp: 365937
Ion Ratio Lower Upper
165 100
63 44.4 33.8 50.6
89 67.8 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 46.386 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:166 Resp: 1090961
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 13.3 10.7 16.1

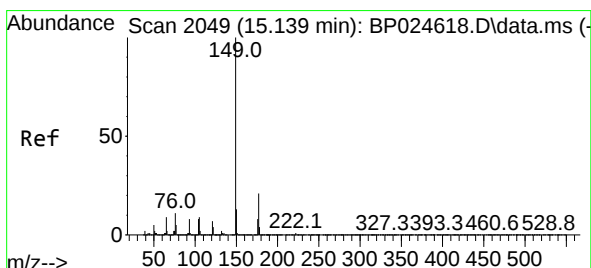
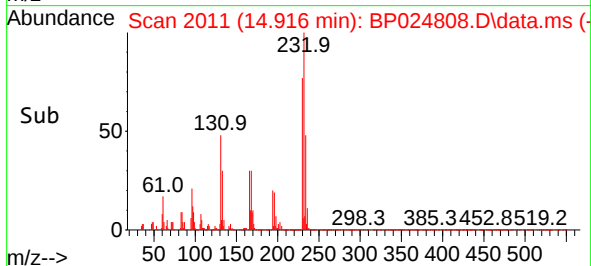
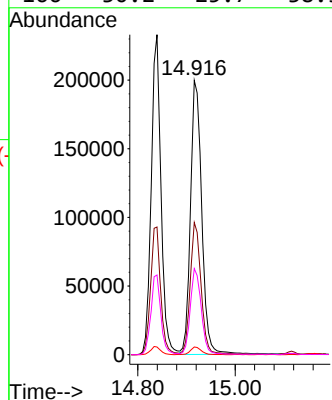
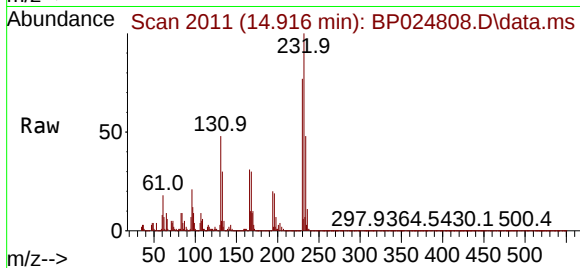




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.614 ng
RT: 14.916 min Scan# 2015
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

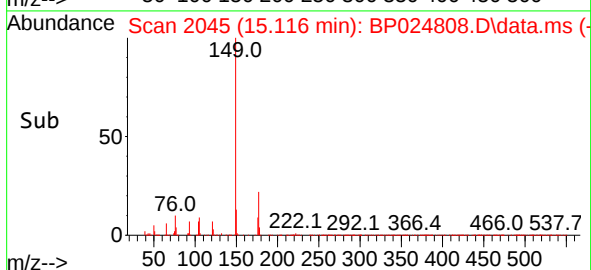
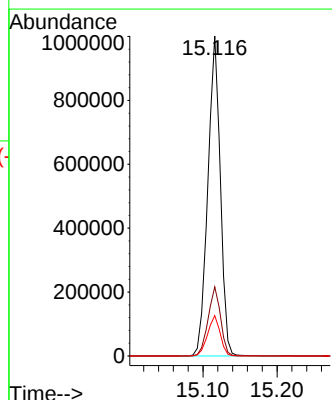
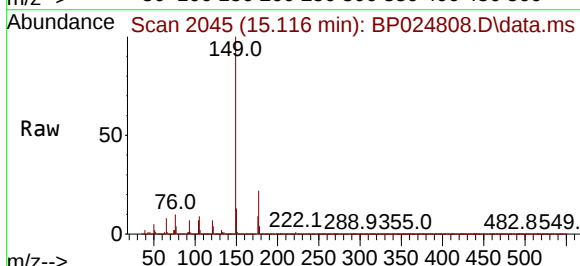
Instrument :
BNA_P
ClientSampleId :
PB168156BS

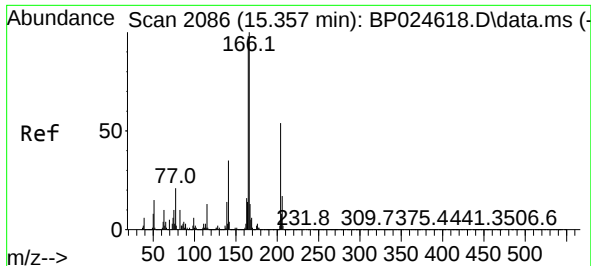
Tgt Ion:232 Resp: 321400
Ion Ratio Lower Upper
232 100
131 45.7 39.5 59.3
130 2.7 2.2 3.4
166 30.2 25.7 38.5



#60
Diethylphthalate
Concen: 45.477 ng
RT: 15.116 min Scan# 2045
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:149 Resp: 1168537
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.6 10.2 15.2

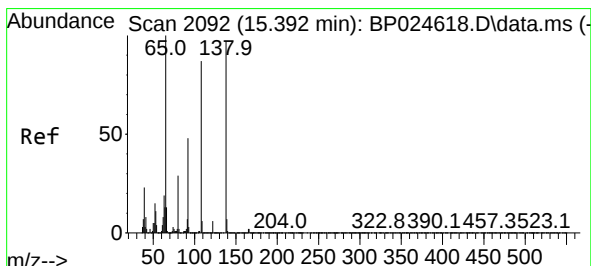
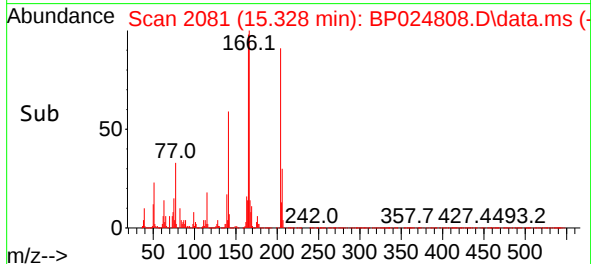
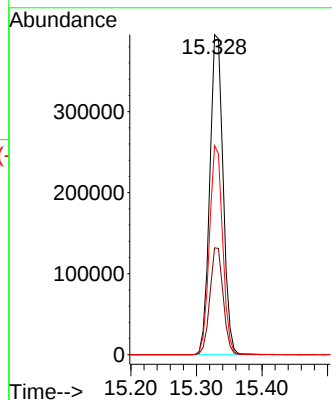
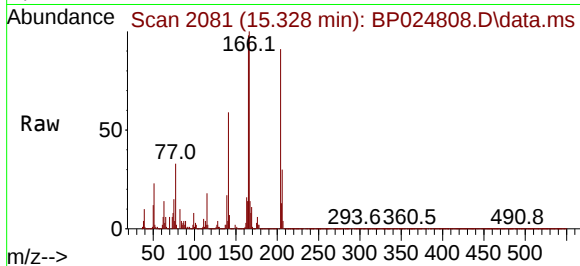




#61
4-Chlorophenyl-phenylether
Concen: 47.574 ng
RT: 15.328 min Scan# 2086
Delta R.T. -0.029 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

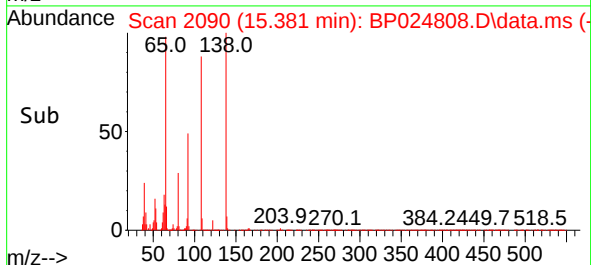
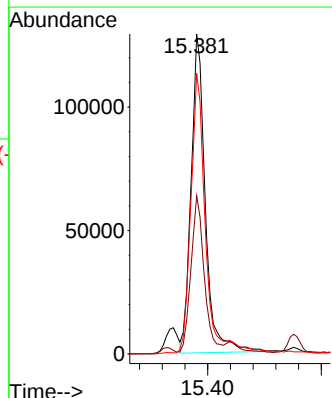
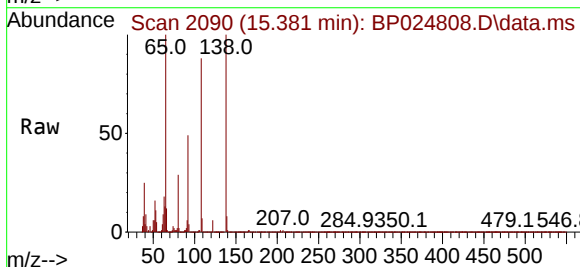
Instrument :
BNA_P
ClientSampleId :
PB168156BS

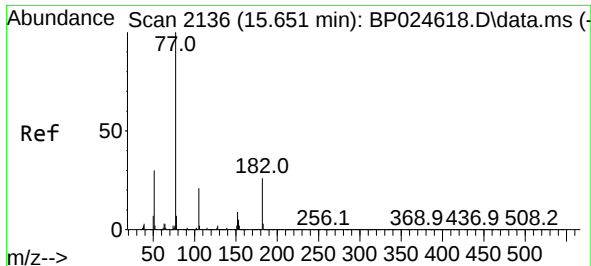
Tgt Ion:204 Resp: 558010
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 65.3 52.9 79.3



#62
4-Nitroaniline
Concen: 42.702 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:138 Resp: 226043
Ion Ratio Lower Upper
138 100
92 49.4 29.2 69.2
108 87.7 69.0 109.0

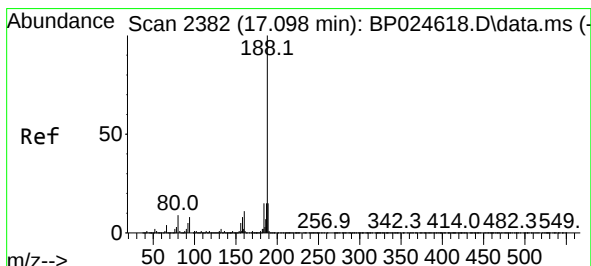
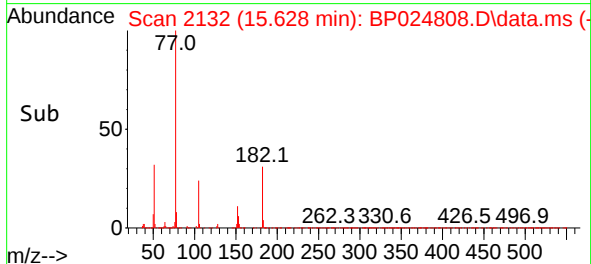
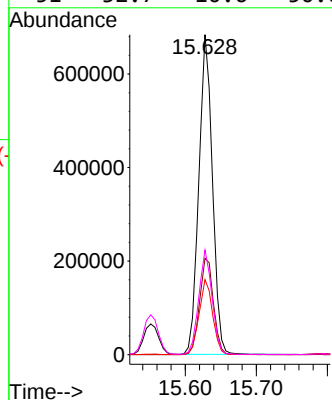
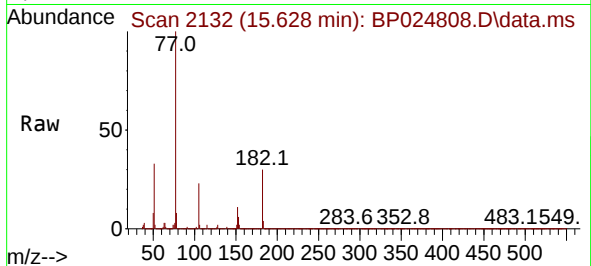




#63
Azobenzene
Concen: 41.503 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

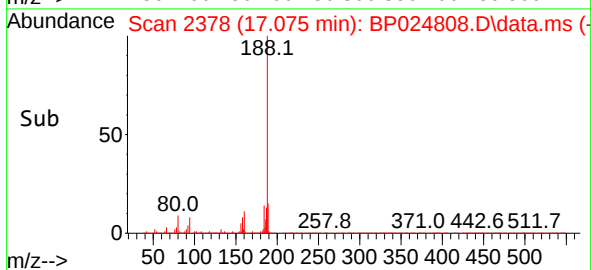
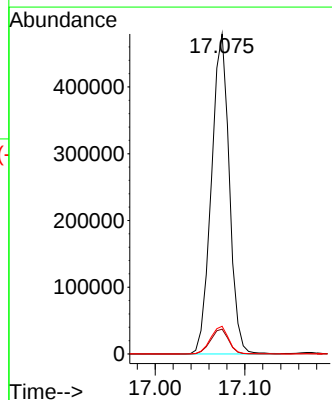
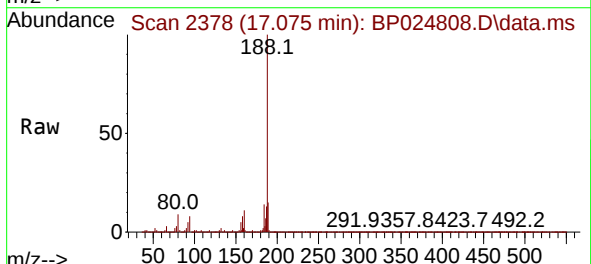
Instrument :
BNA_P
ClientSampleId :
PB168156BS

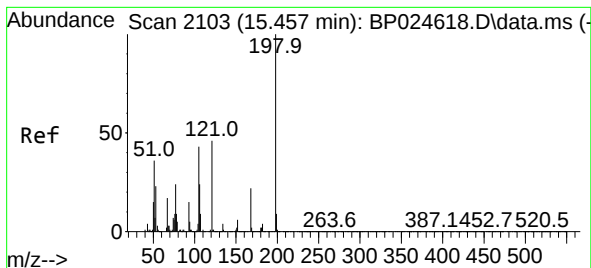
Tgt Ion:	77	Resp:	912295
Ion	Ratio	Lower	Upper
77	100		
182	30.1	5.7	45.7
105	23.5	1.3	41.3
51	32.7	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:	188	Resp:	663816
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.5	9.7
80	8.6	7.3	10.9

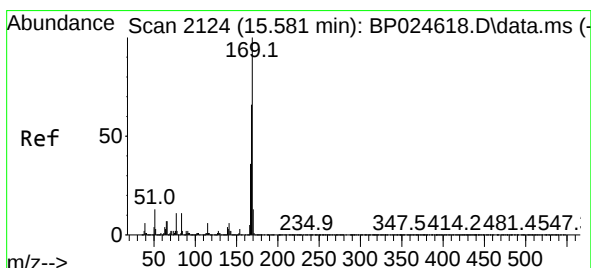
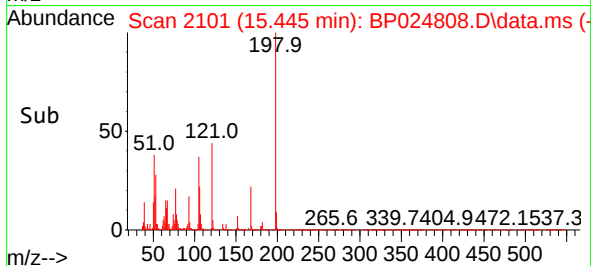
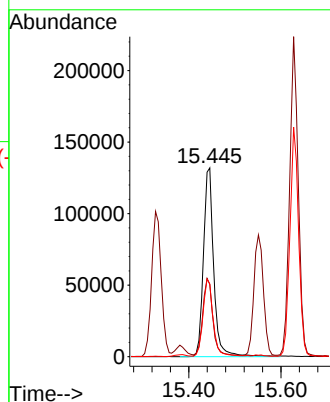
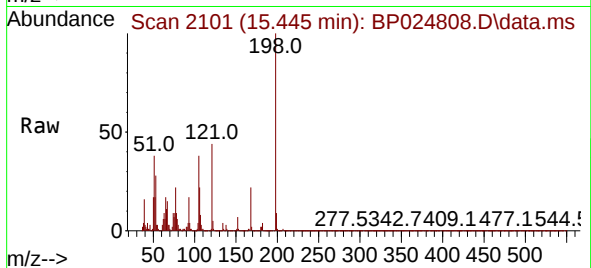




#65
4,6-Dinitro-2-methylphenol
Concen: 48.010 ng
RT: 15.445 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

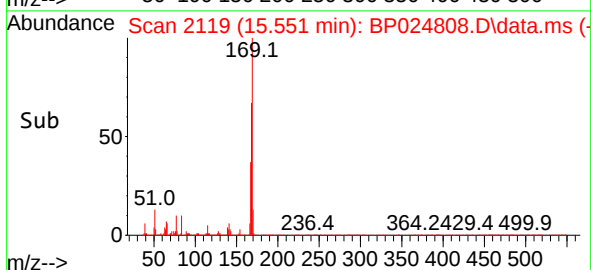
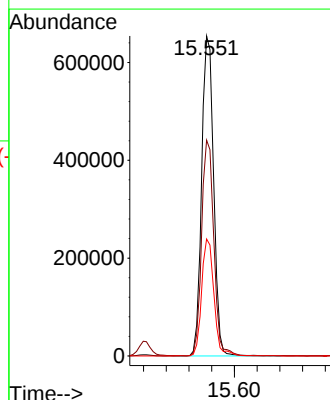
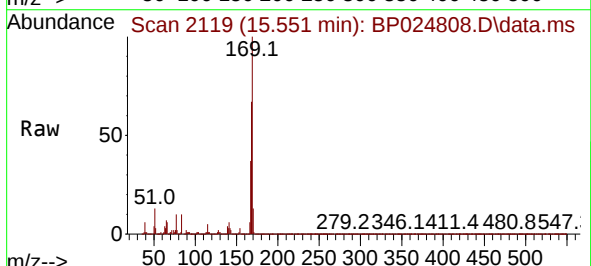
Instrument :
BNA_P
ClientSampleId :
PB168156BS

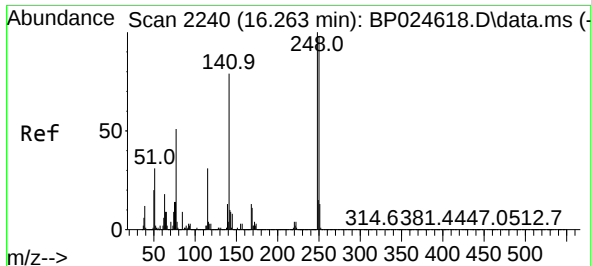
Tgt Ion:198 Resp: 205860
Ion Ratio Lower Upper
198 100
51 38.3 21.1 61.1
105 38.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.905 ng
RT: 15.551 min Scan# 2119
Delta R.T. -0.029 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:169 Resp: 956381
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 36.6 28.6 43.0

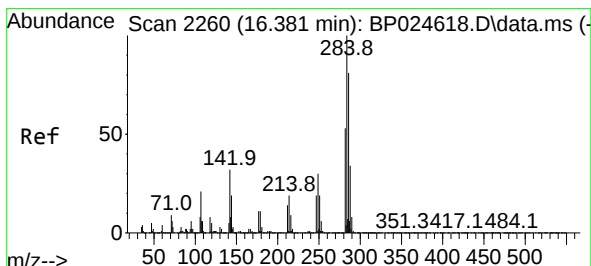
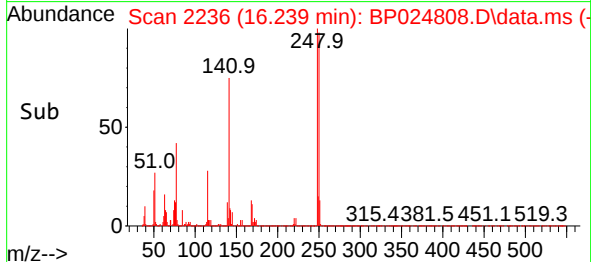
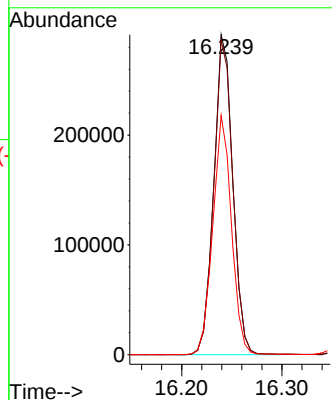
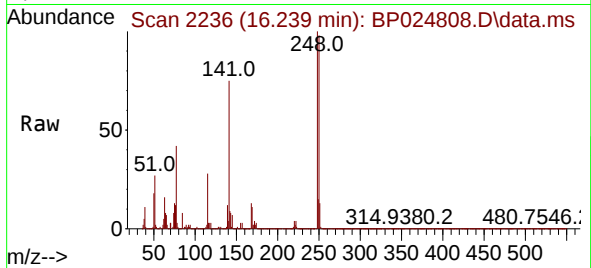




#67
4-Bromophenyl-phenylether
Concen: 49.038 ng
RT: 16.239 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

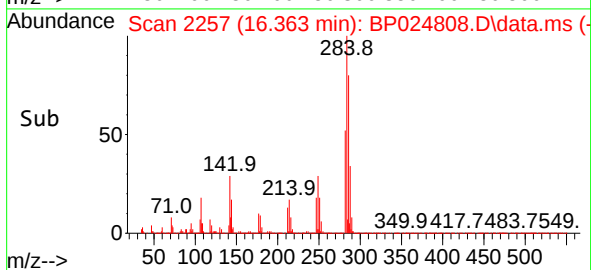
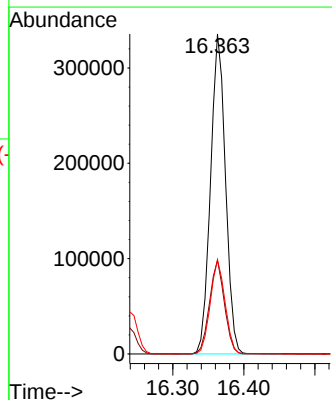
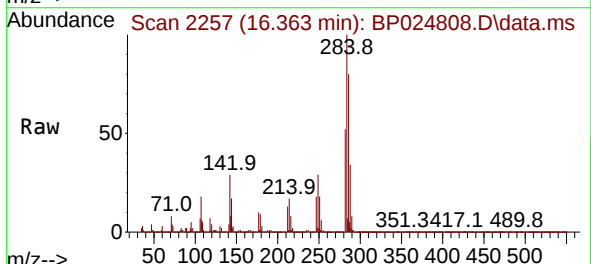
Instrument :
BNA_P
ClientSampleId :
PB168156BS

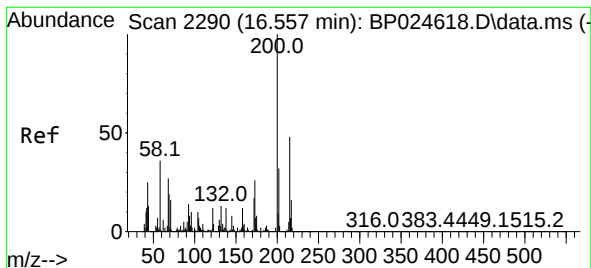
Tgt Ion:248 Resp: 383581
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 74.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 49.319 ng
RT: 16.363 min Scan# 2257
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:284 Resp: 490203
Ion Ratio Lower Upper
284 100
142 29.3 25.9 38.9
249 29.4 24.1 36.1





#69

Atrazine

Concen: 48.807 ng

RT: 16.533 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

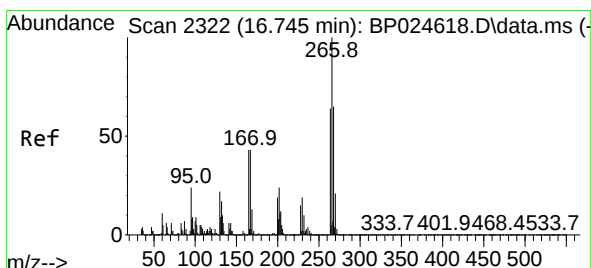
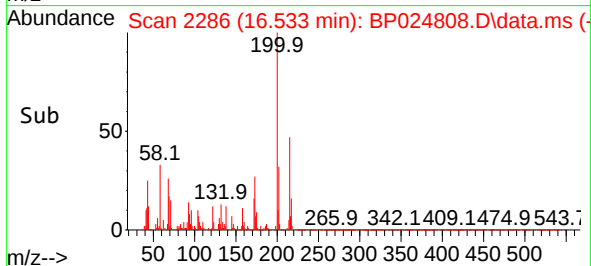
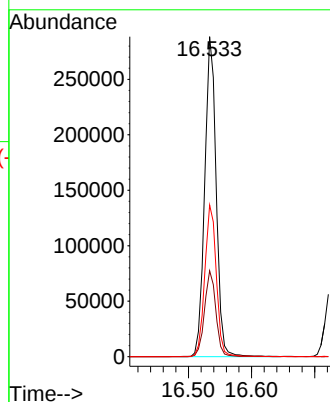
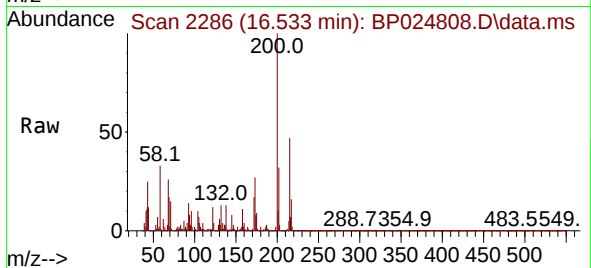
Tgt Ion:200 Resp: 364704

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

215 47.4 28.3 68.3



#70

Pentachlorophenol

Concen: 112.477 ng

RT: 16.728 min Scan# 2319

Delta R.T. -0.018 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

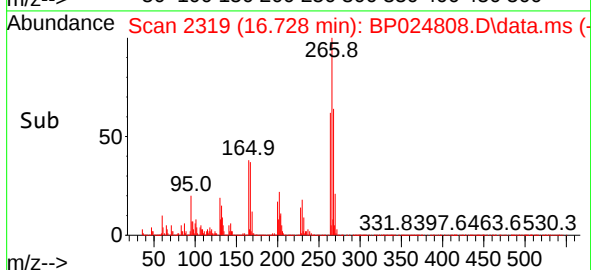
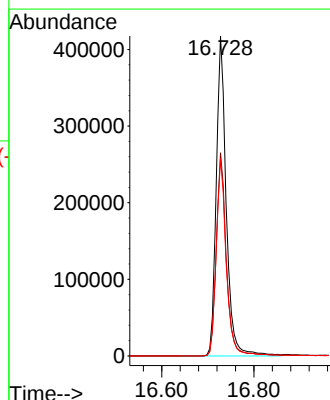
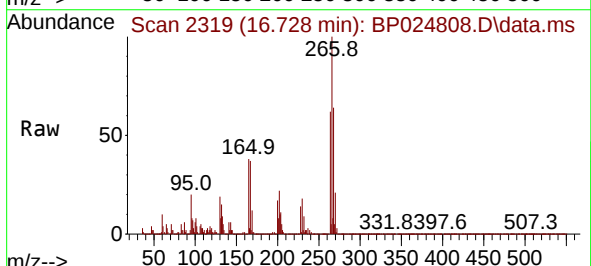
Tgt Ion:266 Resp: 627557

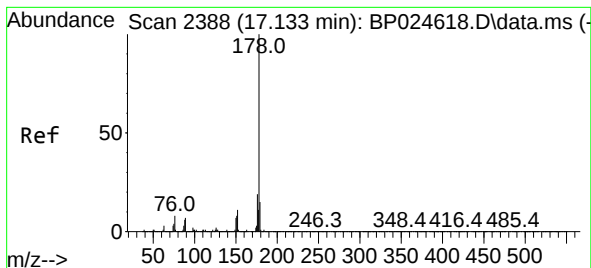
Ion Ratio Lower Upper

266 100

268 63.5 52.2 78.4

264 61.7 51.1 76.7





#71

Phenanthrene

Concen: 45.806 ng

RT: 17.116 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

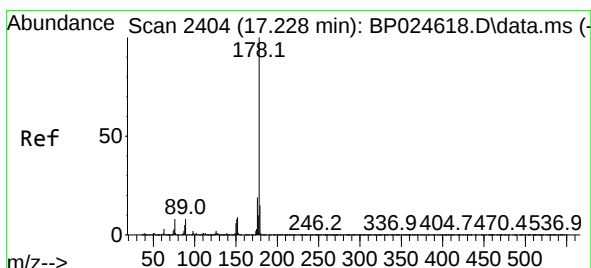
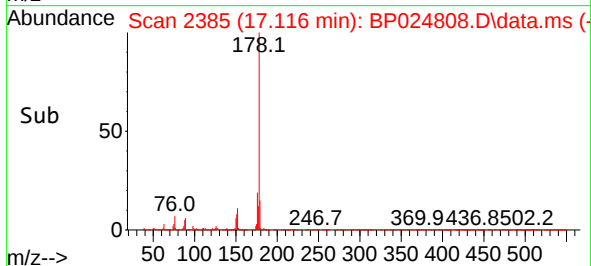
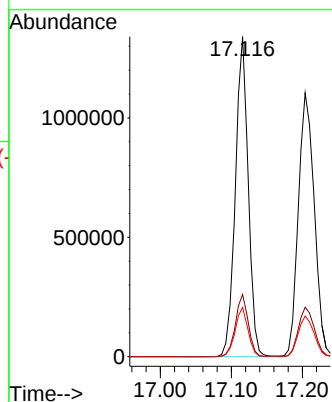
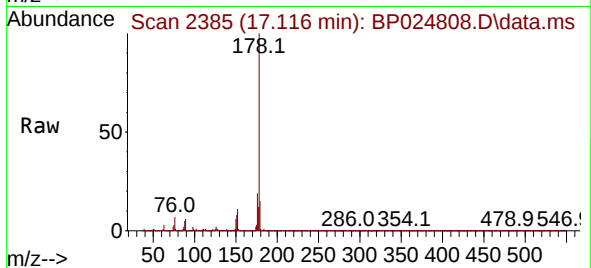
Tgt Ion:178 Resp: 1690348

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 46.439 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.024 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

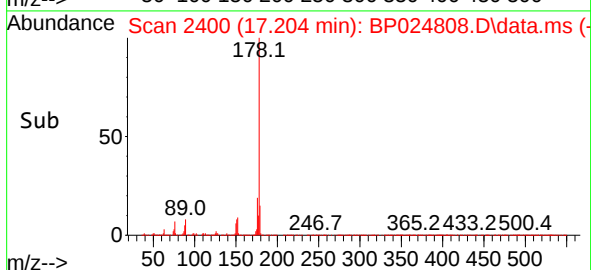
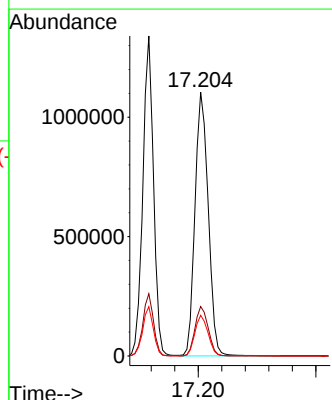
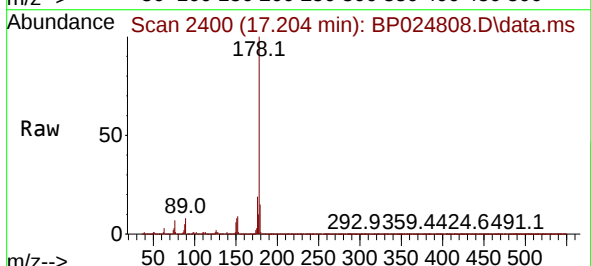
Tgt Ion:178 Resp: 1724203

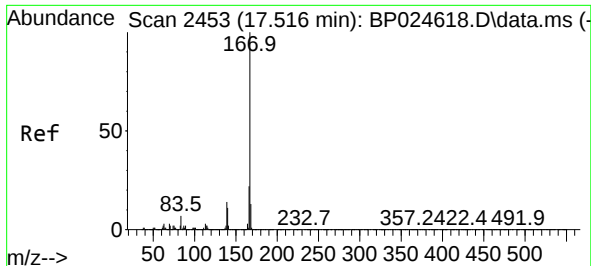
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.2 18.2

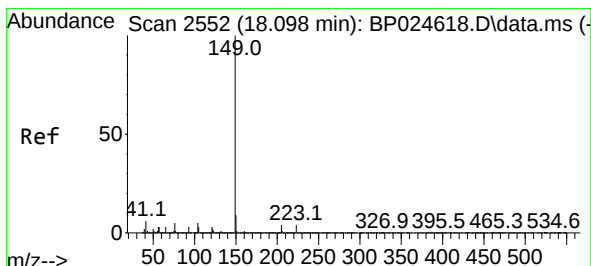
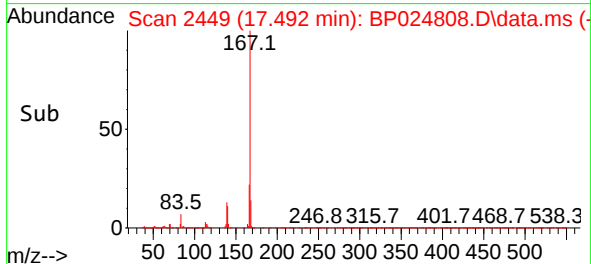
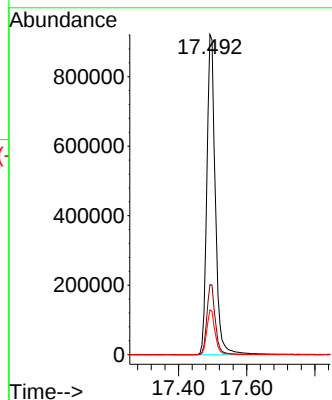
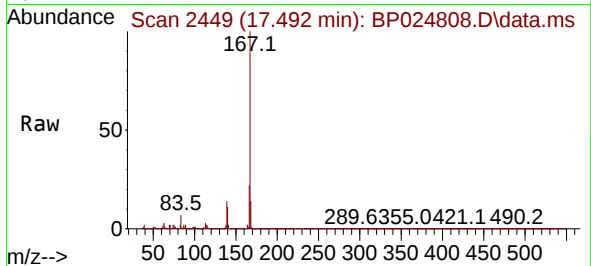




#73
Carbazole
Concen: 47.308 ng
RT: 17.492 min Scan# 2453
Delta R.T. -0.024 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

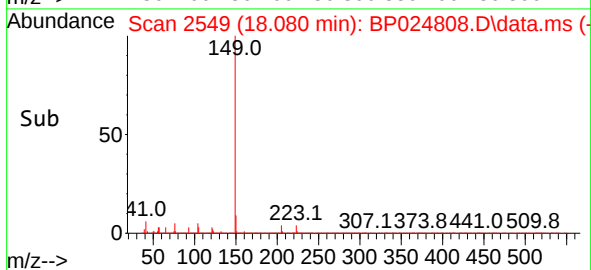
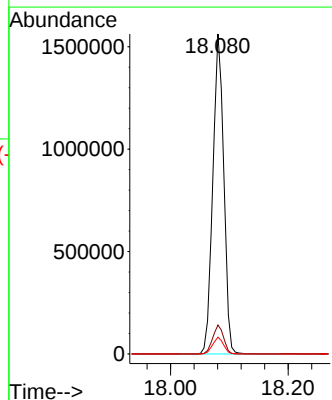
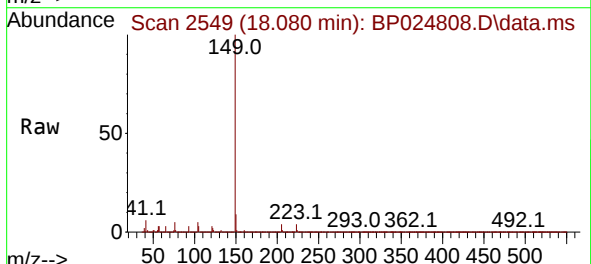
Instrument :
BNA_P
ClientSampleId :
PB168156BS

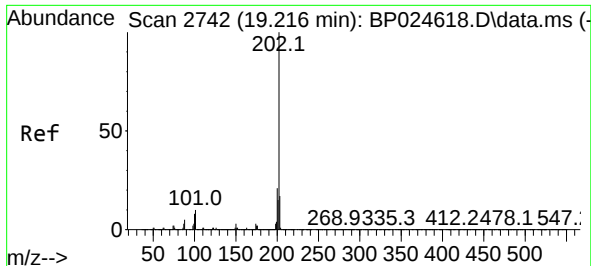
Tgt Ion:167 Resp: 1589773
Ion Ratio Lower Upper
167 100
166 21.9 17.7 26.5
139 14.0 11.3 16.9



#74
Di-n-butylphthalate
Concen: 46.670 ng
RT: 18.080 min Scan# 2549
Delta R.T. -0.018 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:149 Resp: 2016988
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.2 4.3 6.5

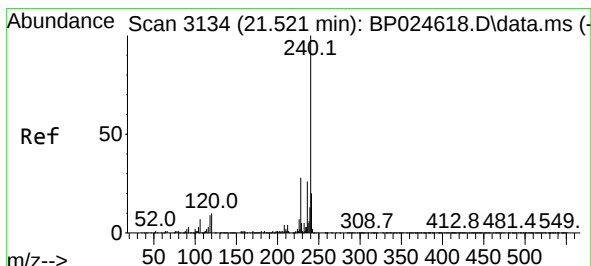
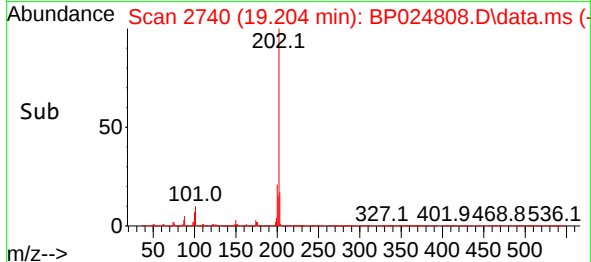
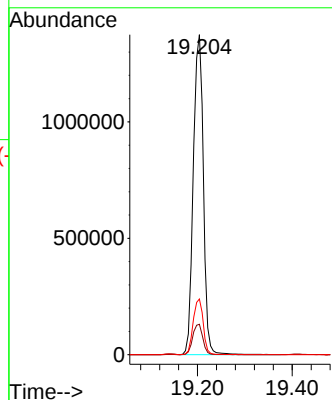
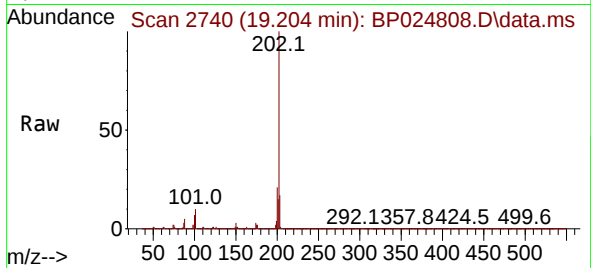




#75
Fluoranthene
Concen: 47.056 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

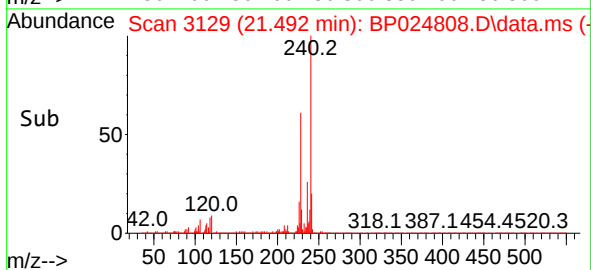
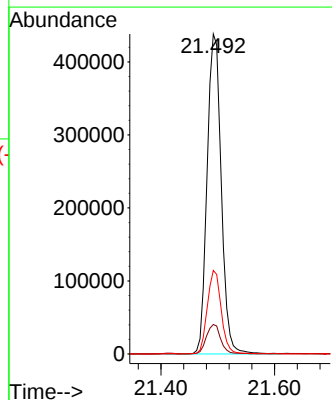
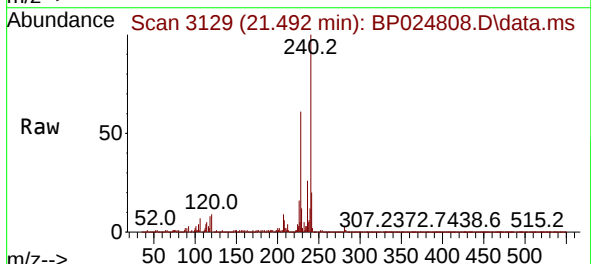
Instrument :
BNA_P
ClientSampleId :
PB168156BS

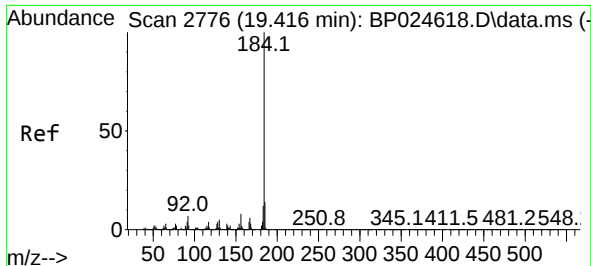
Tgt Ion:202 Resp: 2029843
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.029 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:240 Resp: 754771
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 26.1 20.6 31.0

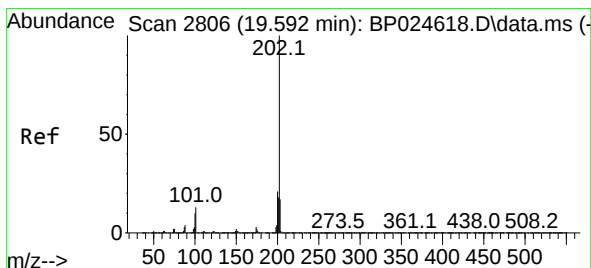
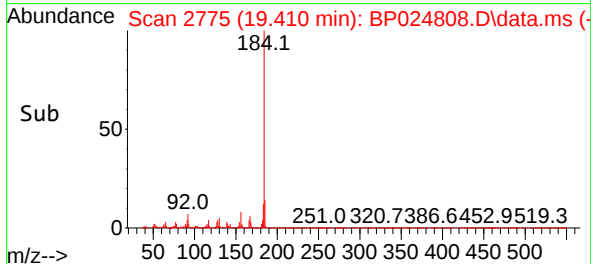
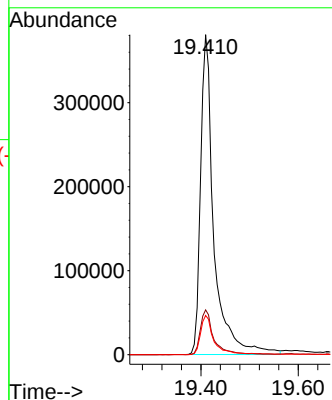
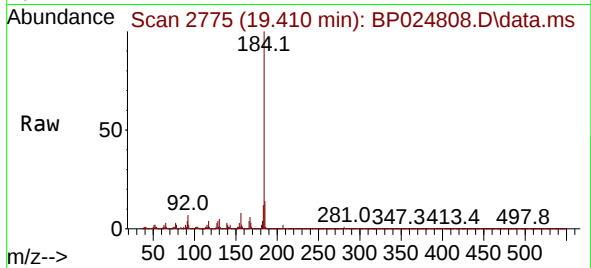




#77
Benzidine
Concen: 35.334 ng
RT: 19.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

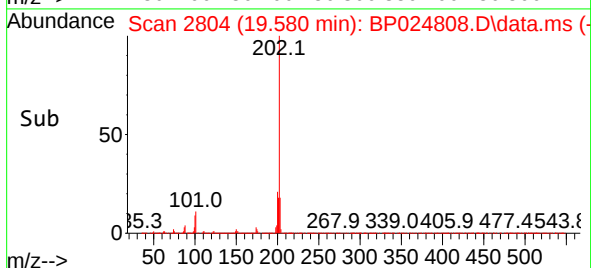
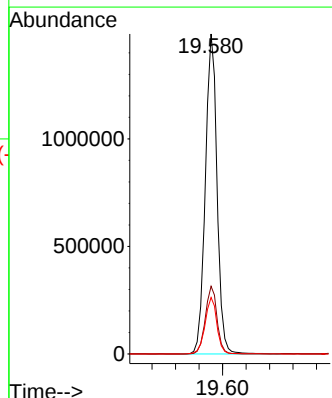
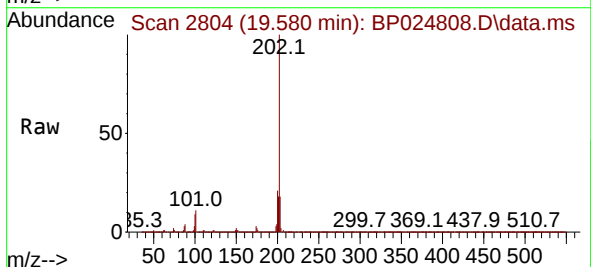
Instrument :
BNA_P
ClientSampleId :
PB168156BS

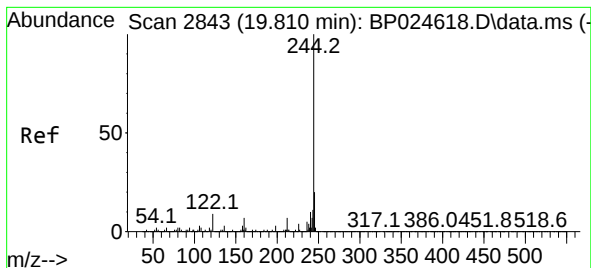
Tgt Ion:184 Resp: 726363
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.2 9.8 14.8



#78
Pyrene
Concen: 45.564 ng
RT: 19.580 min Scan# 2804
Delta R.T. -0.012 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:202 Resp: 2060591
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 81.625 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

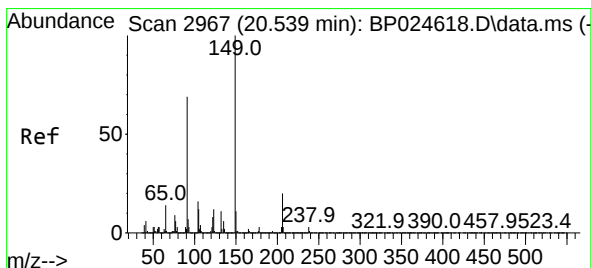
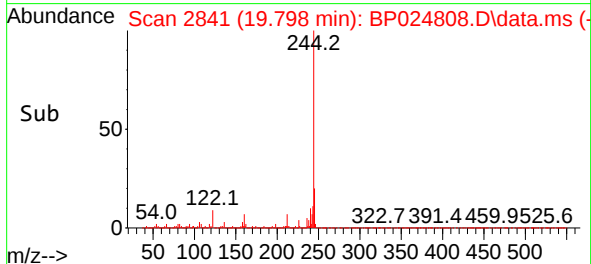
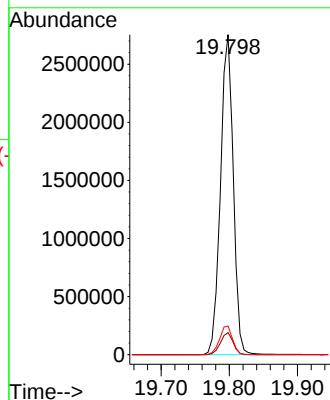
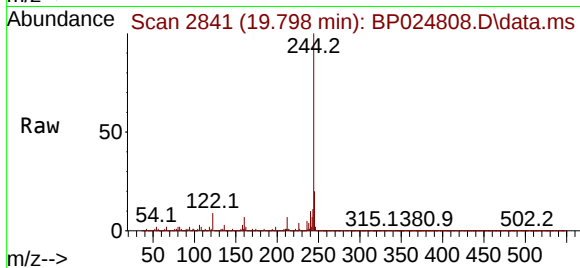
BNA_P

ClientSampleId :

PB168156BS

Tgt Ion:244 Resp: 3592964

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.0	7.4	11.0



#80

Butylbenzylphthalate

Concen: 47.294 ng

RT: 20.527 min Scan# 2965

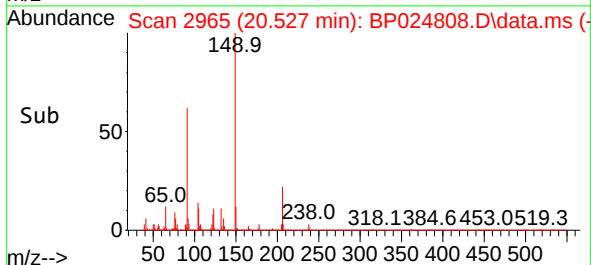
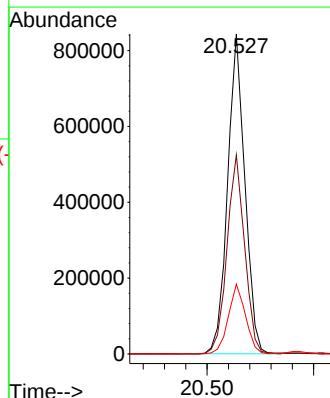
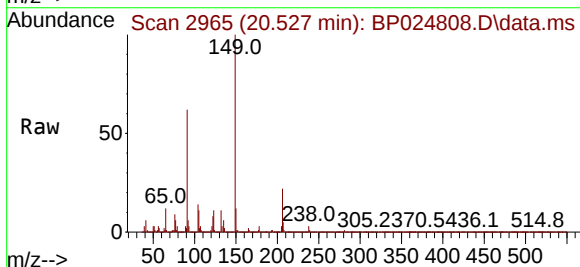
Delta R.T. -0.012 min

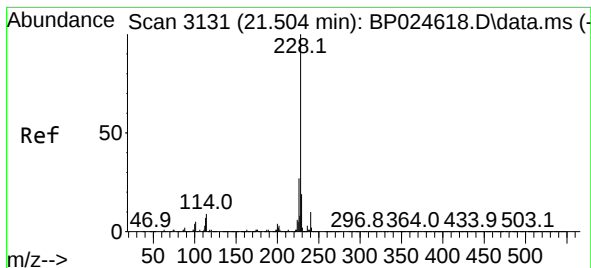
Lab File: BP024808.D

Acq: 27 May 2025 11:43

Tgt Ion:149 Resp: 951232

Ion	Ratio	Lower	Upper
149	100		
91	62.2	55.4	83.0
206	21.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 46.676 ng

RT: 21.474 min Scan# 3115

Delta R.T. -0.029 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

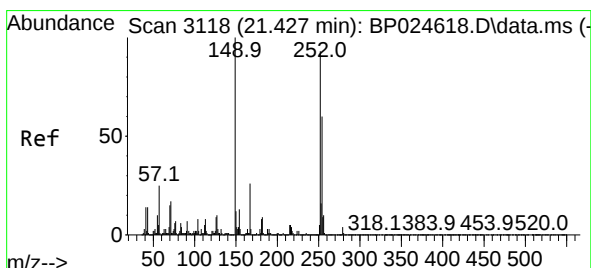
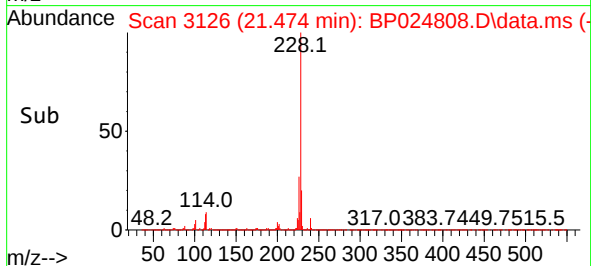
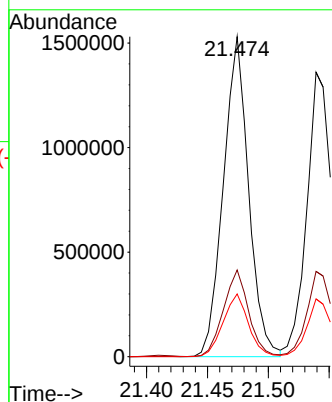
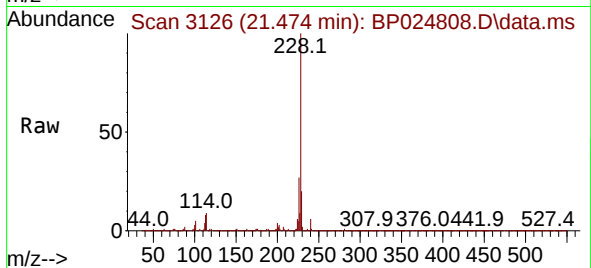
Tgt Ion:228 Resp: 2212139

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.282 ng

RT: 21.410 min Scan# 3115

Delta R.T. -0.018 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

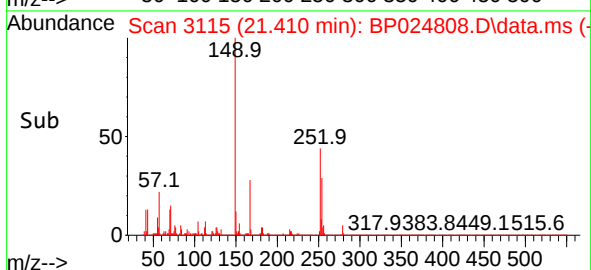
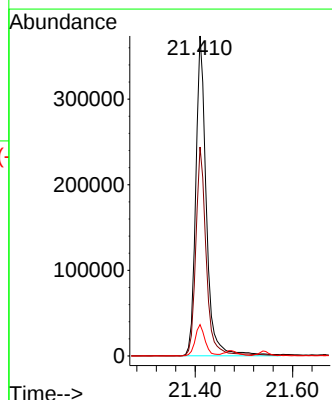
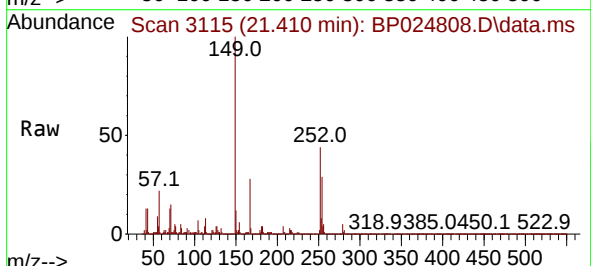
Tgt Ion:252 Resp: 568250

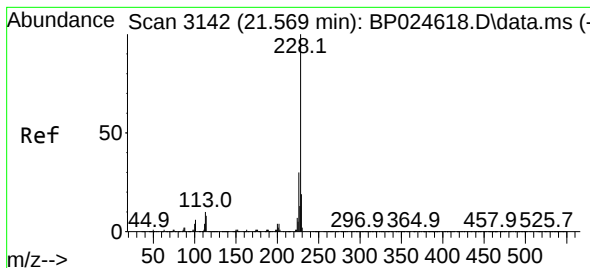
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.6

126 9.8 7.7 11.5





#83

Chrysene

Concen: 45.759 ng

RT: 21.539 min Scan# 3116

Delta R.T. -0.029 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

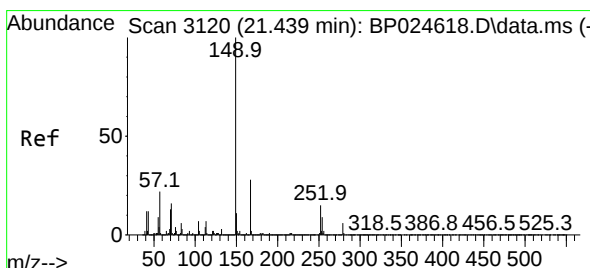
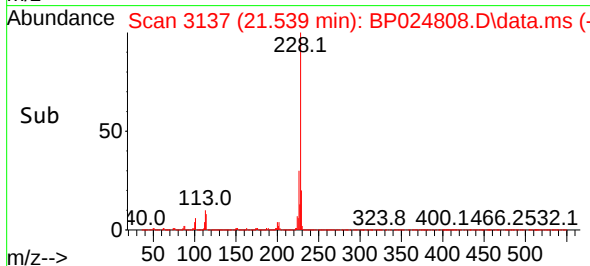
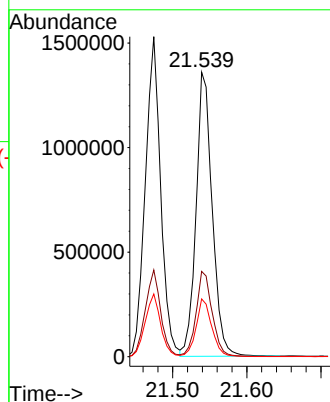
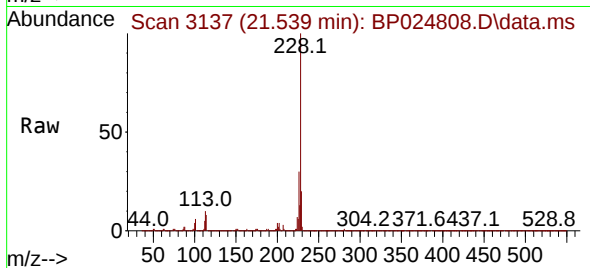
Tgt Ion:228 Resp: 2055797

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 20.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.502 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

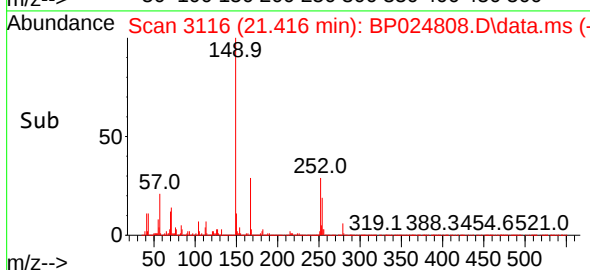
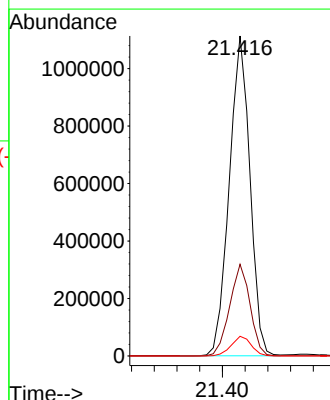
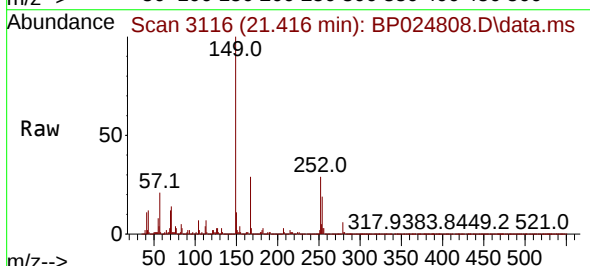
Tgt Ion:149 Resp: 1404288

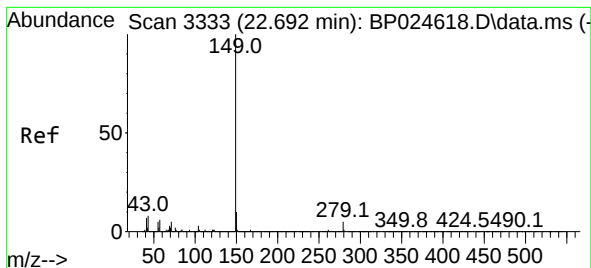
Ion Ratio Lower Upper

149 100

167 28.7 22.1 33.1

279 6.2 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 48.852 ng

RT: 22.651 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

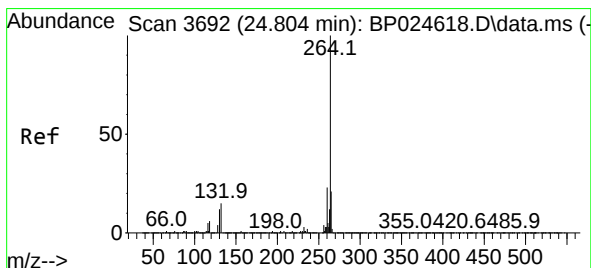
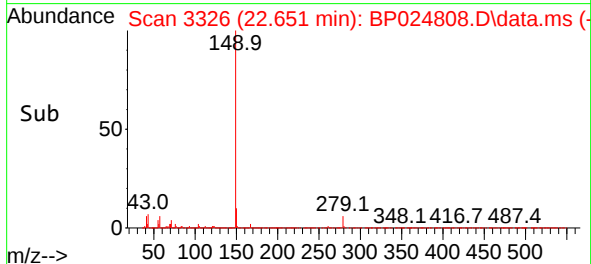
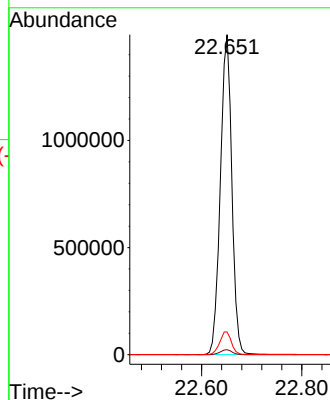
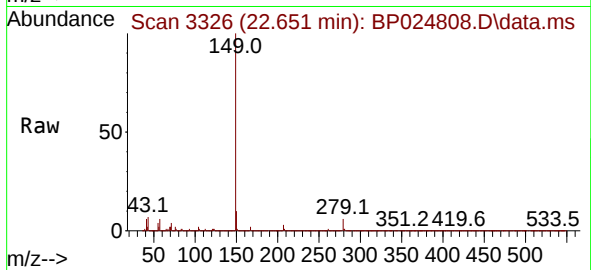
Tgt Ion:149 Resp: 2361682

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3686

Delta R.T. -0.035 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

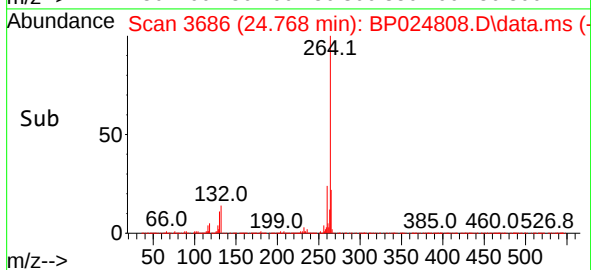
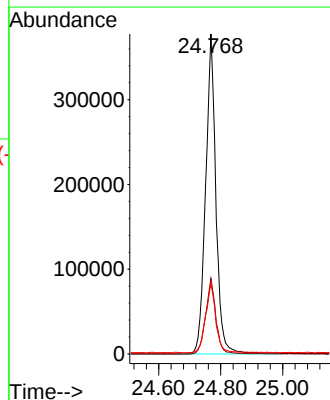
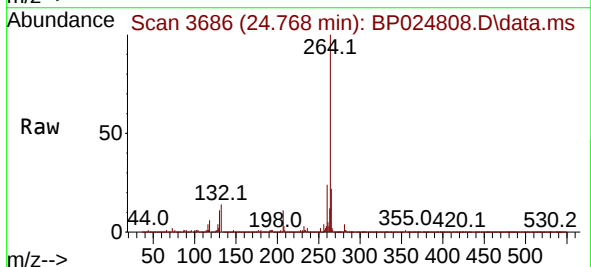
Tgt Ion:264 Resp: 873725

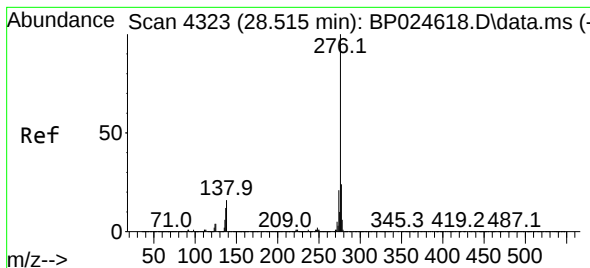
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.528 ng

RT: 28.456 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

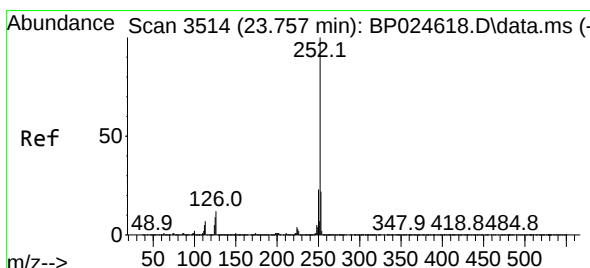
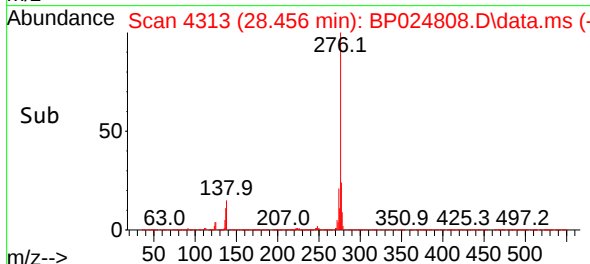
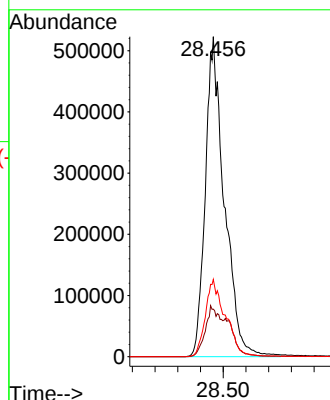
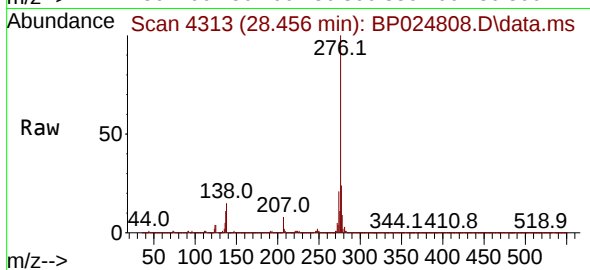
Tgt Ion:276 Resp: 3031662

Ion Ratio Lower Upper

276 100

138 12.3 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 47.077 ng

RT: 23.721 min Scan# 3508

Delta R.T. -0.035 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

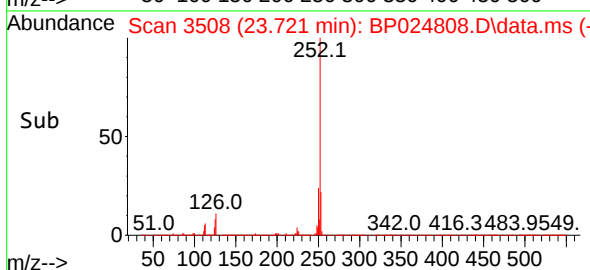
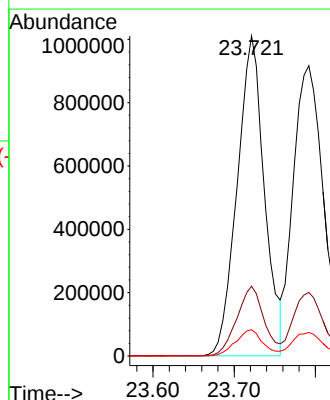
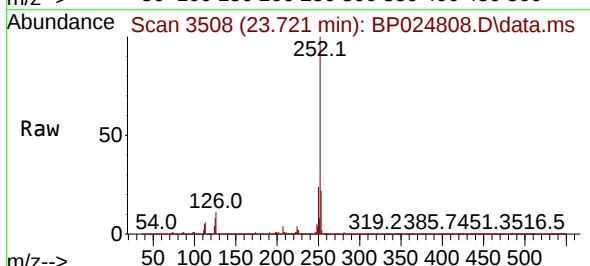
Tgt Ion:252 Resp: 2354335

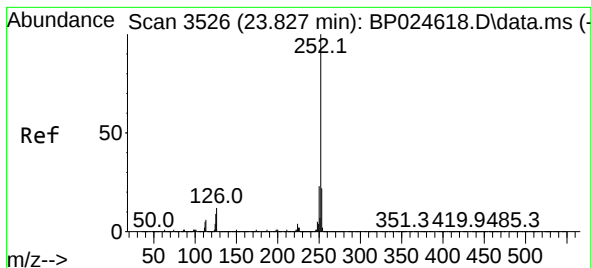
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 46.647 ng

RT: 23.792 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

Instrument :

BNA_P

ClientSampleId :

PB168156BS

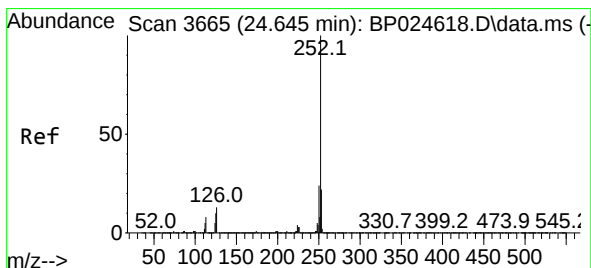
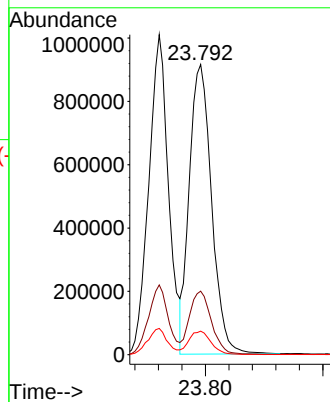
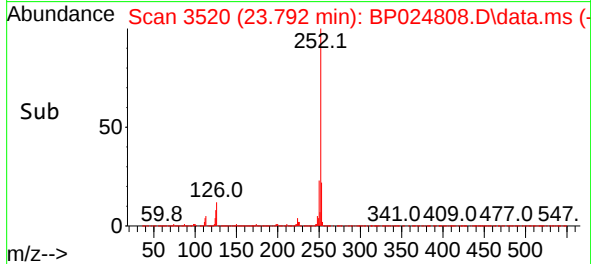
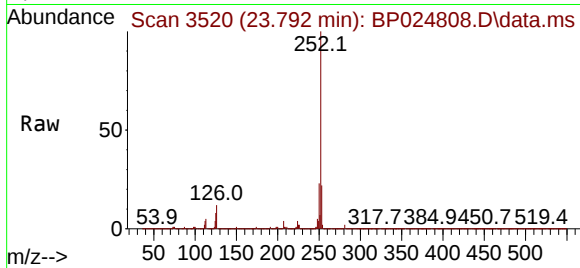
Tgt Ion:252 Resp: 2403832

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 47.357 ng

RT: 24.615 min Scan# 3660

Delta R.T. -0.029 min

Lab File: BP024808.D

Acq: 27 May 2025 11:43

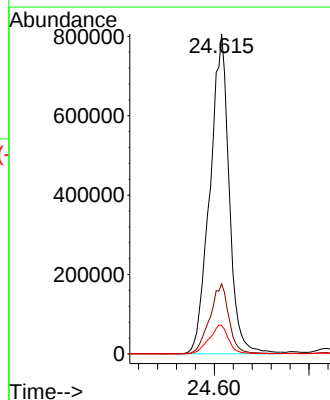
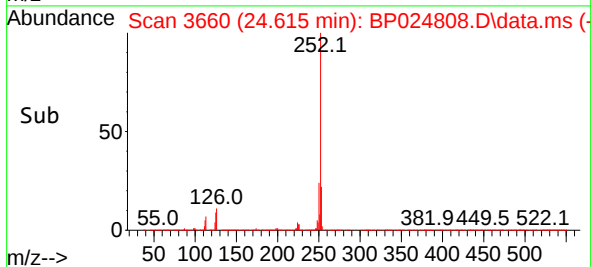
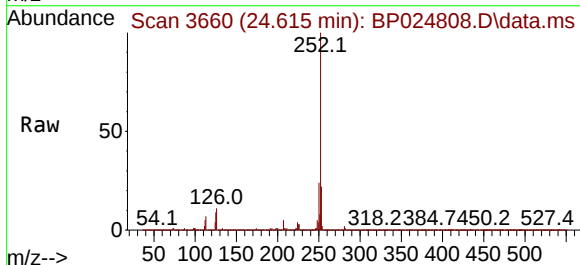
Tgt Ion:252 Resp: 2274584

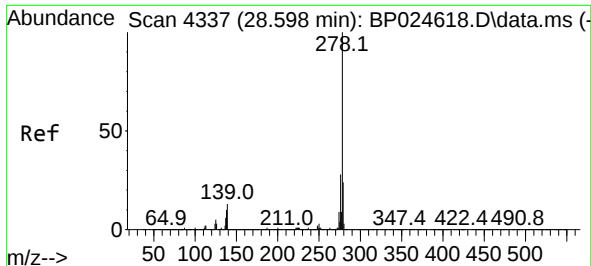
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 8.1 12.1

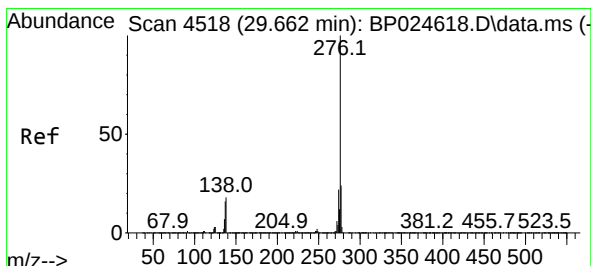
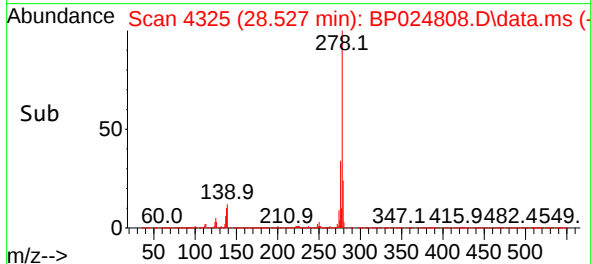
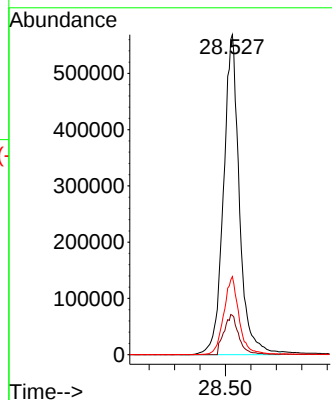
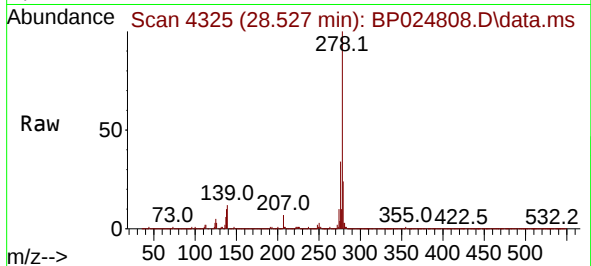




#91
Dibenzo(a,h)anthracene
Concen: 47.590 ng
RT: 28.527 min Scan# 41
Delta R.T. -0.071 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Instrument :
BNA_P
ClientSampleId :
PB168156BS

Tgt Ion:278 Resp: 2469568
Ion Ratio Lower Upper
278 100
139 12.3 10.2 15.4
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.854 ng
RT: 29.592 min Scan# 4506
Delta R.T. -0.071 min
Lab File: BP024808.D
Acq: 27 May 2025 11:43

Tgt Ion:276 Resp: 2417887
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 16.4 14.4 21.6

