

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024708.D
 Acq On : 20 May 2025 15:16
 Operator : RC/JU
 Sample : PB168048BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BSD

Quant Time: May 20 15:48:06 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	7.658	152	139801	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	538123	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	329718	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	642991	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	741643	20.000	ng	0.00
86) Perylene-d12	24.792	264	838594	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1043511	127.666	ng	0.00
7) Phenol-d6	6.863	99	1253204	120.132	ng	0.01
23) Nitrobenzene-d5	8.805	82	807485	75.818	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	816620	146.094	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1964889	78.074	ng	-0.01
79) Terphenyl-d14	19.804	244	3433913	79.393	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	120709	31.450	ng	95
3) Pyridine	3.617	79	287355	33.764	ng	95
4) n-Nitrosodimethylamine	3.528	42	150262	39.993	ng	88
6) Aniline	6.999	93	471275	34.991	ng	100
8) 2-Chlorophenol	7.234	128	406514	43.810	ng	98
9) Benzaldehyde	6.811	77	225153	33.341	ng	98
10) Phenol	6.887	94	449144	41.715	ng	96
11) bis(2-Chloroethyl)ether	7.087	93	343898	38.871	ng	100
12) 1,3-Dichlorobenzene	7.546	146	445502	41.731	ng	99
13) 1,4-Dichlorobenzene	7.693	146	456307	42.498	ng	99
14) 1,2-Dichlorobenzene	8.005	146	419608	40.106	ng	99
15) Benzyl Alcohol	7.905	79	327937	41.367	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	375945	35.482	ng	98
17) 2-Methylphenol	8.116	107	314693	40.750	ng	97
18) Hexachloroethane	8.716	117	162657	39.533	ng	98
19) n-Nitroso-di-n-propyla...	8.457	70	251492	34.851	ng	95
20) 3+4-Methylphenols	8.446	107	425353	40.492	ng	96
22) Acetophenone	8.469	105	559135	41.596	ng	# 98
24) Nitrobenzene	8.846	77	395885	42.239	ng	96
25) Isophorone	9.363	82	697164	37.737	ng	99
26) 2-Nitrophenol	9.552	139	219271	47.744	ng	98
27) 2,4-Dimethylphenol	9.622	122	372381	45.988	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	438080	39.691	ng	99
29) 2,4-Dichlorophenol	10.099	162	370553	47.224	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	392603	44.400	ng	97
31) Naphthalene	10.475	128	1185760	42.522	ng	100
32) Benzoic acid	9.810	122	228390	41.680	ng	97
33) 4-Chloroaniline	10.593	127	393001	34.925	ng	99
34) Hexachlorobutadiene	10.752	225	262558	45.836	ng	98
35) Caprolactam	11.399	113	122940	43.305	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	409493	42.794	ng	98
37) 2-Methylnaphthalene	12.087	142	755884	41.862	ng	99
38) 1-Methylnaphthalene	12.310	142	792211	41.005	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	450159	47.016	ng	99
41) Hexachlorocyclopentadiene	12.434	237	578889	99.710	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	308678	49.774	ng	99

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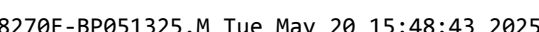
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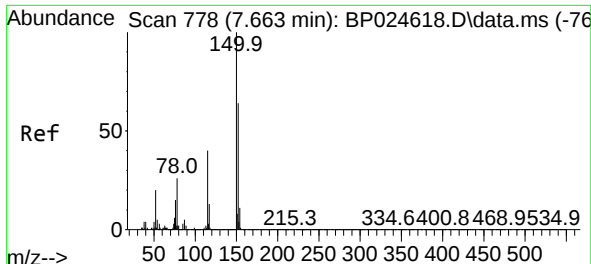
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	333877	48.366	ng	96
46) 1,1'-Biphenyl	13.104	154	1119732	45.948	ng	99
47) 2-Chloronaphthalene	13.145	162	857654	46.157	ng	98
48) 2-Nitroaniline	13.369	65	247888	45.061	ng	96
49) Acenaphthylene	14.004	152	1357825	43.666	ng	100
50) Dimethylphthalate	13.745	163	1126770	44.835	ng	100
51) 2,6-Dinitrotoluene	13.863	165	242858	45.757	ng	96
52) Acenaphthene	14.351	154	795831	44.519	ng	99
53) 3-Nitroaniline	14.204	138	200980	37.085	ng	98
54) 2,4-Dinitrophenol	14.422	184	292154	86.708	ng	96
55) Dibenzofuran	14.692	168	1245387	43.677	ng	98
56) 4-Nitrophenol	14.563	139	367273	78.370	ng	96
57) 2,4-Dinitrotoluene	14.669	165	343419	45.895	ng	97
58) Fluorene	15.345	166	1060372	45.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	307270	47.983	ng	97
60) Diethylphthalate	15.122	149	1120632	44.119	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	526856	45.439	ng	98
62) 4-Nitroaniline	15.387	138	228988	43.760	ng	99
63) Azobenzene	15.639	77	928905	42.749	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	203628	49.028	ng	98
66) n-Nitrosodiphenylamine	15.563	169	938311	47.509	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	363780	48.013	ng	98
68) Hexachlorobenzene	16.369	284	458184	47.591	ng	99
69) Atrazine	16.545	200	344306	47.570	ng	99
70) Pentachlorophenol	16.734	266	590870	109.332	ng	99
71) Phenanthrene	17.128	178	1585722	44.362	ng	99
72) Anthracene	17.216	178	1687384	46.920	ng	100
73) Carbazole	17.504	167	1527551	46.929	ng	100
74) Di-n-butylphthalate	18.086	149	1942338	46.398	ng	100
75) Fluoranthene	19.210	202	1881199	45.023	ng	99
77) Benzidine	19.416	184	1184443	58.638	ng	100
78) Pyrene	19.586	202	1922595	43.265	ng	100
80) Butylbenzylphthalate	20.539	149	882879	44.673	ng	92
81) Benzo(a)anthracene	21.498	228	2082335	44.715	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	713621	41.258	ng	99
83) Chrysene	21.563	228	1974706	44.732	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1370288	47.173	ng	100
85) Di-n-octyl phthalate	22.680	149	2264072	47.662	ng	99
87) Indeno(1,2,3-cd)pyrene	28.527	276	2777529	45.368	ng	95
88) Benzo(b)fluoranthene	23.763	252	2257968	47.041	ng	99
89) Benzo(k)fluoranthene	23.821	252	2269488	45.885	ng	99
90) Benzo(a)pyrene	24.645	252	2138419	46.387	ng	99
91) Dibenzo(a,h)anthracene	28.592	278	2290677	45.992	ng	99
92) Benzo(g,h,i)perylene	29.680	276	2221548	44.853	ng	98

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

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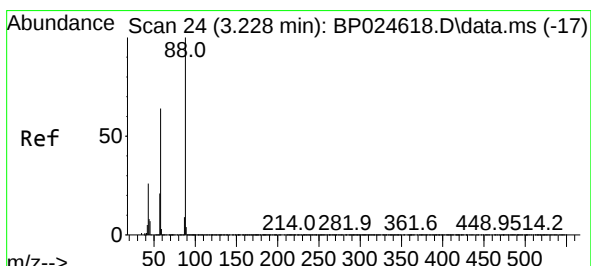
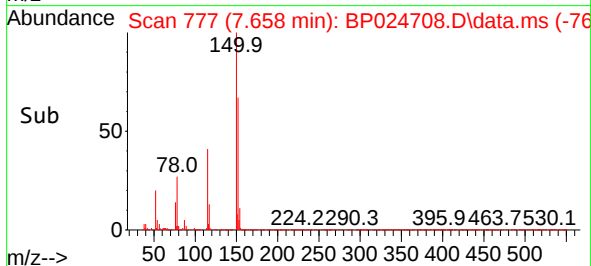
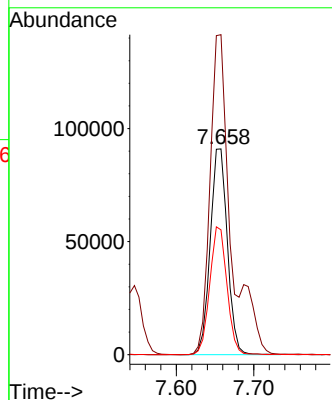
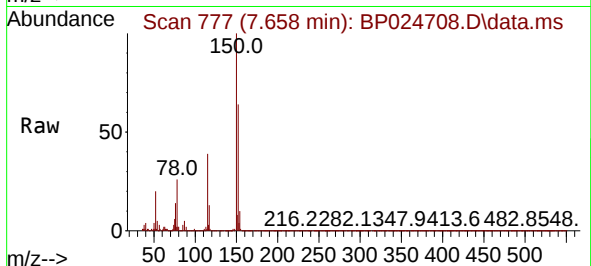




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

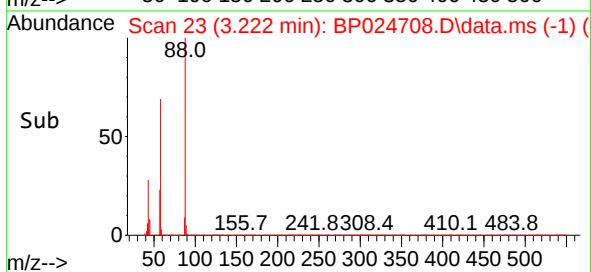
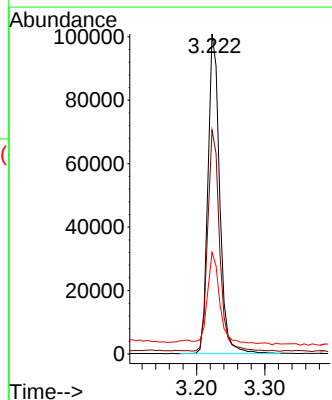
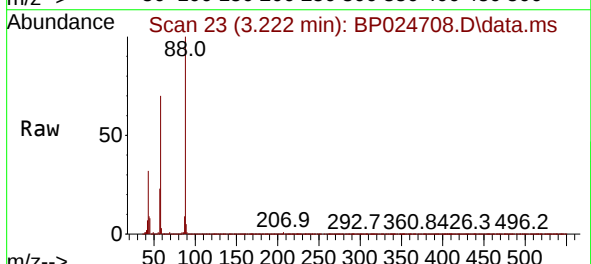
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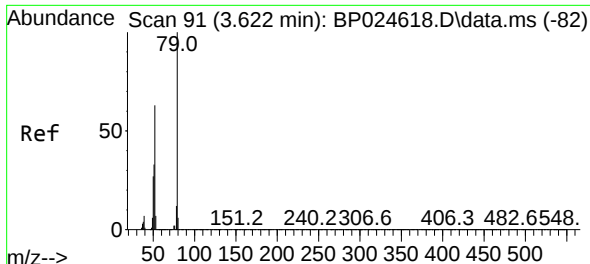
Tgt Ion:152 Resp: 139801
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 60.6 50.1 75.1



#2
1,4-Dioxane
Concen: 31.450 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 88 Resp: 120709
Ion Ratio Lower Upper
88 100
58 69.9 54.0 81.0
43 31.8 21.4 32.0

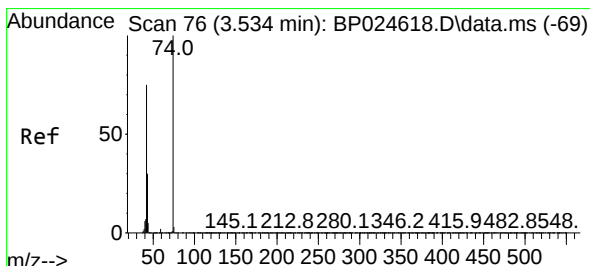
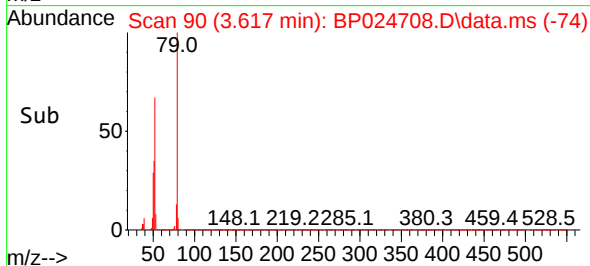
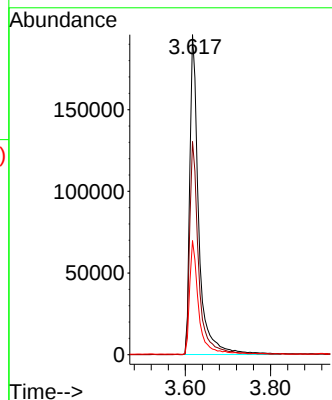
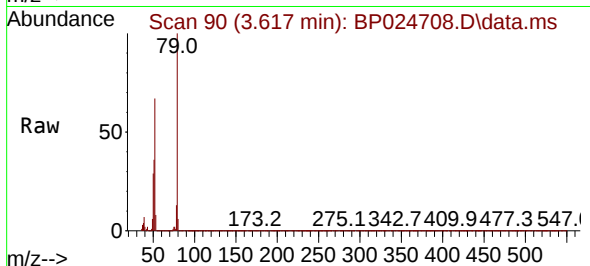




#3
 Pyridine
 Concen: 33.764 ng
 RT: 3.617 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BP024708.D
 Acq: 20 May 2025 15:16

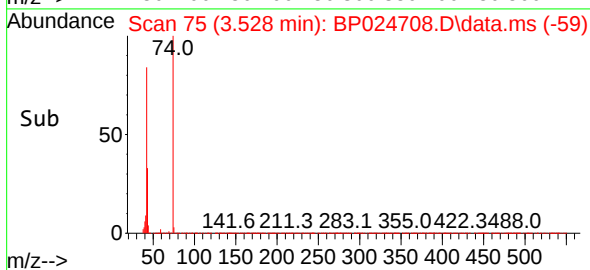
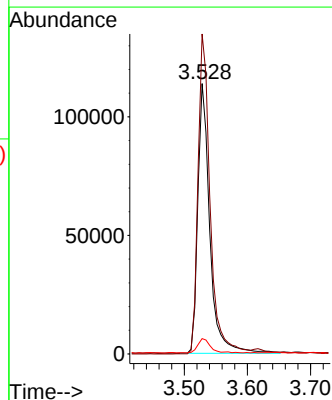
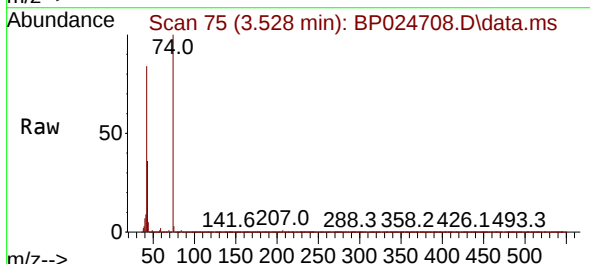
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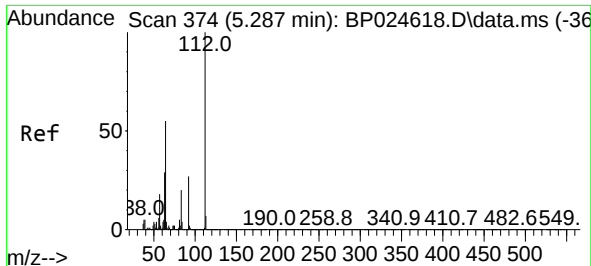
Tgt Ion: 79 Resp: 287355
 Ion Ratio Lower Upper
 79 100
 52 66.6 50.2 75.2
 51 35.6 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 39.993 ng
 RT: 3.528 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BP024708.D
 Acq: 20 May 2025 15:16

Tgt Ion: 42 Resp: 150262
 Ion Ratio Lower Upper
 42 100
 74 118.4 106.2 159.2
 44 5.7 5.4 8.2

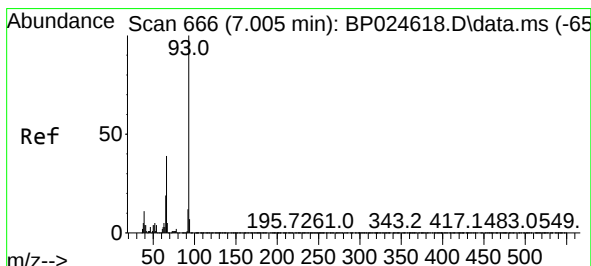
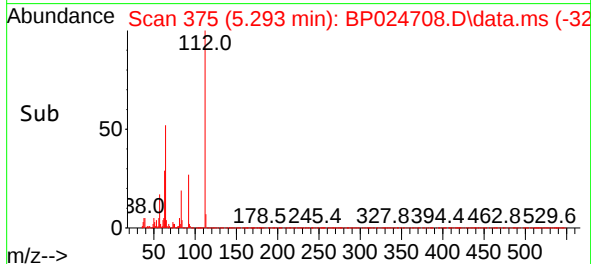
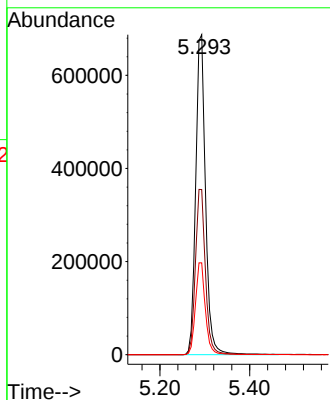
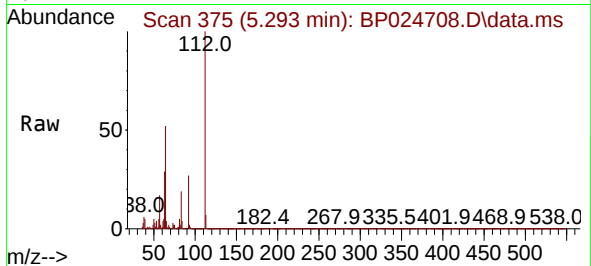




#5
2-Fluorophenol
Concen: 127.666 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

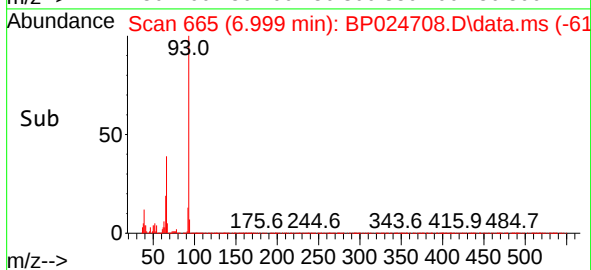
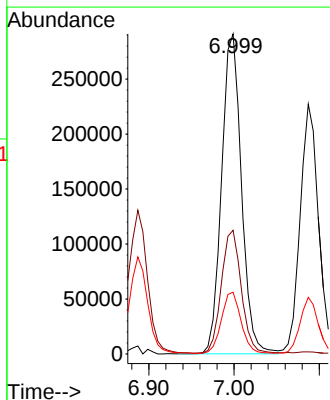
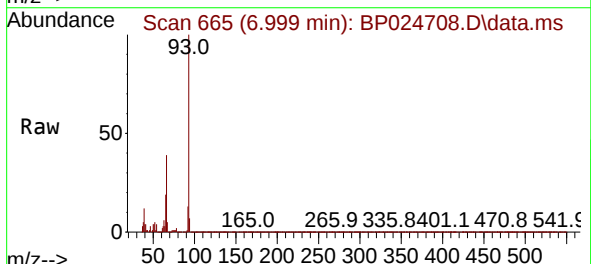
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:112 Resp: 1043511
Ion Ratio Lower Upper
112 100
64 51.6 44.1 66.1
63 28.7 23.5 35.3



#6
Aniline
Concen: 34.991 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 93 Resp: 471275
Ion Ratio Lower Upper
93 100
66 38.6 31.0 46.6
65 19.3 15.5 23.3

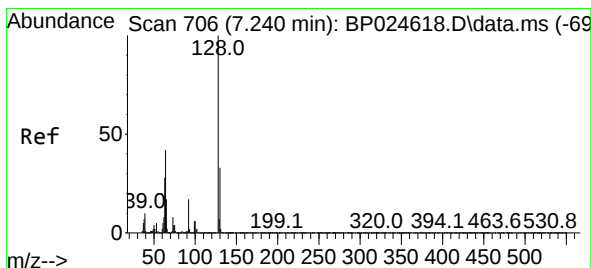
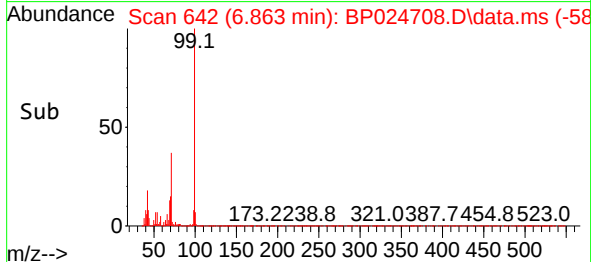
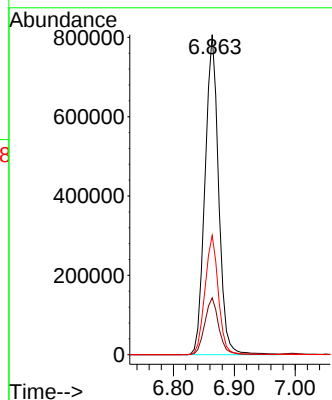
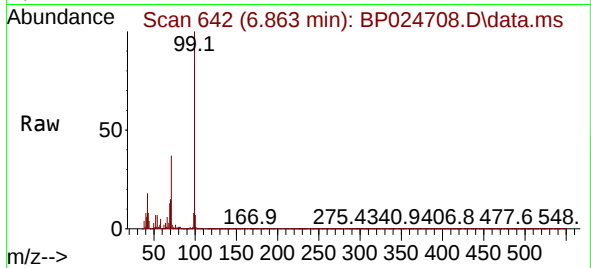




#7
Phenol-d6
Concen: 120.132 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

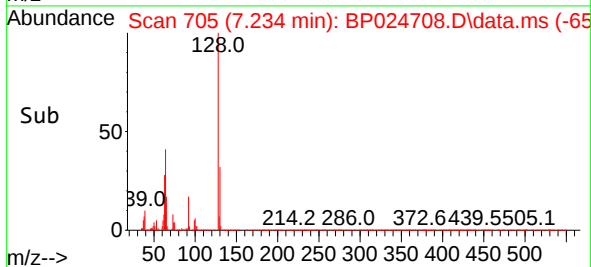
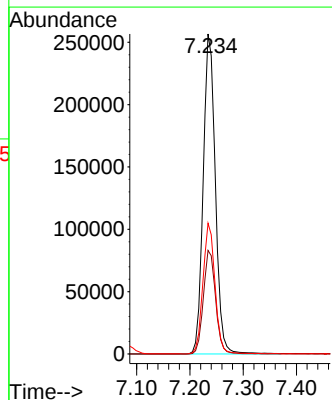
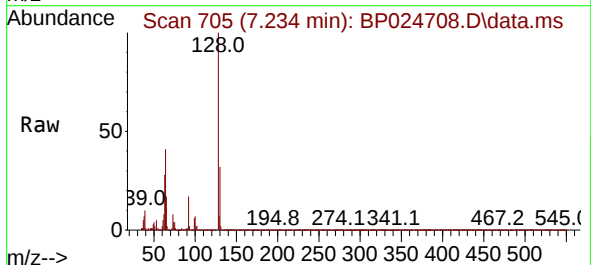
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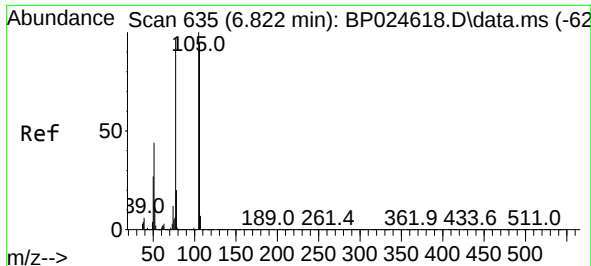
Tgt Ion: 99 Resp: 1253204
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 37.3 29.2 43.8



#8
2-Chlorophenol
Concen: 43.810 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 128 Resp: 406514
Ion Ratio Lower Upper
128 100
130 32.4 13.0 53.0
64 40.9 22.3 62.3

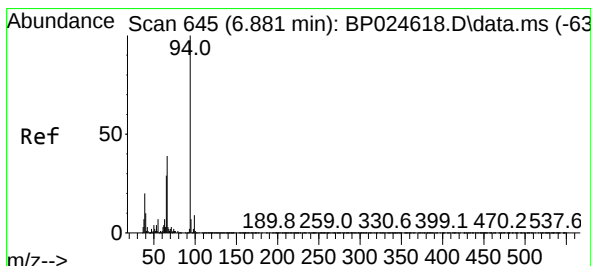
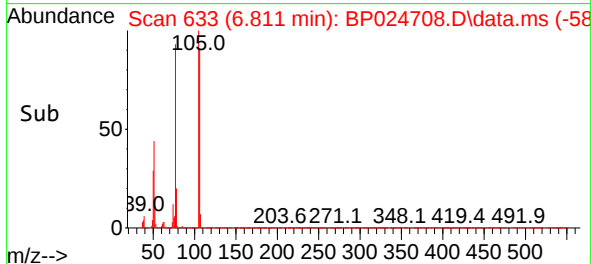
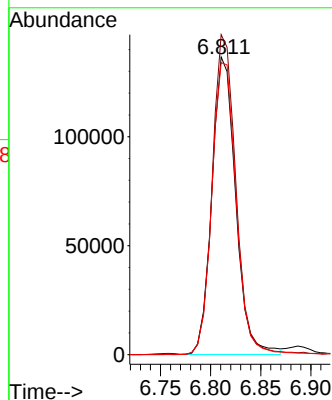
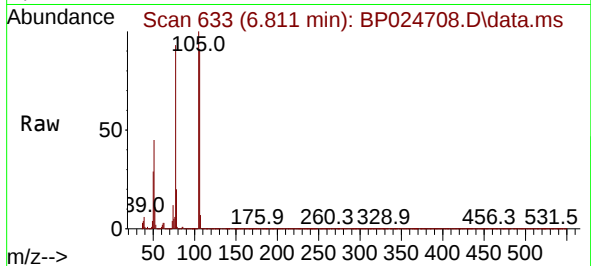




#9
Benzaldehyde
Concen: 33.341 ng
RT: 6.811 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

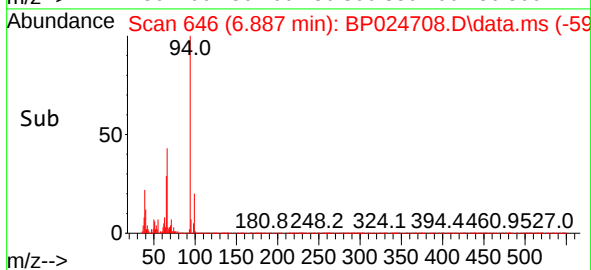
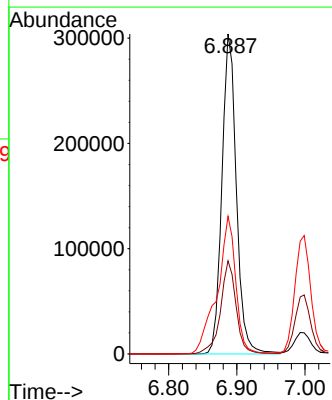
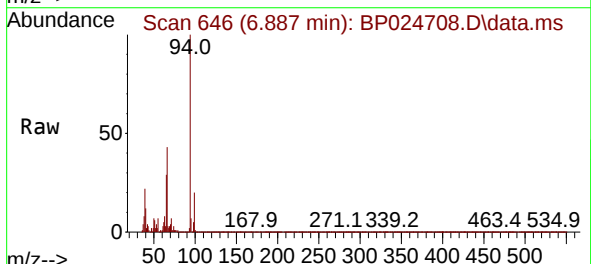
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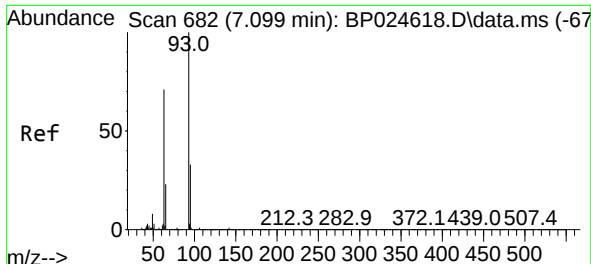
Tgt Ion: 77 Resp: 225153
Ion Ratio Lower Upper
77 100
105 107.4 83.3 123.3
106 98.0 78.0 118.0



#10
Phenol
Concen: 41.715 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024708.D
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Tgt Ion: 94 Resp: 449144
Ion Ratio Lower Upper
94 100
65 29.1 8.7 48.7
66 43.0 19.4 59.4

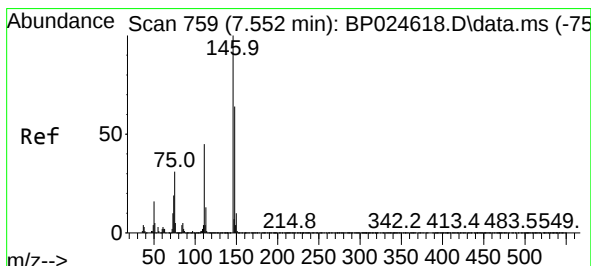
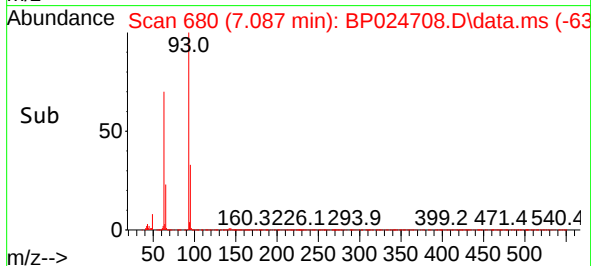
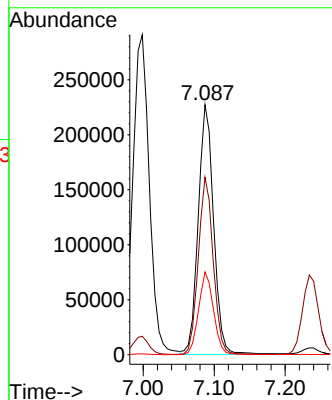
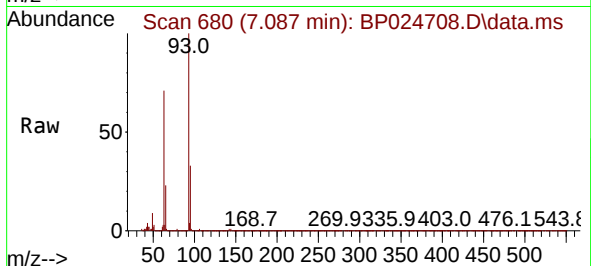




#11
bis(2-Chloroethyl)ether
Concen: 38.871 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

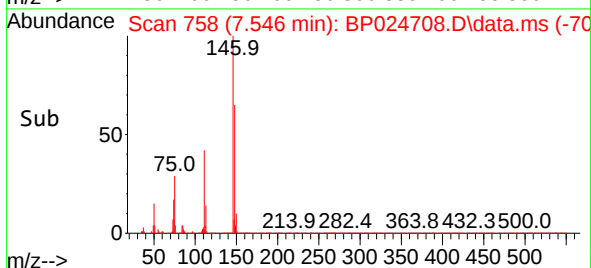
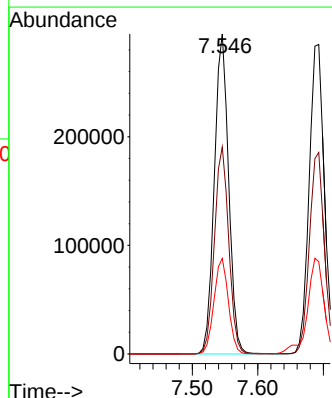
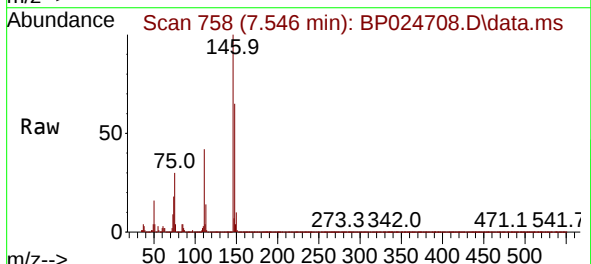
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

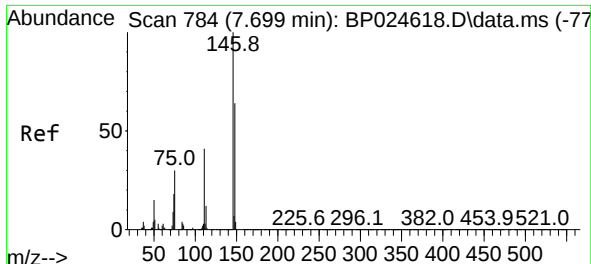
Tgt Ion: 93 Resp: 343898
Ion Ratio Lower Upper
93 100
63 71.0 50.6 90.6
95 33.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.731 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 146 Resp: 445502
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 29.8 25.2 37.8

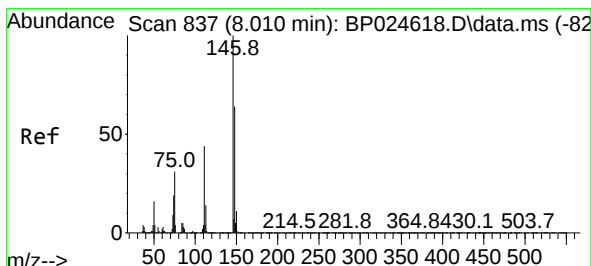
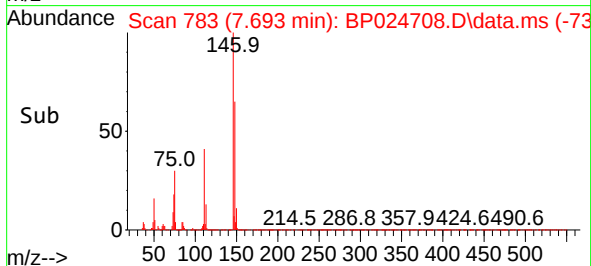
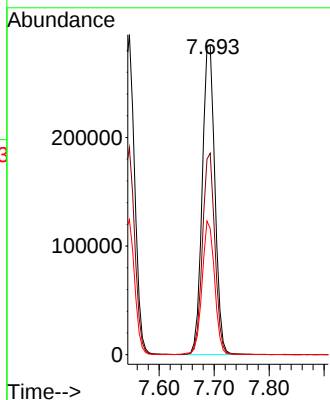
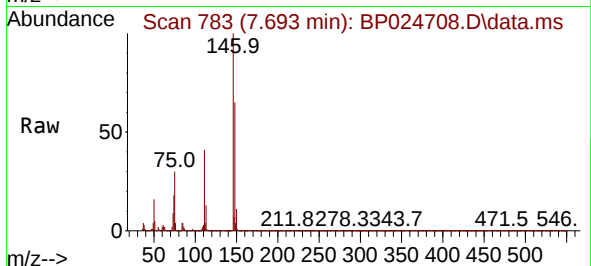




#13
1,4-Dichlorobenzene
Concen: 42.498 ng
RT: 7.693 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

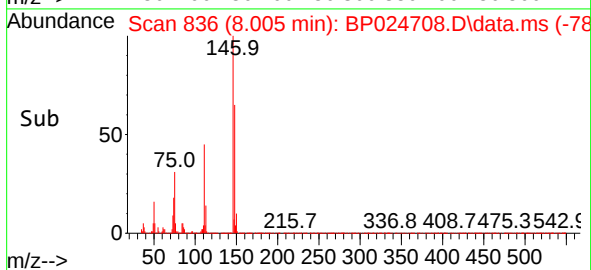
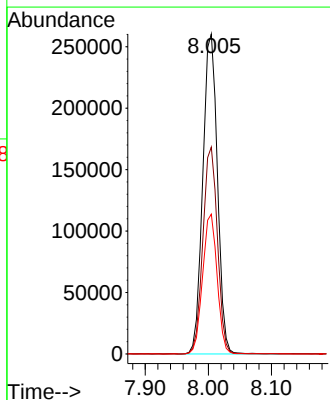
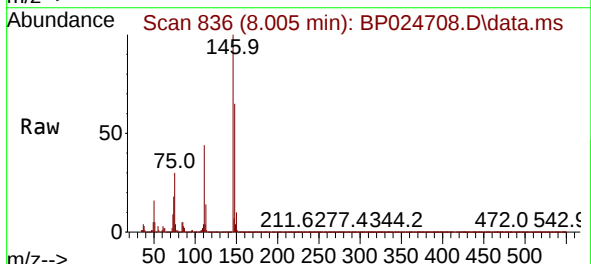
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion:146 Resp: 456307
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
111 40.8 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.106 ng
RT: 8.005 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:146 Resp: 419608
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
111 43.7 35.2 52.8

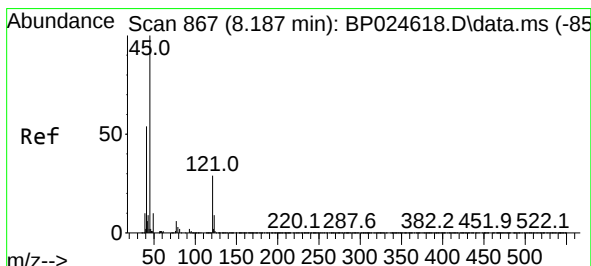
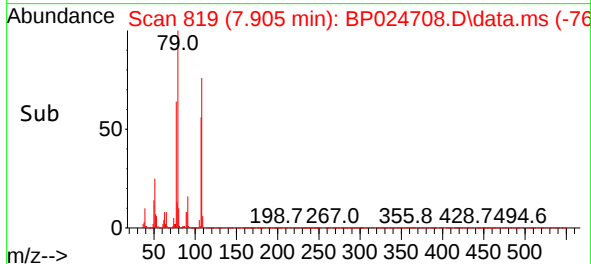
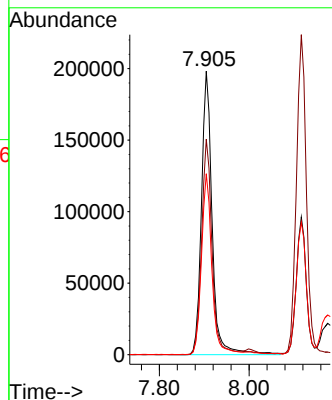
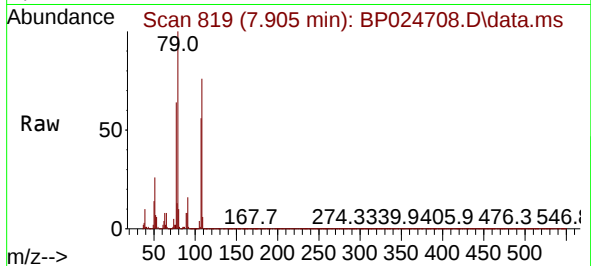




#15
Benzyl Alcohol
Concen: 41.367 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

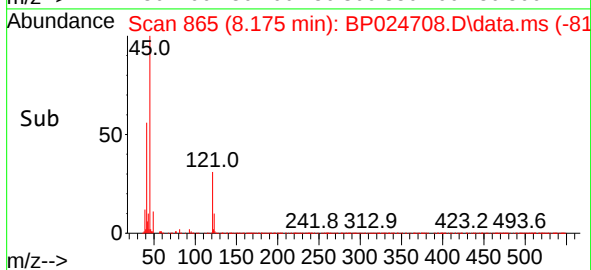
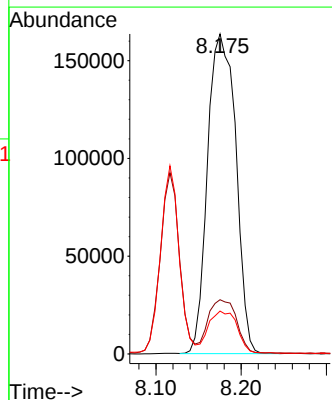
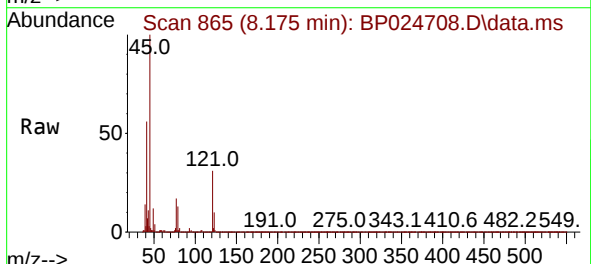
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

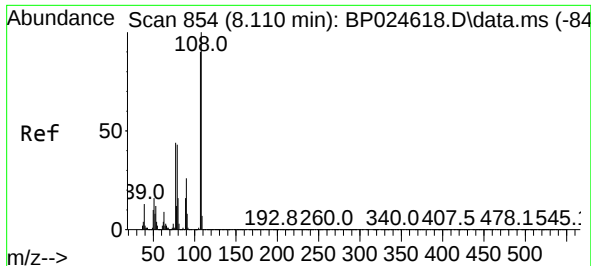
Tgt Ion: 79 Resp: 327937
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 63.8 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.482 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

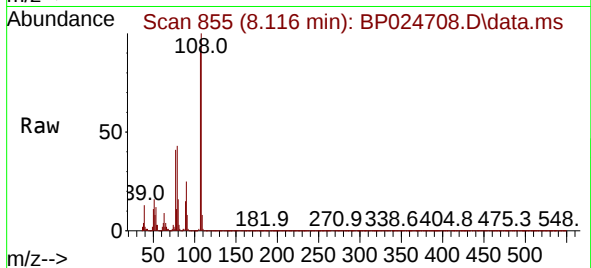
Tgt Ion: 45 Resp: 375945
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.7
79 13.4 0.0 34.0



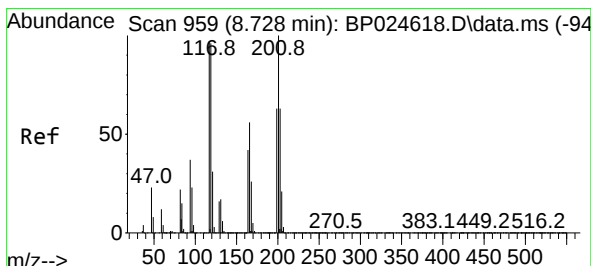
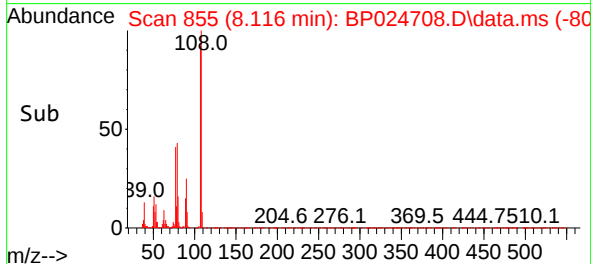
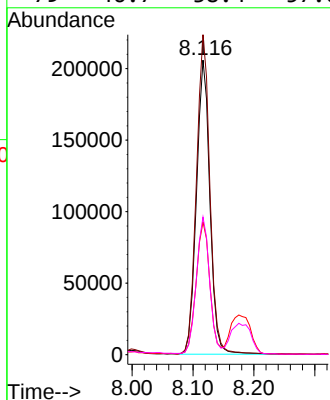


#17
2-Methylphenol
Concen: 40.750 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

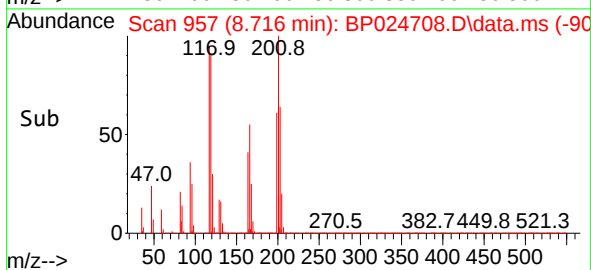
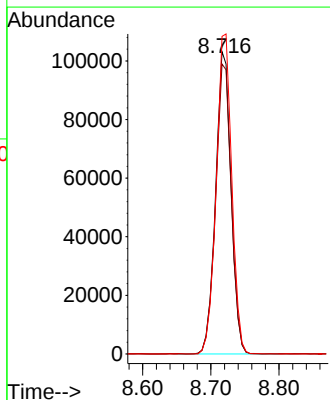
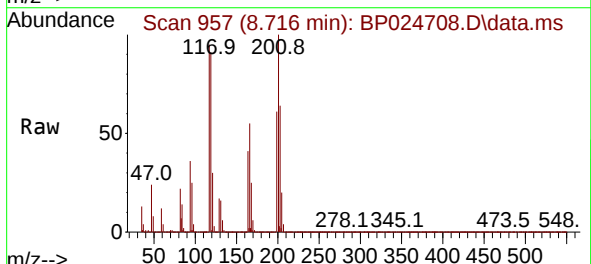


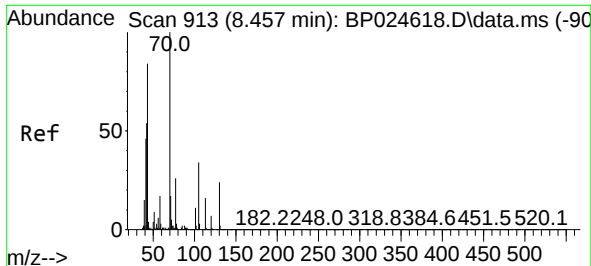
Tgt Ion:	107	Resp:	314693
Ion	Ratio	Lower	Upper
107	100		
108	108.6	88.9	133.3
77	45.0	39.0	58.6
79	46.7	38.4	57.6



#18
Hexachloroethane
Concen: 39.533 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:	117	Resp:	162657
Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.4	119.0
201	105.1	82.7	124.1



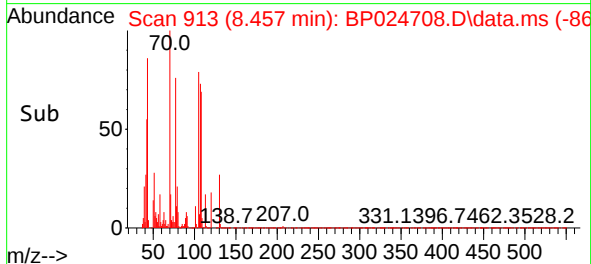
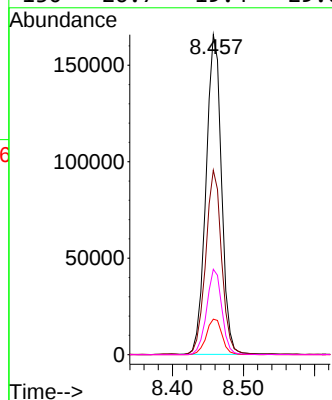
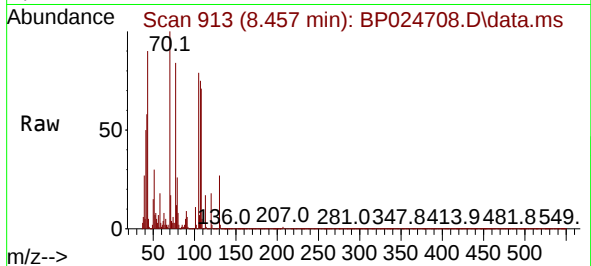


#19
n-Nitroso-di-n-propylamine
Concen: 34.851 ng
RT: 8.457 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion: 70 Resp: 251492

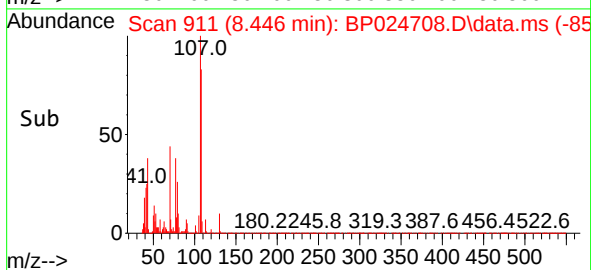
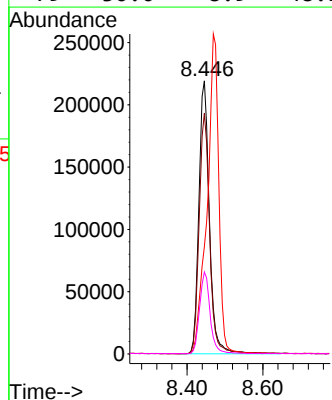
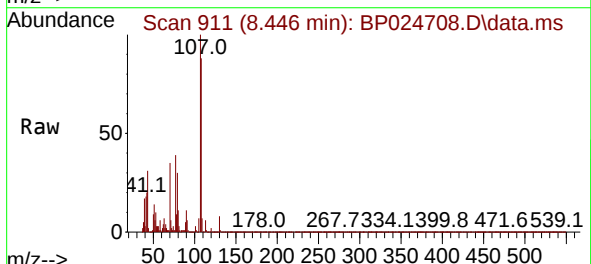
Ion	Ratio	Lower	Upper
70	100		
42	57.6	43.0	64.6
101	11.1	8.7	13.1
130	26.7	19.4	29.0

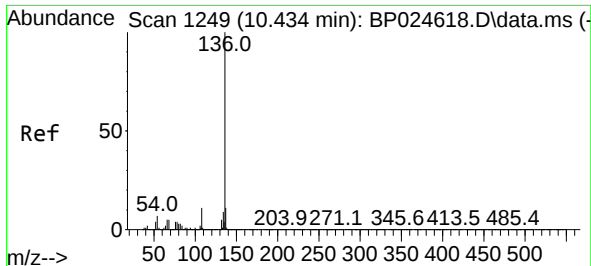


#20
3+4-Methylphenols
Concen: 40.492 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 107 Resp: 425353

Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.7	106.7
77	39.3	13.1	53.1
79	30.0	8.9	48.9

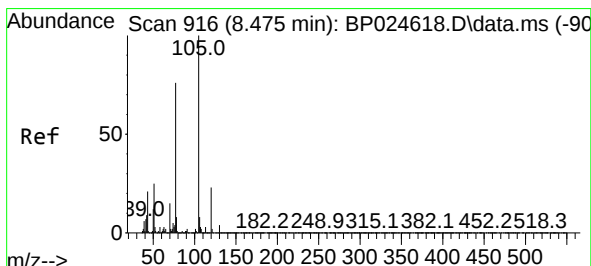
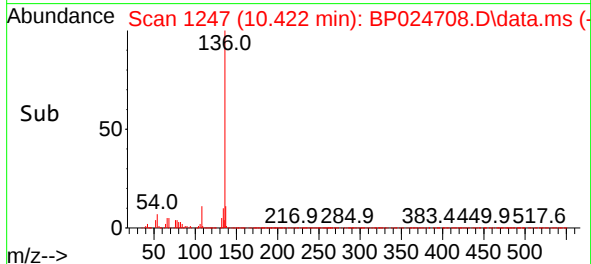
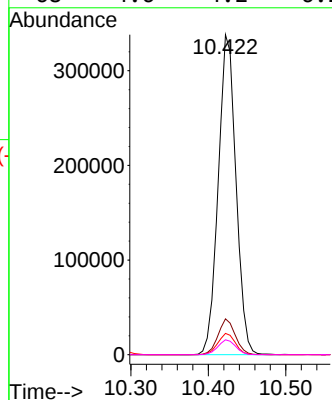
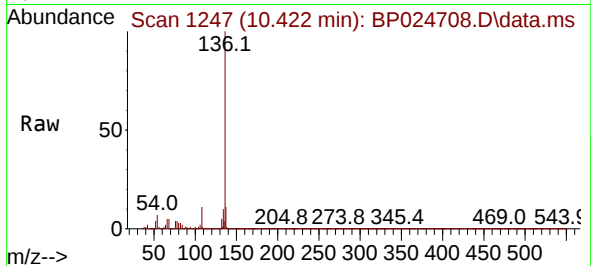




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

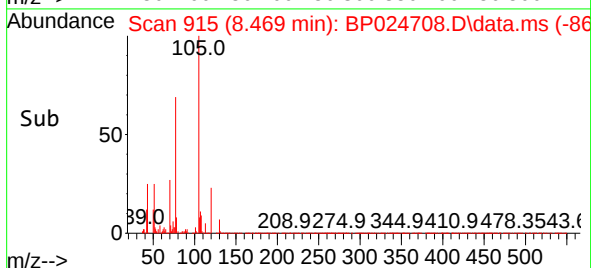
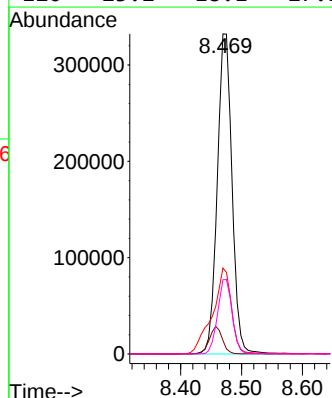
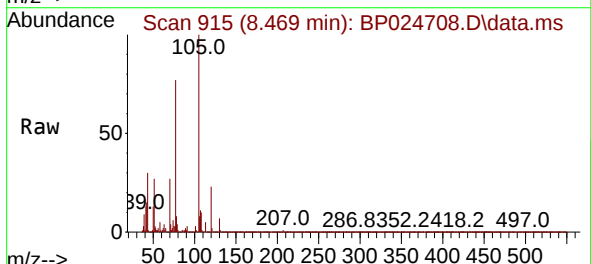
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

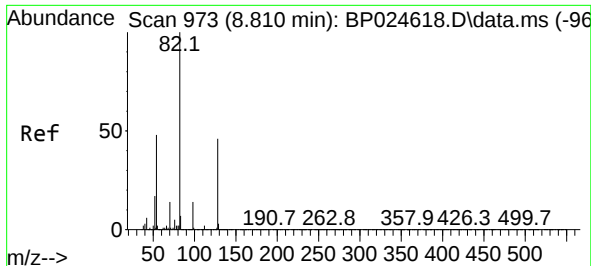
Tgt Ion:	136	Resp:	538123
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.6	5.5	8.3
68	4.6	4.2	6.2



#22
Acetophenone
Concen: 41.596 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:	105	Resp:	559135
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.0	3.0
51	26.9	20.4	30.6
120	23.2	18.1	27.1

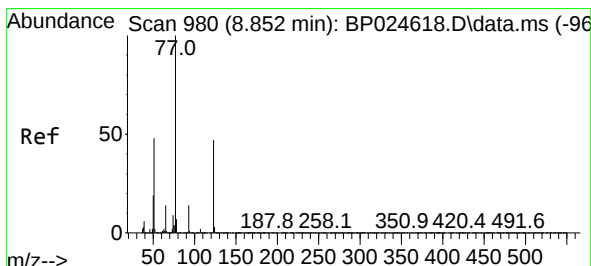
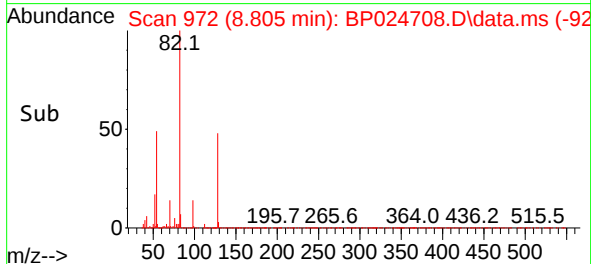
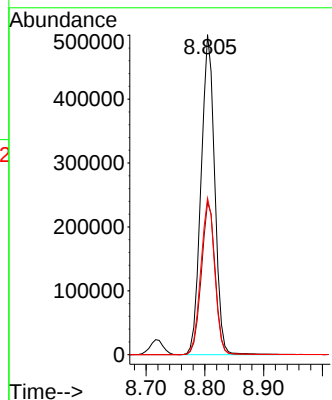
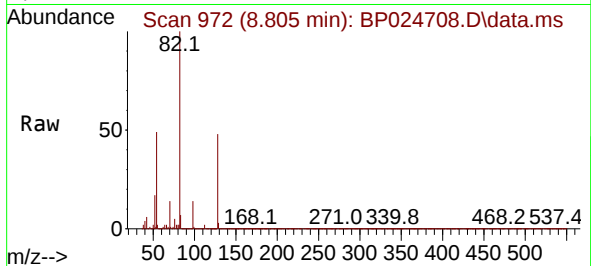




#23
Nitrobenzene-d5
Concen: 75.818 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

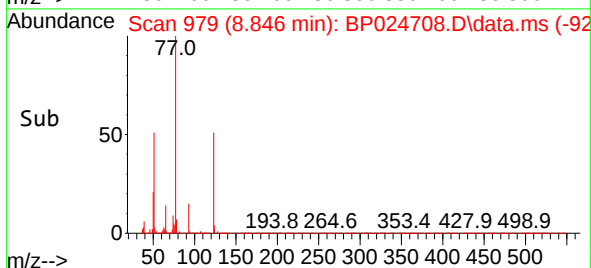
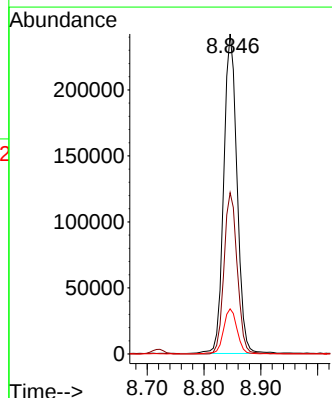
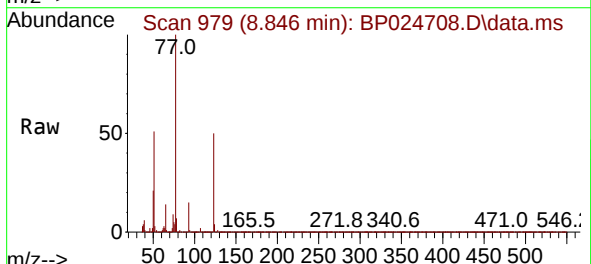
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

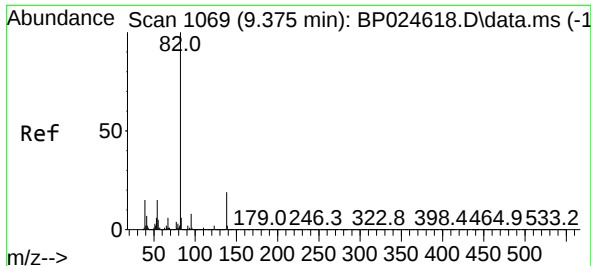
Tgt Ion: 82 Resp: 807485
Ion Ratio Lower Upper
82 100
128 47.6 37.0 55.4
54 49.0 38.7 58.1



#24
Nitrobenzene
Concen: 42.239 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 77 Resp: 395885
Ion Ratio Lower Upper
77 100
123 50.4 37.4 56.0
65 14.1 11.3 16.9

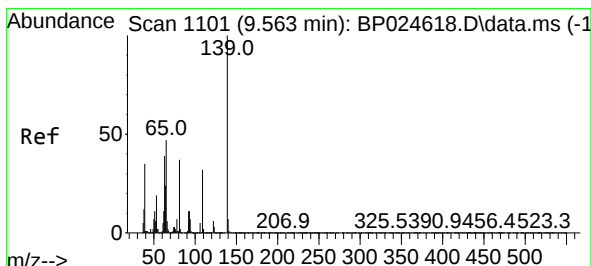
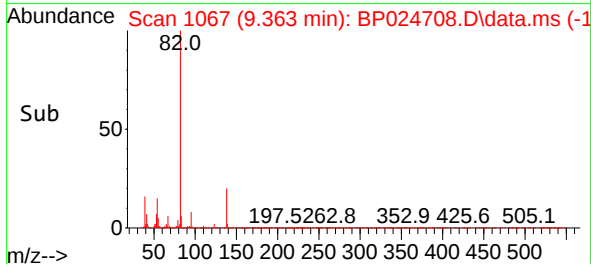
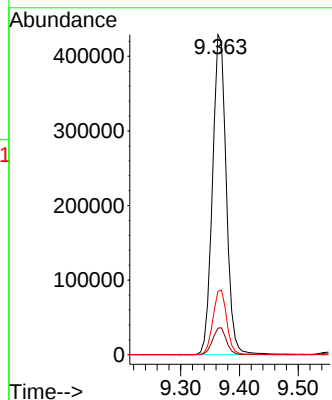
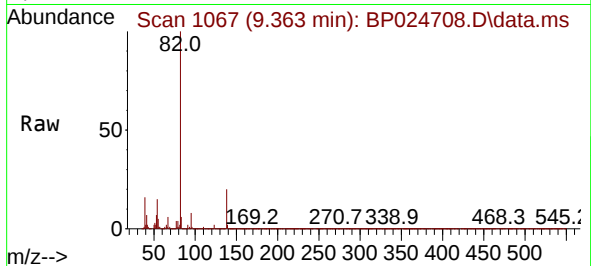




#25
Isophorone
Concen: 37.737 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

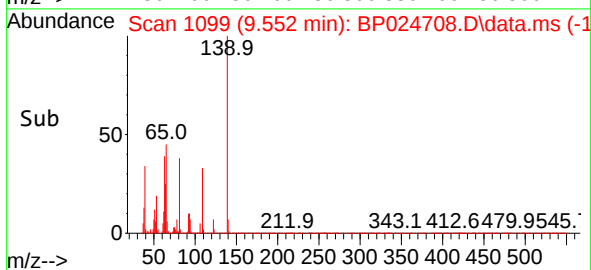
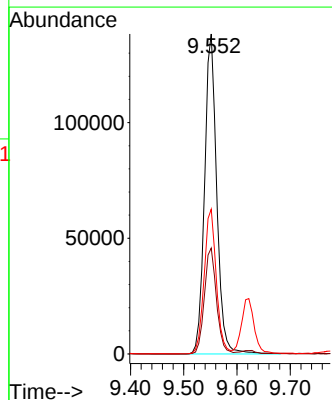
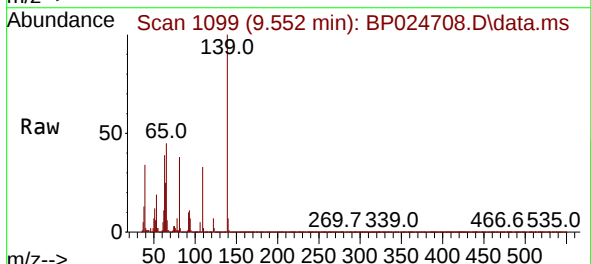
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

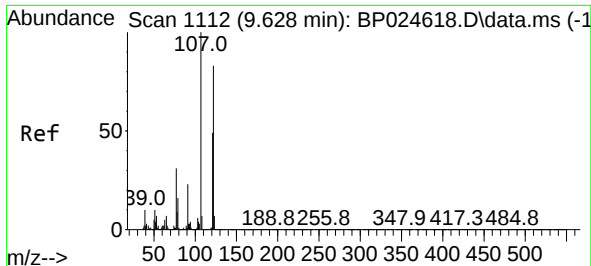
Tgt Ion: 82 Resp: 697164
Ion Ratio Lower Upper
82 100
95 8.3 6.3 9.5
138 19.8 15.3 22.9



#26
2-Nitrophenol
Concen: 47.744 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 139 Resp: 219271
Ion Ratio Lower Upper
139 100
109 33.1 25.9 38.9
65 45.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.988 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

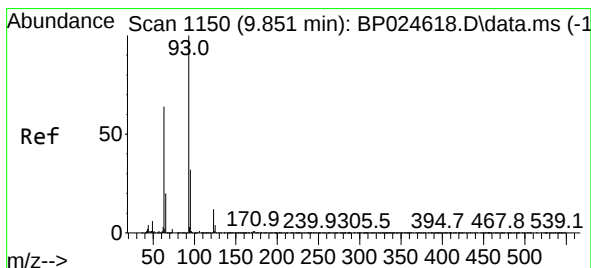
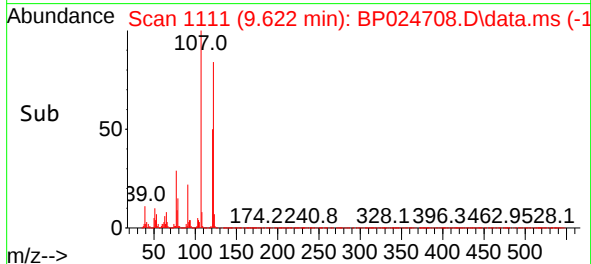
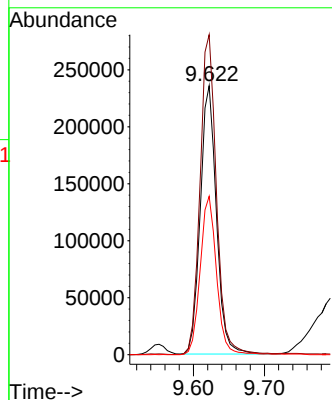
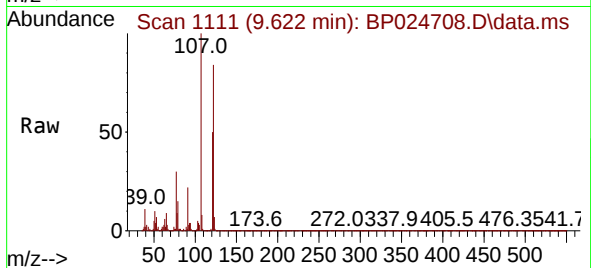
Tgt Ion:122 Resp: 372381

Ion Ratio Lower Upper

122 100

107 118.9 96.2 144.2

121 58.9 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.691 ng

RT: 9.846 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

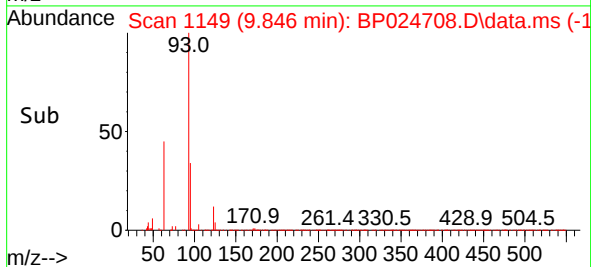
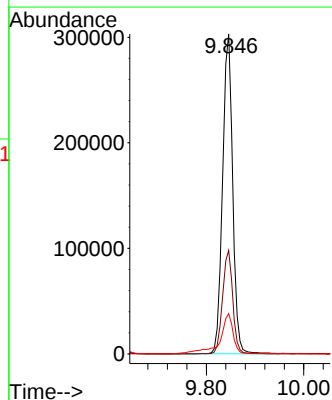
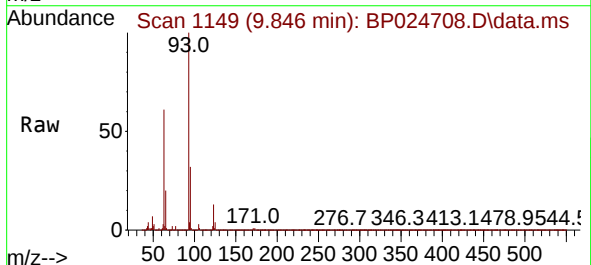
Tgt Ion: 93 Resp: 438080

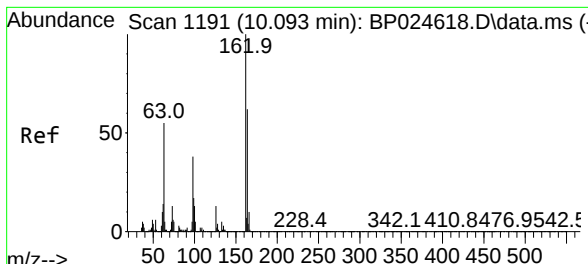
Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

123 12.6 9.7 14.5

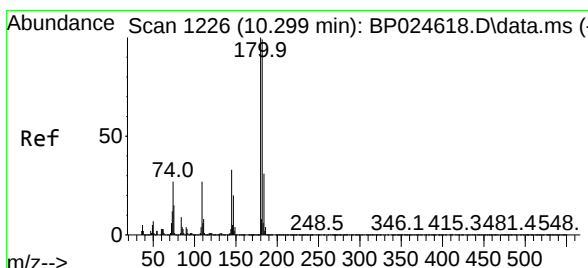
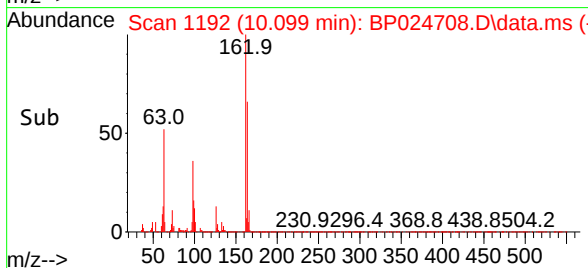
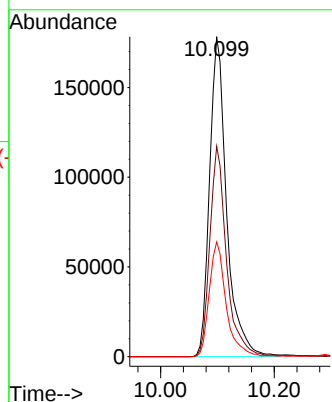
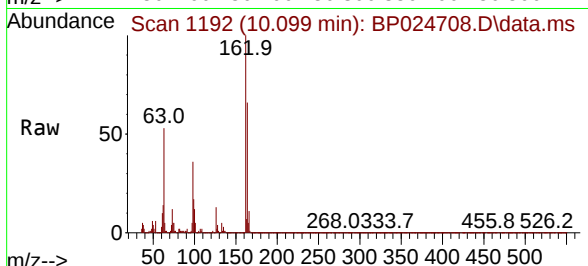




#29
2,4-Dichlorophenol
Concen: 47.224 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

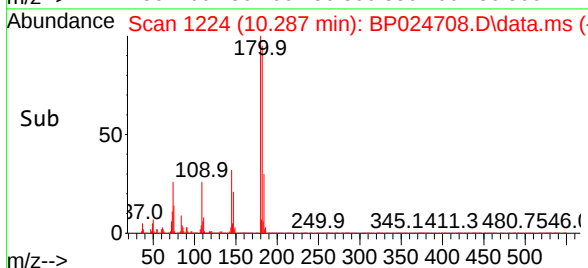
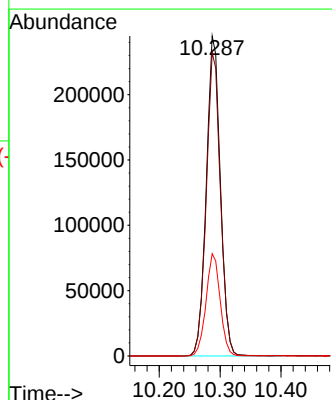
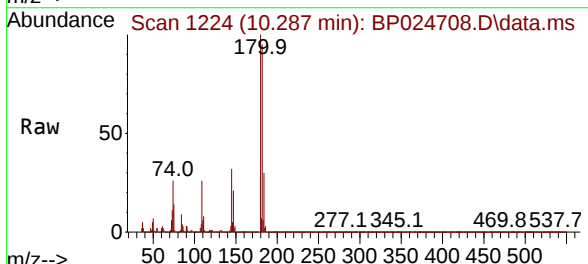
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

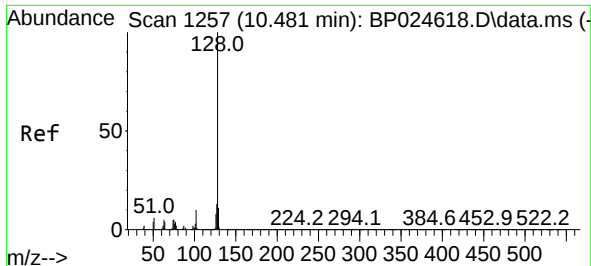
Tgt Ion:162 Resp: 370553
Ion Ratio Lower Upper
162 100
164 65.8 42.3 82.3
98 35.8 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 44.400 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:180 Resp: 392603
Ion Ratio Lower Upper
180 100
182 94.8 79.0 118.4
145 31.9 26.6 39.8

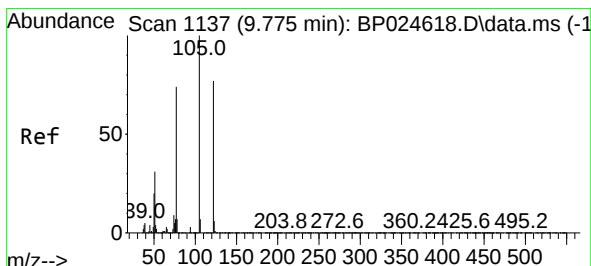
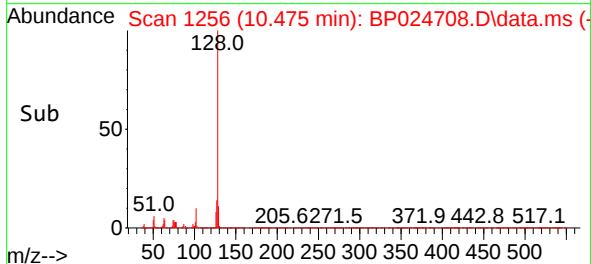
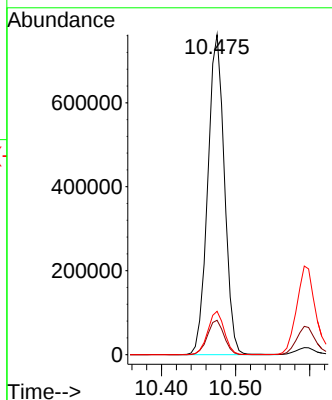
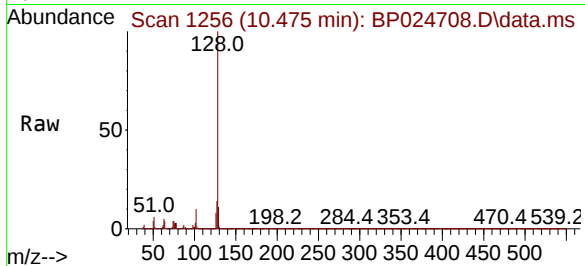




#31
Naphthalene
Concen: 42.522 ng
RT: 10.475 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

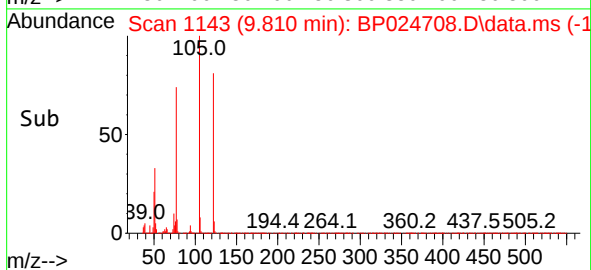
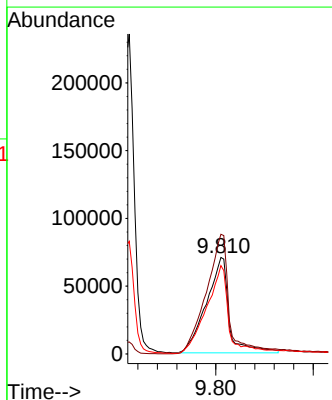
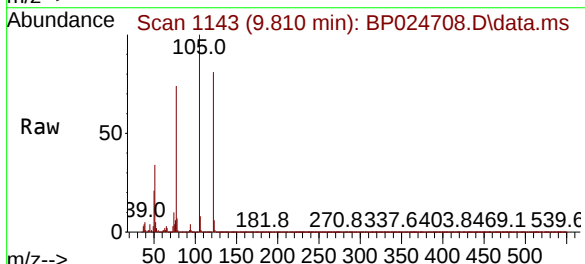
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

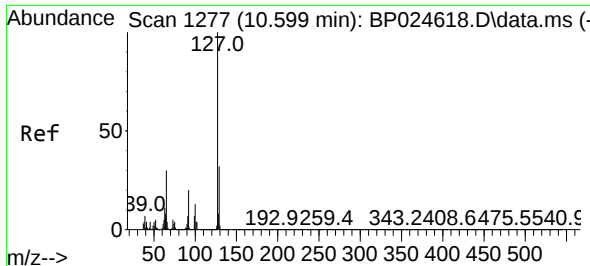
Tgt Ion:128 Resp: 1185760
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 41.680 ng
RT: 9.810 min Scan# 1143
Delta R.T. 0.035 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:122 Resp: 228390
Ion Ratio Lower Upper
122 100
105 124.0 106.9 146.9
77 91.6 75.1 115.1

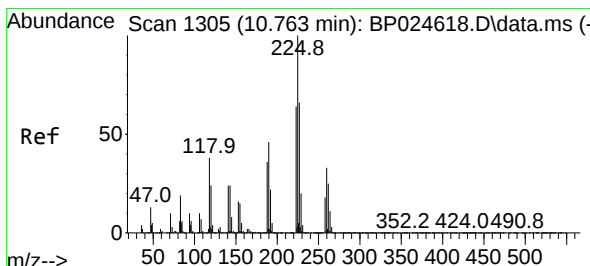
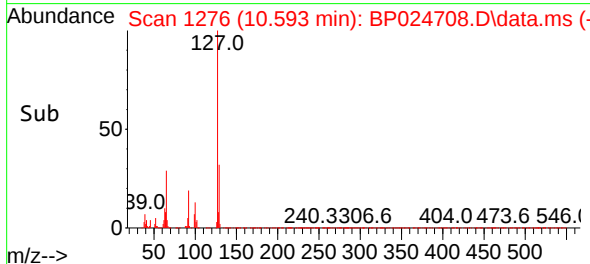
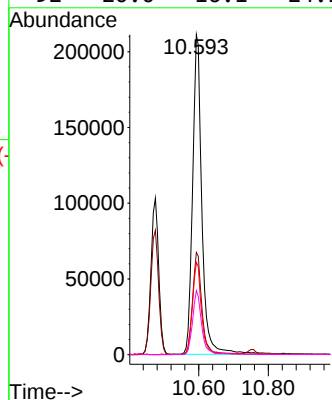
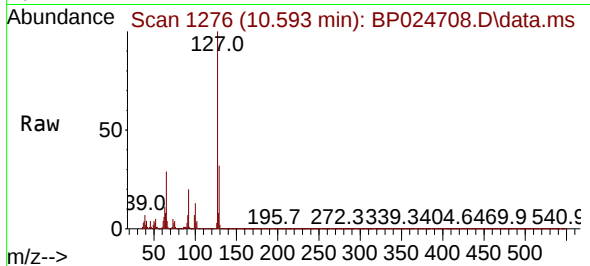




#33
4-Chloroaniline
Concen: 34.925 ng
RT: 10.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

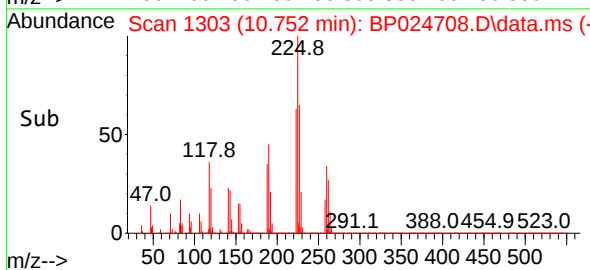
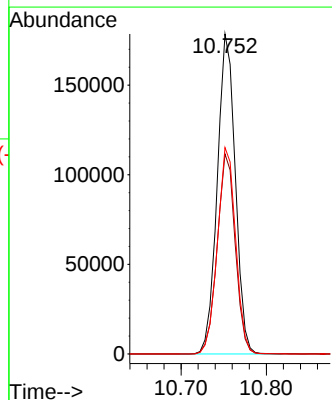
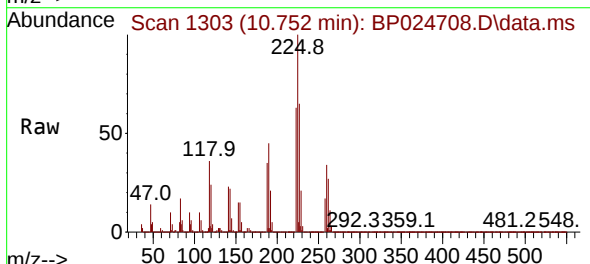
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

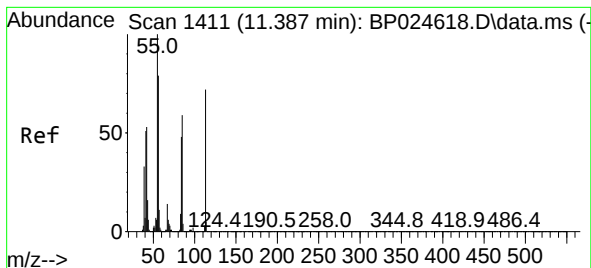
Tgt Ion:	127	Resp:	393001
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	28.8	23.9	35.9
92	20.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.836 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:	225	Resp:	262558
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.5	53.1	79.7





#35

Caprolactam

Concen: 43.305 ng

RT: 11.399 min Scan# 1411

Delta R.T. 0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

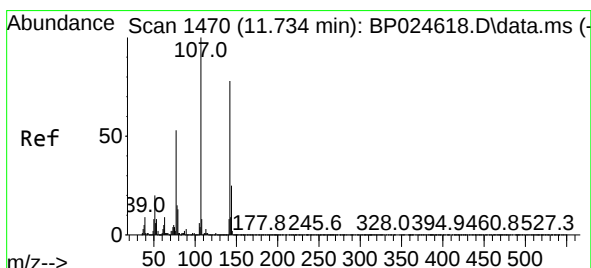
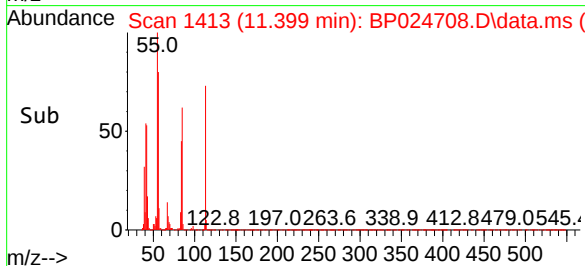
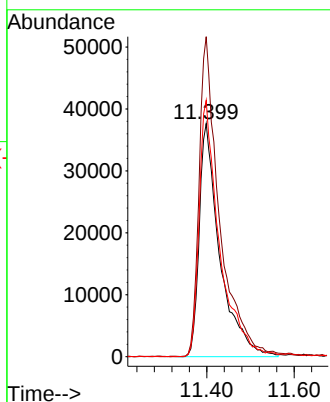
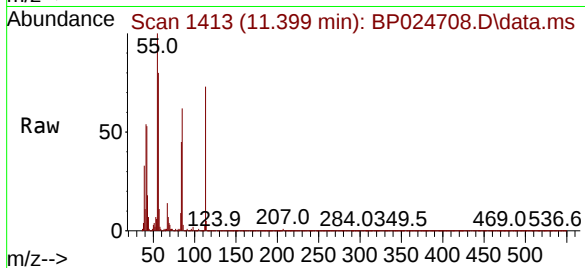
Tgt Ion:113 Resp: 122940

Ion Ratio Lower Upper

113 100

55 137.2 119.0 159.0

56 109.9 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 42.794 ng

RT: 11.740 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

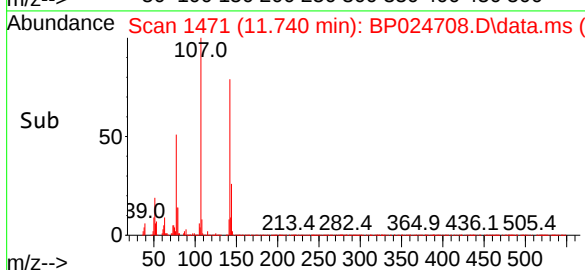
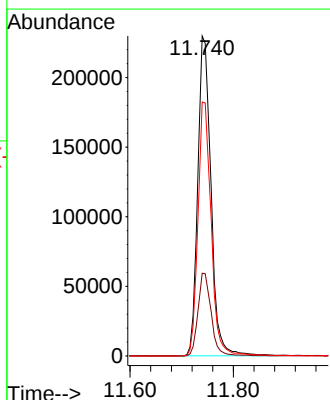
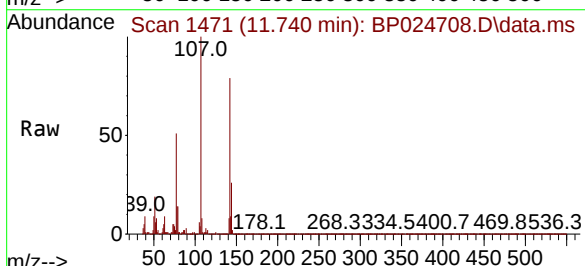
Tgt Ion:107 Resp: 409493

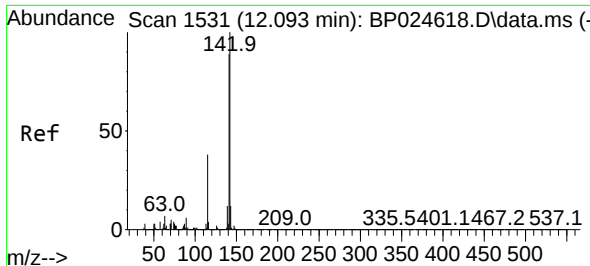
Ion Ratio Lower Upper

107 100

144 25.9 20.1 30.1

142 79.3 62.1 93.1

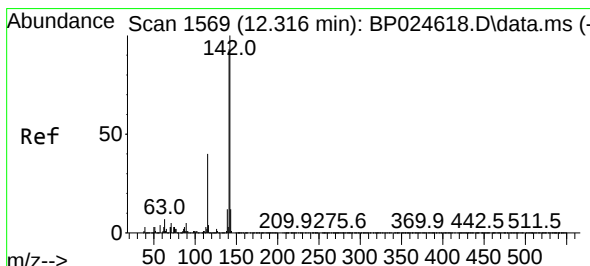
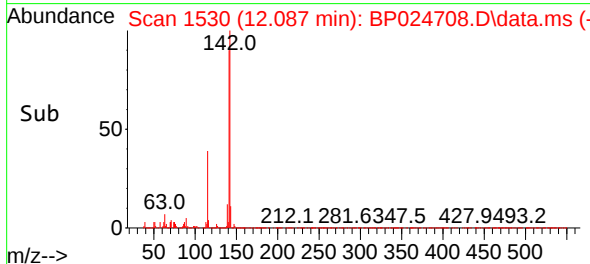
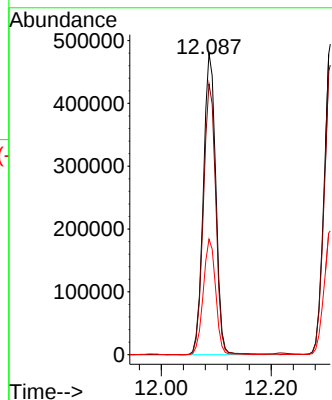
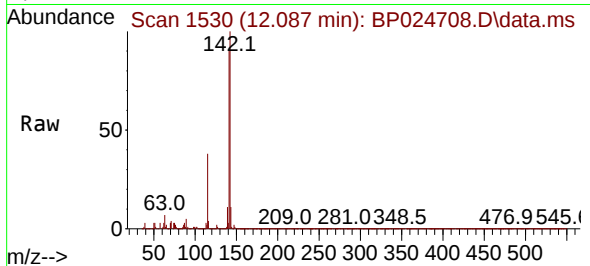




#37
2-Methylnaphthalene
Concen: 41.862 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

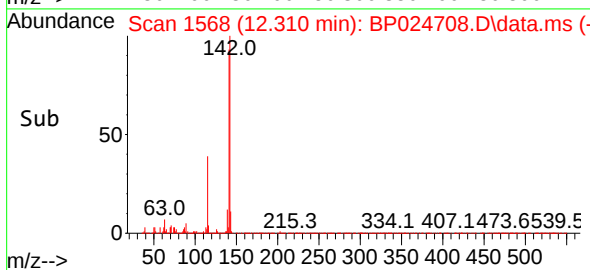
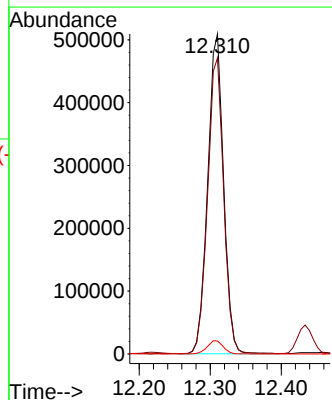
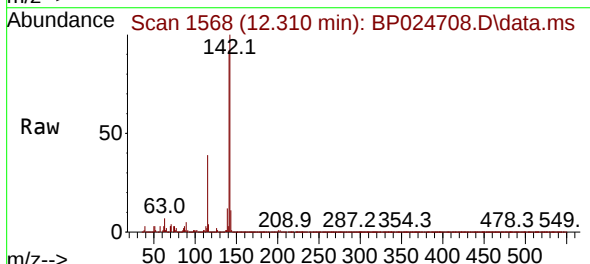
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

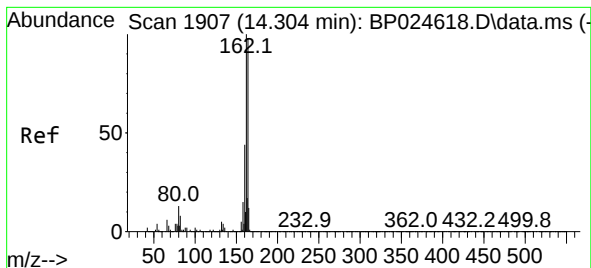
Tgt Ion:142 Resp: 755884
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 38.3 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.005 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:142 Resp: 792211
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

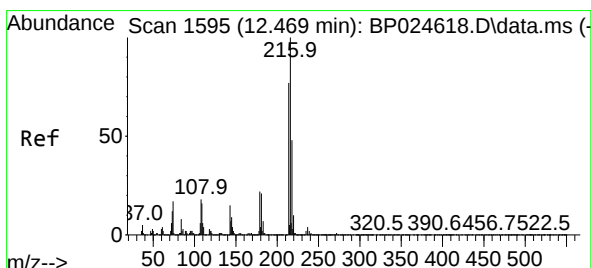
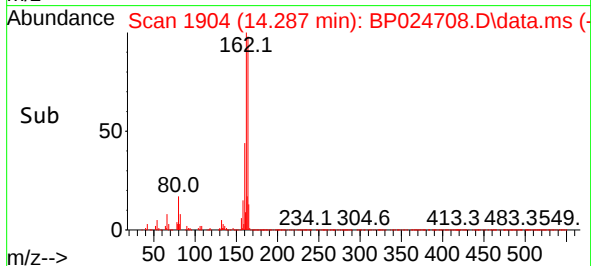
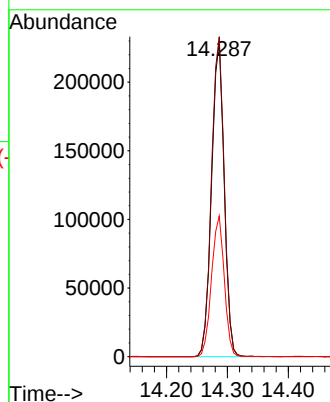
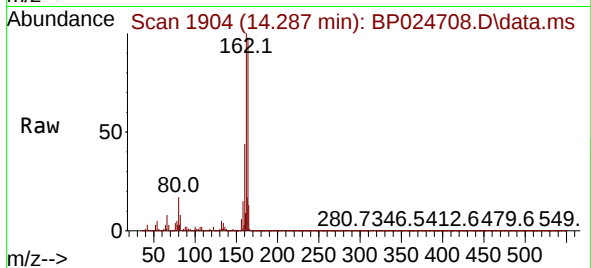
Tgt Ion:164 Resp: 329718

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

160 44.7 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.016 ng

RT: 12.457 min Scan# 1593

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Tgt Ion:216 Resp: 450159

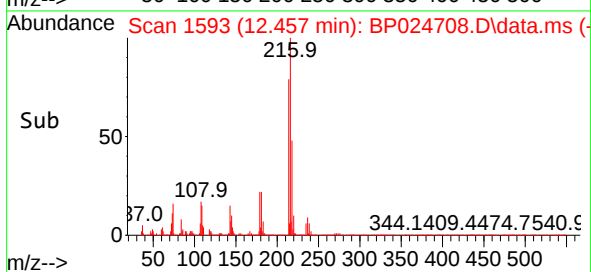
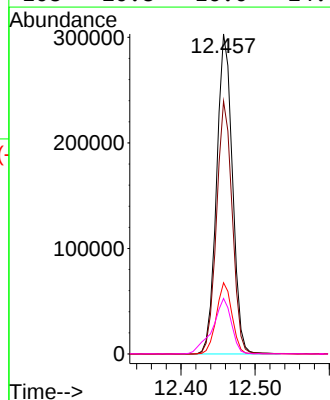
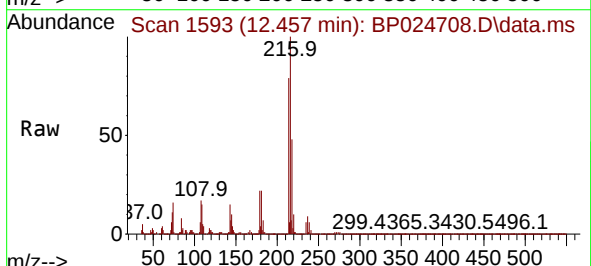
Ion Ratio Lower Upper

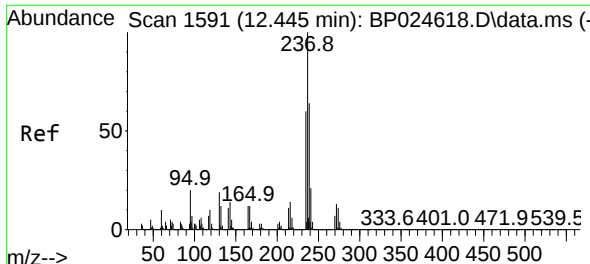
216 100

214 78.4 62.3 93.5

179 22.0 17.7 26.5

108 20.8 16.0 24.0

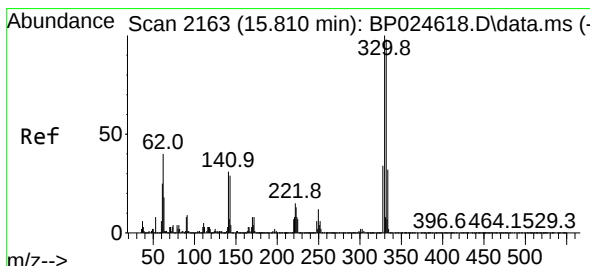
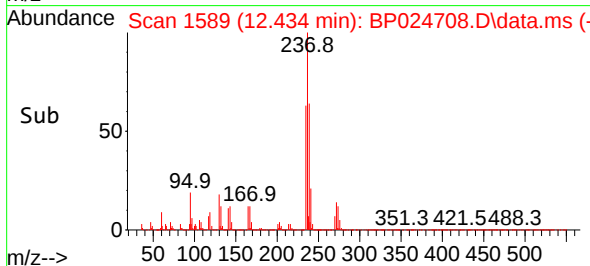
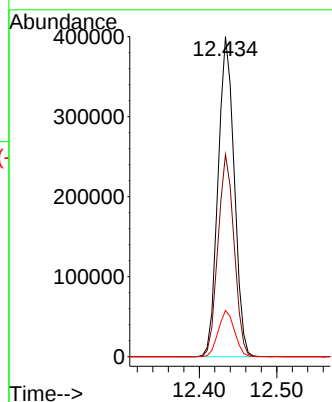
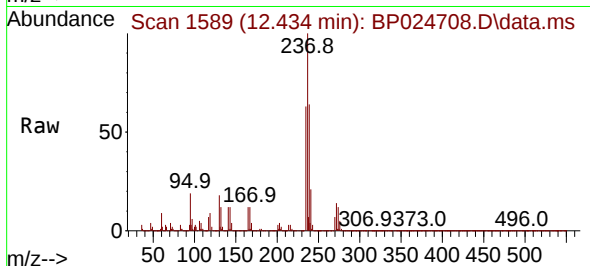




#41
Hexachlorocyclopentadiene
Concen: 99.710 ng
RT: 12.434 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

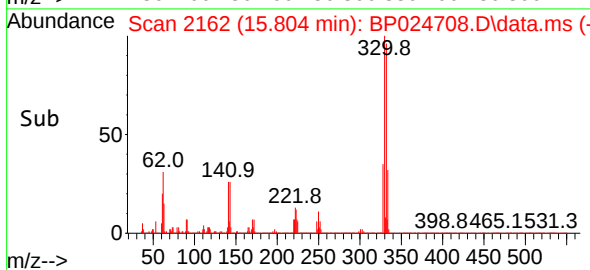
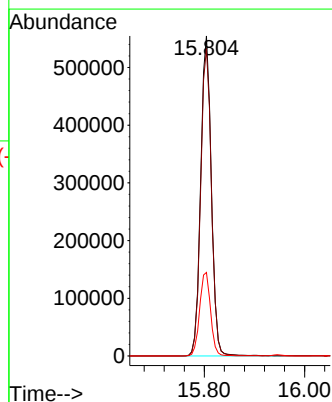
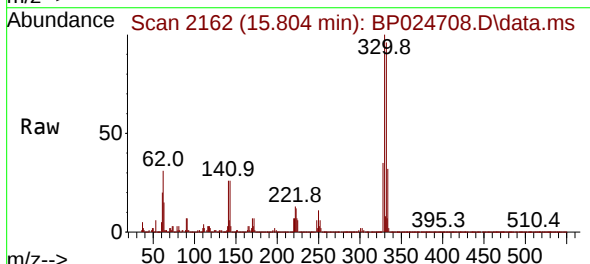
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

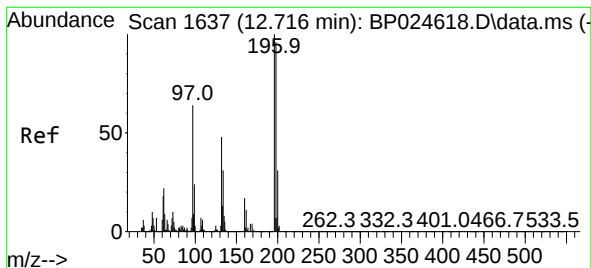
Tgt Ion:237 Resp: 578889
Ion Ratio Lower Upper
237 100
235 63.2 39.9 79.9
272 14.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 146.094 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:330 Resp: 816620
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 26.8 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 49.774 ng

RT: 12.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

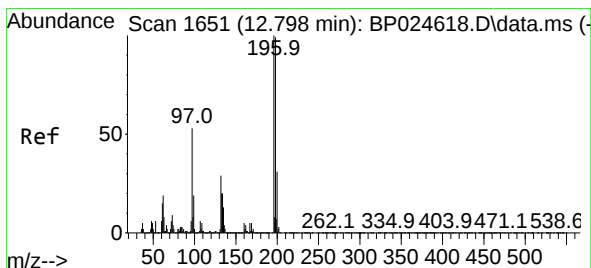
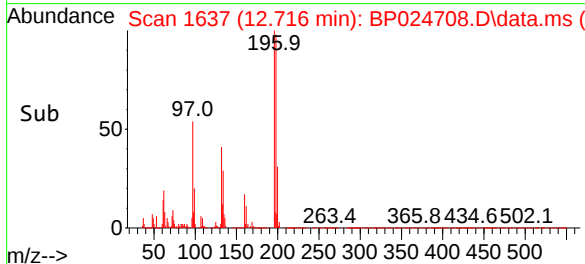
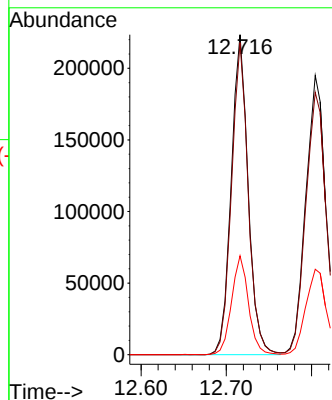
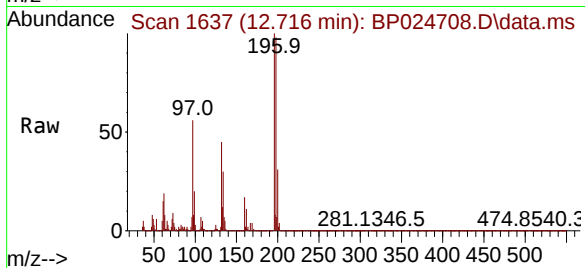
Tgt Ion:196 Resp: 308678

Ion Ratio Lower Upper

196 100

198 97.6 76.9 115.3

200 30.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 48.366 ng

RT: 12.804 min Scan# 1652

Delta R.T. 0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Tgt Ion:196 Resp: 333877

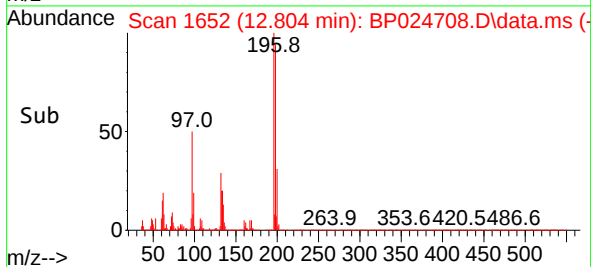
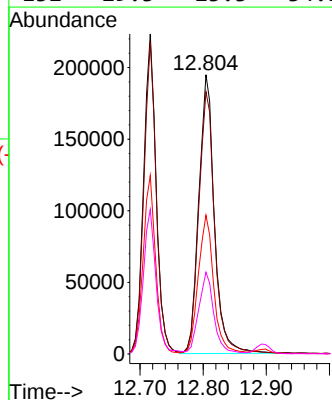
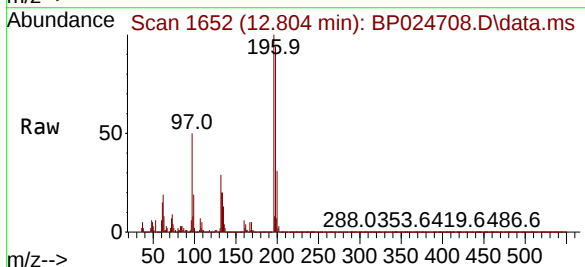
Ion Ratio Lower Upper

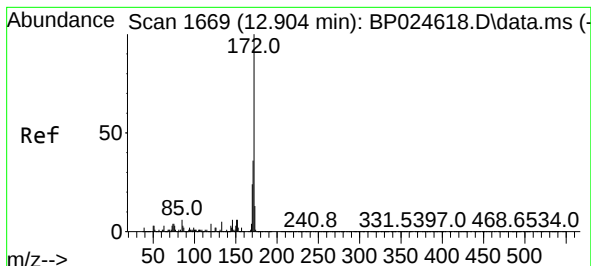
196 100

198 93.9 79.2 118.8

97 49.7 42.3 63.5

132 29.3 23.3 34.9

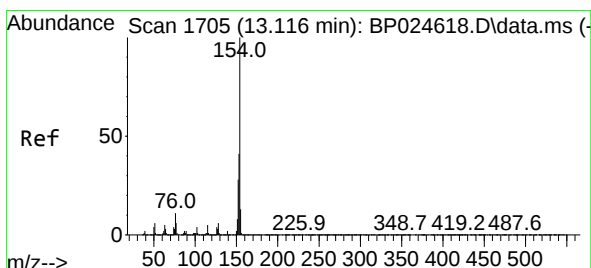
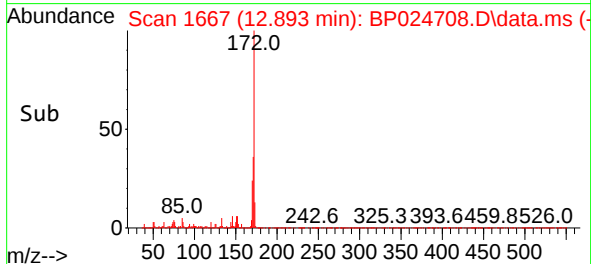
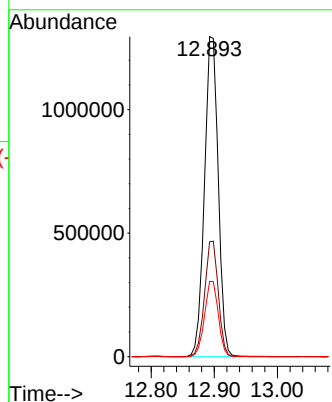
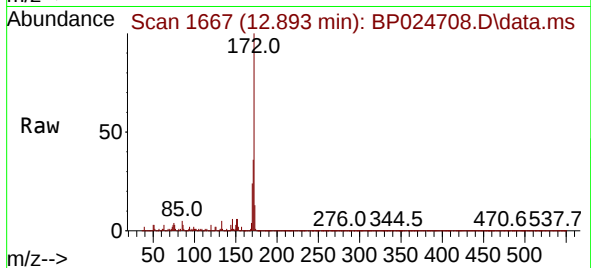




#45
2-Fluorobiphenyl
Concen: 78.074 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

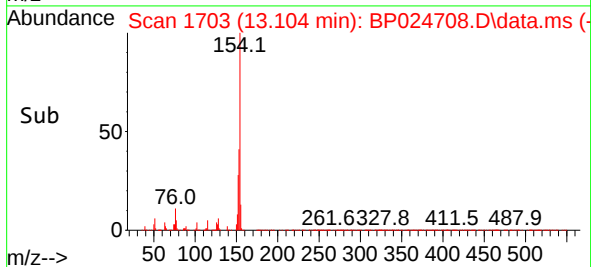
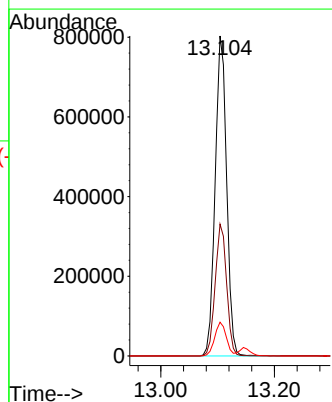
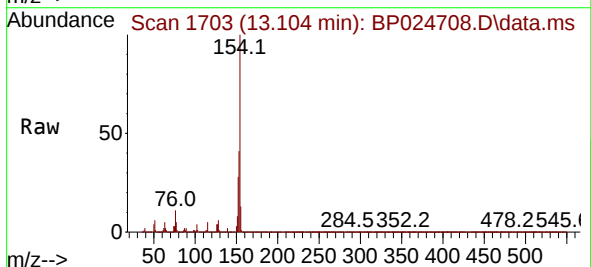
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

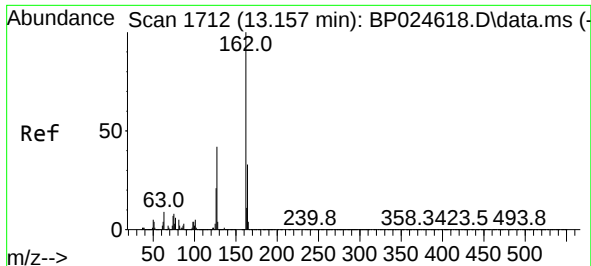
Tgt Ion:172 Resp: 1964889
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.948 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:154 Resp: 1119732
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 10.6 0.0 31.5

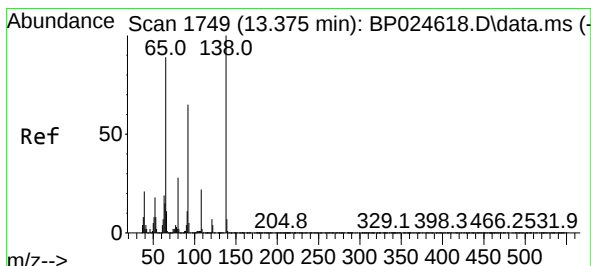
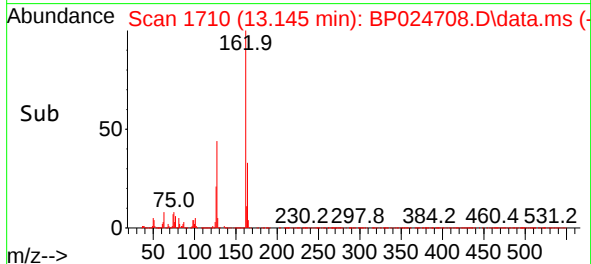
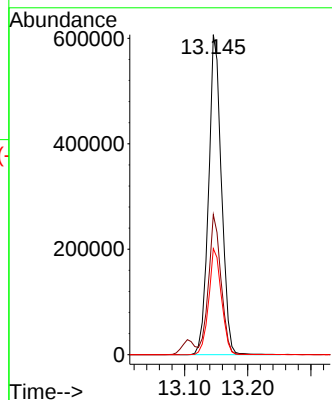
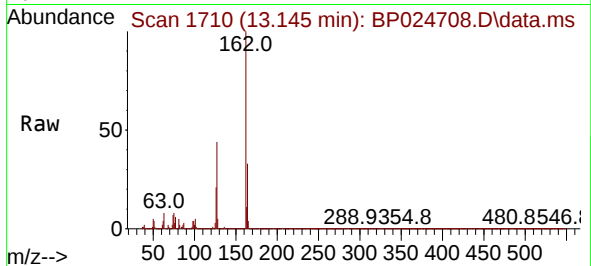




#47
2-Chloronaphthalene
Concen: 46.157 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

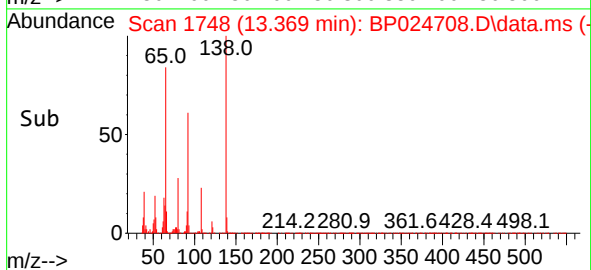
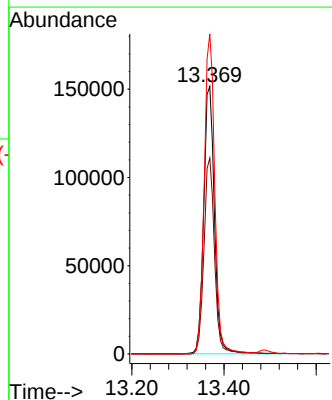
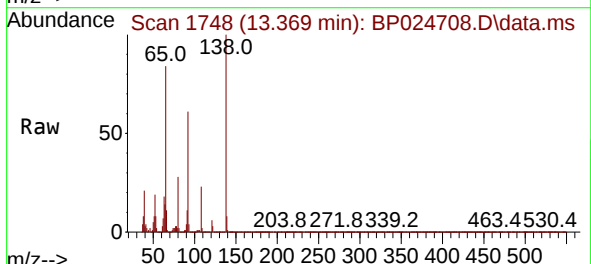
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

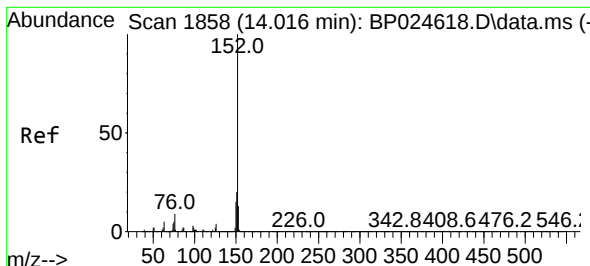
Tgt Ion:162 Resp: 857654
Ion Ratio Lower Upper
162 100
127 43.8 33.8 50.6
164 33.2 26.0 39.0



#48
2-Nitroaniline
Concen: 45.061 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 65 Resp: 247888
Ion Ratio Lower Upper
65 100
92 73.3 58.7 88.1
138 119.6 90.2 135.2





#49

Acenaphthylene

Concen: 43.666 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

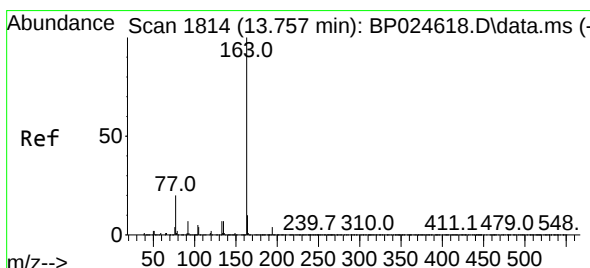
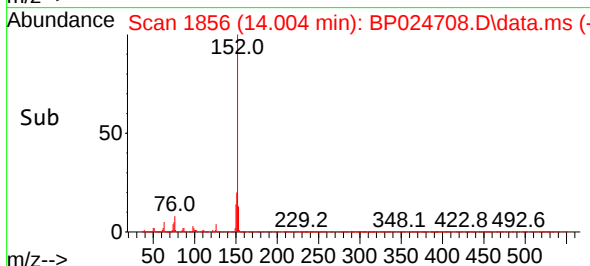
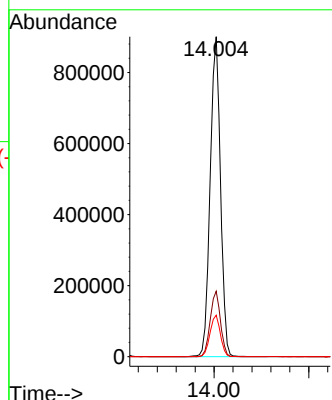
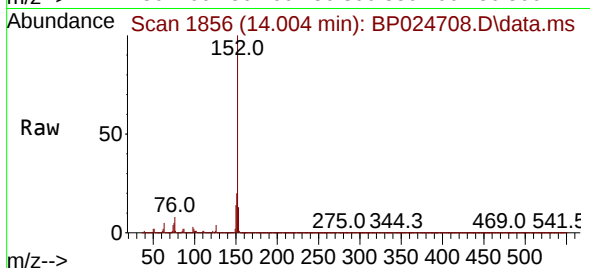
Tgt Ion:152 Resp: 1357825

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 44.835 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

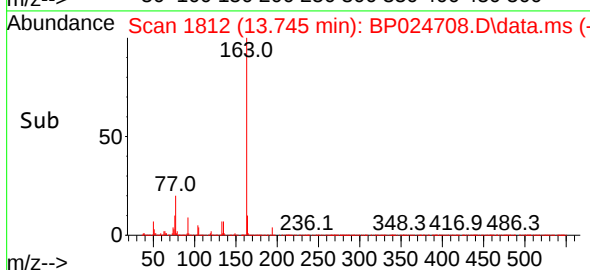
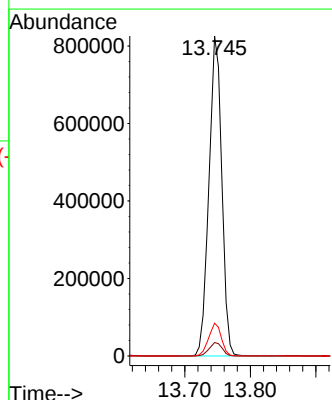
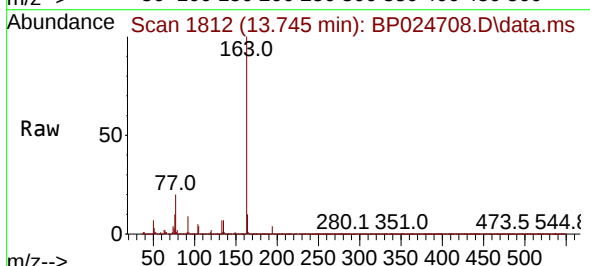
Tgt Ion:163 Resp: 1126770

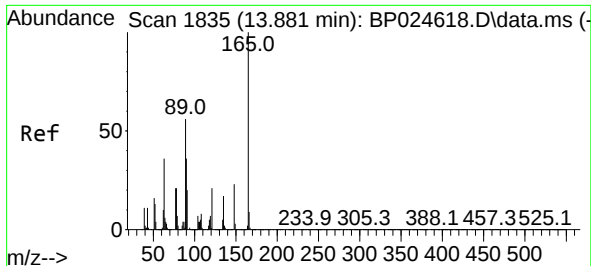
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.1 12.1

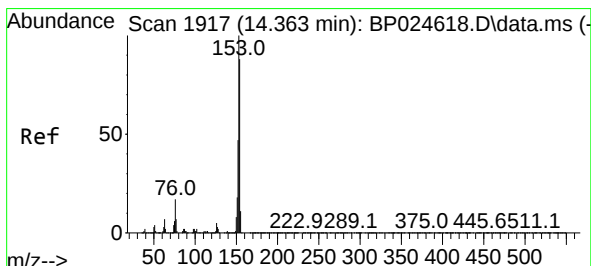
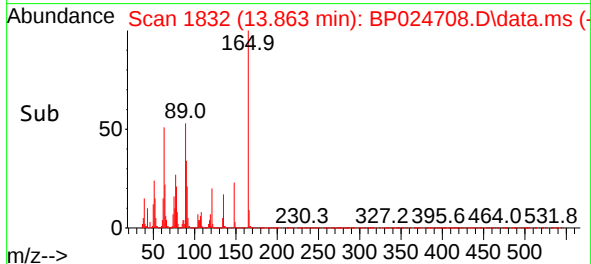
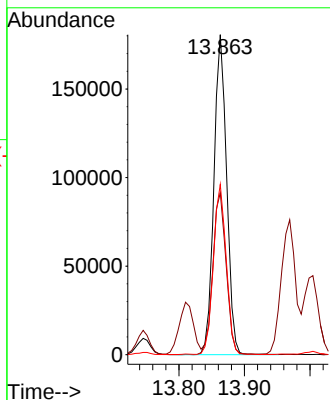
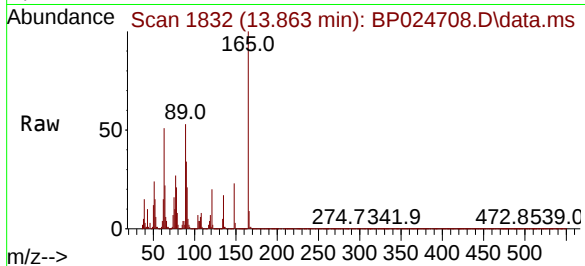




#51
2,6-Dinitrotoluene
Concen: 45.757 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

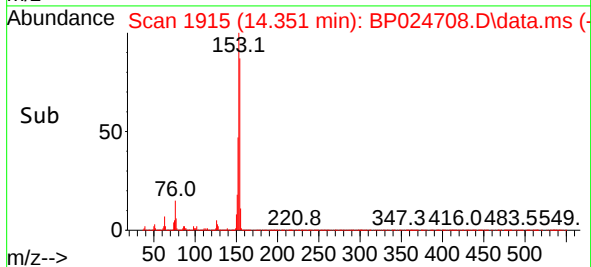
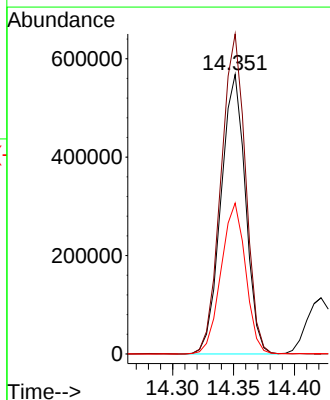
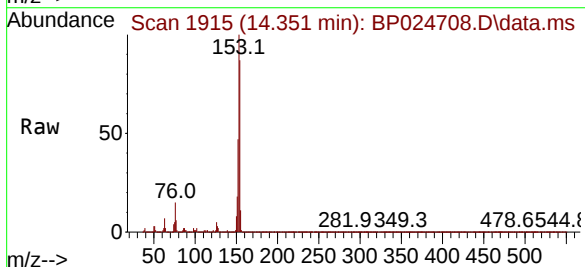
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

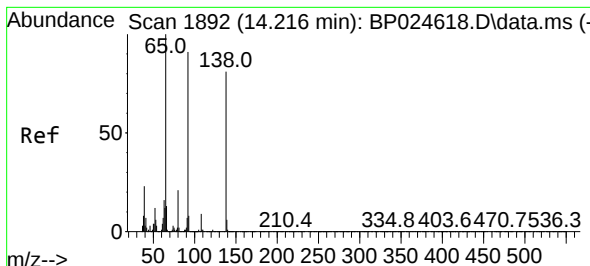
Tgt Ion:165 Resp: 242858
Ion Ratio Lower Upper
165 100
63 50.6 42.4 63.6
89 53.2 44.8 67.2



#52
Acenaphthene
Concen: 44.519 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:154 Resp: 795831
Ion Ratio Lower Upper
154 100
153 114.5 91.0 136.4
152 54.0 42.9 64.3

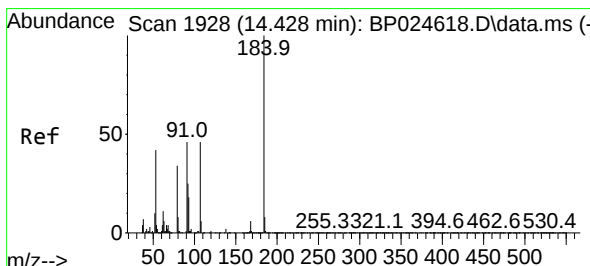
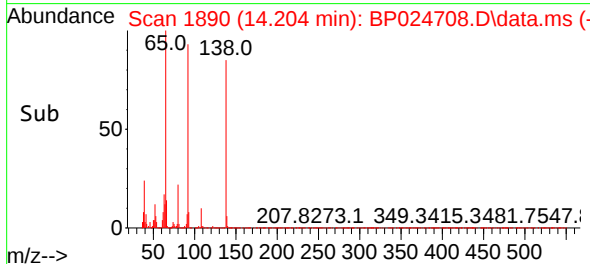
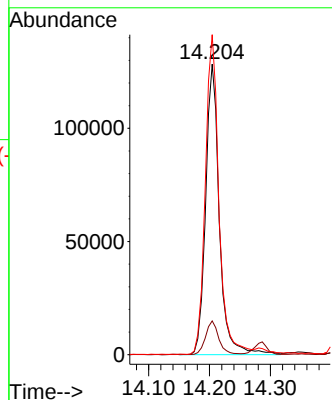
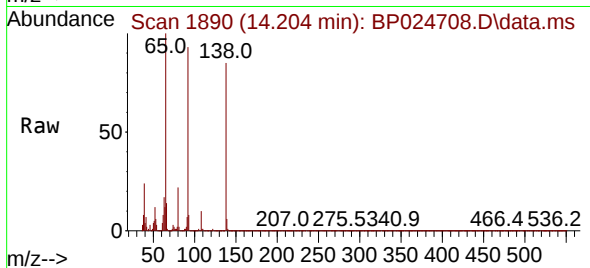




#53
3-Nitroaniline
Concen: 37.085 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

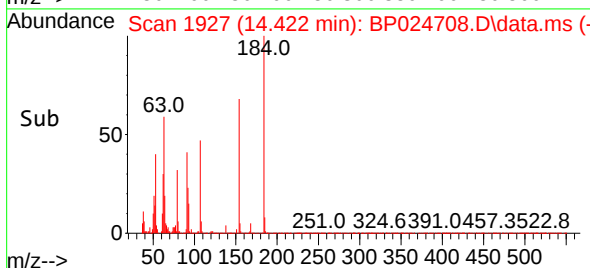
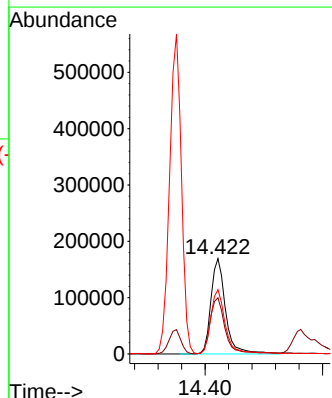
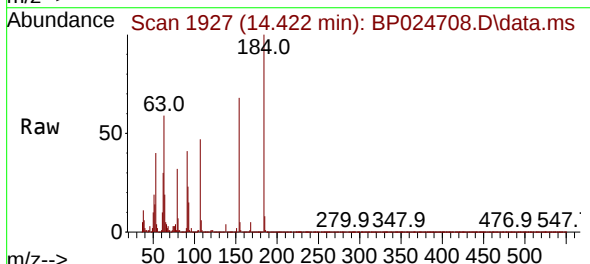
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

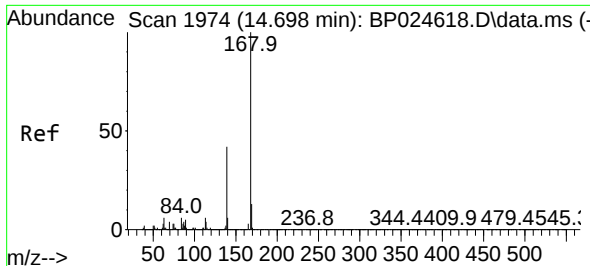
Tgt Ion:138 Resp: 200980
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 110.2 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 86.708 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:184 Resp: 292154
Ion Ratio Lower Upper
184 100
63 59.0 51.3 76.9
154 67.5 53.5 80.3

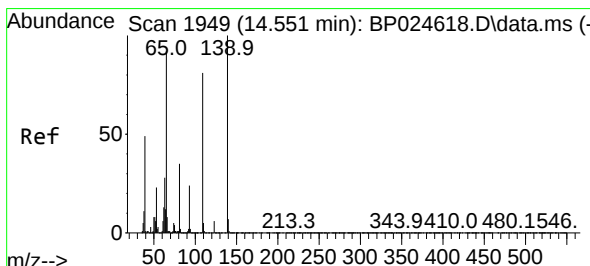
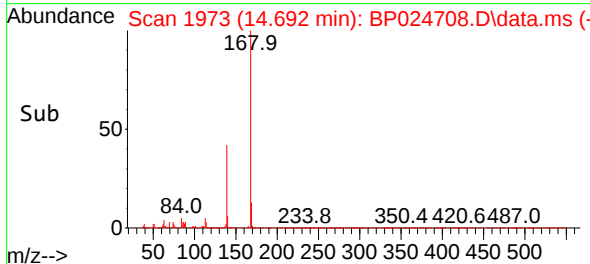
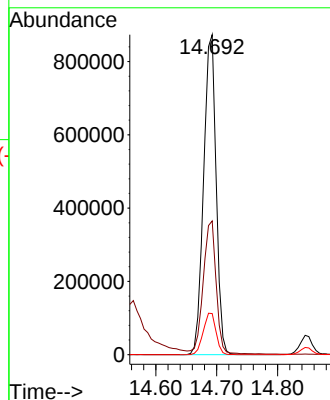
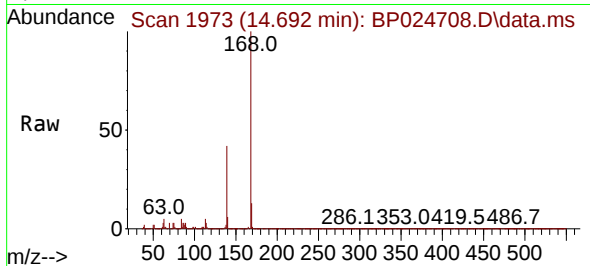




#55
Dibenzofuran
Concen: 43.677 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

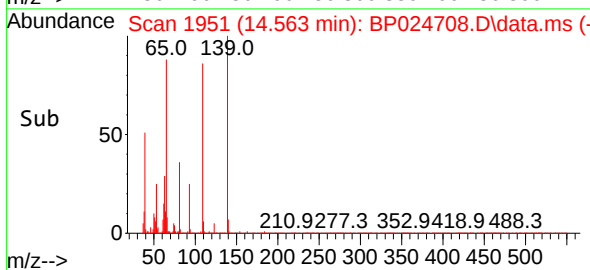
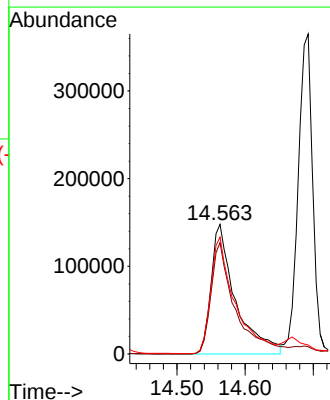
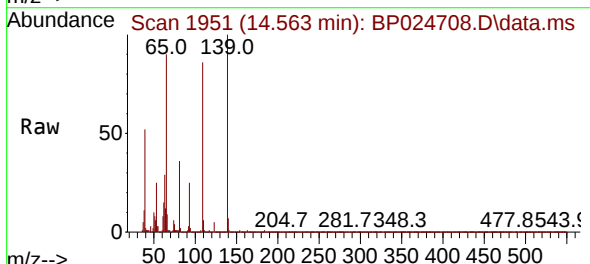
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

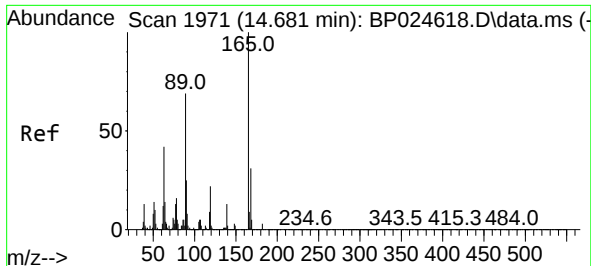
Tgt Ion:168 Resp: 1245387
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 78.370 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:139 Resp: 367273
Ion Ratio Lower Upper
139 100
109 85.9 61.4 101.4
65 90.2 72.2 112.2

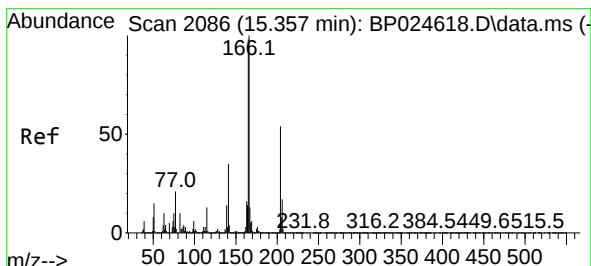
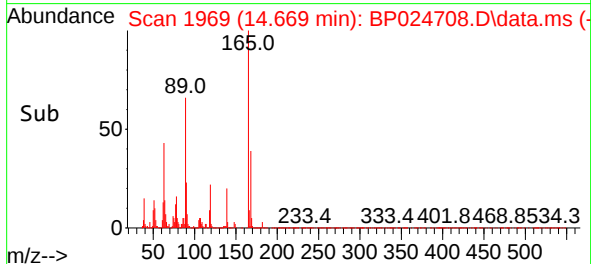
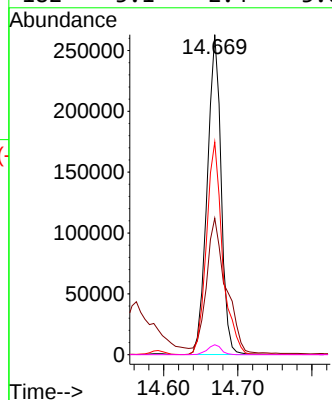
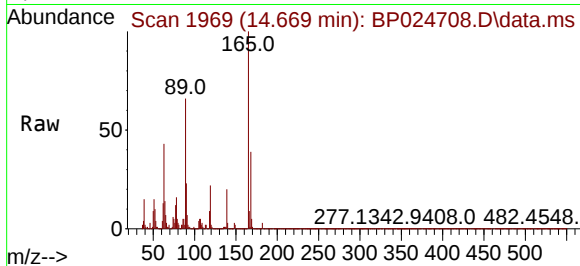




#57
2,4-Dinitrotoluene
Concen: 45.895 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

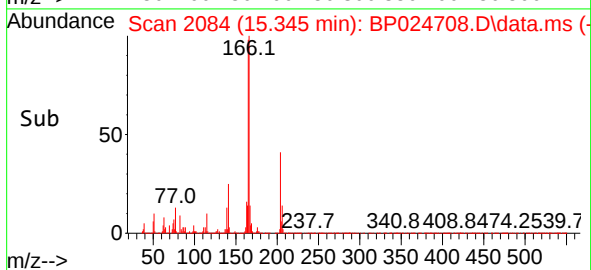
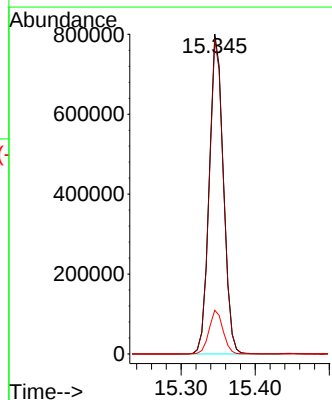
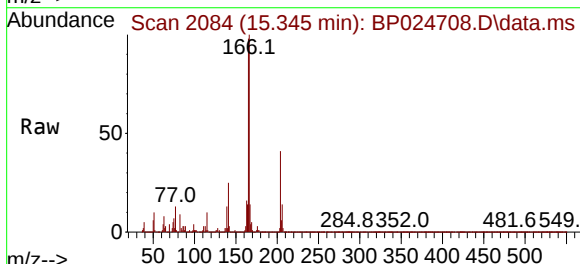
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

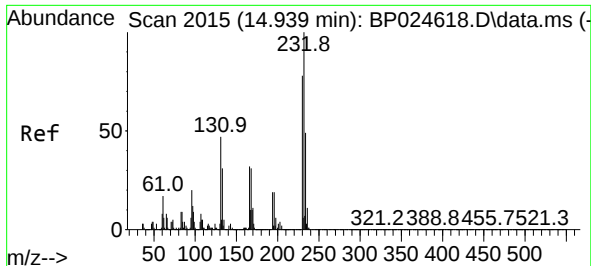
Tgt Ion:165	Resp:	343419
Ion Ratio	Lower	Upper
165	100	
63	42.7	33.8 50.6
89	66.5	55.6 83.4
182	3.1	2.4 3.6



#58
Fluorene
Concen: 45.608 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:166	Resp:	1060372
Ion Ratio	Lower	Upper
166	100	
165	98.4	78.5 117.7
167	13.7	10.7 16.1

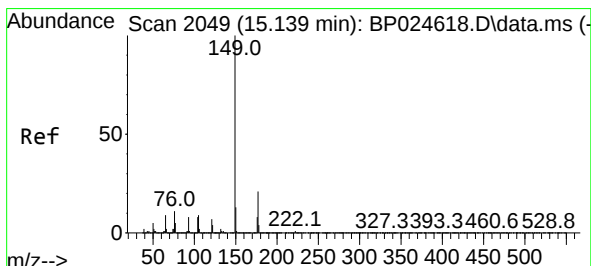
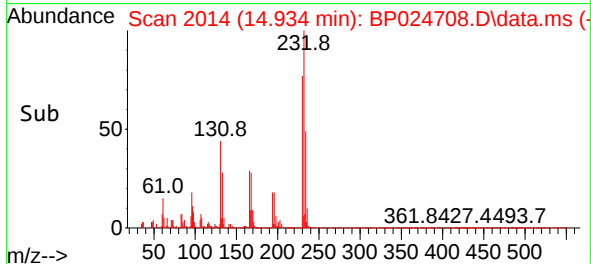
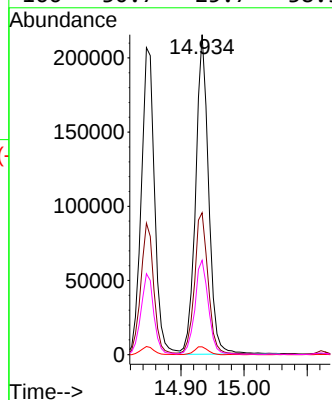
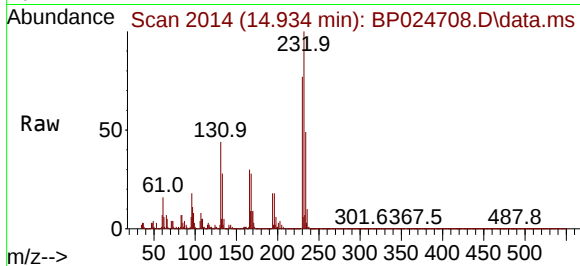




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.983 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

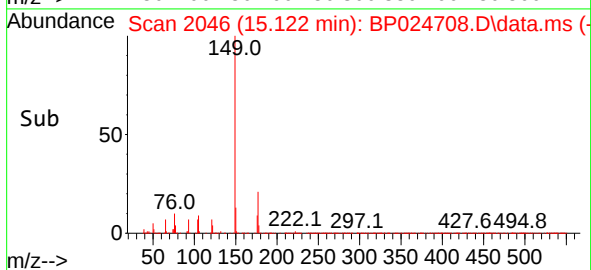
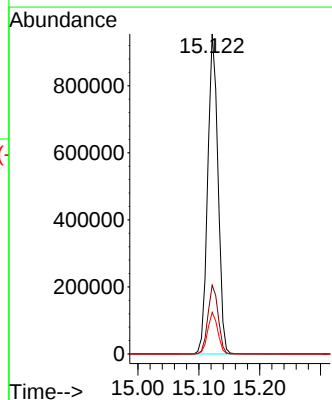
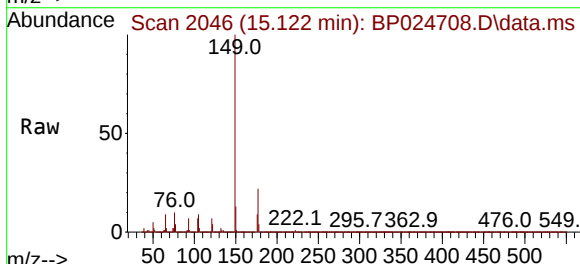
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

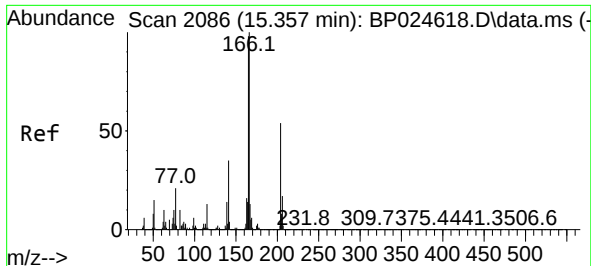
Tgt Ion:232 Resp: 307270
Ion Ratio Lower Upper
232 100
131 47.1 39.5 59.3
130 2.6 2.2 3.4
166 30.7 25.7 38.5



#60
Diethylphthalate
Concen: 44.119 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:149 Resp: 1120632
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 13.0 10.2 15.2

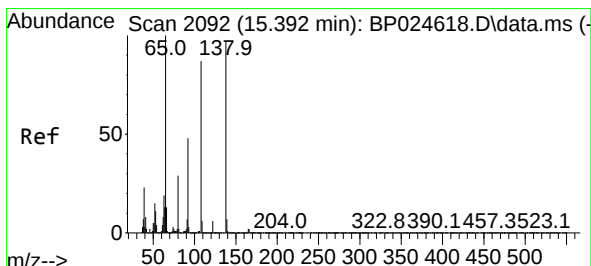
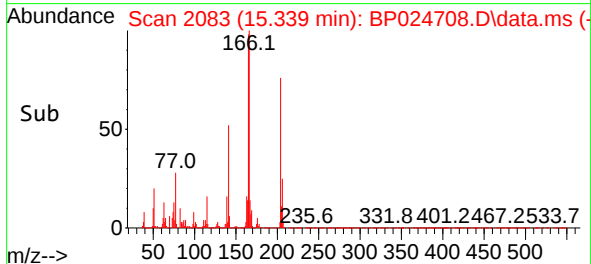
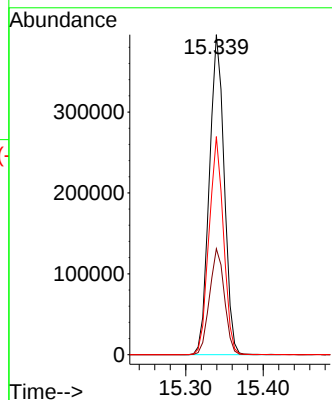
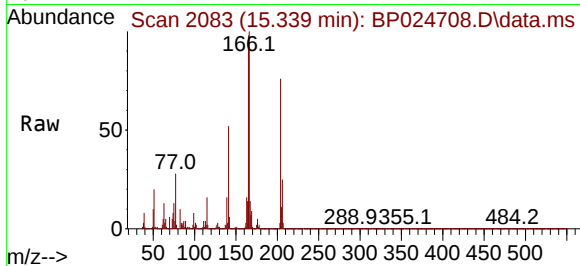




#61
4-Chlorophenyl-phenylether
Concen: 45.439 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

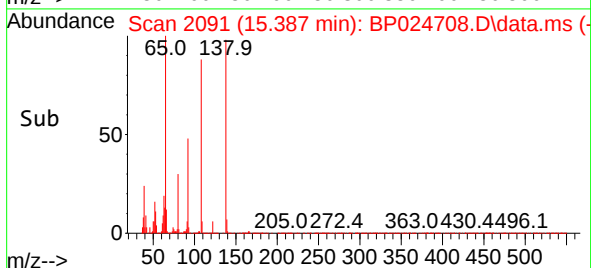
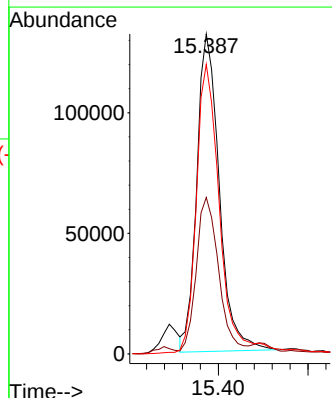
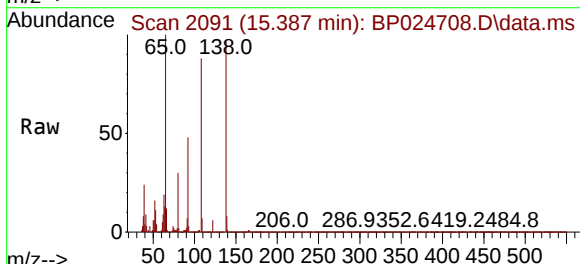
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

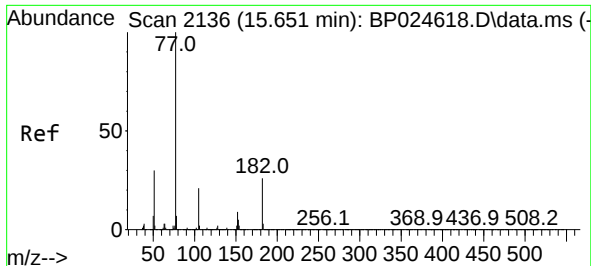
Tgt Ion:204 Resp: 526856
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 68.1 52.9 79.3



#62
4-Nitroaniline
Concen: 43.760 ng
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:138 Resp: 228988
Ion Ratio Lower Upper
138 100
92 48.9 29.2 69.2
108 90.5 69.0 109.0

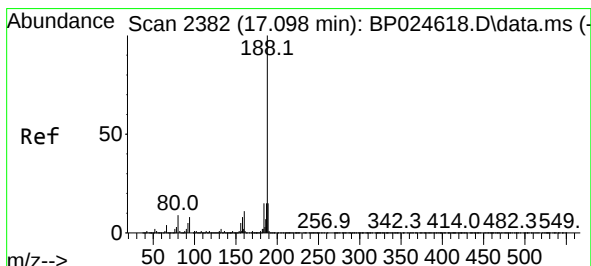
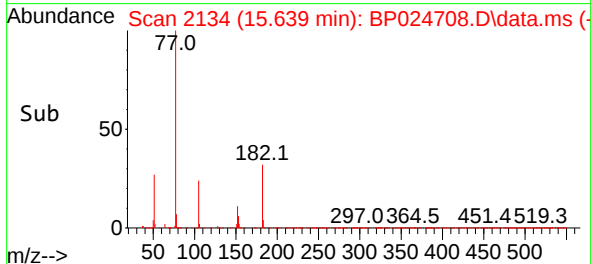
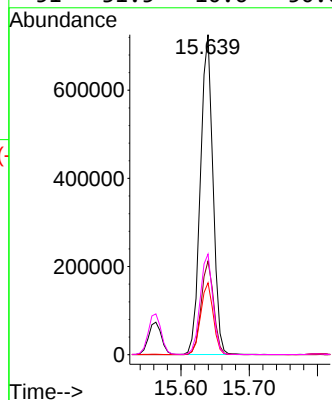
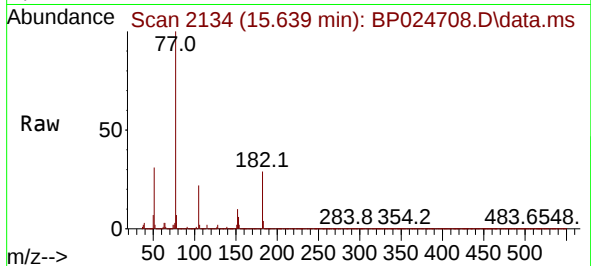




#63
Azobenzene
Concen: 42.749 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

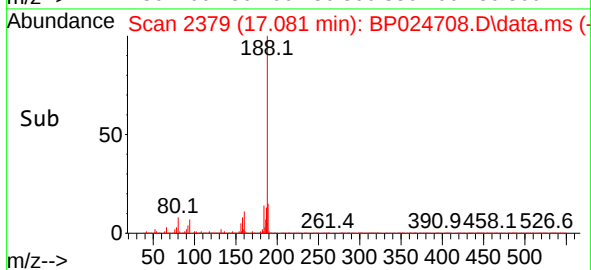
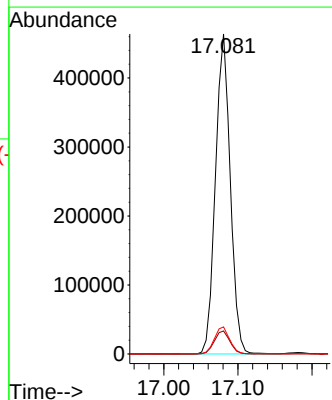
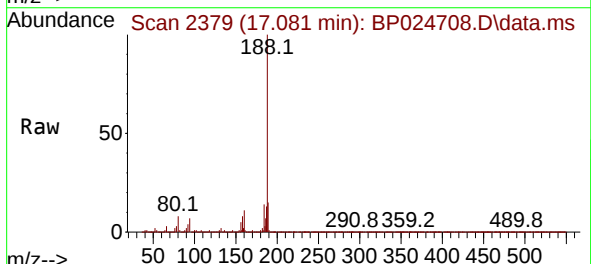
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

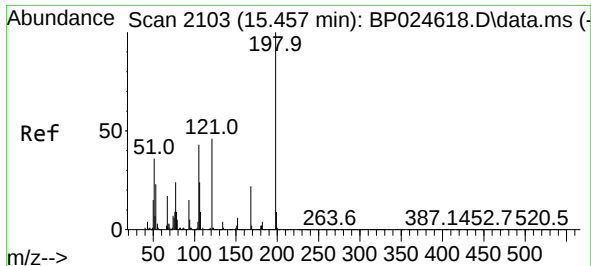
Tgt Ion: 77 Resp: 928905
Ion Ratio Lower Upper
77 100
182 29.2 5.7 45.7
105 22.5 1.3 41.3
51 31.5 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion: 188 Resp: 642991
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.5 7.3 10.9

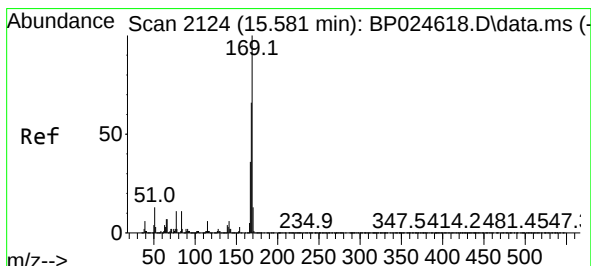
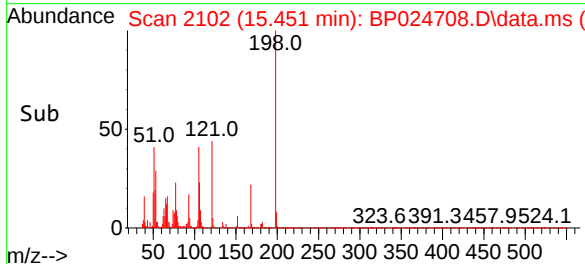
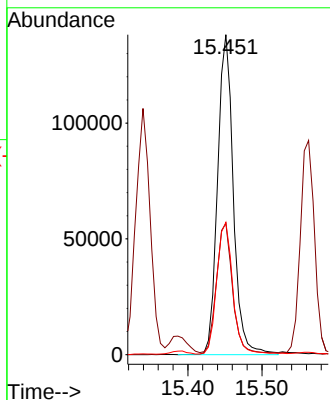
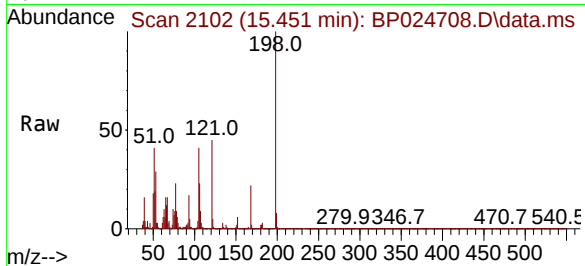




#65
4,6-Dinitro-2-methylphenol
Concen: 49.028 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

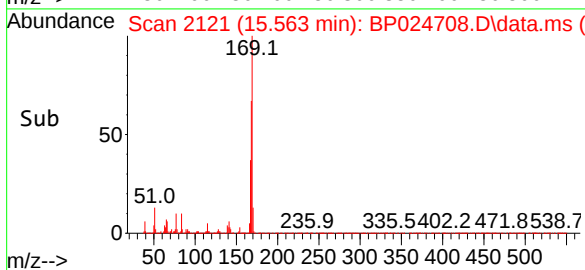
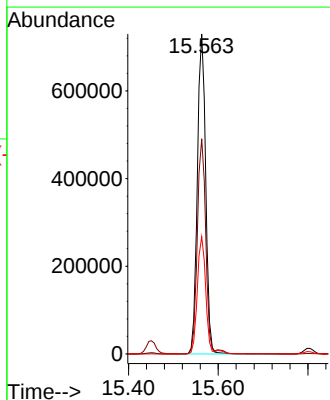
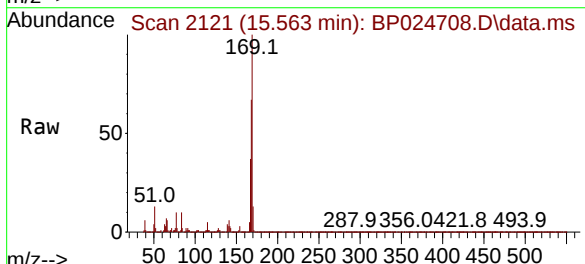
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

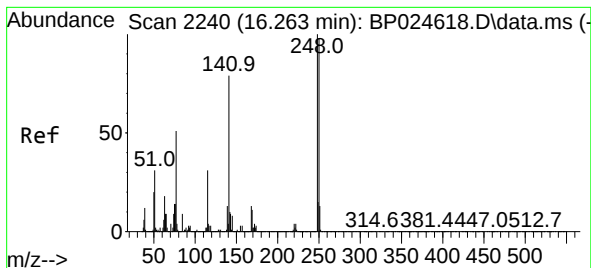
Tgt Ion:198 Resp: 203628
Ion Ratio Lower Upper
198 100
51 41.0 21.1 61.1
105 41.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 47.509 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:169 Resp: 938311
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.6 28.6 43.0

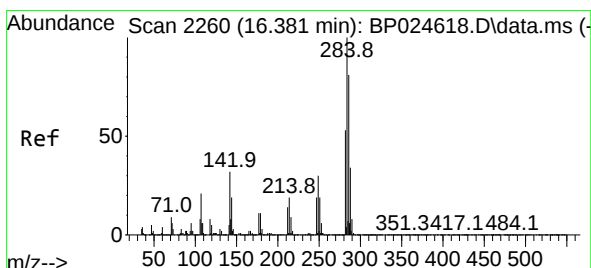
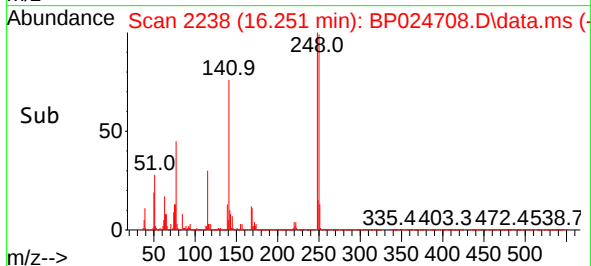
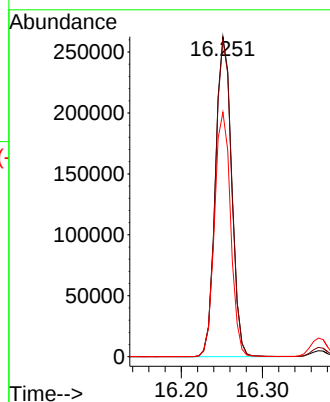
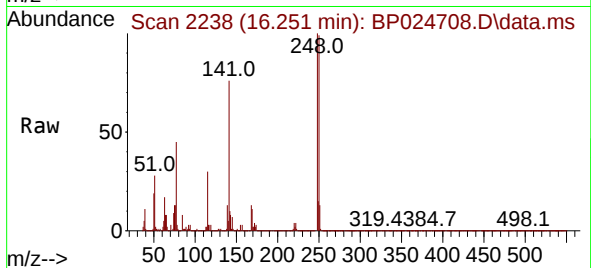




#67
4-Bromophenyl-phenylether
Concen: 48.013 ng
RT: 16.251 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

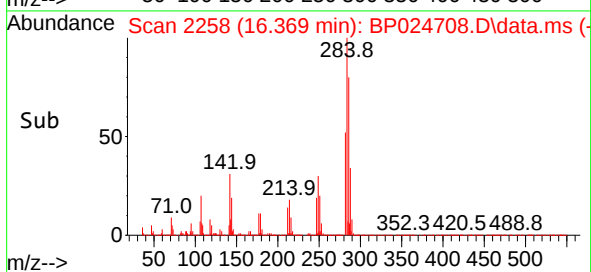
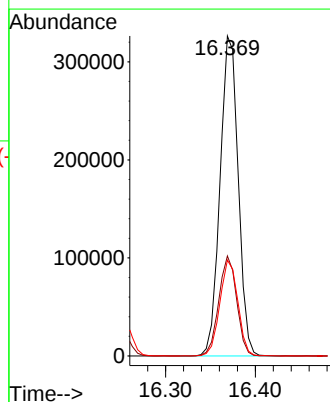
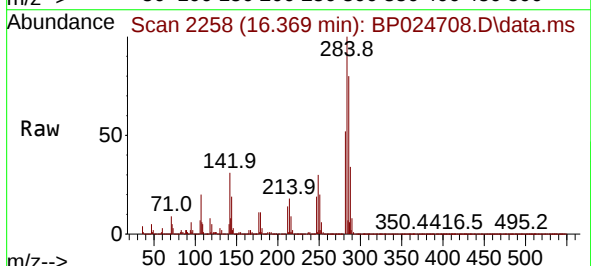
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Tgt Ion:248 Resp: 363780
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 76.4 63.0 94.6



#68
Hexachlorobenzene
Concen: 47.591 ng
RT: 16.369 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:284 Resp: 458184
Ion Ratio Lower Upper
284 100
142 31.3 25.9 38.9
249 29.9 24.1 36.1





#69

Atrazine

Concen: 47.570 ng

RT: 16.545 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

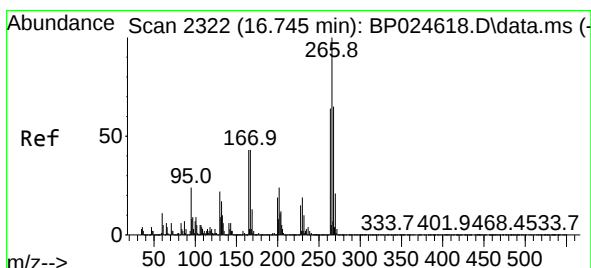
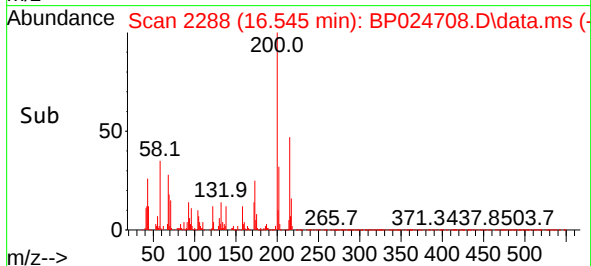
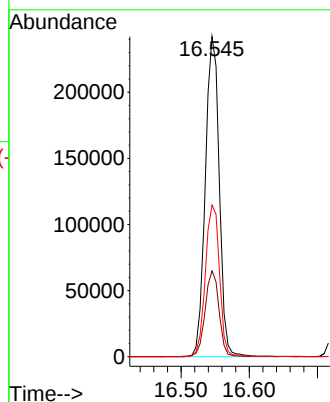
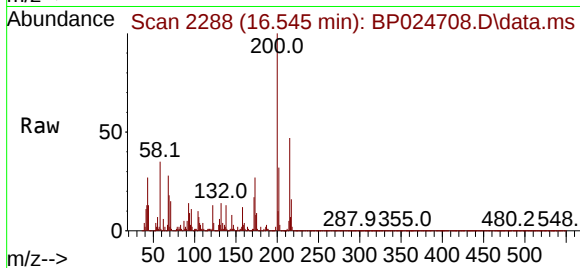
Tgt Ion:200 Resp: 344306

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

215 47.4 28.3 68.3



#70

Pentachlorophenol

Concen: 109.332 ng

RT: 16.734 min Scan# 2320

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

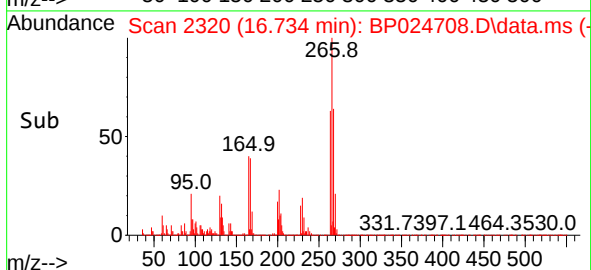
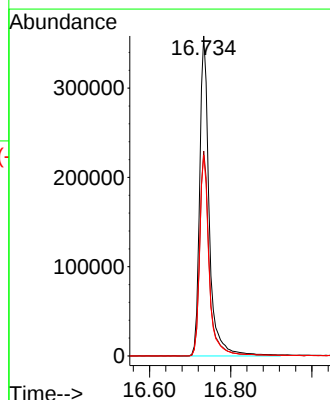
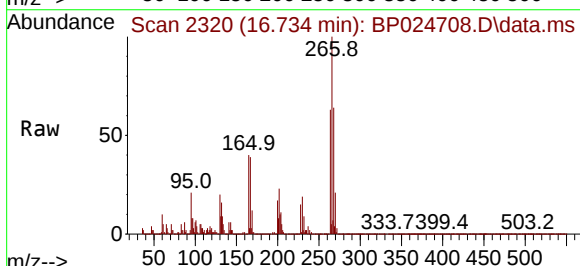
Tgt Ion:266 Resp: 590870

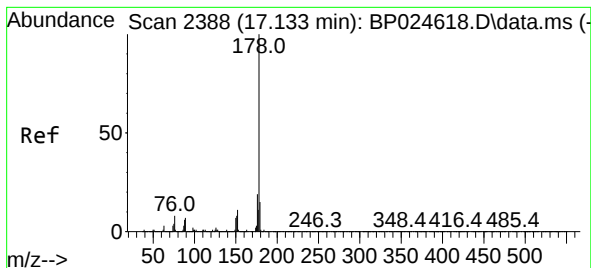
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 62.8 51.1 76.7





#71

Phenanthrene

Concen: 44.362 ng

RT: 17.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

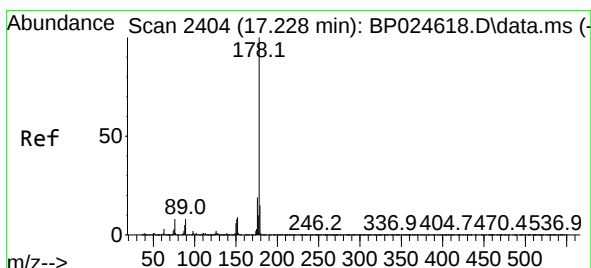
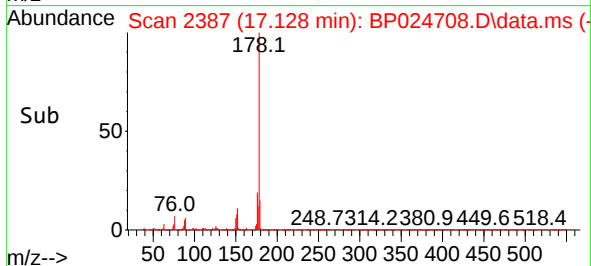
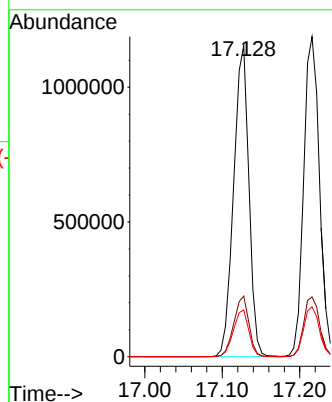
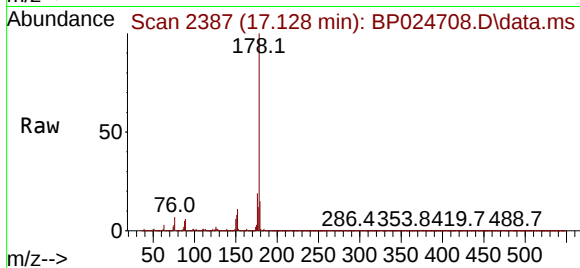
Tgt Ion:178 Resp: 1585722

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.0 12.2 18.4



#72

Anthracene

Concen: 46.920 ng

RT: 17.216 min Scan# 2402

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

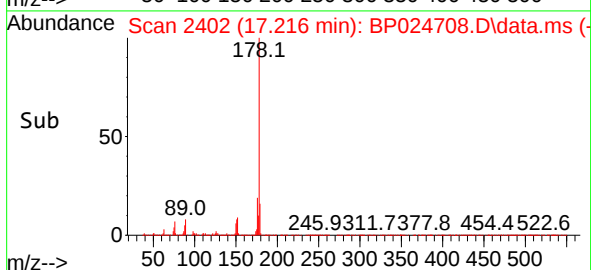
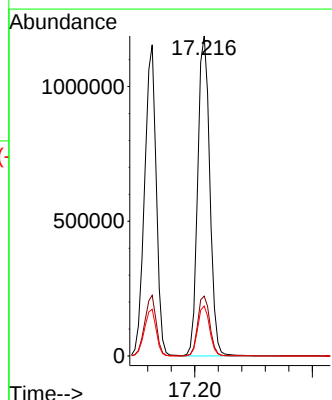
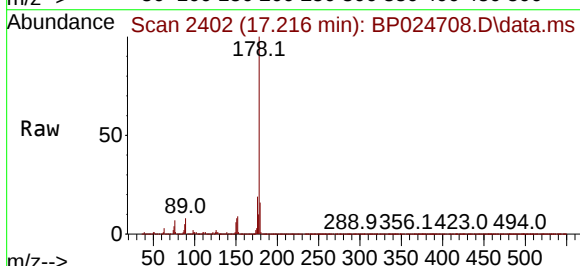
Tgt Ion:178 Resp: 1687384

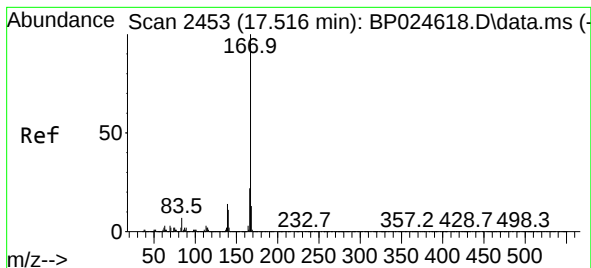
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.6 12.2 18.2





#73

Carbazole

Concen: 46.929 ng

RT: 17.504 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

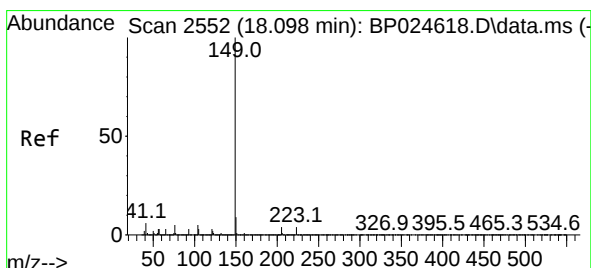
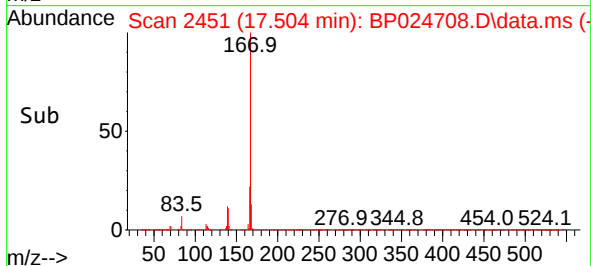
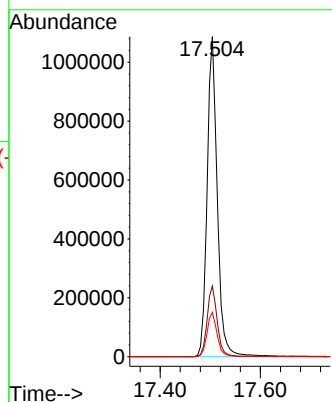
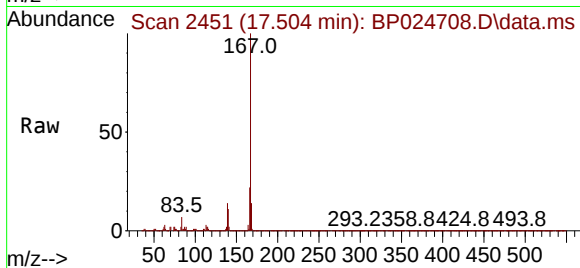
Tgt Ion:167 Resp: 1527551

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 13.9 11.3 16.9



#74

Di-n-butylphthalate

Concen: 46.398 ng

RT: 18.086 min Scan# 2550

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

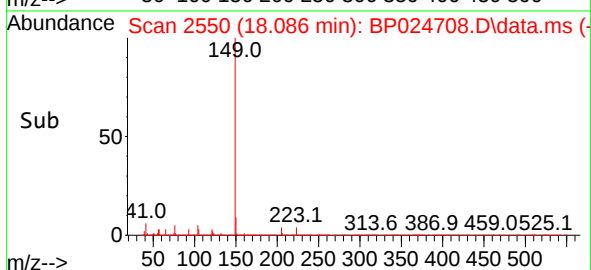
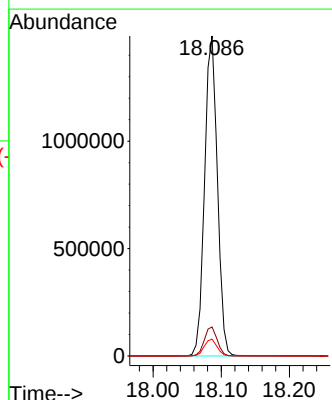
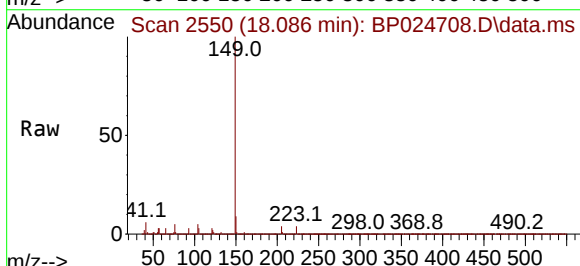
Tgt Ion:149 Resp: 1942338

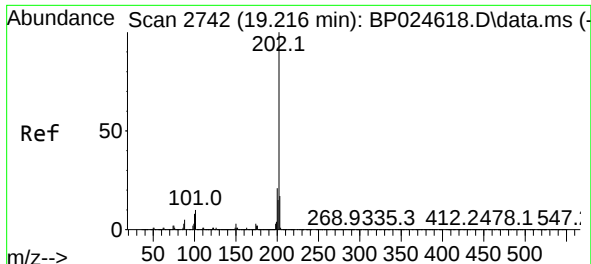
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 5.3 4.3 6.5

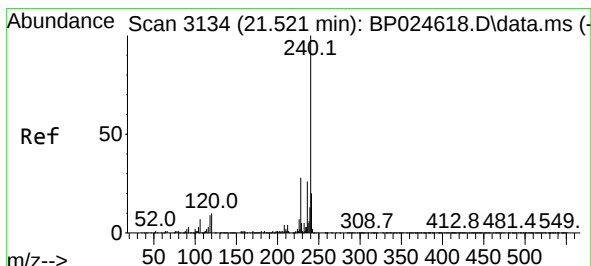
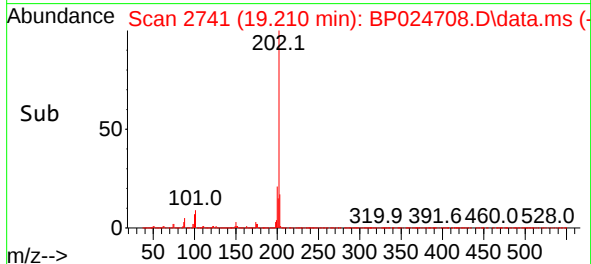
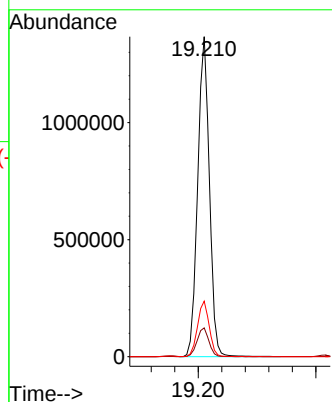
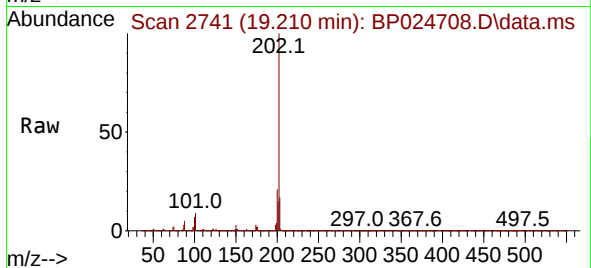




#75
Fluoranthene
Concen: 45.023 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

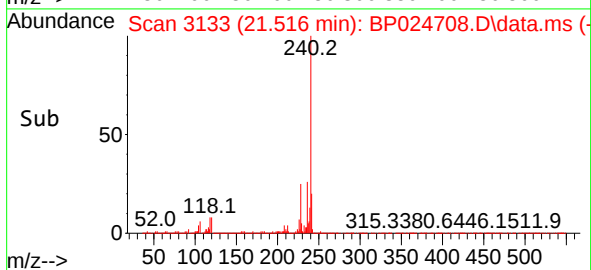
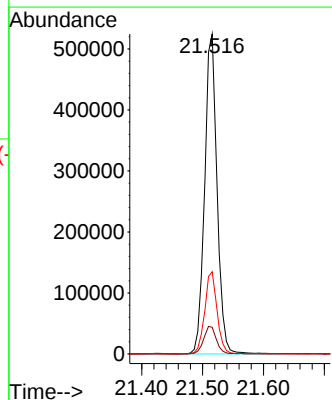
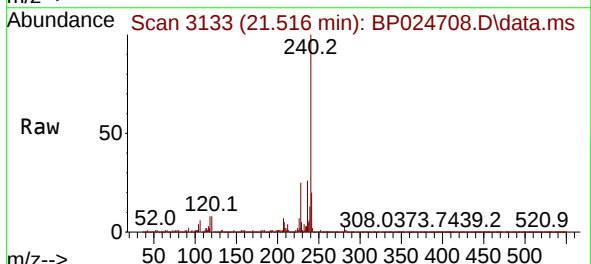
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

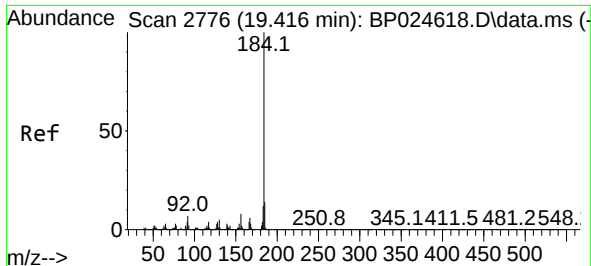
Tgt Ion:202 Resp: 1881199
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:240 Resp: 741643
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.7 20.6 31.0

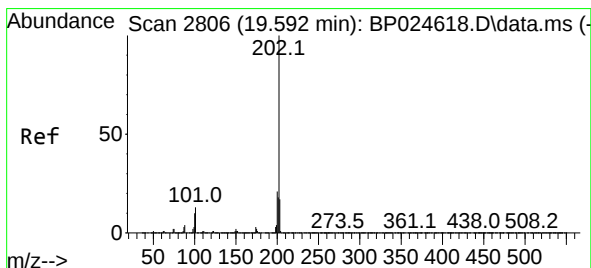
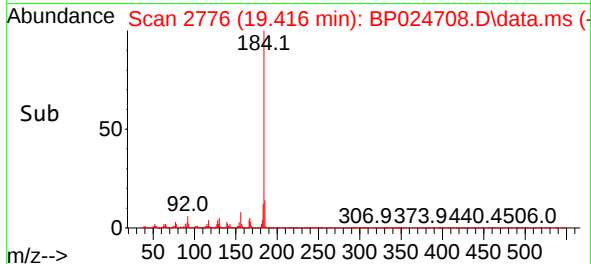
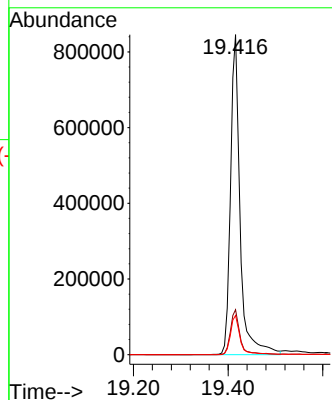
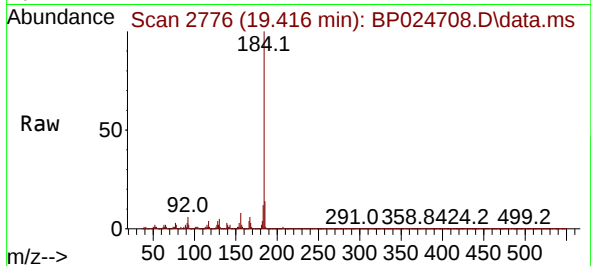




#77
Benzidine
Concen: 58.638 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

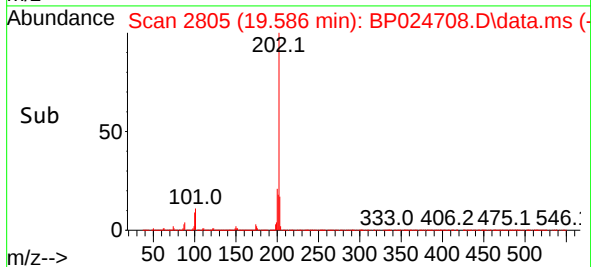
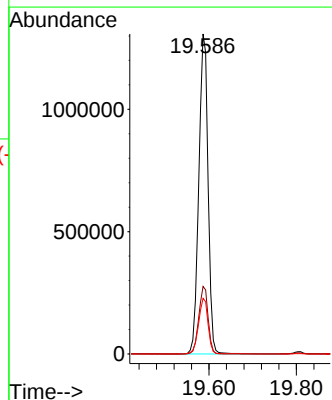
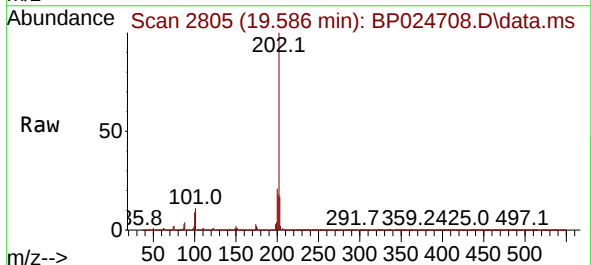
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

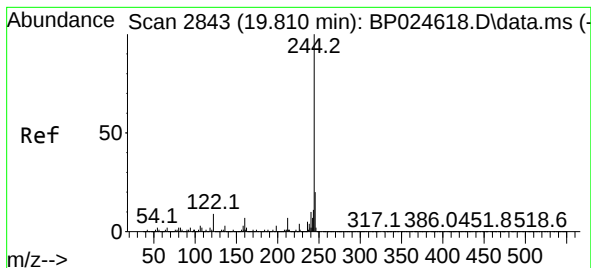
Tgt Ion:184 Resp: 1184443
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.3 9.8 14.8



#78
Pyrene
Concen: 43.265 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:202 Resp: 1922595
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 79.393 ng

RT: 19.804 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

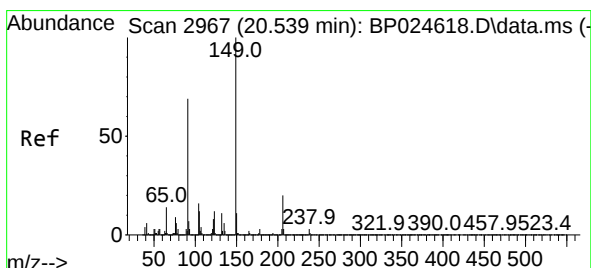
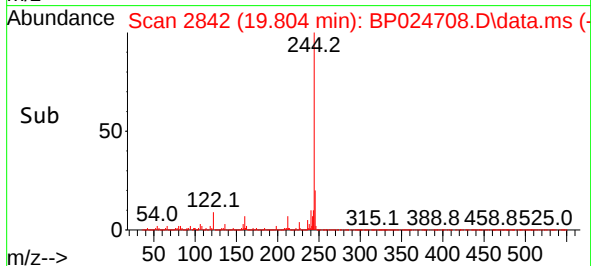
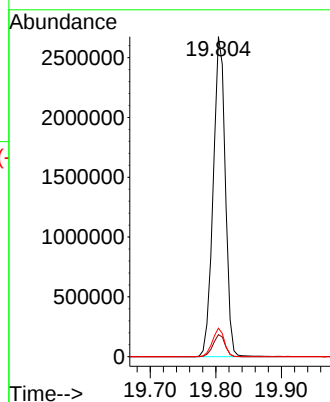
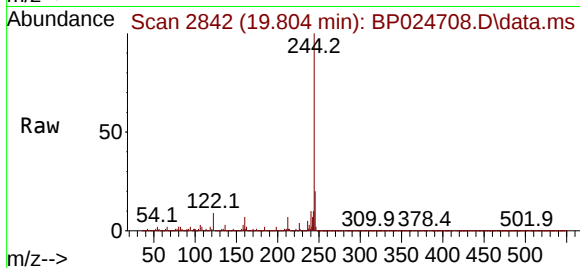
Tgt Ion:244 Resp: 3433913

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.9 7.4 11.0



#80

Butylbenzylphthalate

Concen: 44.673 ng

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

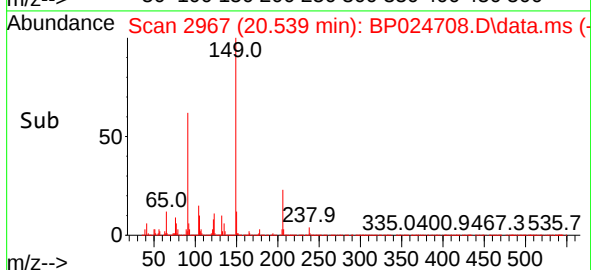
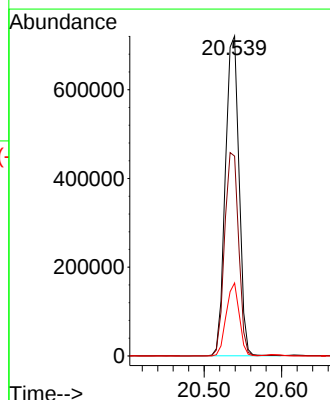
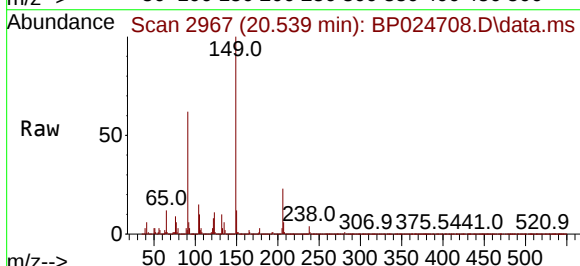
Tgt Ion:149 Resp: 882879

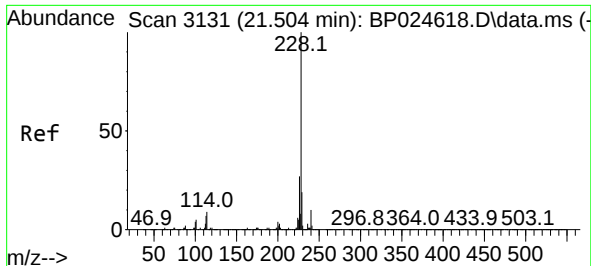
Ion Ratio Lower Upper

149 100

91 62.4 55.4 83.0

206 22.8 16.2 24.2

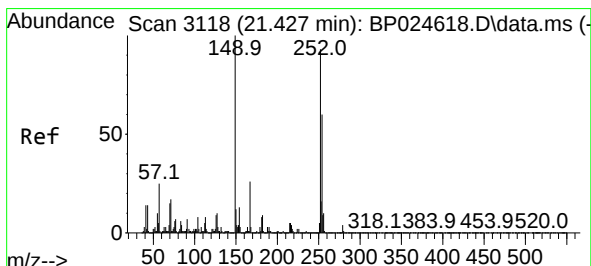
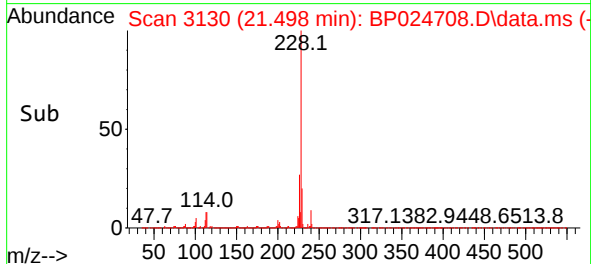
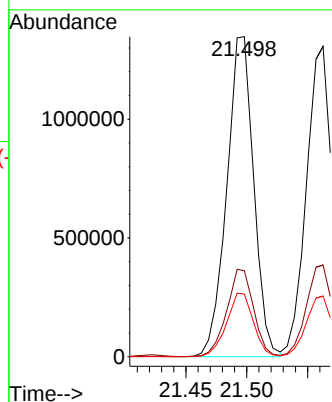
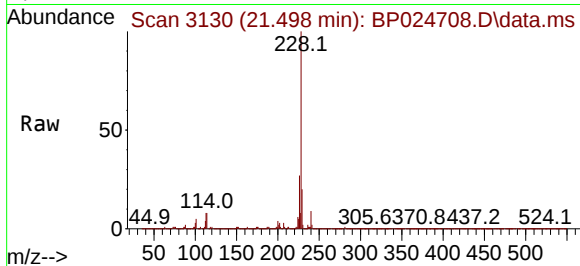




#81
Benzo(a)anthracene
Concen: 44.715 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

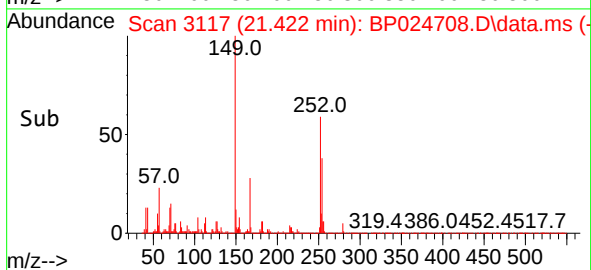
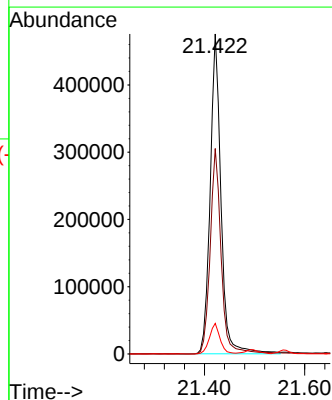
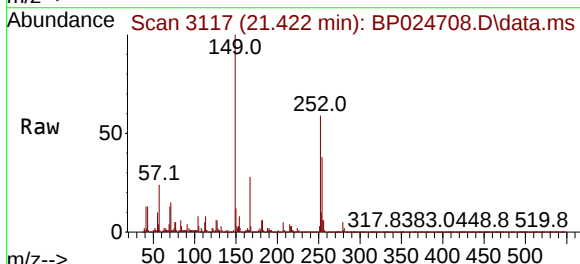
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

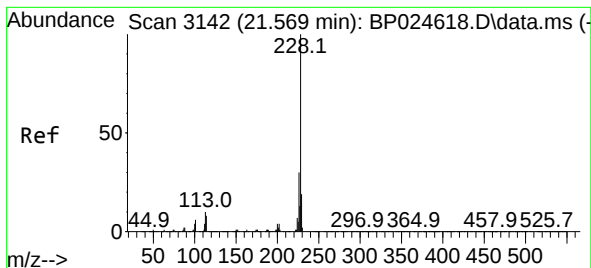
Tgt Ion:228 Resp: 2082335
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 41.258 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:252 Resp: 713621
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 9.6 7.7 11.5





#83

Chrysene

Concen: 44.732 ng

RT: 21.563 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

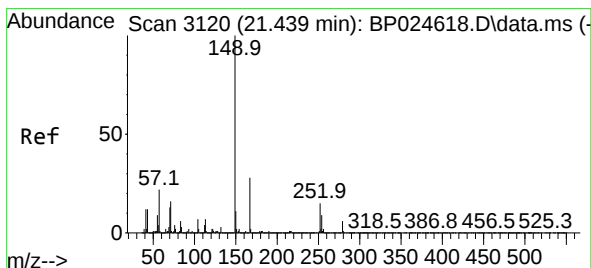
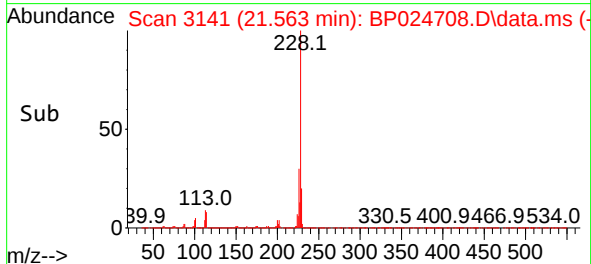
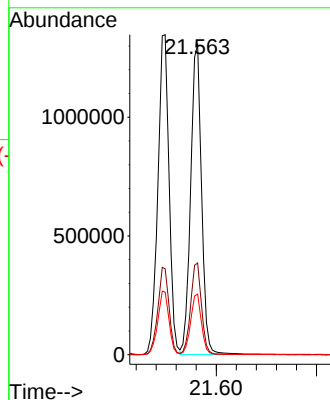
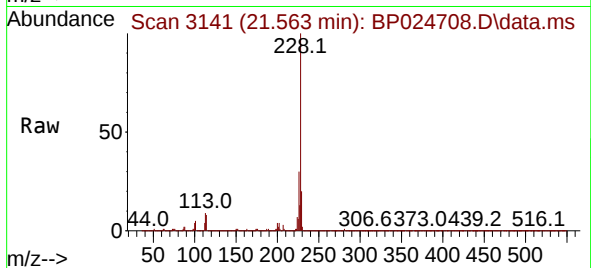
BNA_P

ClientSampleId :

PB168048BSD

Tgt Ion:228 Resp: 1974706

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	19.5	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.173 ng

RT: 21.427 min Scan# 3118

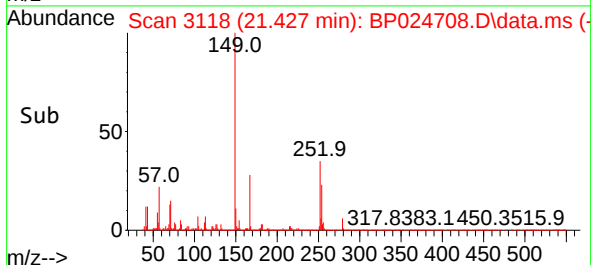
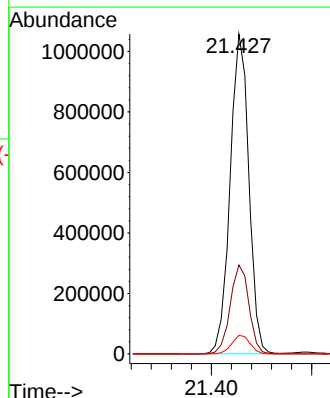
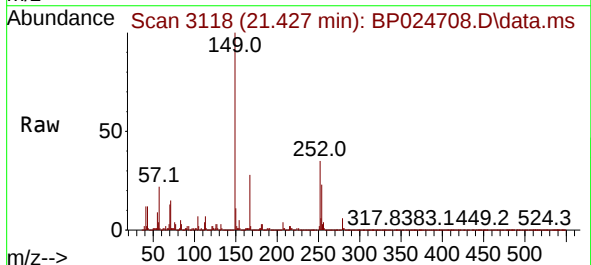
Delta R.T. -0.012 min

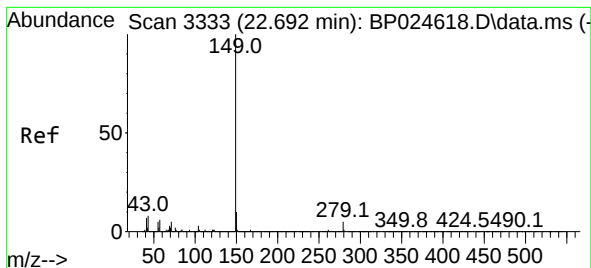
Lab File: BP024708.D

Acq: 20 May 2025 15:16

Tgt Ion:149 Resp: 1370288

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.8	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 47.662 ng

RT: 22.680 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

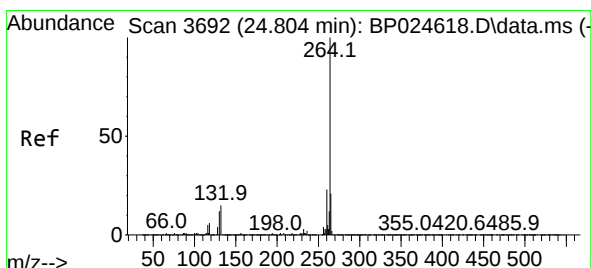
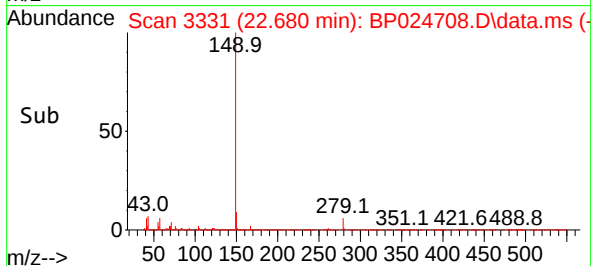
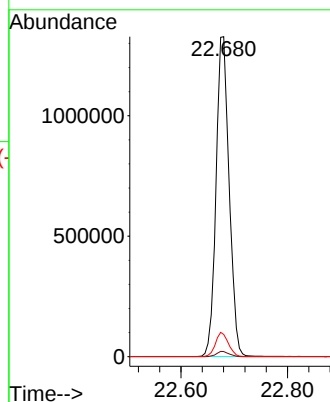
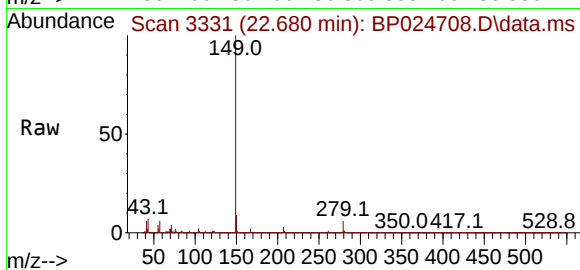
Tgt Ion:149 Resp: 2264072

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: 24.792 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

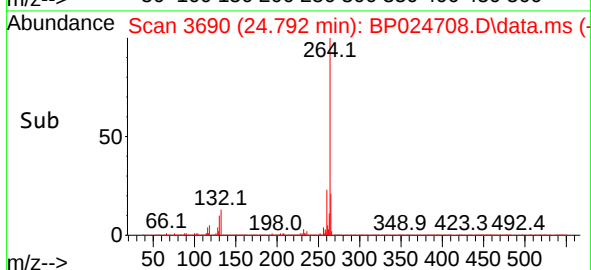
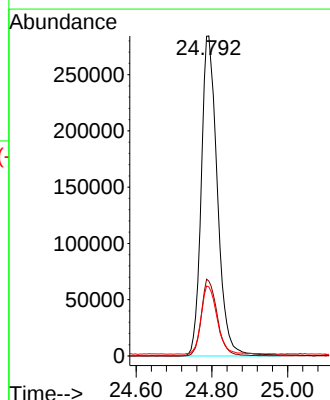
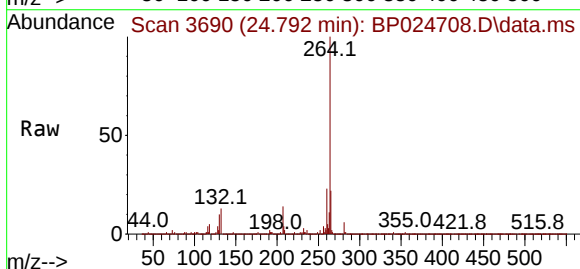
Tgt Ion:264 Resp: 838594

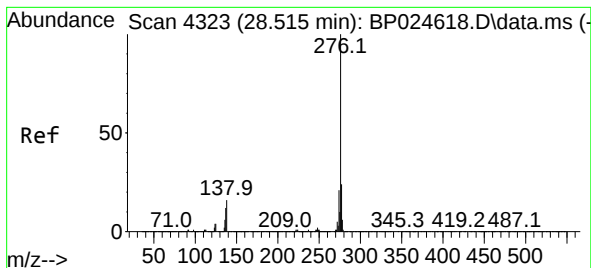
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.368 ng

RT: 28.527 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

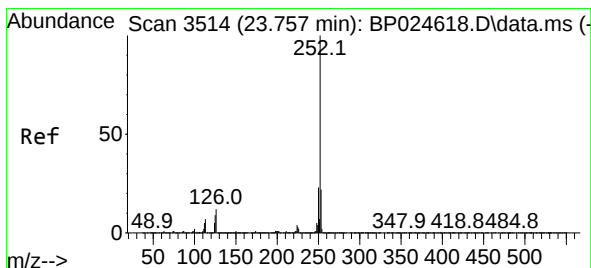
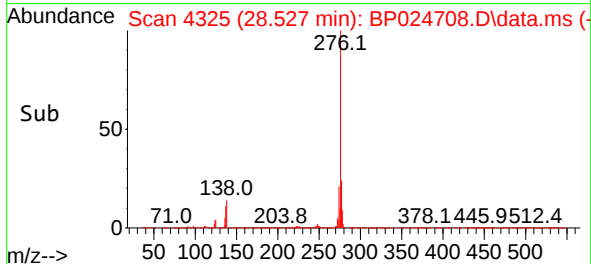
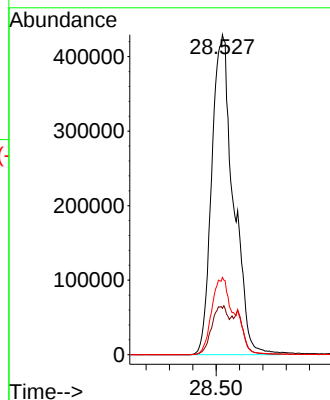
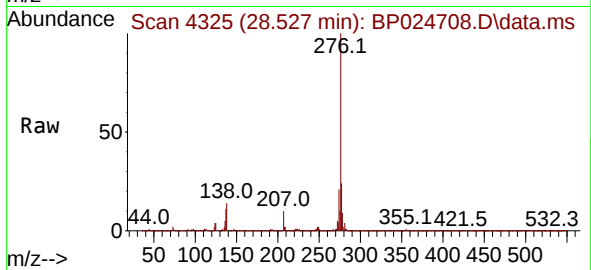
Tgt Ion:276 Resp: 2777529

Ion Ratio Lower Upper

276 100

138 11.3 11.2 16.8

277 21.2 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 47.041 ng

RT: 23.763 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

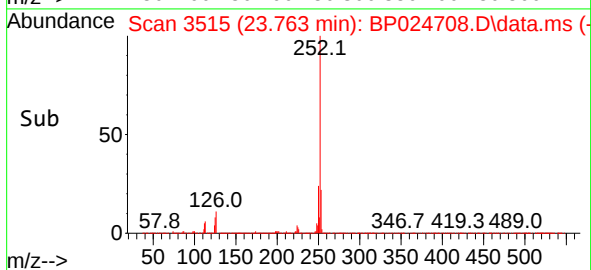
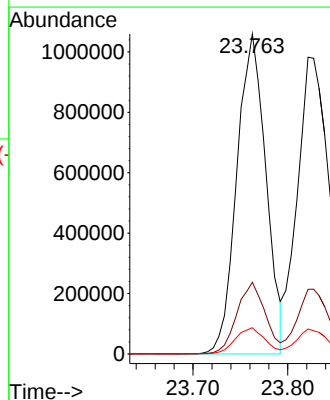
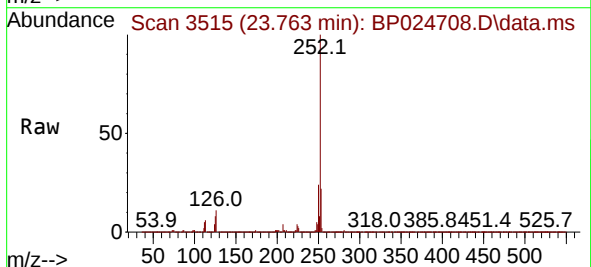
Tgt Ion:252 Resp: 2257968

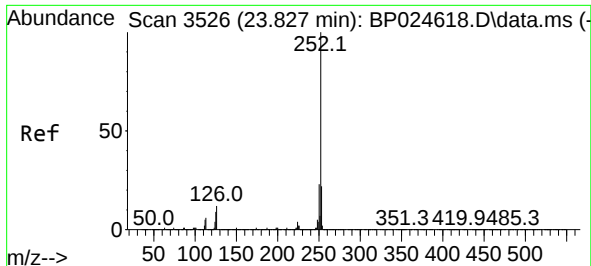
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 8.2 7.5 11.3

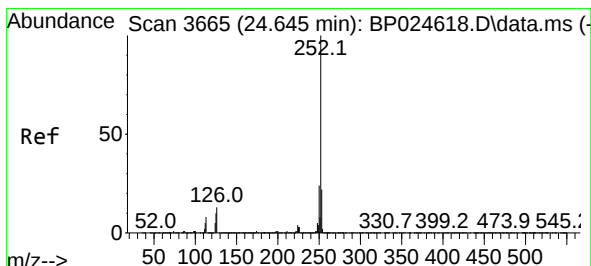
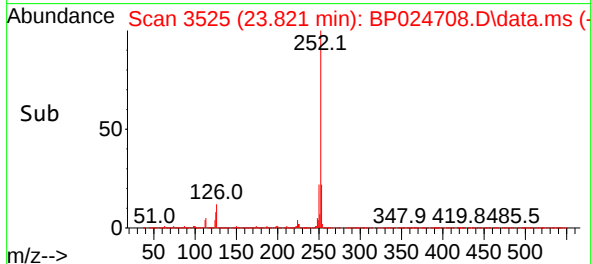
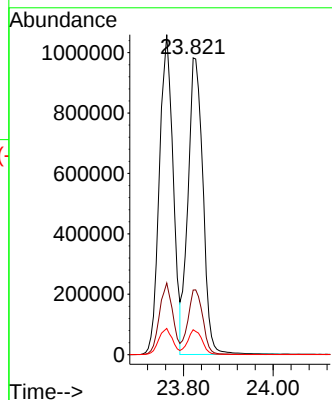
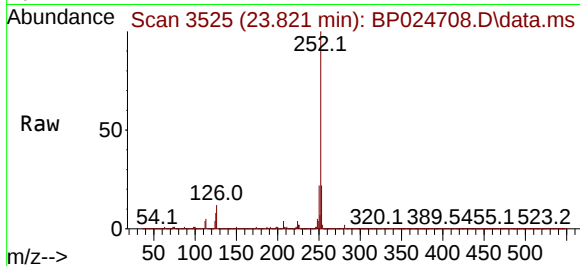




#89
Benzo(k)fluoranthene
Concen: 45.885 ng
RT: 23.821 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

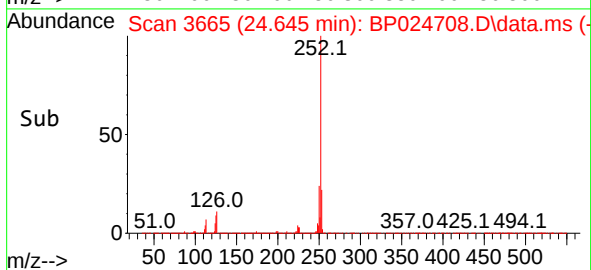
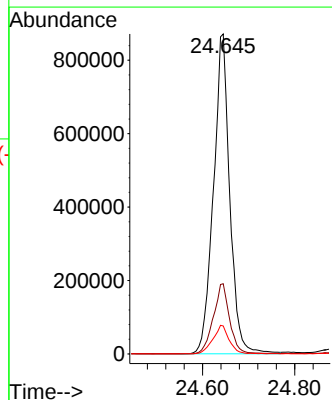
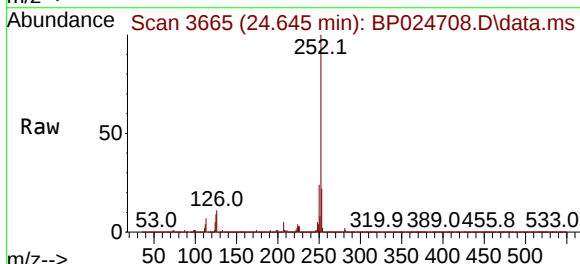
Instrument :
BNA_P
ClientSampleId :
PB168048BSD

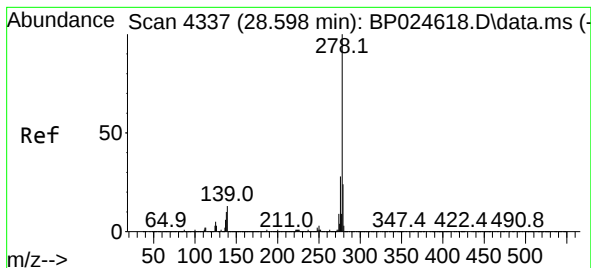
Tgt Ion:252 Resp: 2269488
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.4 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.387 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024708.D
Acq: 20 May 2025 15:16

Tgt Ion:252 Resp: 2138419
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.992 ng

RT: 28.592 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB168048BSD

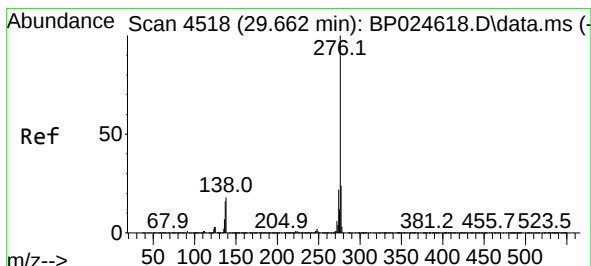
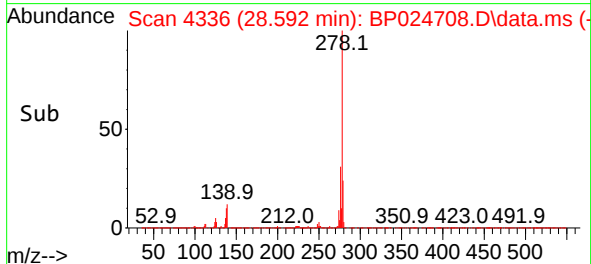
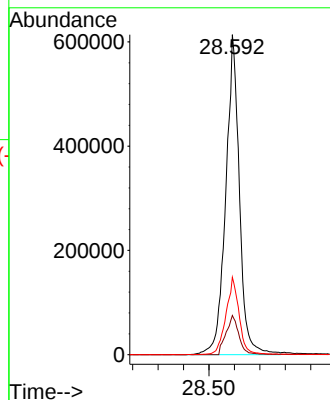
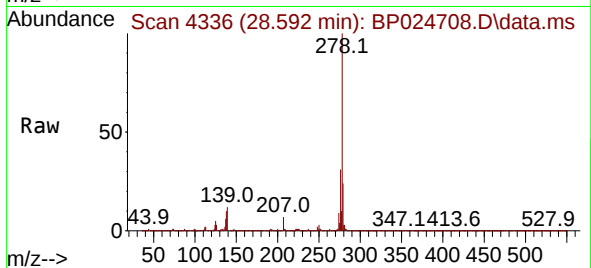
Tgt Ion:278 Resp: 2290677

Ion Ratio Lower Upper

278 100

139 12.3 10.2 15.4

279 24.2 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.853 ng

RT: 29.680 min Scan# 4521

Delta R.T. 0.018 min

Lab File: BP024708.D

Acq: 20 May 2025 15:16

Tgt Ion:276 Resp: 2221548

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 16.4 14.4 21.6

