

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026323.D
 Acq On : 15 Dec 2025 13:25
 Operator : RC/JU
 Sample : PB170919BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170919BS

Quant Time: Dec 15 13:51:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 01:38:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	260280	20.000	ng	-0.02
21) Naphthalene-d8	10.413	136	1010496	20.000	ng	-0.03
39) Acenaphthene-d10	14.284	164	602119	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1133522	20.000	ng	-0.04
76) Chrysene-d12	21.525	240	978119	20.000	ng	-0.05
86) Perylene-d12	24.818	264	1102931	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2006429	123.932	ng	0.00
7) Phenol-d6	6.843	99	2393481	117.121	ng	-0.01
23) Nitrobenzene-d5	8.790	82	1428699	80.477	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	1068246	136.424	ng	-0.03
45) 2-Fluorobiphenyl	12.884	172	3594546	86.794	ng	-0.04
79) Terphenyl-d14	19.825	244	4917023	102.748	ng	-0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.214	88	225951	34.321	ng	97
3) Pyridine	3.608	79	640058	33.853	ng	96
4) n-Nitrosodimethylamine	3.514	42	288527	40.921	ng	98
6) Aniline	6.984	93	469122	17.494	ng	99
8) 2-Chlorophenol	7.225	128	810117	44.036	ng	99
9) Benzaldehyde	6.802	77	469776	42.642	ng	99
10) Phenol	6.867	94	917155	41.722	ng	97
11) bis(2-Chloroethyl)ether	7.084	93	691959	40.149	ng	97
12) 1,3-Dichlorobenzene	7.543	146	880560	44.233	ng	98
13) 1,4-Dichlorobenzene	7.684	146	885316	44.131	ng	100
14) 1,2-Dichlorobenzene	7.996	146	860952	44.710	ng	100
15) Benzyl Alcohol	7.890	79	626897	42.199	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.161	45	928953	38.618	ng	99
17) 2-Methylphenol	8.090	107	637410	42.723	ng	98
18) Hexachloroethane	8.713	117	316359	43.414	ng	97
19) n-Nitroso-di-n-propyla...	8.449	70	502402	39.882	ng	99
20) 3+4-Methylphenols	8.419	107	851669	41.339	ng	99
22) Acetophenone	8.461	105	1086350	42.383	ng	99
24) Nitrobenzene	8.831	77	764057	42.579	ng	99
25) Isophorone	9.355	82	1433865	41.168	ng	99
26) 2-Nitrophenol	9.537	139	422603	46.579	ng	97
27) 2,4-Dimethylphenol	9.602	122	704910	43.897	ng	99
28) bis(2-Chloroethoxy)met...	9.831	93	899449	41.092	ng	99
29) 2,4-Dichlorophenol	10.072	162	741540	45.312	ng	99
30) 1,2,4-Trichlorobenzene	10.272	180	797116	47.384	ng	99
31) Naphthalene	10.466	128	2320266	42.472	ng	99
32) Benzoic acid	9.760	122	494796	38.464	ng	99
33) 4-Chloroaniline	10.572	127	227087	9.922	ng	99
34) Hexachlorobutadiene	10.755	225	526801	47.962	ng	99
35) Caprolactam	11.360	113	227256	39.325	ng	92
36) 4-Chloro-3-methylphenol	11.713	107	735274	42.701	ng	99
37) 2-Methylnaphthalene	12.084	142	1474274	38.291	ng	99
38) 1-Methylnaphthalene	12.296	142	1538546	40.902	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	895648	48.728	ng	100
41) Hexachlorocyclopentadiene	12.437	237	1078698	94.083	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	597738	47.851	ng	99

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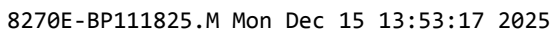
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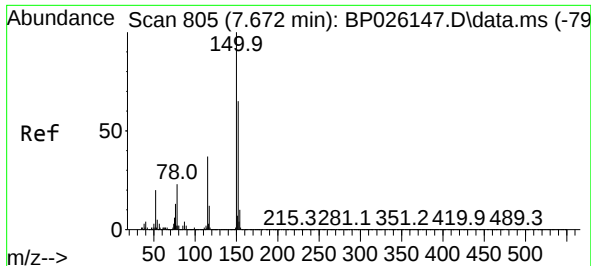
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	652083	46.870	ng	99
46) 1,1'-Biphenyl	13.101	154	2037369	44.811	ng	99
47) 2-Chloronaphthalene	13.143	162	1581915	44.162	ng	99
48) 2-Nitroaniline	13.349	65	429013	43.727	ng	97
49) Acenaphthylene	14.001	152	2670289	45.426	ng	100
50) Dimethylphthalate	13.743	163	1997623	44.525	ng	100
51) 2,6-Dinitrotoluene	13.848	165	435307	49.097	ng	95
52) Acenaphthene	14.343	154	1479092	43.032	ng	100
53) 3-Nitroaniline	14.184	138	141900	13.691	ng	97
54) 2,4-Dinitrophenol	14.401	184	496741	105.086	ng	99
55) Dibenzofuran	14.684	168	2374227	44.417	ng	99
56) 4-Nitrophenol	14.519	139	686842	74.218	ng	94
57) 2,4-Dinitrotoluene	14.654	165	613156	46.489	ng	98
58) Fluorene	15.348	166	1874795	44.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	571414	48.524	ng	98
60) Diethylphthalate	15.131	149	1958210	43.517	ng	99
61) 4-Chlorophenyl-phenyle...	15.343	204	959608	45.512	ng	98
62) 4-Nitroaniline	15.366	138	399216	37.114	ng	96
63) Azobenzene	15.643	77	1622139	42.870	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	351616	52.520	ng	97
66) n-Nitrosodiphenylamine	15.566	169	1654291	47.202	ng	100
67) 4-Bromophenyl-phenylether	16.260	248	631806	50.277	ng	99
68) Hexachlorobenzene	16.384	284	733431	50.219	ng	97
69) Atrazine	16.548	200	617748	46.880	ng	98
70) Pentachlorophenol	16.737	266	946476	93.417	ng	100
71) Phenanthrene	17.137	178	2866588	44.859	ng	100
72) Anthracene	17.225	178	2957724	45.443	ng	100
73) Carbazole	17.513	167	2667340	43.289	ng	100
74) Di-n-butylphthalate	18.101	149	3315785	45.549	ng	100
75) Fluoranthene	19.219	202	3252468	41.822	ng	99
77) Benzidine	19.413	184	687381	22.383	ng	99
78) Pyrene	19.595	202	3364237	52.781	ng	99
80) Butylbenzylphthalate	20.554	149	1393068	49.799	ng	98
81) Benzo(a)anthracene	21.513	228	3142607	46.837	ng	100
82) 3,3'-Dichlorobenzidine	21.425	252	661838	27.111	ng	99
83) Chrysene	21.572	228	2969915	46.748	ng	100
84) Bis(2-ethylhexyl)phtha...	21.460	149	1971532	46.854	ng	# 99
85) Di-n-octyl phthalate	22.719	149	3337165	44.985	ng	98
87) Indeno(1,2,3-cd)pyrene	28.565	276	3959000	47.495	ng	# 89
88) Benzo(b)fluoranthene	23.783	252	3133010	46.740	ng	98
89) Benzo(k)fluoranthene	23.848	252	3204520	47.792	ng	99
90) Benzo(a)pyrene	24.666	252	3003249	47.250	ng	99
91) Dibenzo(a,h)anthracene	28.642	278	3283910	48.166	ng	98
92) Benzo(g,h,i)perylene	29.712	276	3320878	48.861	ng	96

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

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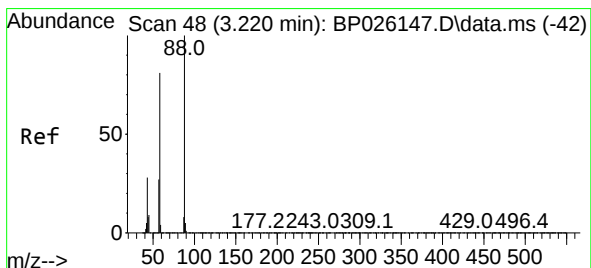
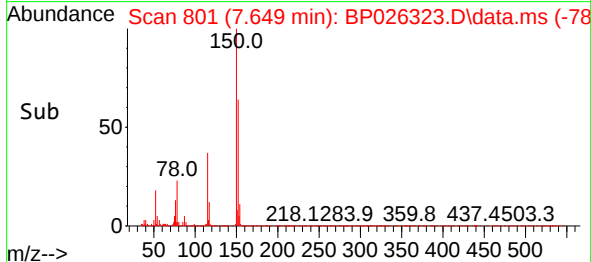
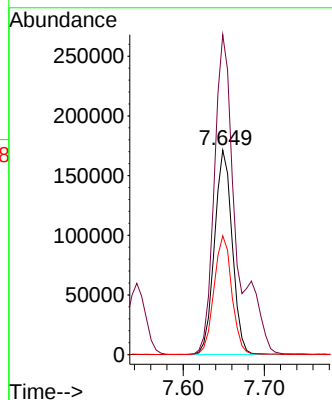
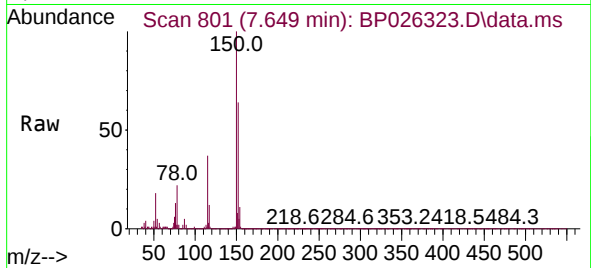




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: BP026323.D
 Acq: 15 Dec 2025 13:25

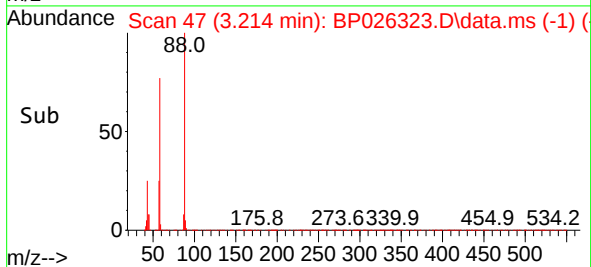
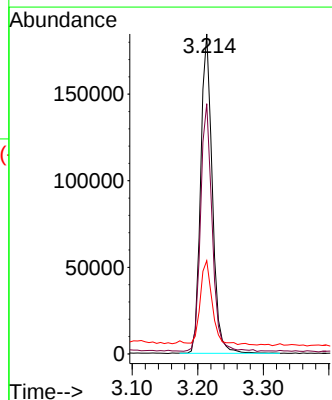
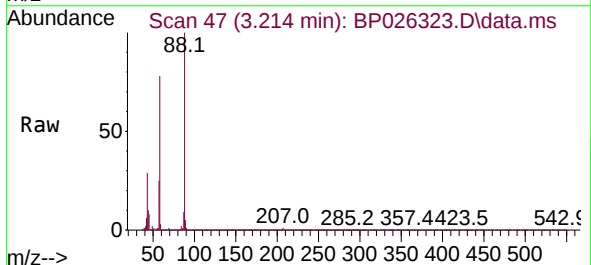
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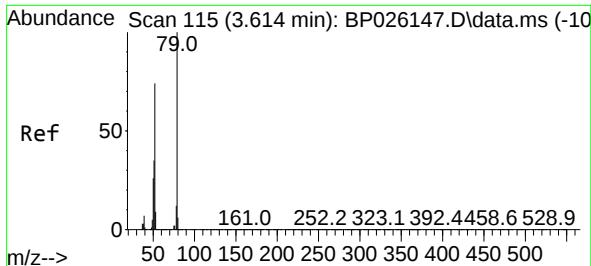
Tgt Ion:152 Resp: 260280
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.0 184.6
 115 58.1 46.3 69.5



#2
 1,4-Dioxane
 Concen: 34.321 ng
 RT: 3.214 min Scan# 47
 Delta R.T. -0.006 min
 Lab File: BP026323.D
 Acq: 15 Dec 2025 13:25

Tgt Ion: 88 Resp: 225951
 Ion Ratio Lower Upper
 88 100
 58 77.4 64.2 96.4
 43 27.3 21.5 32.3

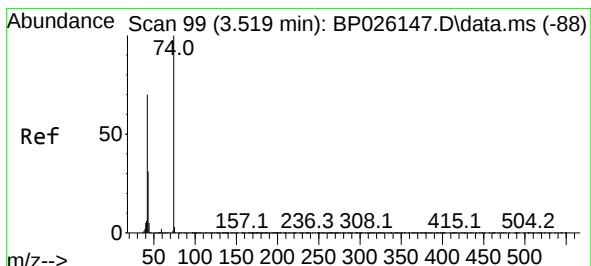
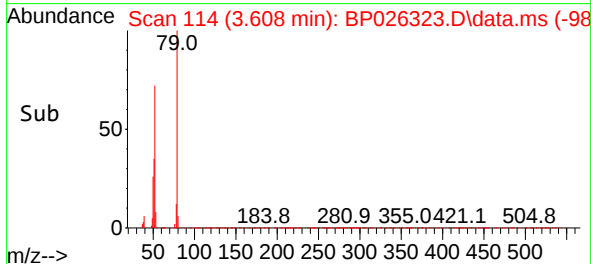
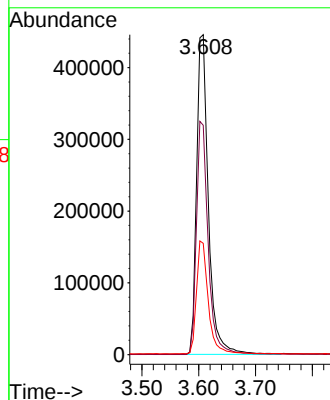
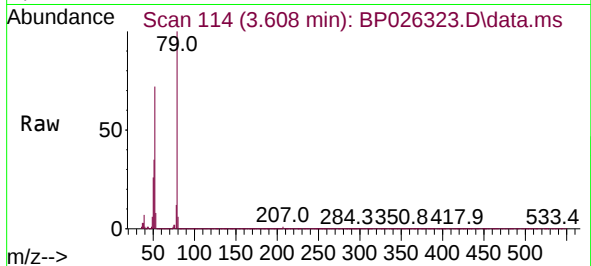




#3
 Pyridine
 Concen: 33.853 ng
 RT: 3.608 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP026323.D
 Acq: 15 Dec 2025 13:25

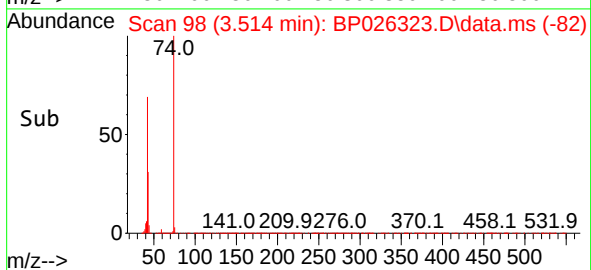
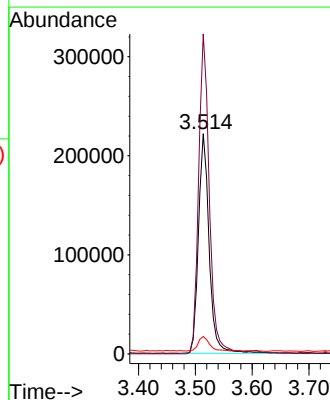
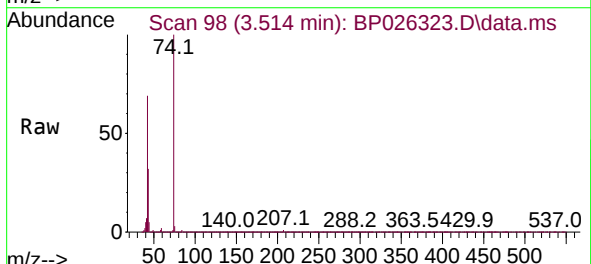
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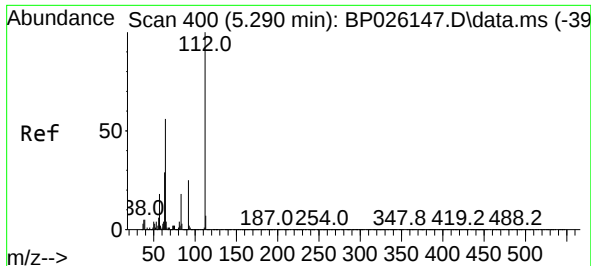
Tgt Ion: 79 Resp: 640058
 Ion Ratio Lower Upper
 79 100
 52 71.7 60.2 90.2
 51 34.8 29.5 44.3



#4
 n-Nitrosodimethylamine
 Concen: 40.921 ng
 RT: 3.514 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BP026323.D
 Acq: 15 Dec 2025 13:25

Tgt Ion: 42 Resp: 288527
 Ion Ratio Lower Upper
 42 100
 74 145.3 118.1 177.1
 44 7.9 6.2 9.4

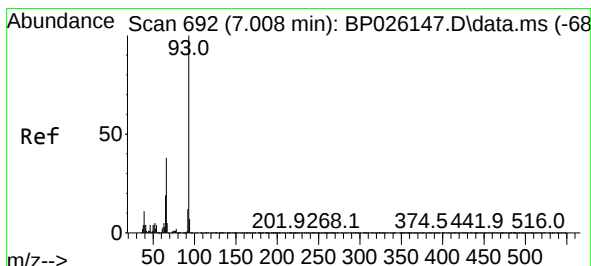
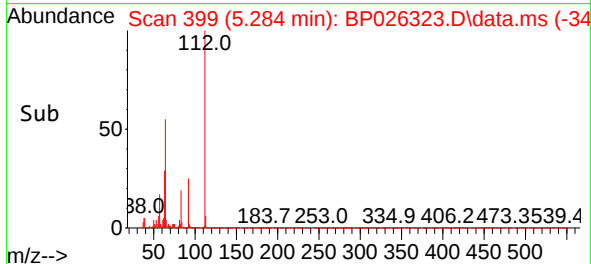
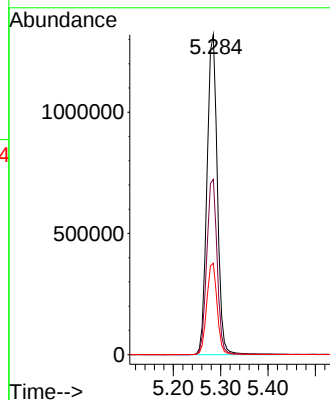
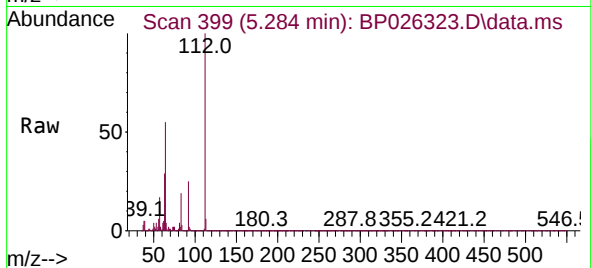




#5
2-Fluorophenol
Concen: 123.932 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

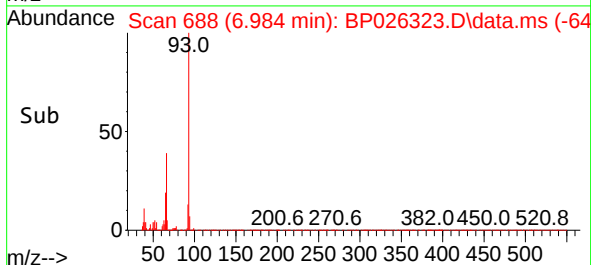
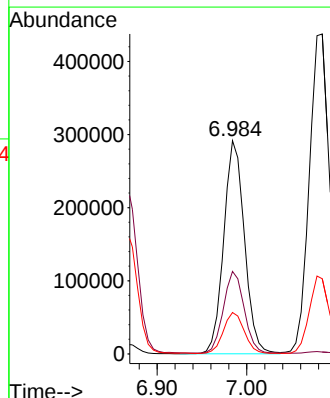
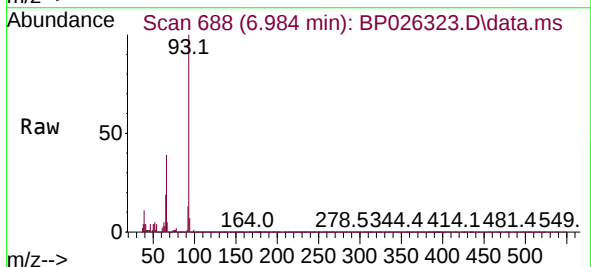
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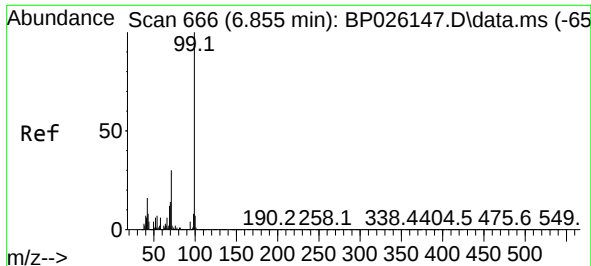
Tgt Ion:112 Resp: 2006429
Ion Ratio Lower Upper
112 100
64 54.8 45.8 68.6
63 28.5 23.5 35.3



#6
Aniline
Concen: 17.494 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion: 93 Resp: 469122
Ion Ratio Lower Upper
93 100
66 38.7 31.7 47.5
65 19.4 15.8 23.6

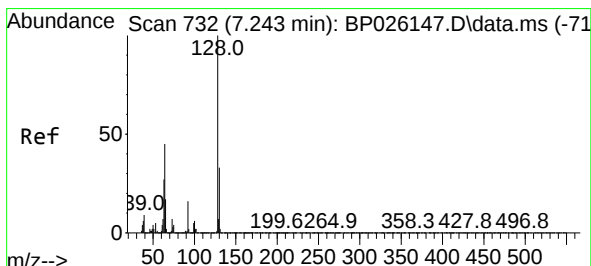
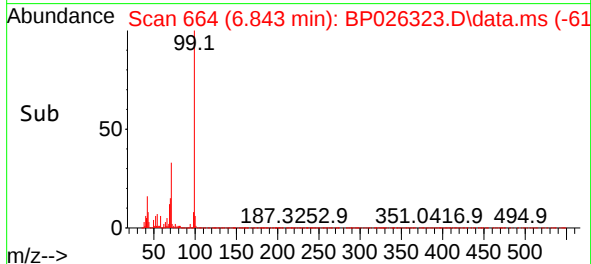
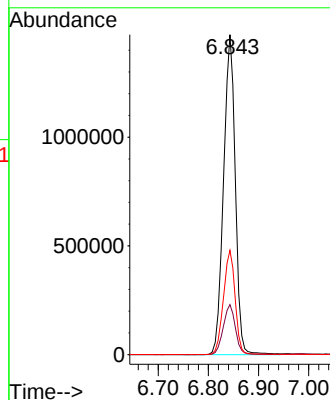
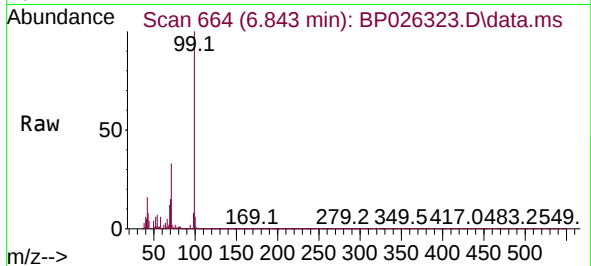




#7
Phenol-d6
Concen: 117.121 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

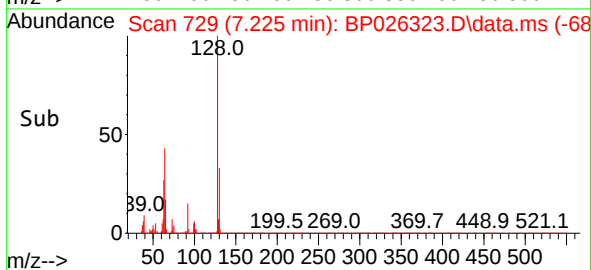
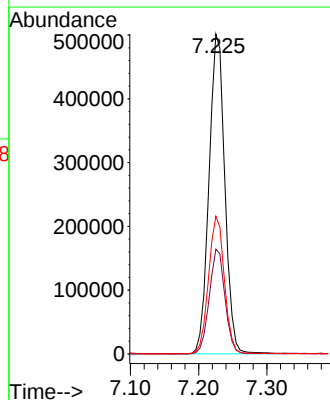
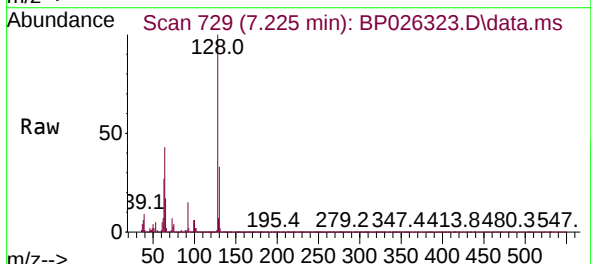
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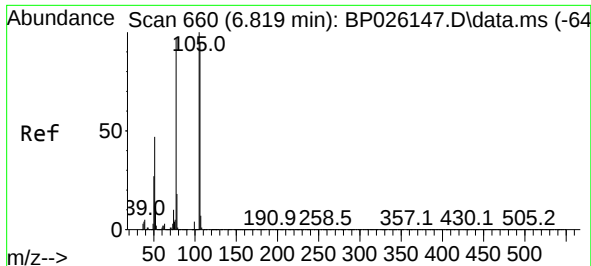
Tgt Ion: 99 Resp: 2393481
Ion Ratio Lower Upper
99 100
42 15.6 12.9 19.3
71 32.6 24.8 37.2



#8
2-Chlorophenol
Concen: 44.036 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:128 Resp: 810117
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 43.1 23.9 63.9

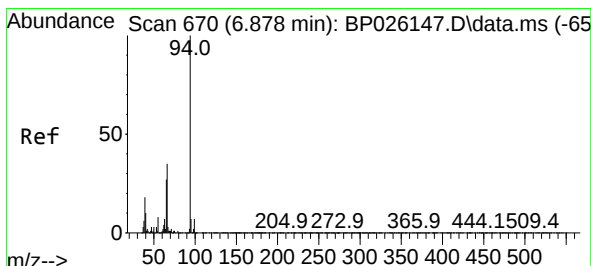
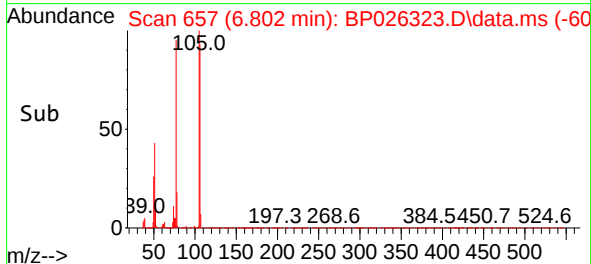
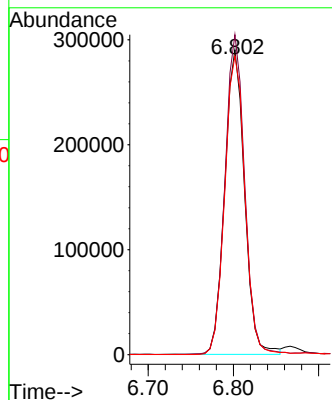
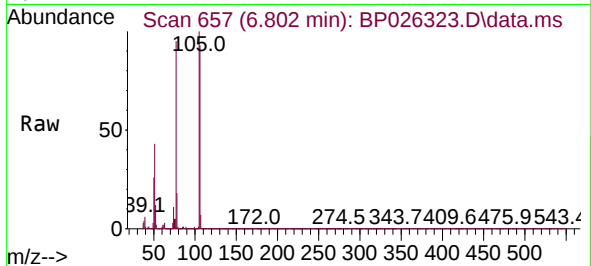




#9
Benzaldehyde
Concen: 42.642 ng
RT: 6.802 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

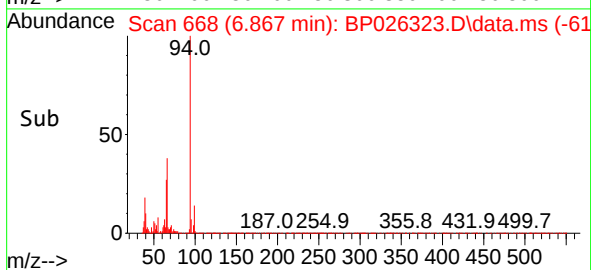
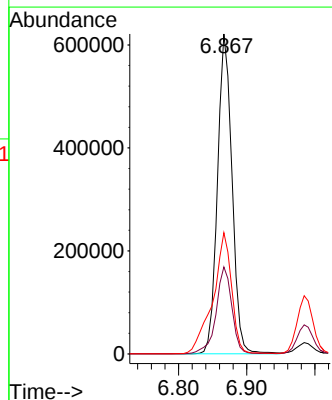
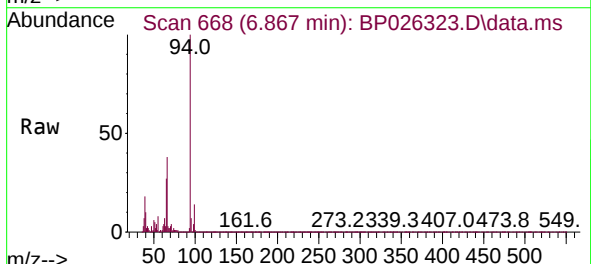
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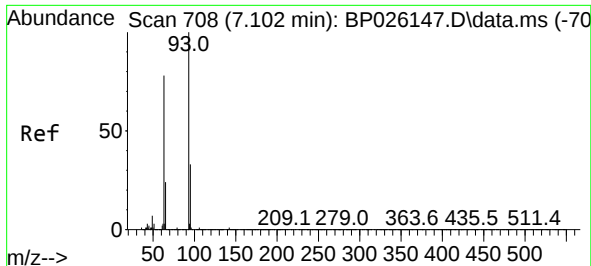
Tgt Ion: 77 Resp: 469776
Ion Ratio Lower Upper
77 100
105 105.0 82.9 122.9
106 97.9 77.8 117.8



#10
Phenol
Concen: 41.722 ng
RT: 6.867 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion: 94 Resp: 917155
Ion Ratio Lower Upper
94 100
65 27.2 7.0 47.0
66 37.9 14.5 54.5

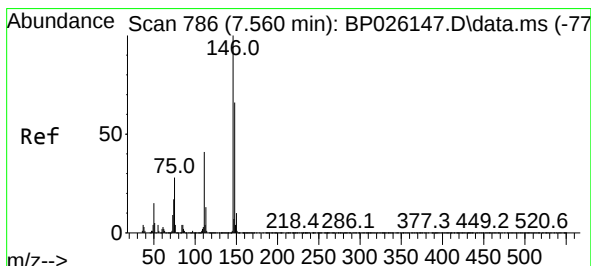
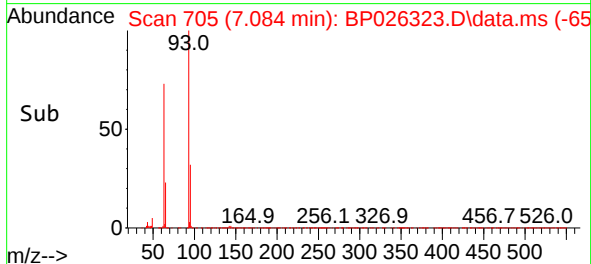
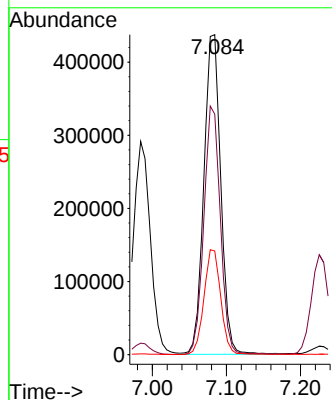
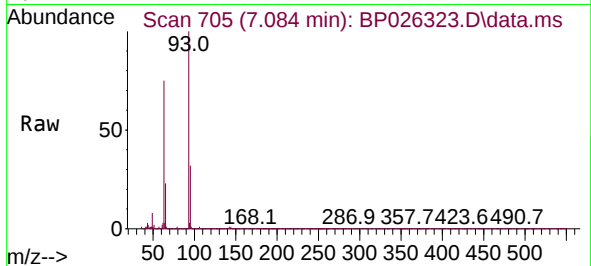




#11
bis(2-Chloroethyl)ether
Concen: 40.149 ng
RT: 7.084 min Scan# 708
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

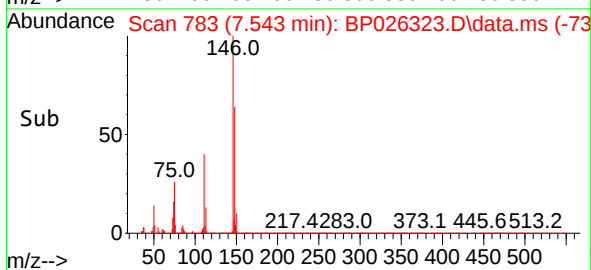
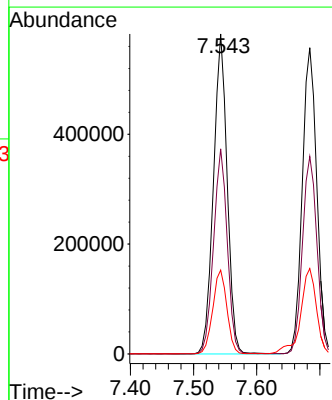
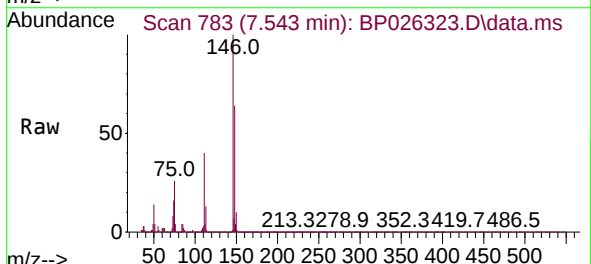
Instrument :
BNA_P
ClientSampleId :
PB170919BS

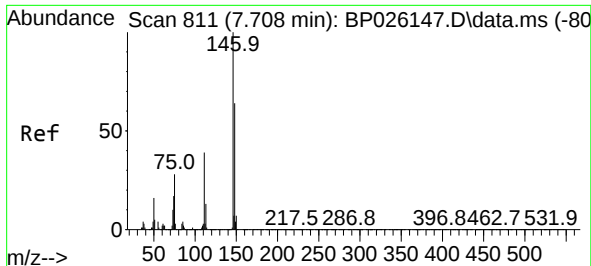
Tgt Ion: 93 Resp: 691959
Ion Ratio Lower Upper
93 100
63 75.1 58.8 98.8
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 44.233 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:146 Resp: 880560
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 26.2 22.2 33.2

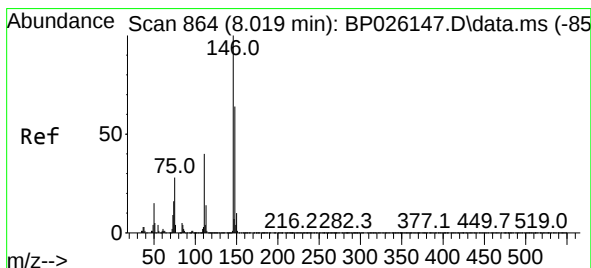
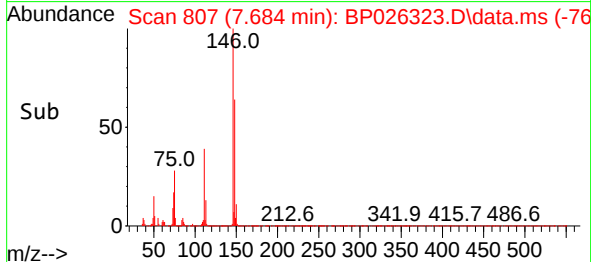
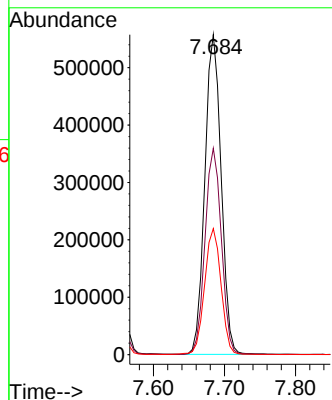
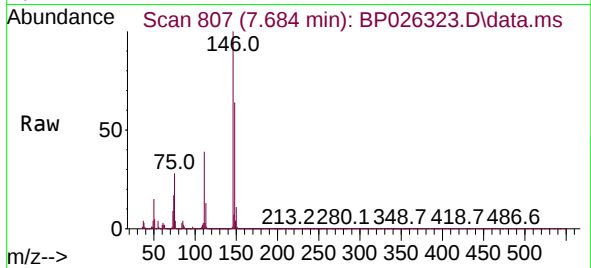




#13
1,4-Dichlorobenzene
Concen: 44.131 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

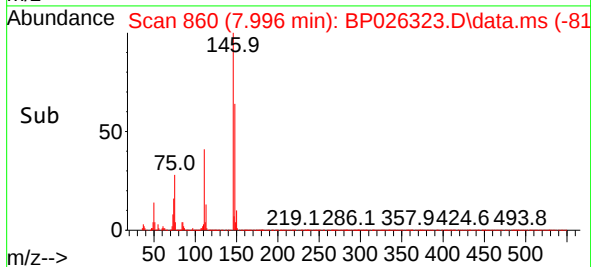
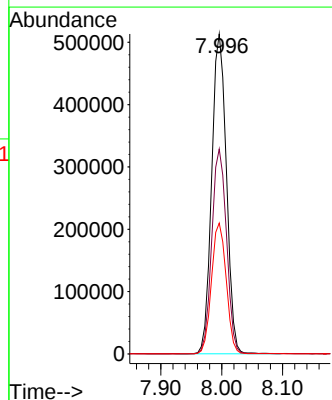
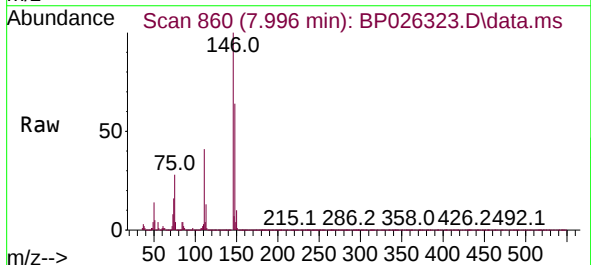
Instrument :
BNA_P
ClientSampleId :
PB170919BS

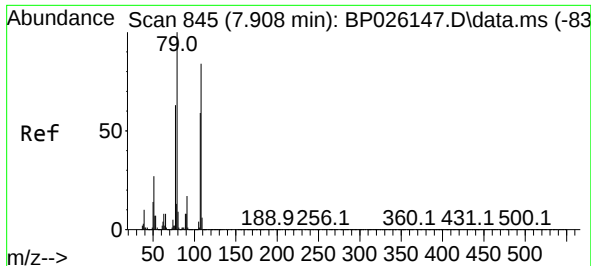
Tgt Ion:146 Resp: 885316
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 39.4 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 44.710 ng
RT: 7.996 min Scan# 860
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:146 Resp: 860952
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 40.9 33.0 49.4

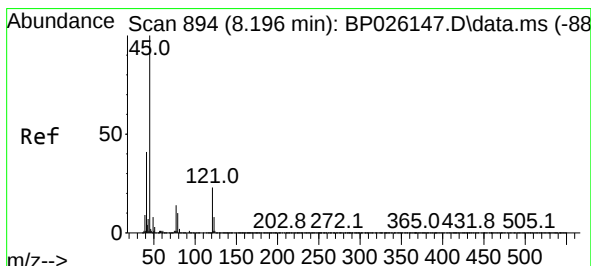
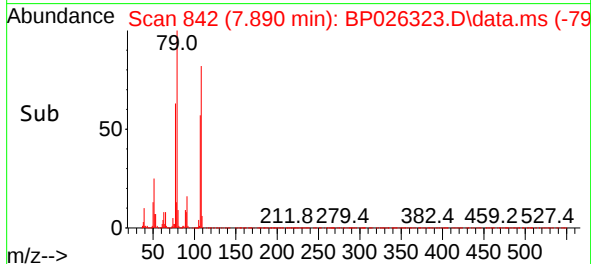
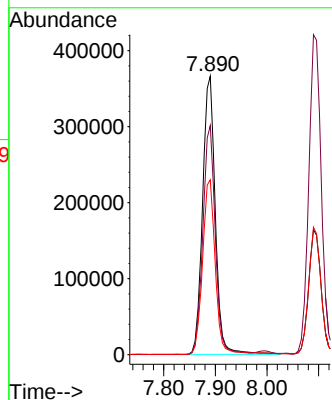
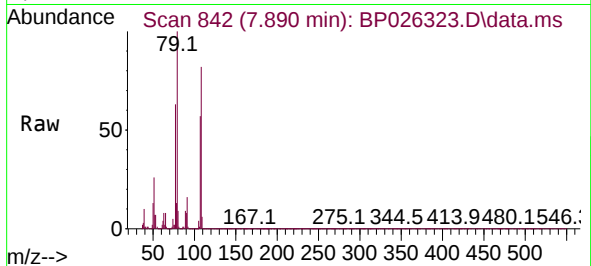




#15
Benzyl Alcohol
Concen: 42.199 ng
RT: 7.890 min Scan# 84
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

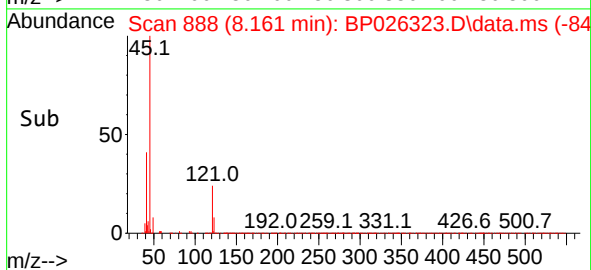
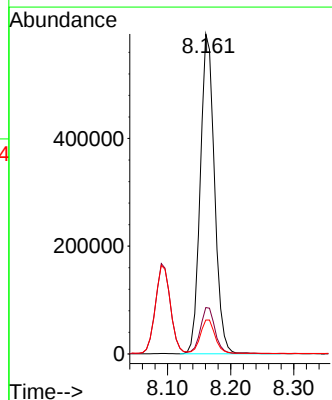
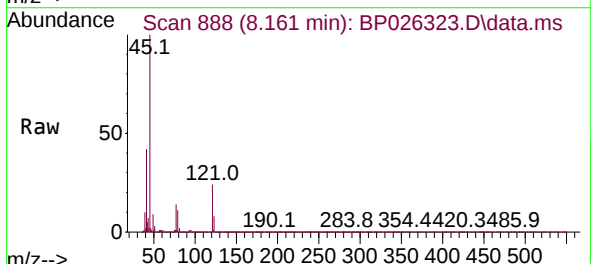
Instrument :
BNA_P
ClientSampleId :
PB170919BS

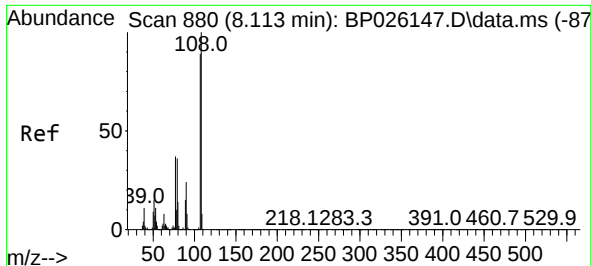
Tgt Ion: 79 Resp: 626897
Ion Ratio Lower Upper
79 100
108 82.2 66.2 99.4
77 62.8 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.618 ng
RT: 8.161 min Scan# 888
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

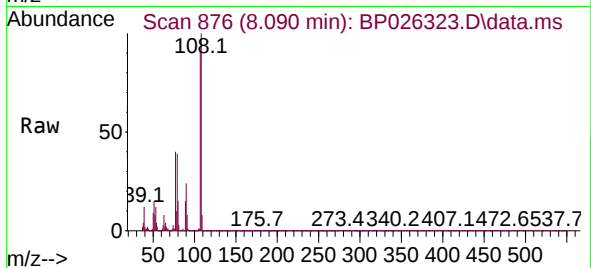
Tgt Ion: 45 Resp: 928953
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 10.6 0.0 30.4



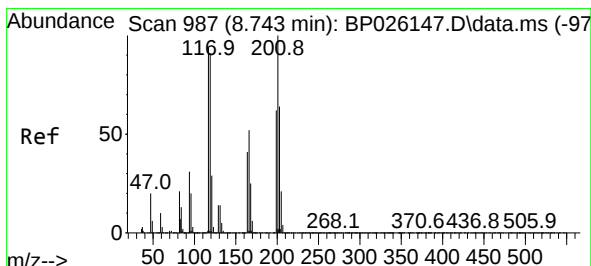
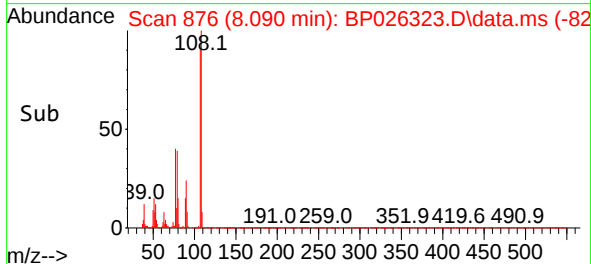
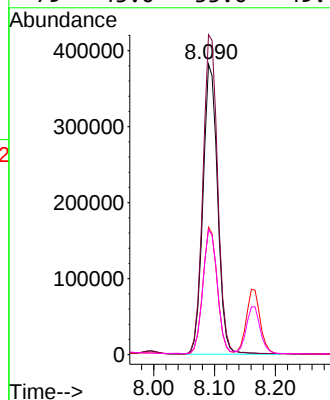


#17
2-Methylphenol
Concen: 42.723 ng
RT: 8.090 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Instrument :
BNA_P
ClientSampleId :
PB170919BS

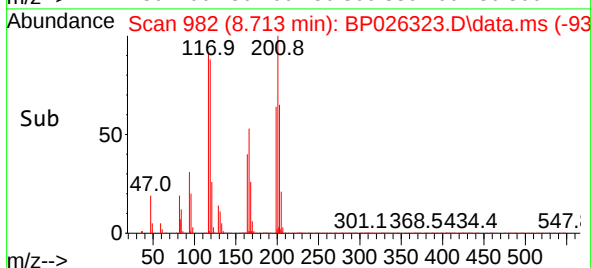
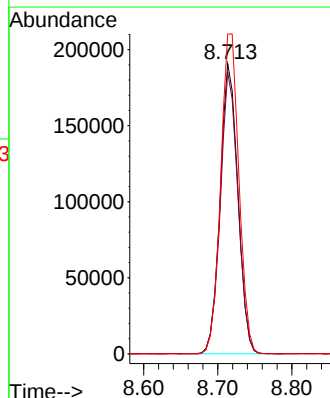
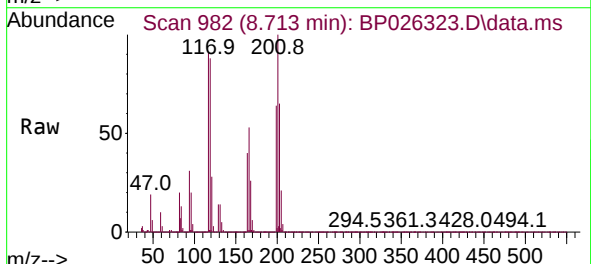


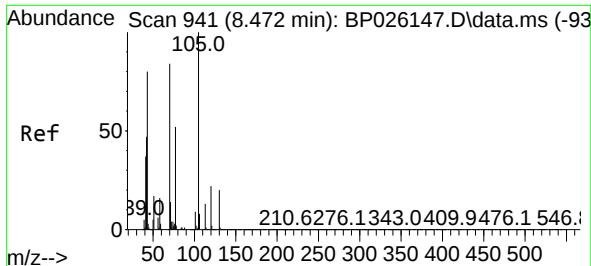
Tgt Ion:	107	Resp:	637410
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.7	134.5
77	43.9	33.9	50.9
79	43.0	33.0	49.4



#18
Hexachloroethane
Concen: 43.414 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:	117	Resp:	316359
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.7	118.1
201	110.2	85.1	127.7

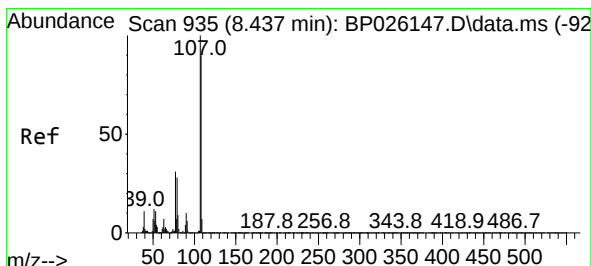
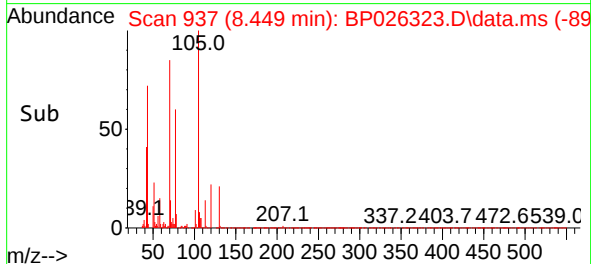
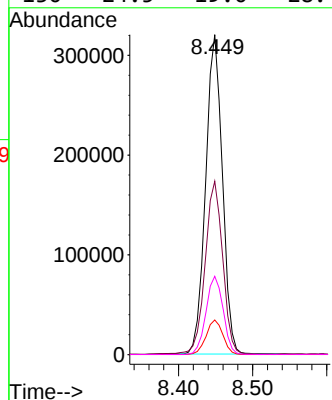
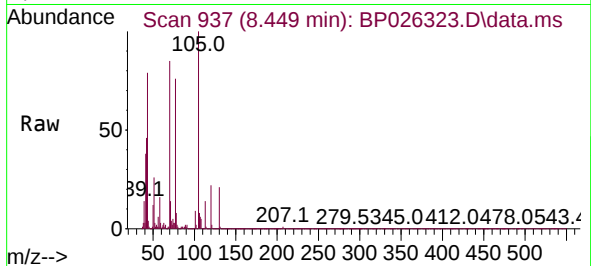




#19
n-Nitroso-di-n-propylamine
Concen: 39.882 ng
RT: 8.449 min Scan# 931
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

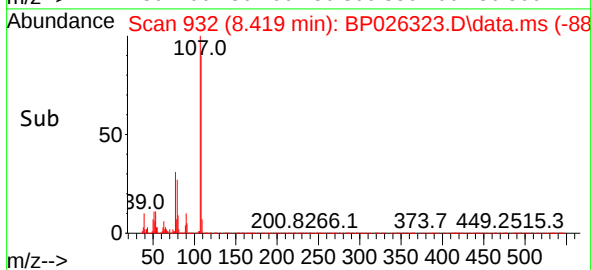
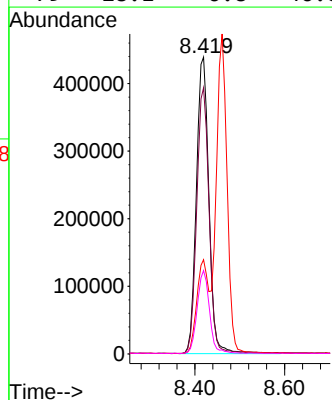
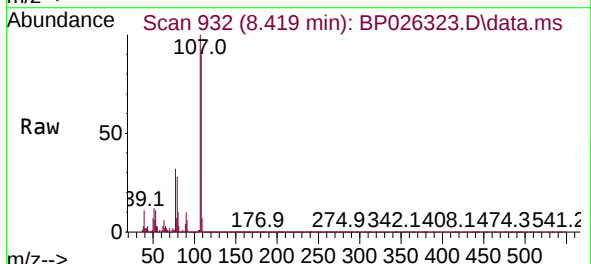
Instrument :
BNA_P
ClientSampleId :
PB170919BS

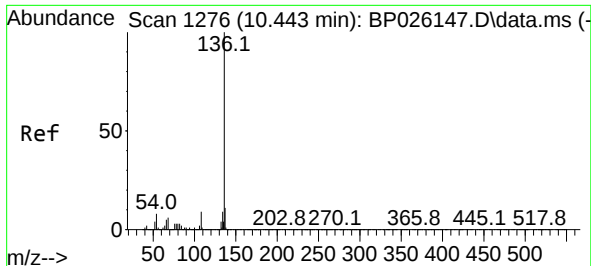
Tgt Ion:	70	Resp:	502402
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.1	66.1
101	10.8	8.2	12.4
130	24.5	19.0	28.4



#20
3+4-Methylphenols
Concen: 41.339 ng
RT: 8.419 min Scan# 932
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:	107	Resp:	851669
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.9	108.9
77	31.7	10.4	50.4
79	28.1	6.8	46.8



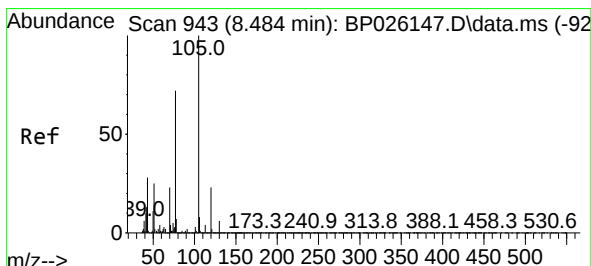
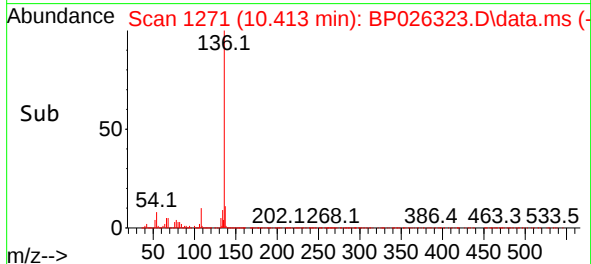
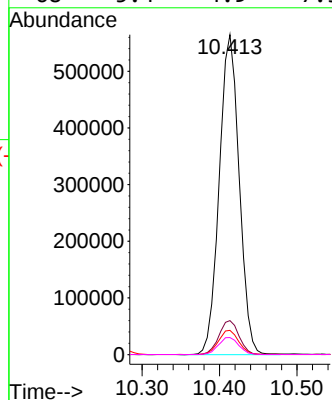
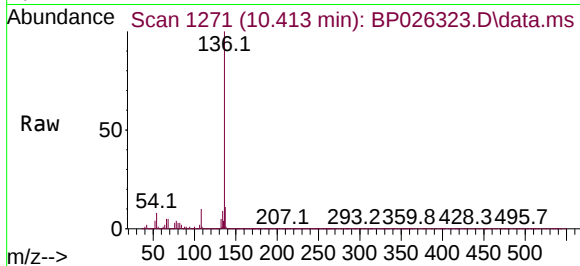


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Instrument :
BNA_P
ClientSampleId :
PB170919BS

Tgt Ion:136 Resp: 1010496

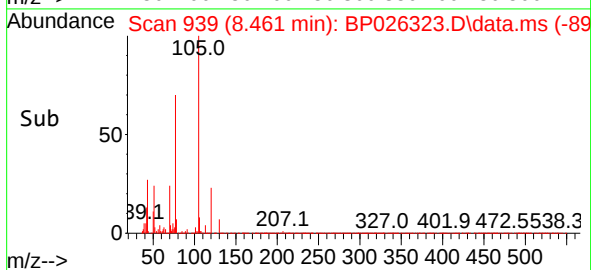
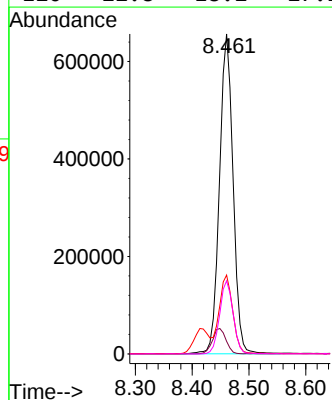
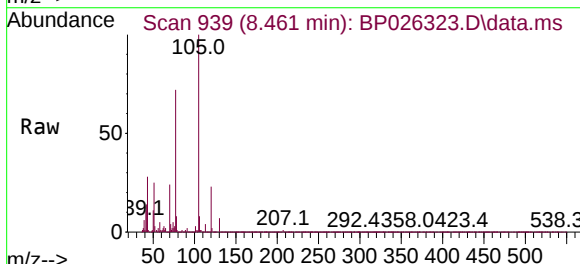
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.6	6.4	9.6
68	5.4	4.9	7.3



#22
Acetophenone
Concen: 42.383 ng
RT: 8.461 min Scan# 939
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:105 Resp: 1086350

Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.0	4.4
51	24.6	20.5	30.7
120	22.8	18.2	27.2

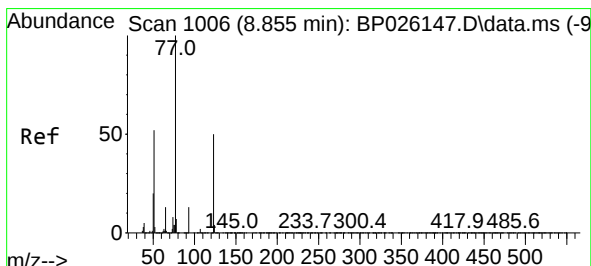
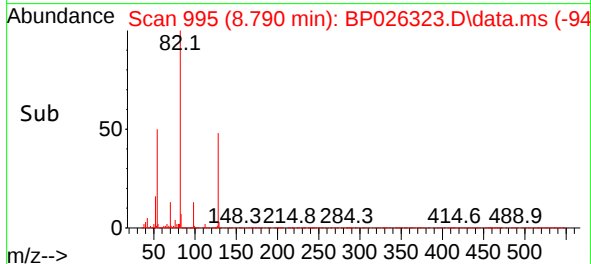
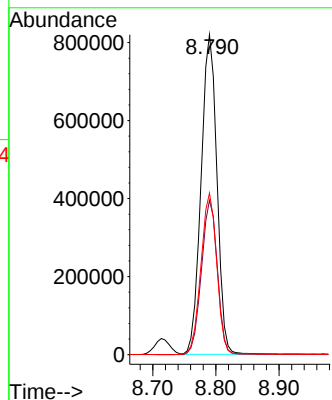
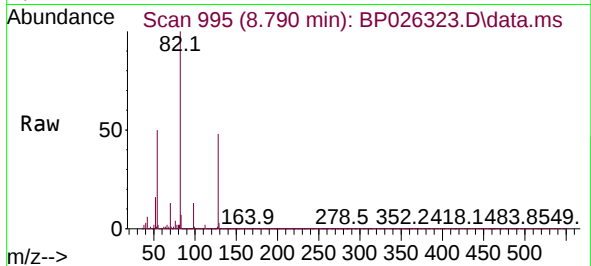




#23
Nitrobenzene-d5
Concen: 80.477 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

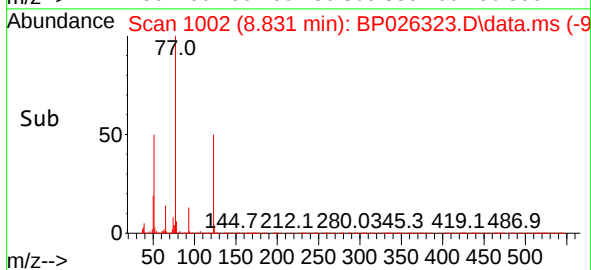
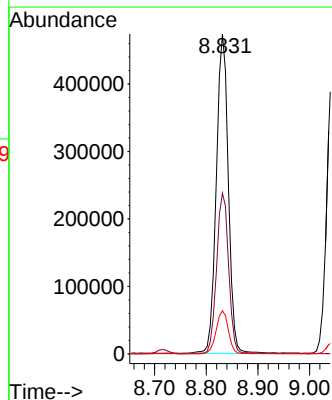
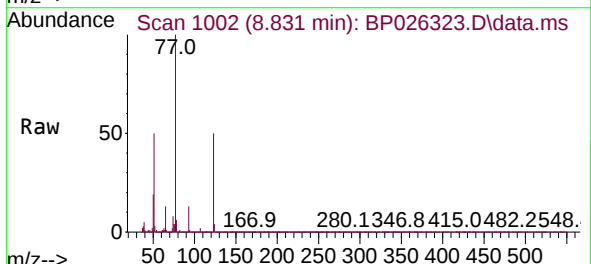
Instrument :
BNA_P
ClientSampleId :
PB170919BS

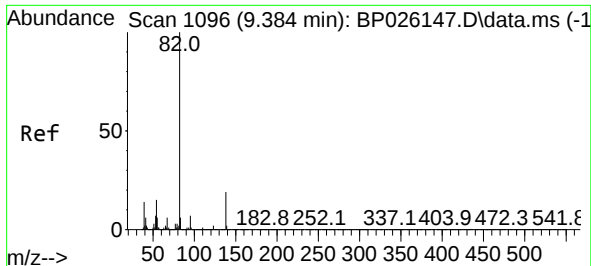
Tgt Ion: 82 Resp: 1428699
Ion Ratio Lower Upper
82 100
128 48.2 37.4 56.0
54 50.5 41.6 62.4



#24
Nitrobenzene
Concen: 42.579 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion: 77 Resp: 764057
Ion Ratio Lower Upper
77 100
123 50.2 39.8 59.8
65 13.5 11.2 16.8

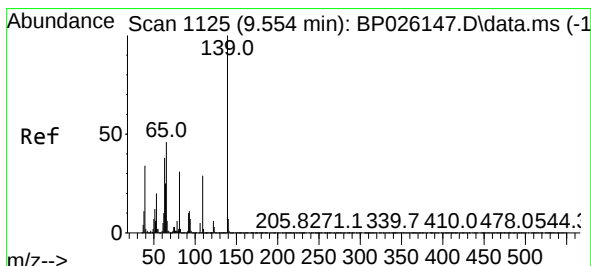
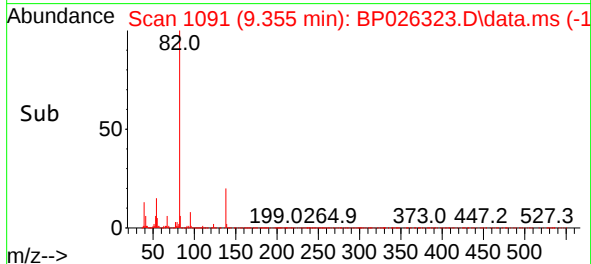
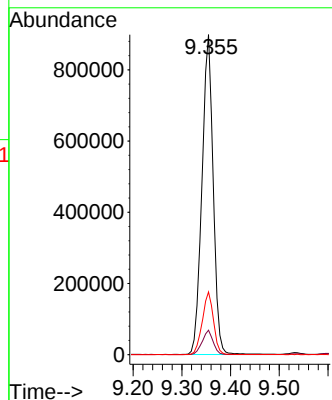
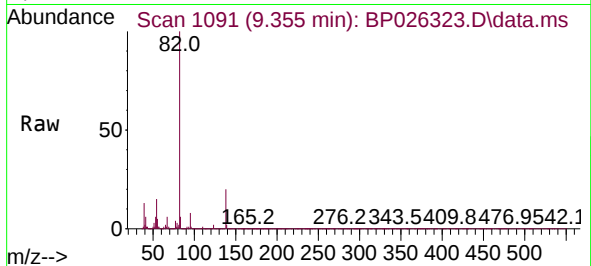




#25
Isophorone
Concen: 41.168 ng
RT: 9.355 min Scan# 1096
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

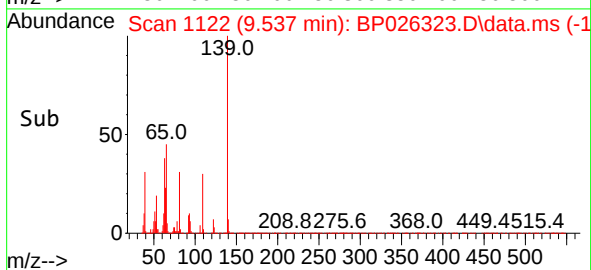
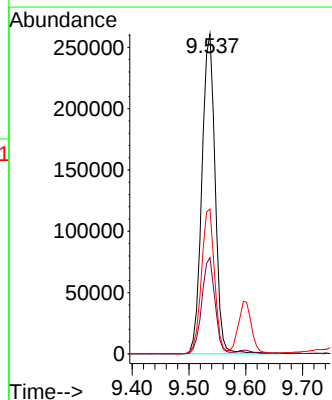
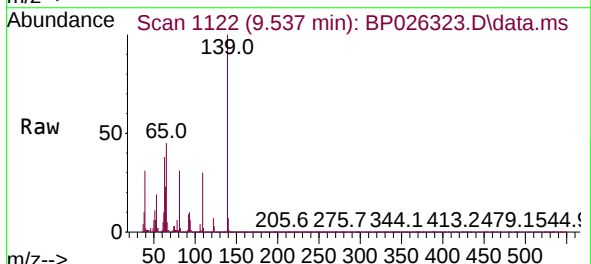
Instrument :
BNA_P
ClientSampleId :
PB170919BS

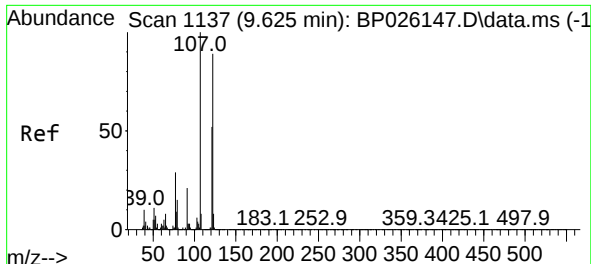
Tgt Ion: 82 Resp: 1433865
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.0
138 19.6 15.4 23.0



#26
2-Nitrophenol
Concen: 46.579 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion: 139 Resp: 422603
Ion Ratio Lower Upper
139 100
109 30.1 22.3 33.5
65 45.3 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 43.897 ng

RT: 9.602 min Scan# 1133

Delta R.T. -0.023 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

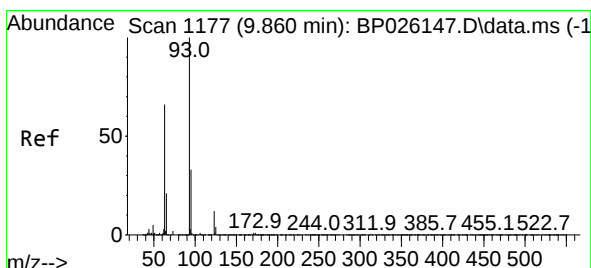
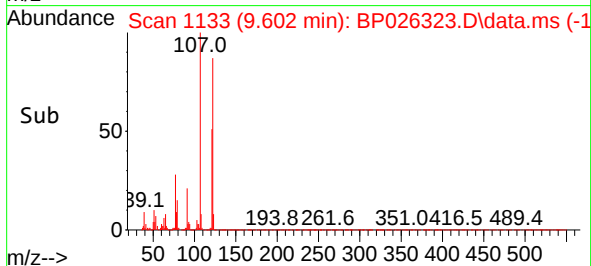
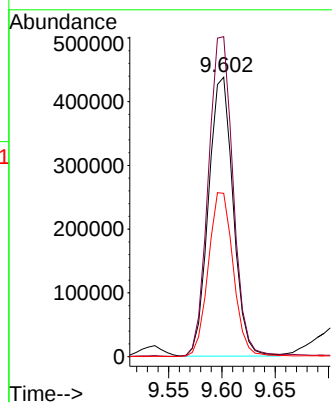
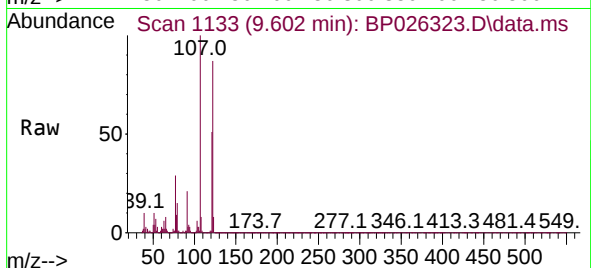
Tgt Ion:122 Resp: 704910

Ion Ratio Lower Upper

122 100

107 114.5 91.0 136.6

121 58.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.092 ng

RT: 9.831 min Scan# 1172

Delta R.T. -0.029 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

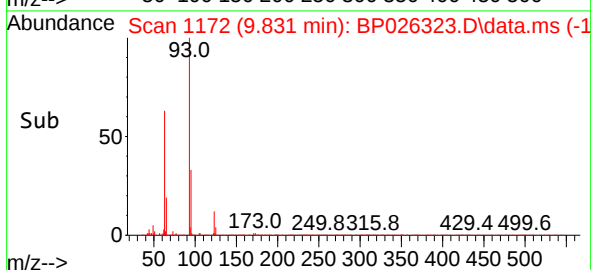
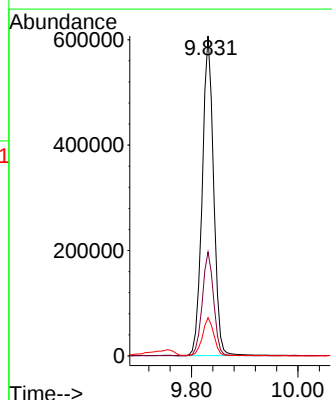
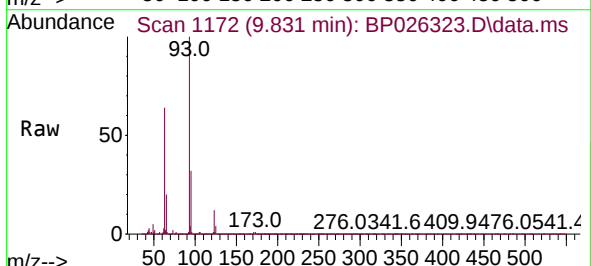
Tgt Ion: 93 Resp: 899449

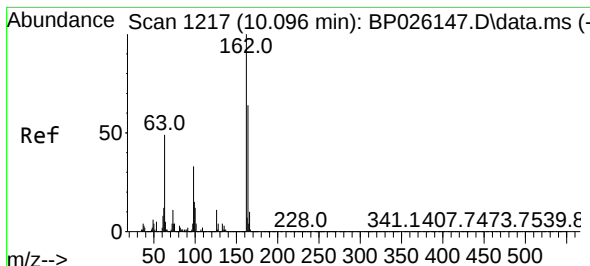
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.312 ng

RT: 10.072 min Scan# 11

Delta R.T. -0.023 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

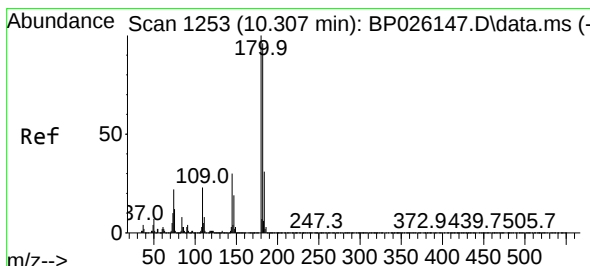
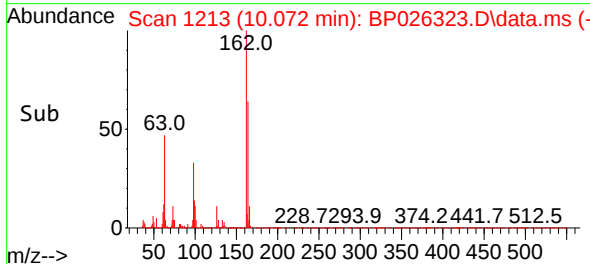
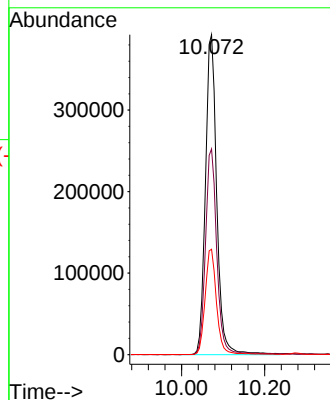
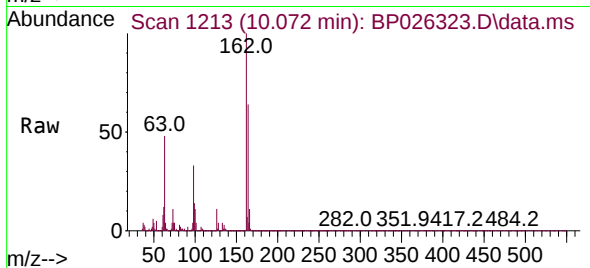
Tgt Ion:162 Resp: 741540

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

98 33.0 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 47.384 ng

RT: 10.272 min Scan# 1247

Delta R.T. -0.035 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

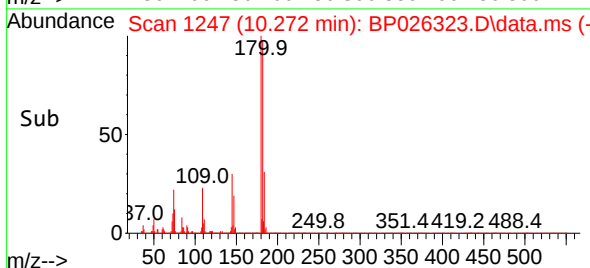
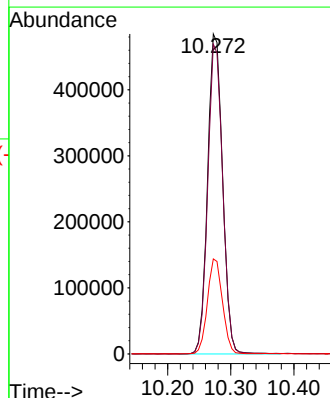
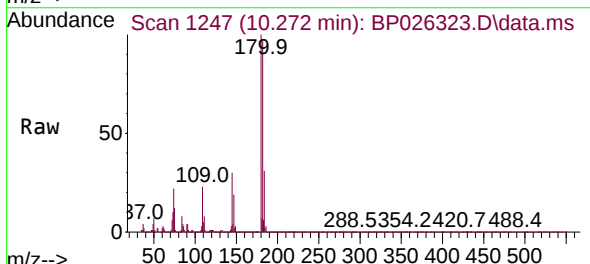
Tgt Ion:180 Resp: 797116

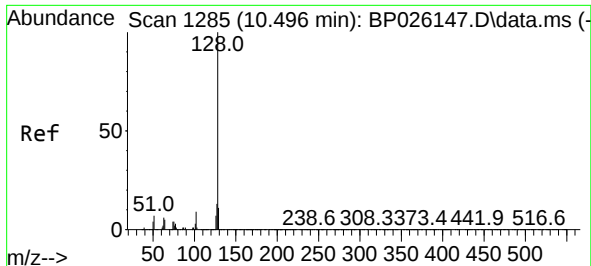
Ion Ratio Lower Upper

180 100

182 96.8 78.1 117.1

145 29.7 24.2 36.4

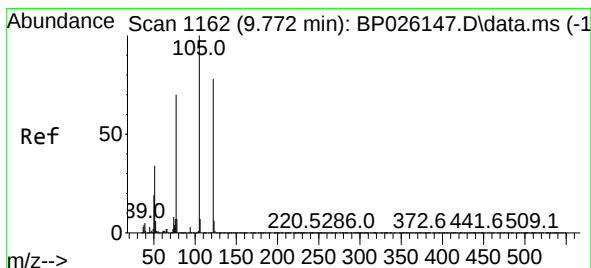
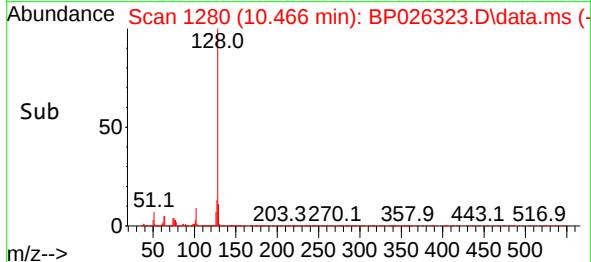
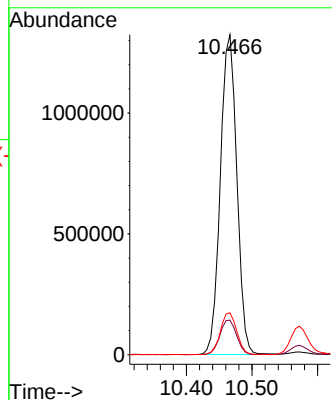
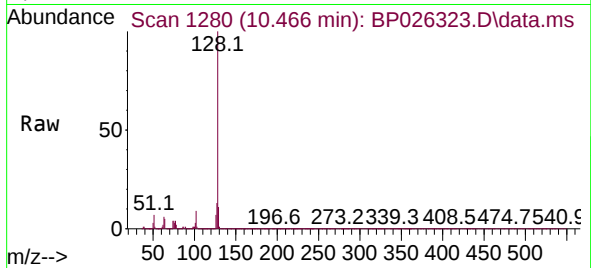




#31
Naphthalene
Concen: 42.472 ng
RT: 10.466 min Scan# 1160
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

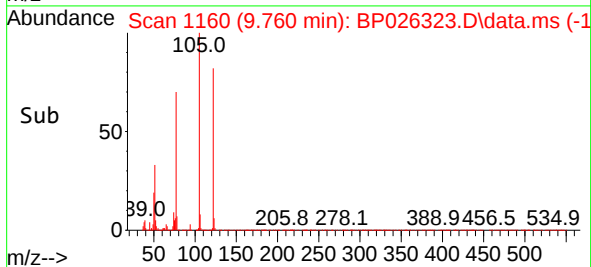
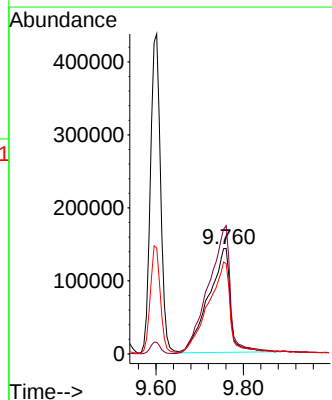
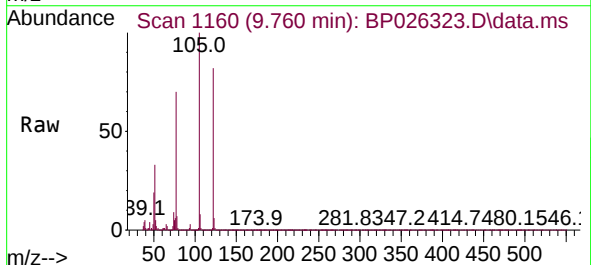
Instrument :
BNA_P
ClientSampleId :
PB170919BS

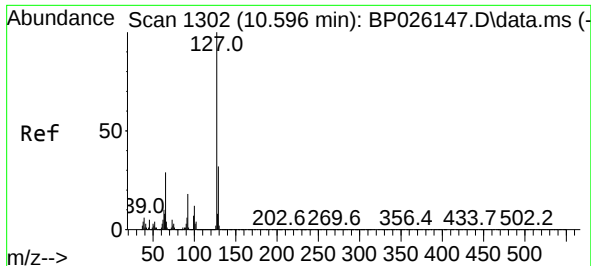
Tgt Ion:128 Resp: 2320266
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 38.464 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:122 Resp: 494796
Ion Ratio Lower Upper
122 100
105 121.6 100.1 140.1
77 85.6 66.7 106.7

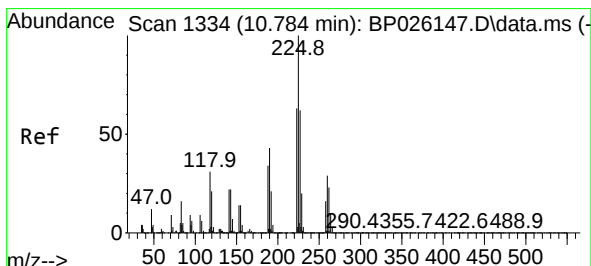
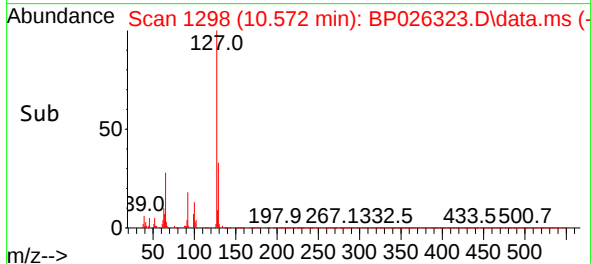
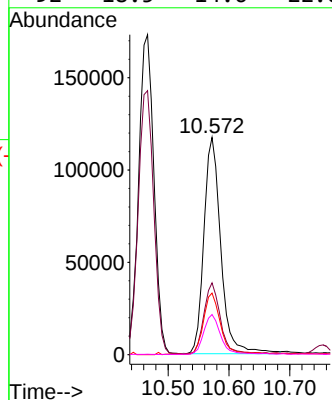
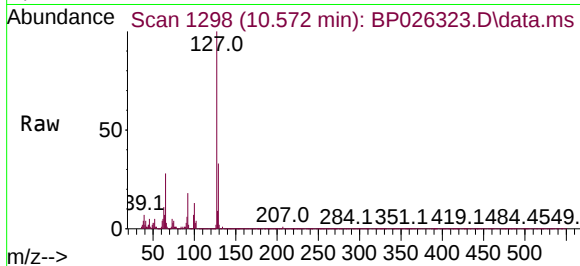




#33
4-Chloroaniline
Concen: 9.922 ng
RT: 10.572 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

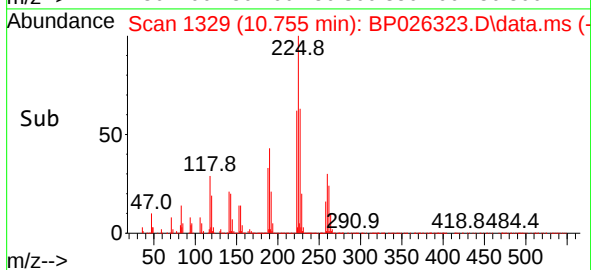
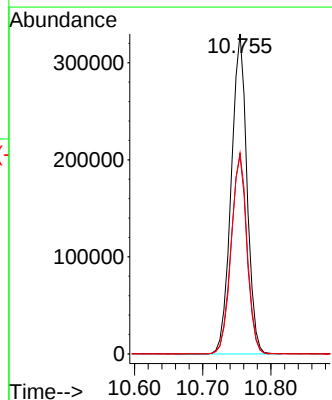
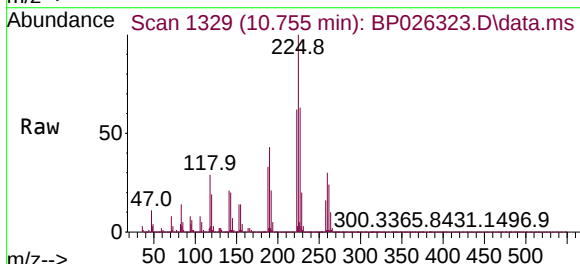
Instrument :
BNA_P
ClientSampleId :
PB170919BS

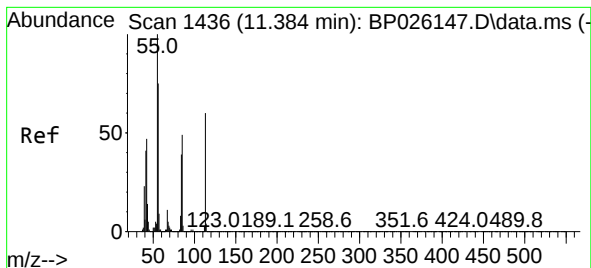
Tgt Ion:	127	Resp:	227087
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	28.3	22.7	34.1
92	18.5	14.6	22.0



#34
Hexachlorobutadiene
Concen: 47.962 ng
RT: 10.755 min Scan# 1329
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:	225	Resp:	526801
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	62.8	51.2	76.8





#35

Caprolactam

Concen: 39.325 ng

RT: 11.360 min Scan# 1436

Delta R.T. -0.023 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

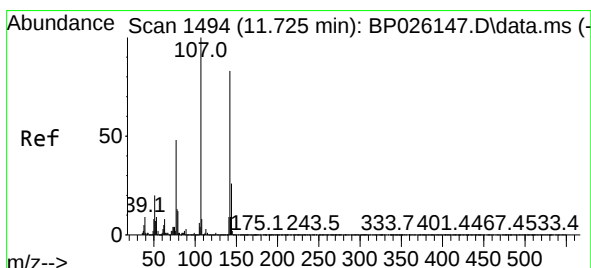
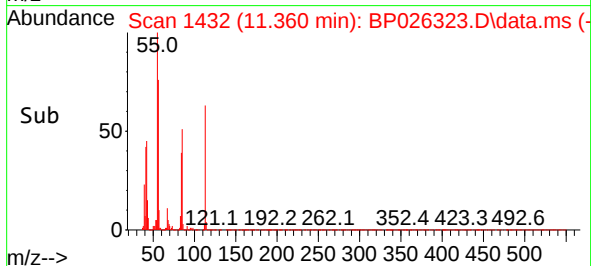
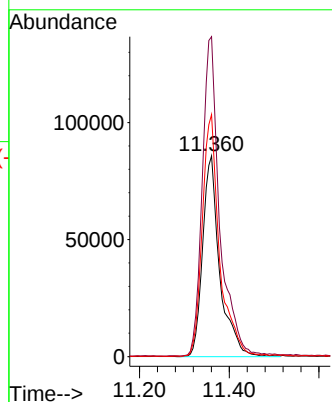
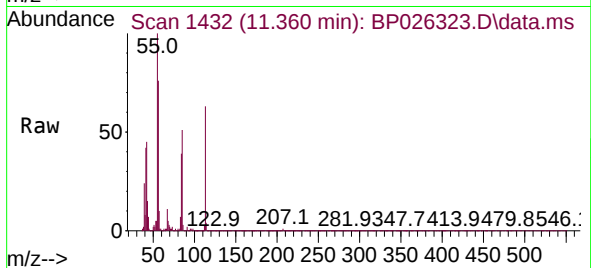
Tgt Ion:113 Resp: 227256

Ion Ratio Lower Upper

113 100

55 159.4 153.0 193.0

56 120.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 42.701 ng

RT: 11.713 min Scan# 1492

Delta R.T. -0.012 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

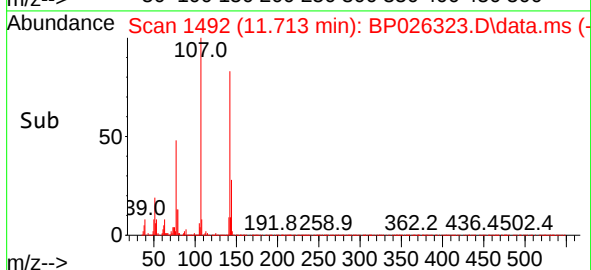
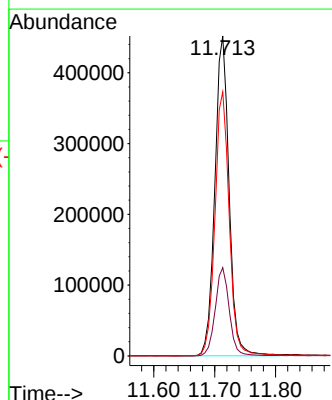
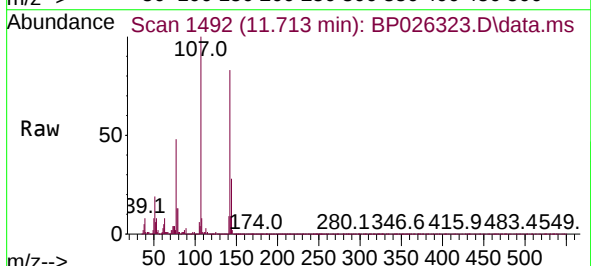
Tgt Ion:107 Resp: 735274

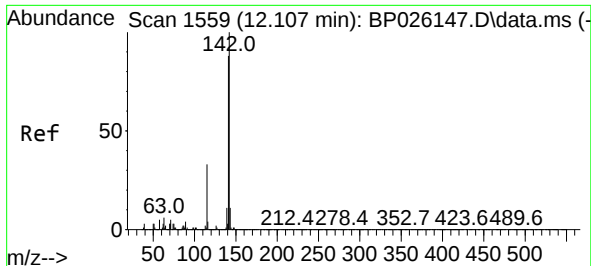
Ion Ratio Lower Upper

107 100

144 27.6 21.6 32.4

142 82.5 65.6 98.4

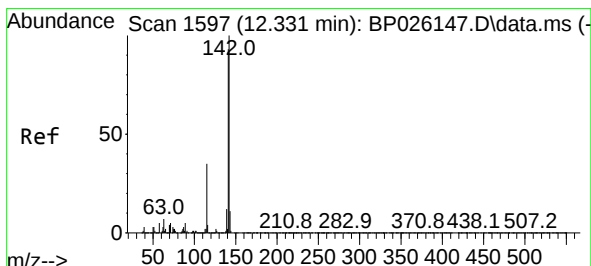
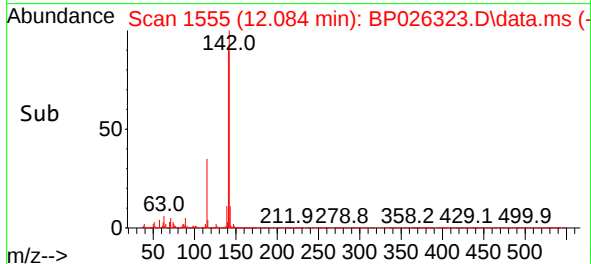
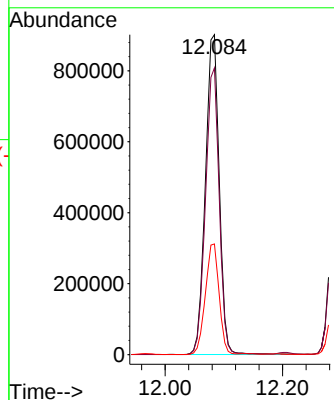
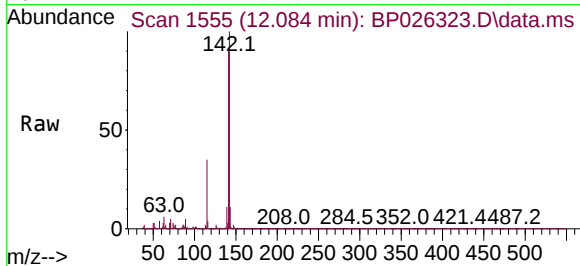




#37
2-Methylnaphthalene
Concen: 38.291 ng
RT: 12.084 min Scan# 1559
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

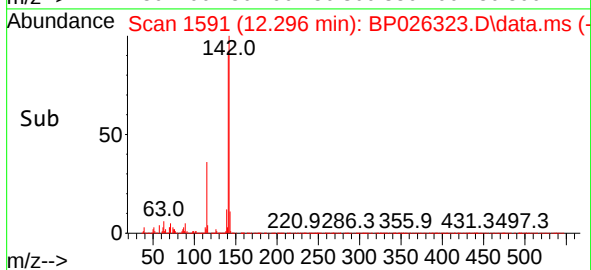
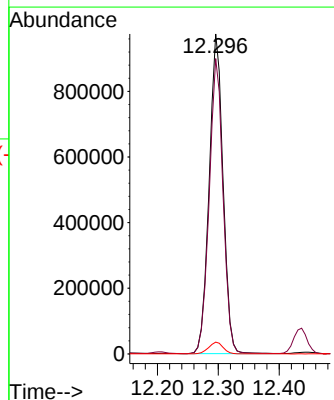
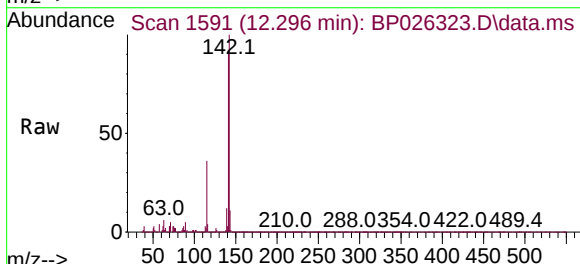
Instrument :
BNA_P
ClientSampleId :
PB170919BS

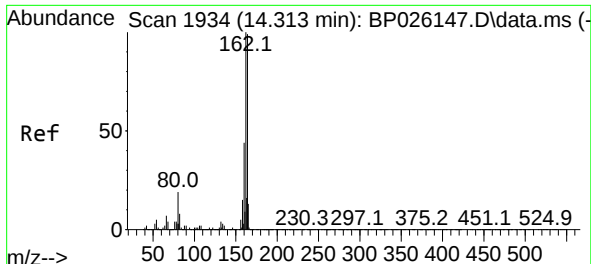
Tgt Ion:142 Resp: 1474274
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6
115 34.6 26.6 39.8



#38
1-Methylnaphthalene
Concen: 40.902 ng
RT: 12.296 min Scan# 1591
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:142 Resp: 1538546
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3
116 3.7 3.0 4.4

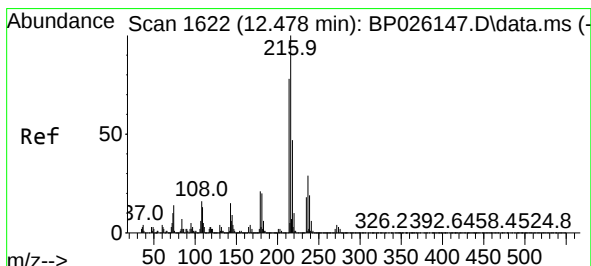
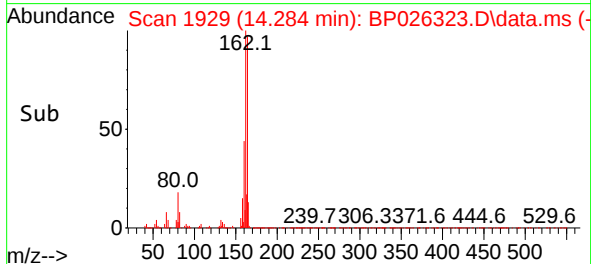
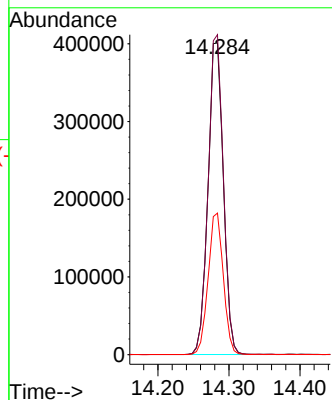
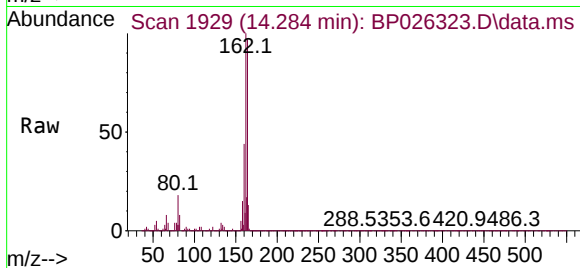




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1934
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

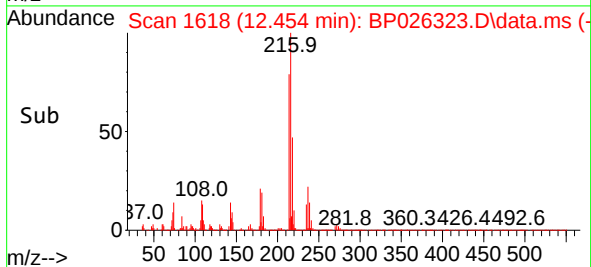
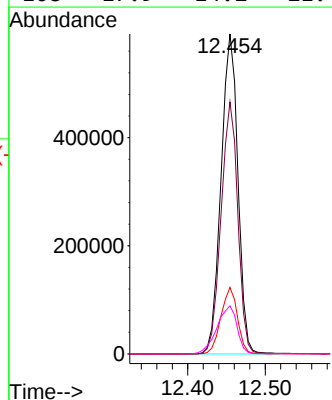
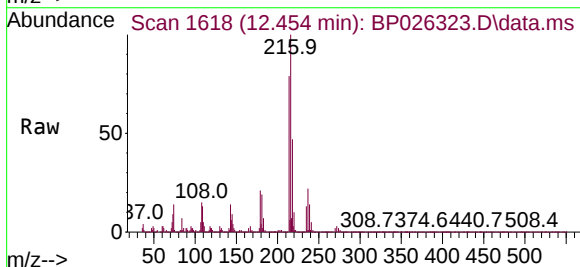
Instrument :
BNA_P
ClientSampleId :
PB170919BS

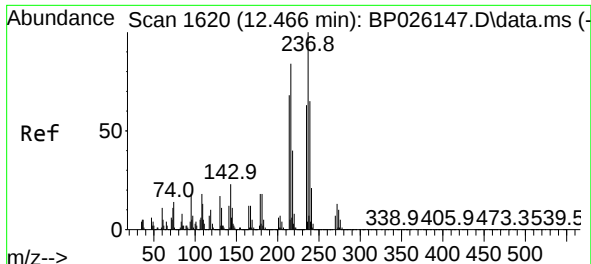
Tgt Ion:164 Resp: 602119
Ion Ratio Lower Upper
164 100
162 102.7 80.3 120.5
160 45.4 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.728 ng
RT: 12.454 min Scan# 1618
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:216 Resp: 895648
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 20.4 16.6 25.0
108 17.9 14.2 21.4

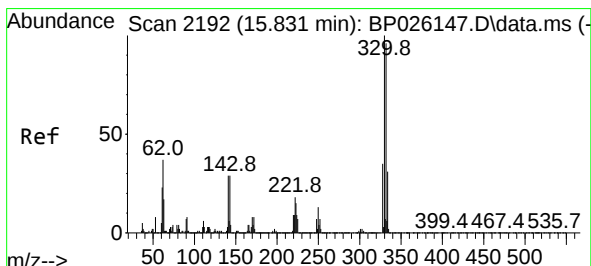
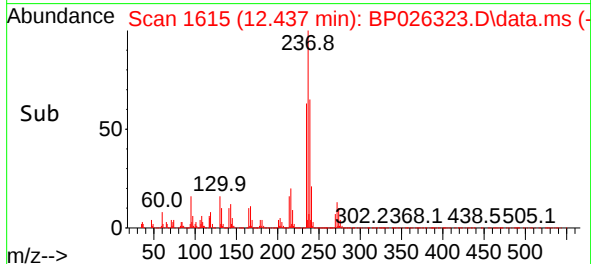
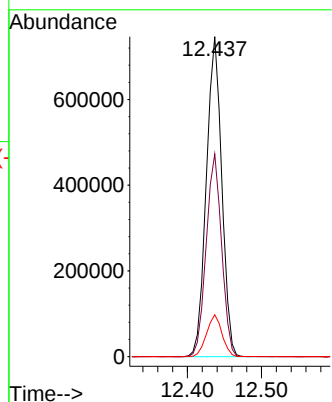
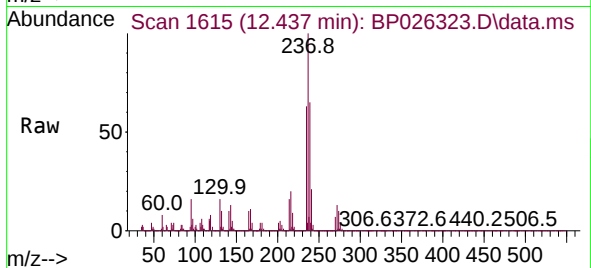




#41
Hexachlorocyclopentadiene
Concen: 94.083 ng
RT: 12.437 min Scan# 10
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

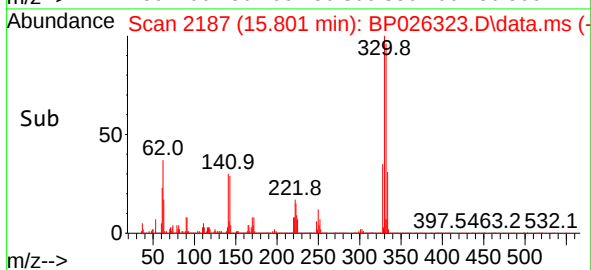
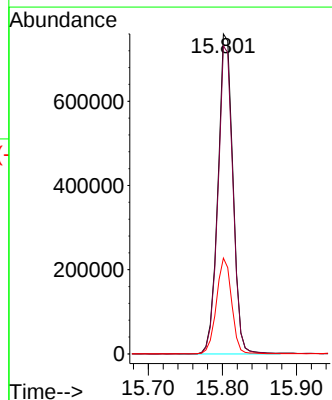
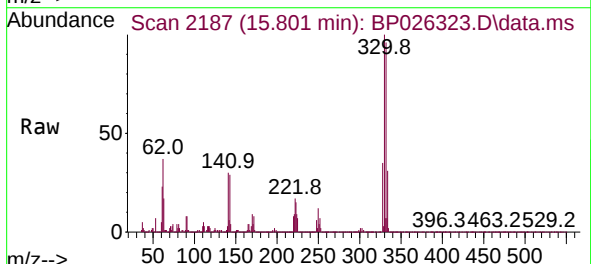
Instrument :
BNA_P
ClientSampleId :
PB170919BS

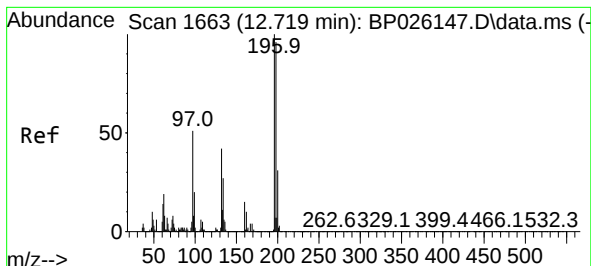
Tgt Ion:237 Resp: 1078698
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 136.424 ng
RT: 15.801 min Scan# 2187
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:330 Resp: 1068246
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 30.3 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 47.851 ng

RT: 12.701 min Scan# 1660

Delta R.T. -0.018 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

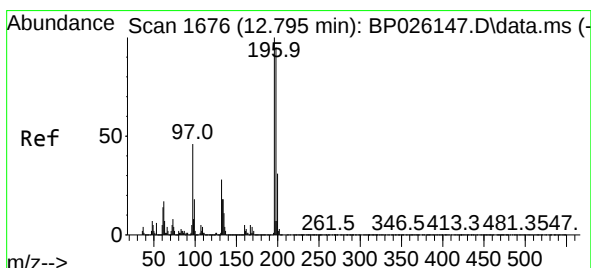
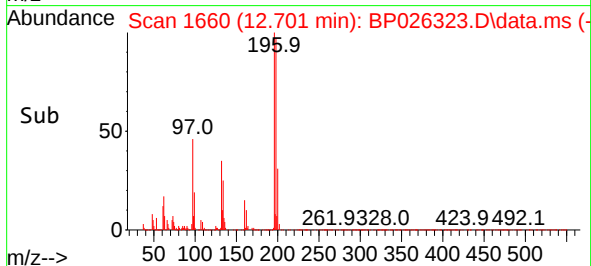
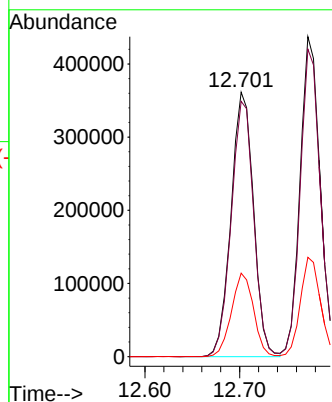
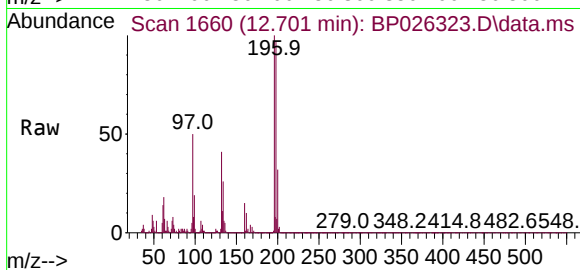
Tgt Ion:196 Resp: 597738

Ion Ratio Lower Upper

196 100

198 96.6 76.9 115.3

200 31.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 46.870 ng

RT: 12.772 min Scan# 1672

Delta R.T. -0.023 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Tgt Ion:196 Resp: 652083

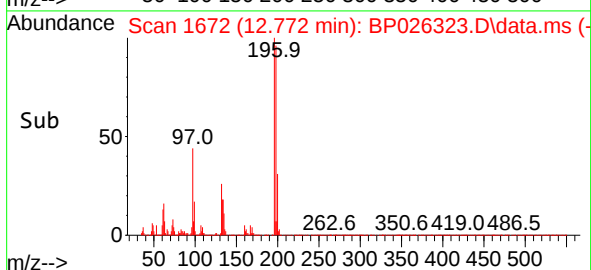
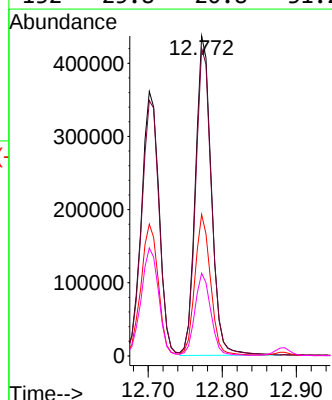
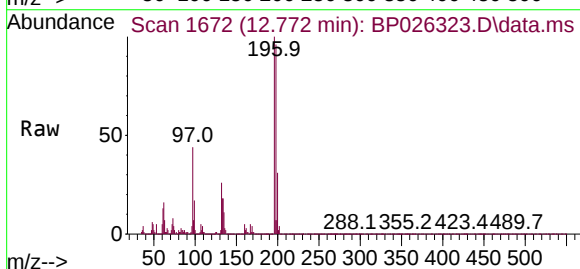
Ion Ratio Lower Upper

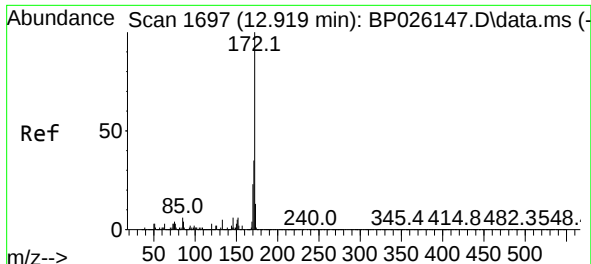
196 100

198 96.1 76.4 114.6

97 44.2 35.7 53.5

132 25.8 20.8 31.2

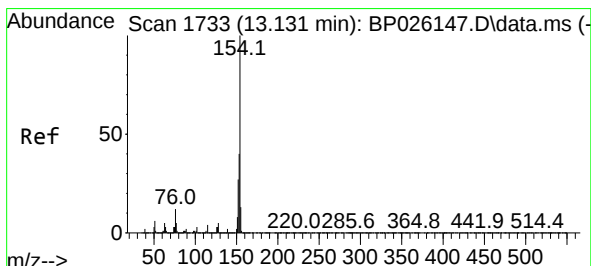
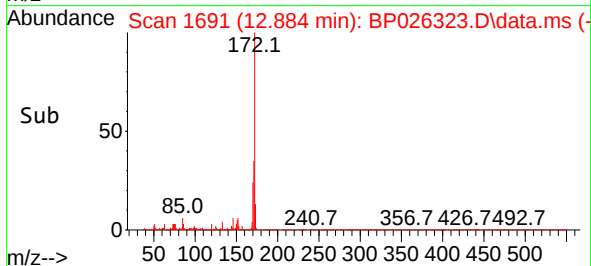
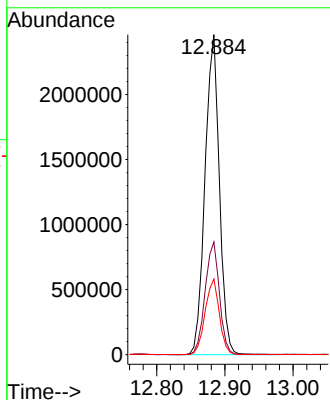
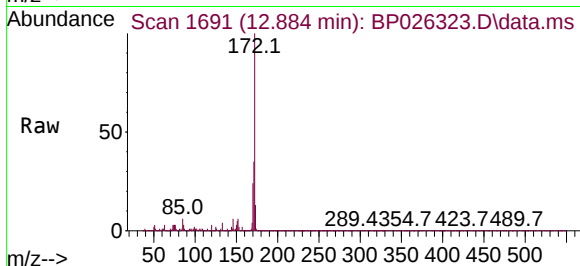




#45
2-Fluorobiphenyl
Concen: 86.794 ng
RT: 12.884 min Scan# 1697
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

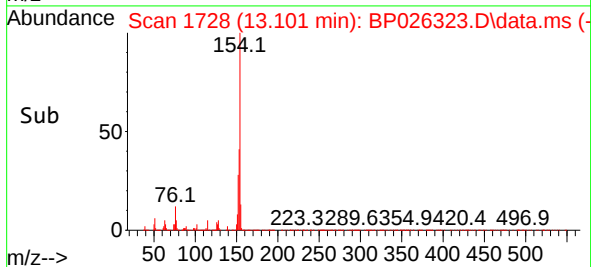
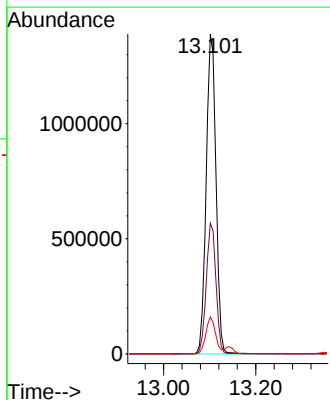
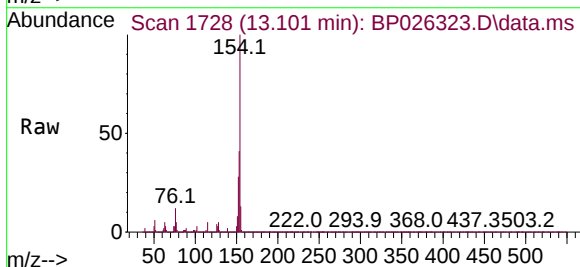
Instrument :
BNA_P
ClientSampleId :
PB170919BS

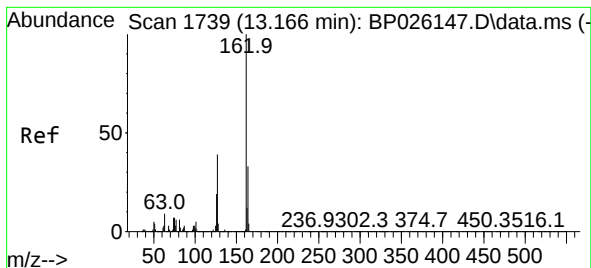
Tgt Ion:172 Resp: 3594546
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 44.811 ng
RT: 13.101 min Scan# 1728
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:154 Resp: 2037369
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 11.6 0.0 32.3





#47

2-Chloronaphthalene

Concen: 44.162 ng

RT: 13.143 min Scan# 1739

Delta R.T. -0.023 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

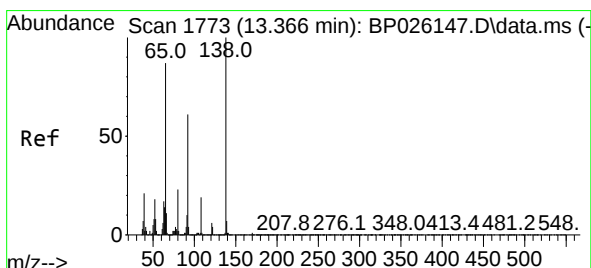
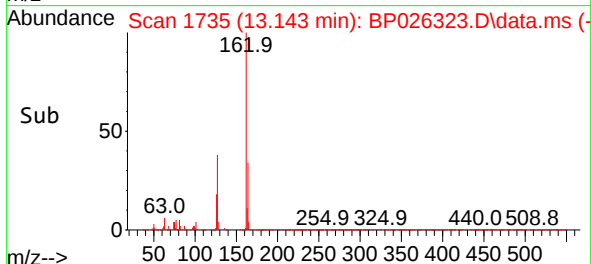
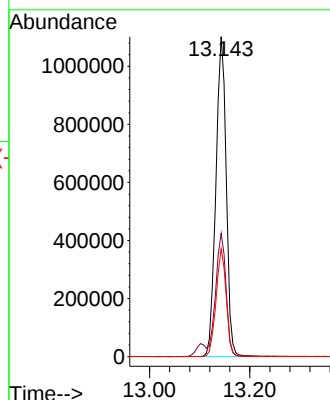
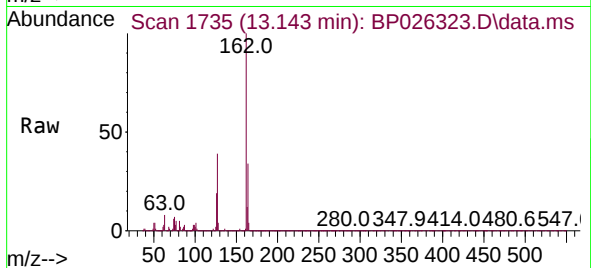
Tgt Ion:162 Resp: 1581915

Ion Ratio Lower Upper

162 100

127 38.5 30.9 46.3

164 33.7 26.4 39.6



#48

2-Nitroaniline

Concen: 43.727 ng

RT: 13.349 min Scan# 1770

Delta R.T. -0.018 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

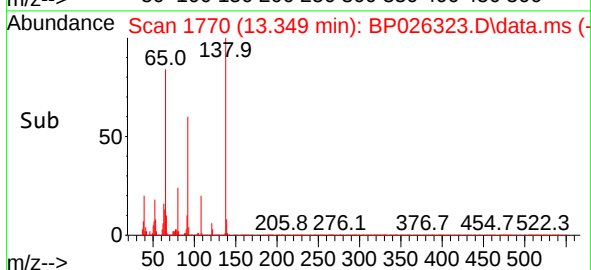
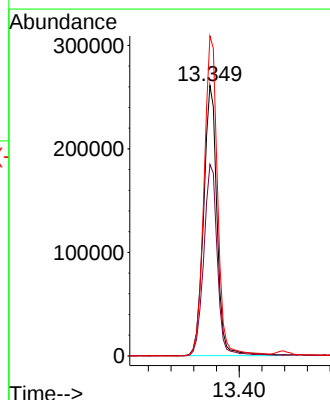
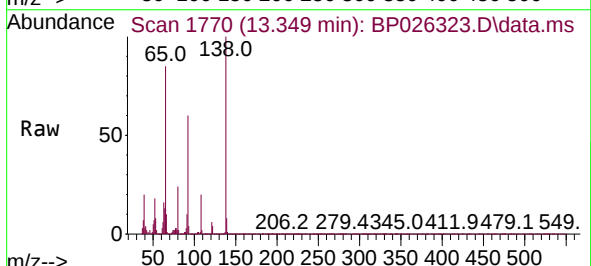
Tgt Ion: 65 Resp: 429013

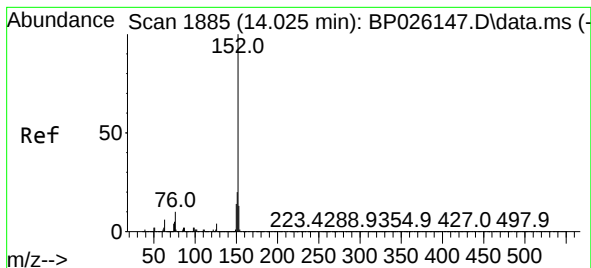
Ion Ratio Lower Upper

65 100

92 70.8 59.1 88.7

138 118.3 96.6 145.0





#49

Acenaphthylene

Concen: 45.426 ng

RT: 14.001 min Scan# 1881

Delta R.T. -0.023 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

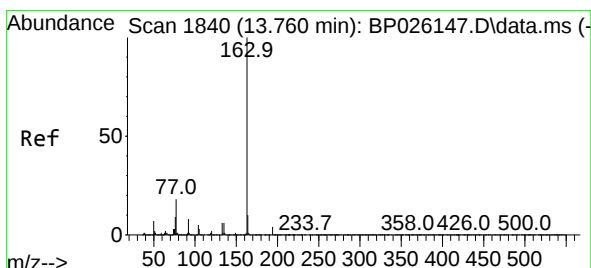
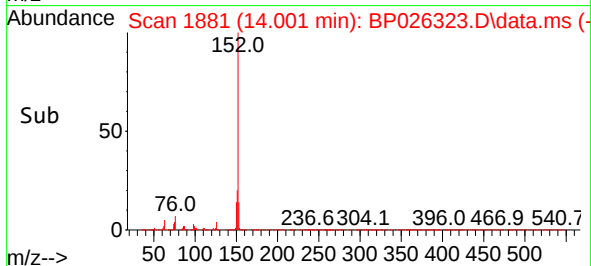
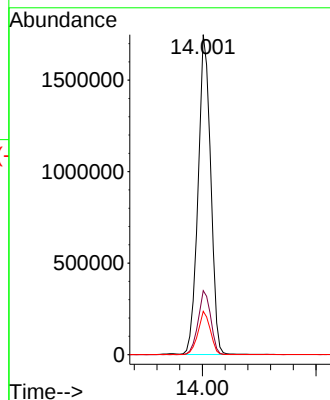
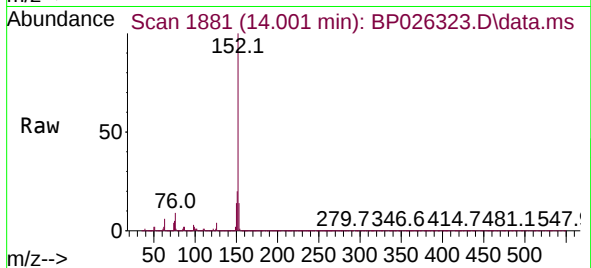
Tgt Ion:152 Resp: 2670289

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 44.525 ng

RT: 13.743 min Scan# 1837

Delta R.T. -0.018 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

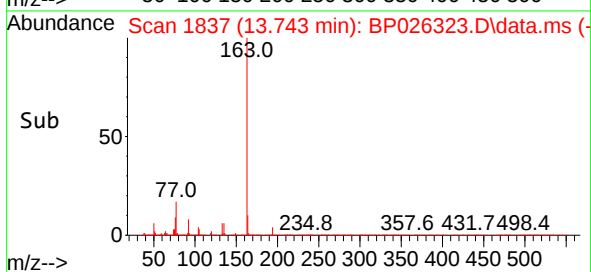
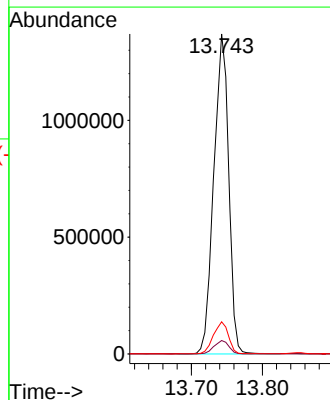
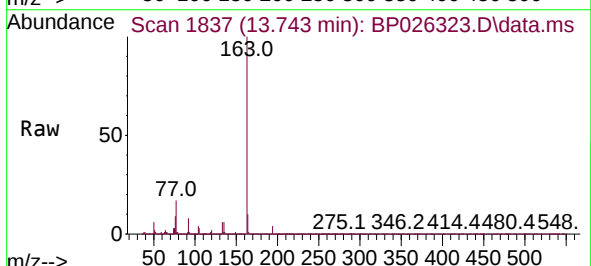
Tgt Ion:163 Resp: 1997623

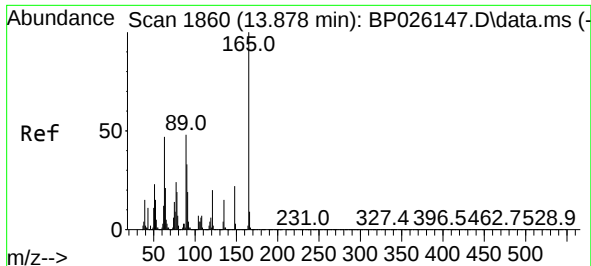
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.2 12.2

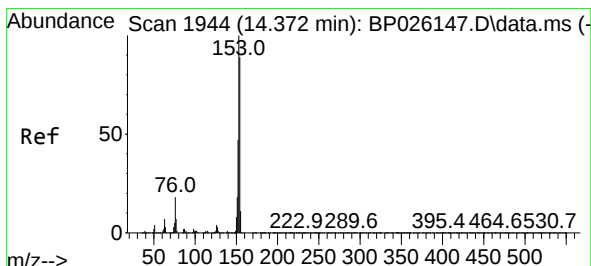
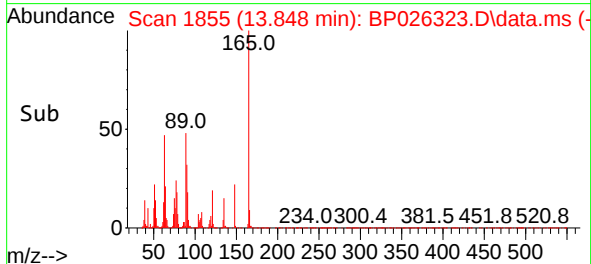
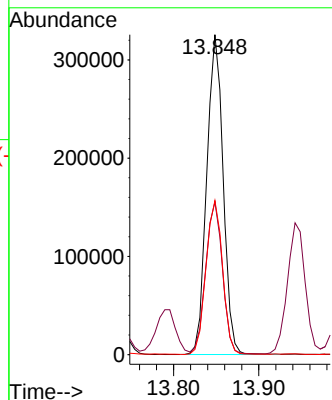
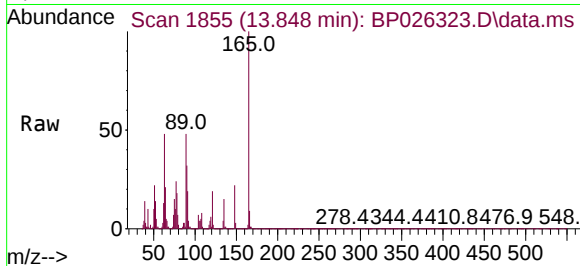




#51
2,6-Dinitrotoluene
Concen: 49.097 ng
RT: 13.848 min Scan# 1860
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

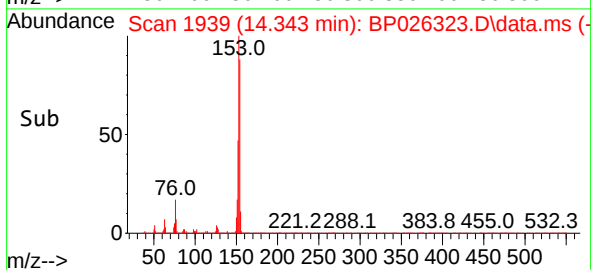
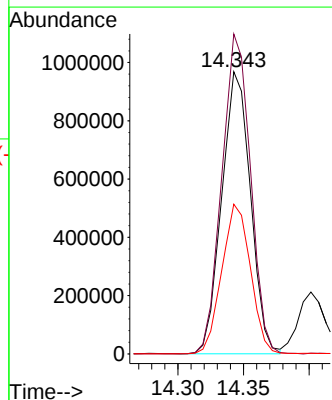
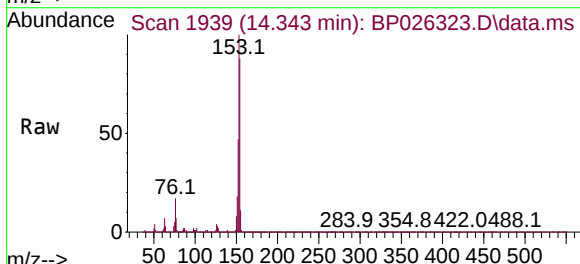
Instrument :
BNA_P
ClientSampleId :
PB170919BS

Tgt Ion:165 Resp: 435307
Ion Ratio Lower Upper
165 100
63 47.7 40.5 60.7
89 48.1 41.3 61.9



#52
Acenaphthene
Concen: 43.032 ng
RT: 14.343 min Scan# 1939
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:154 Resp: 1479092
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 53.1 42.8 64.2

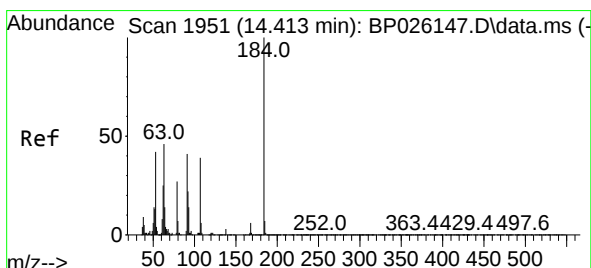
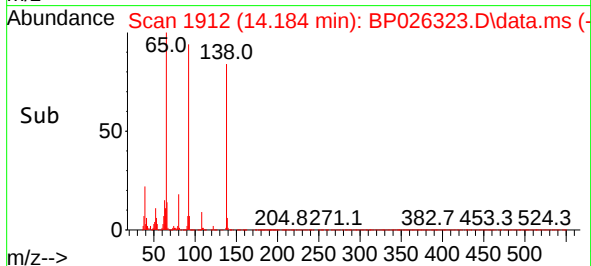
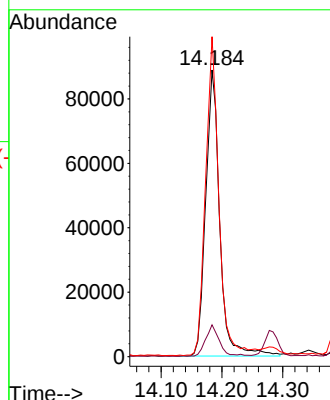
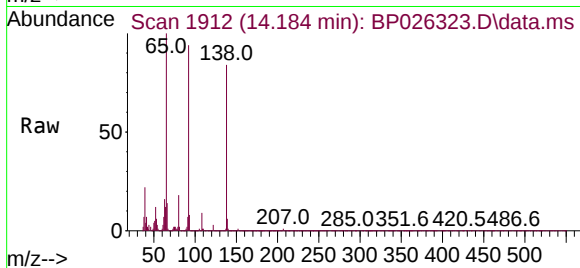




#53
3-Nitroaniline
Concen: 13.691 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

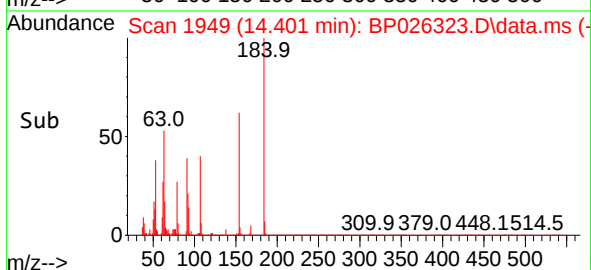
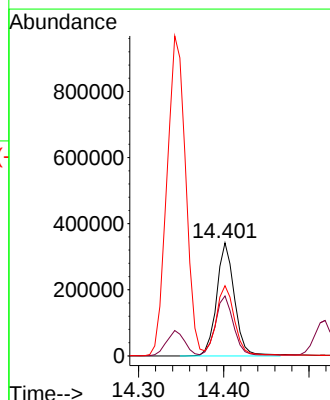
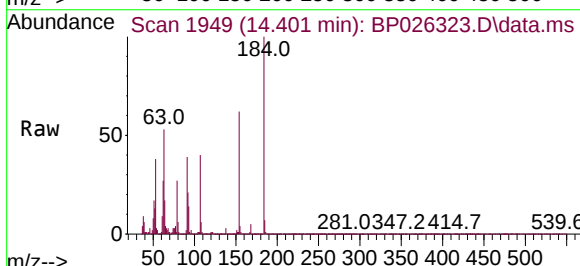
Instrument :
BNA_P
ClientSampleId :
PB170919BS

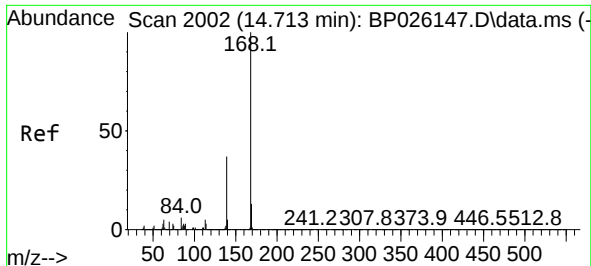
Tgt Ion:138 Resp: 141900
Ion Ratio Lower Upper
138 100
108 11.1 8.9 13.3
92 111.6 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 105.086 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:184 Resp: 496741
Ion Ratio Lower Upper
184 100
63 53.0 43.1 64.7
154 62.0 49.5 74.3

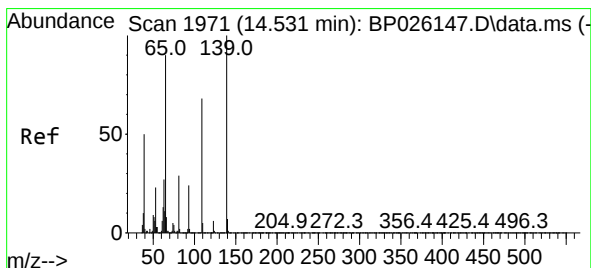
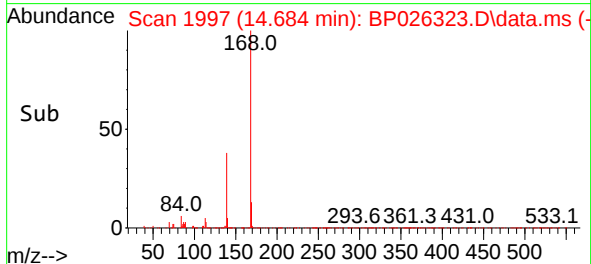
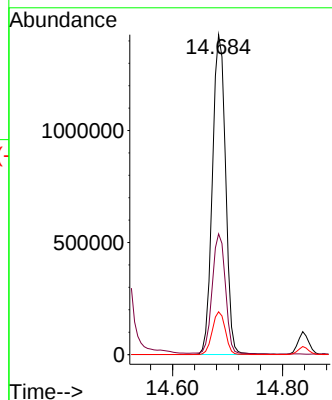
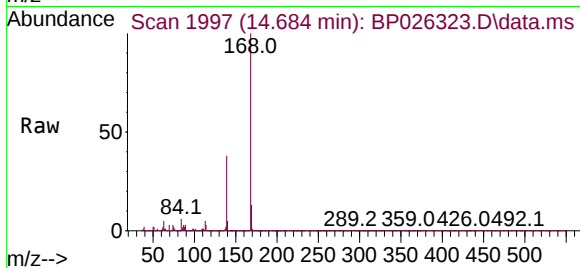




#55
Dibenzofuran
Concen: 44.417 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

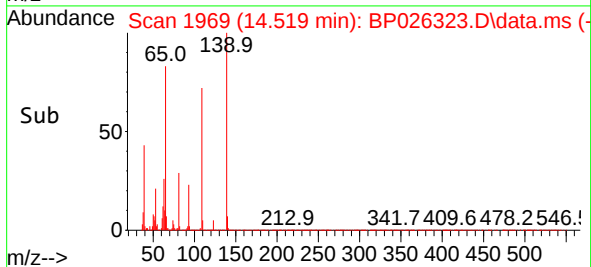
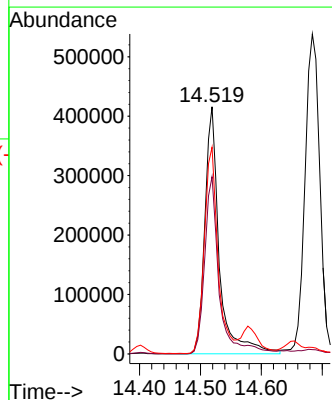
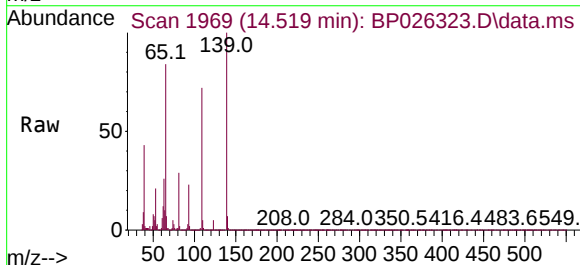
Instrument :
BNA_P
ClientSampleId :
PB170919BS

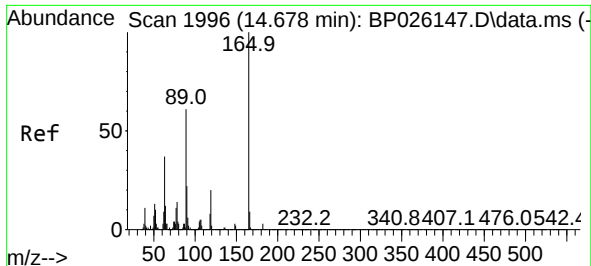
Tgt Ion:168 Resp: 2374227
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 74.218 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:139 Resp: 686842
Ion Ratio Lower Upper
139 100
109 71.7 46.8 86.8
65 83.6 69.3 109.3

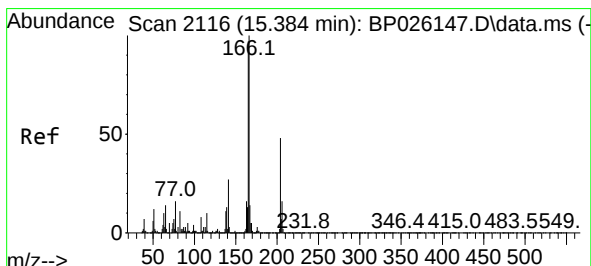
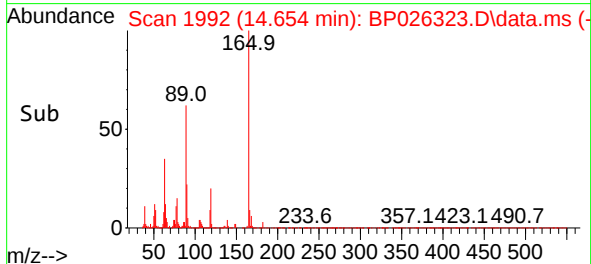
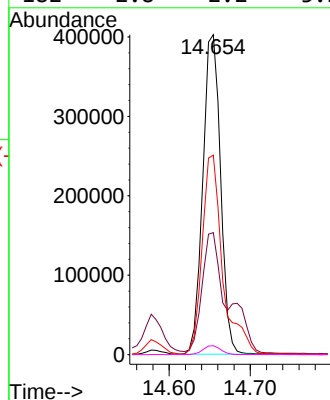
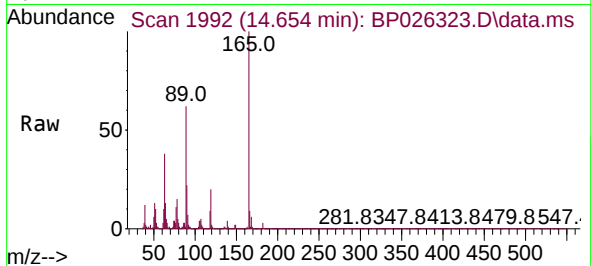




#57
2,4-Dinitrotoluene
Concen: 46.489 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.023 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

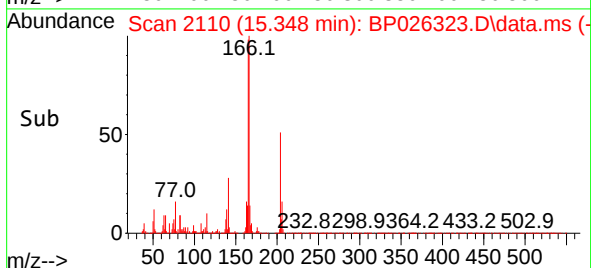
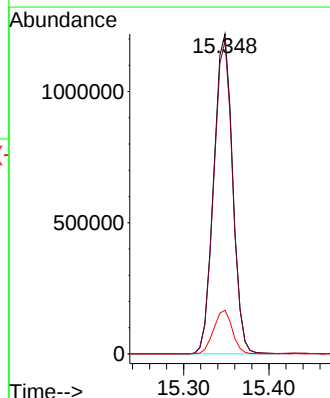
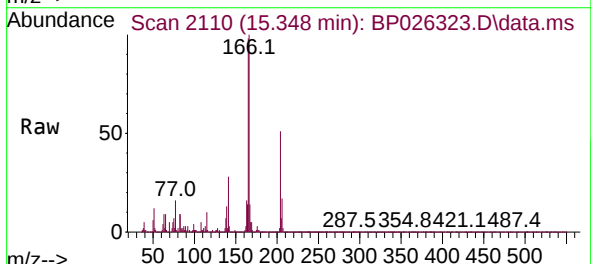
Instrument :
BNA_P
ClientSampleId :
PB170919BS

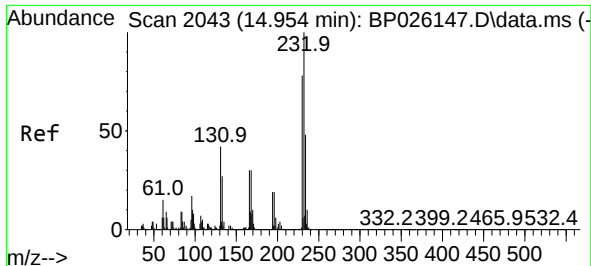
Tgt Ion:	165	Resp:	613156
Ion Ratio	Lower	Upper	
165	100		
63	38.1	31.0	46.6
89	62.3	51.7	77.5
182	2.8	2.2	3.2



#58
Fluorene
Concen: 44.335 ng
RT: 15.348 min Scan# 2110
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:	166	Resp:	1874795
Ion Ratio	Lower	Upper	
166	100		
165	97.8	77.9	116.9
167	13.6	11.0	16.4

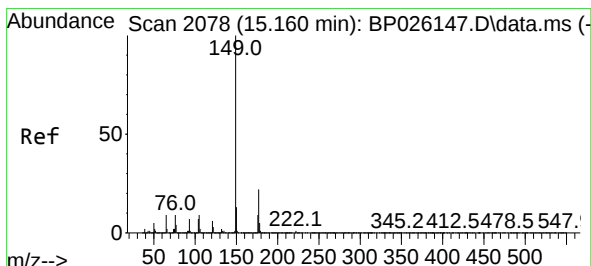
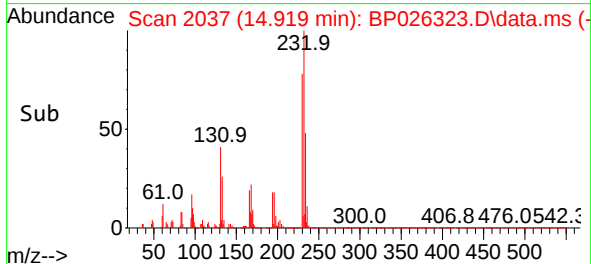
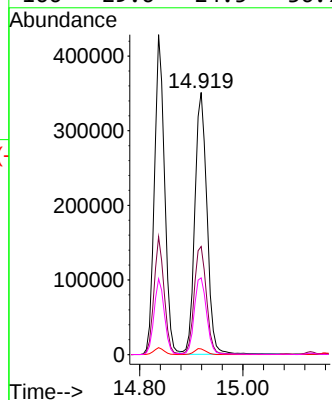
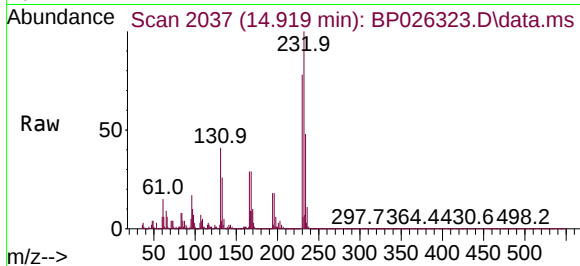




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.524 ng
RT: 14.919 min Scan# 2043
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

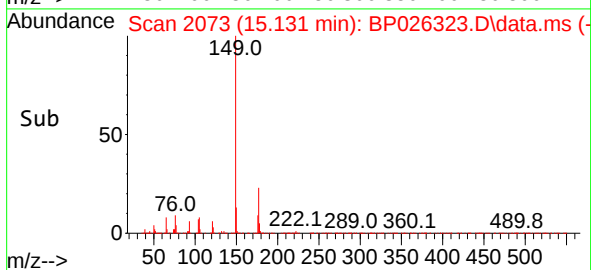
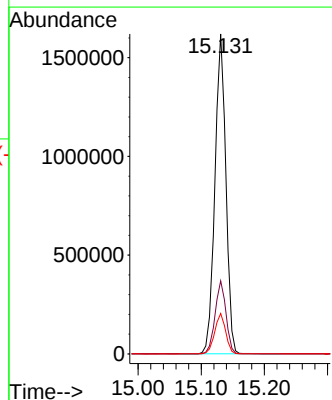
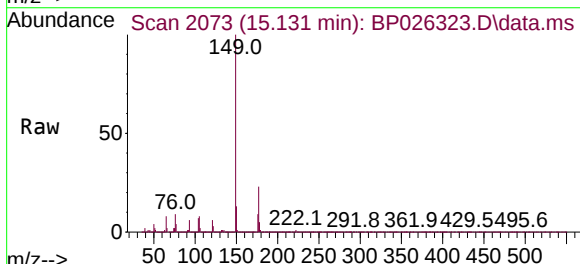
Instrument :
BNA_P
ClientSampleId :
PB170919BS

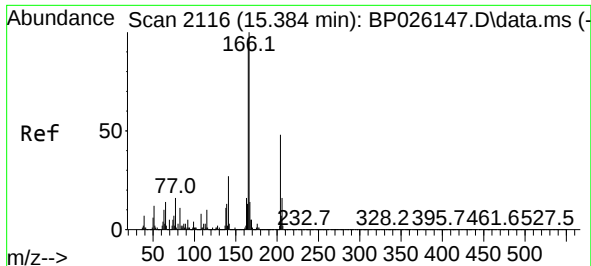
Tgt Ion:232	Resp: 571414
Ion Ratio	Lower Upper
232	100
131	41.7 34.8 52.2
130	2.1 1.8 2.8
166	29.6 24.5 36.7



#60
Diethylphthalate
Concen: 43.517 ng
RT: 15.131 min Scan# 2073
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:149	Resp: 1958210
Ion Ratio	Lower Upper
149	100
177	22.8 17.9 26.9
150	12.6 9.9 14.9

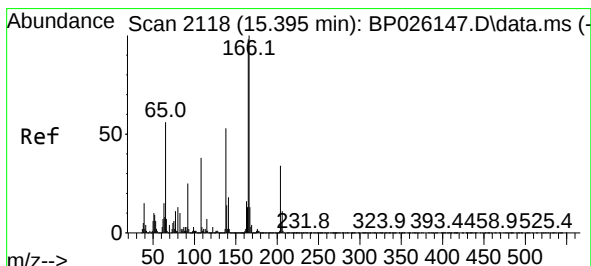
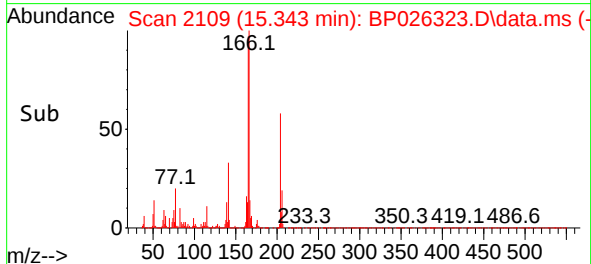
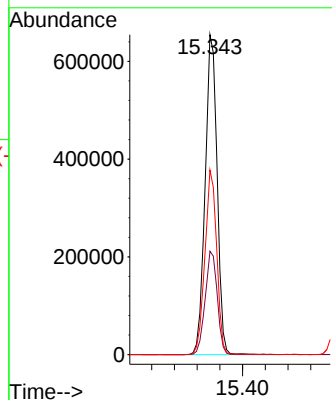
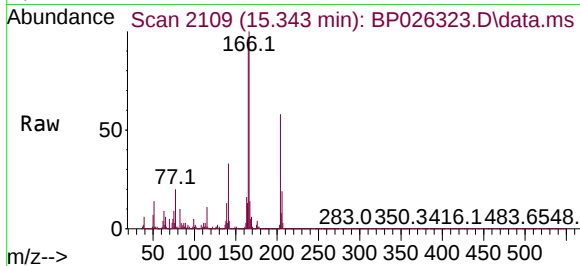




#61
4-Chlorophenyl-phenylether
Concen: 45.512 ng
RT: 15.343 min Scan# 2113
Delta R.T. -0.041 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

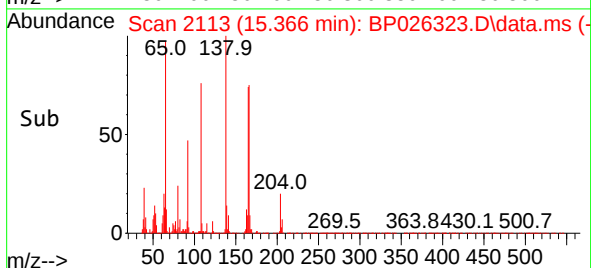
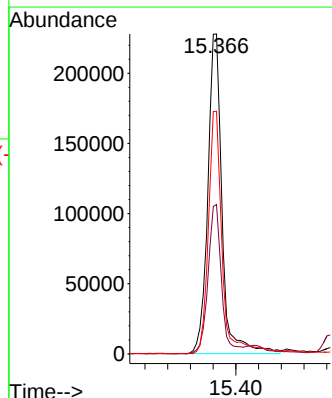
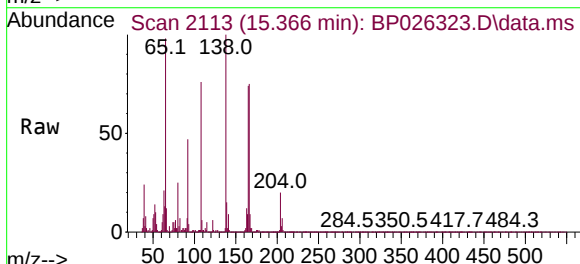
Instrument :
BNA_P
ClientSampleId :
PB170919BS

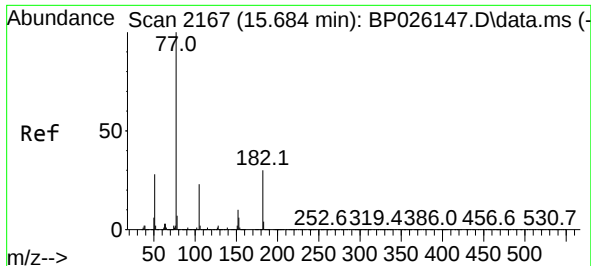
Tgt Ion:204 Resp: 959608
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 57.7 48.1 72.1



#62
4-Nitroaniline
Concen: 37.114 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.029 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:138 Resp: 399216
Ion Ratio Lower Upper
138 100
92 46.7 27.5 67.5
108 75.8 51.1 91.1



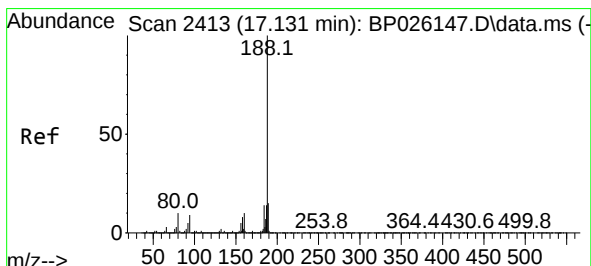
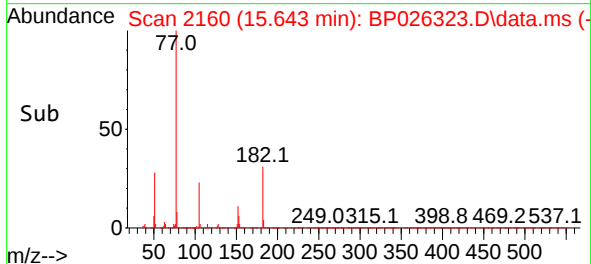
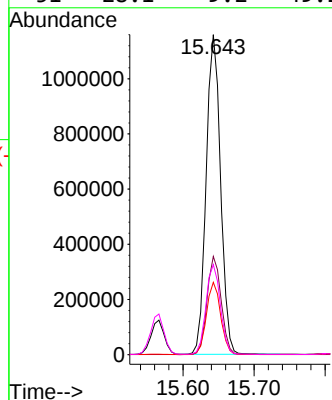
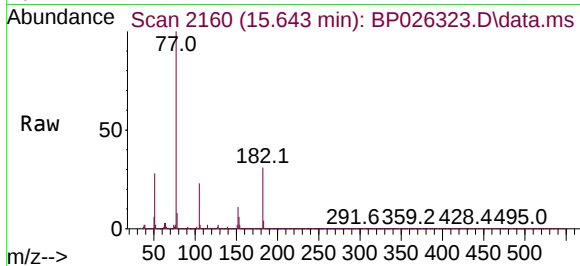


#63
Azobenzene
Concen: 42.870 ng
RT: 15.643 min Scan# 2167
Delta R.T. -0.041 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Instrument :
BNA_P
ClientSampleId :
PB170919BS

Tgt Ion: 77 Resp: 1622139

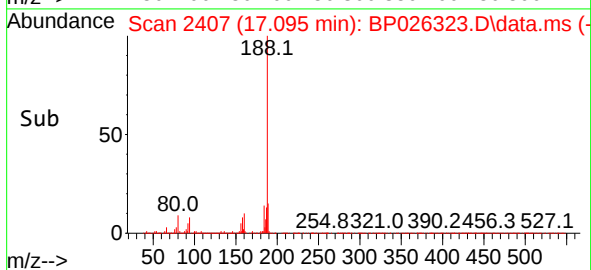
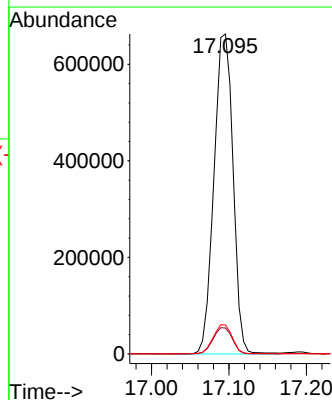
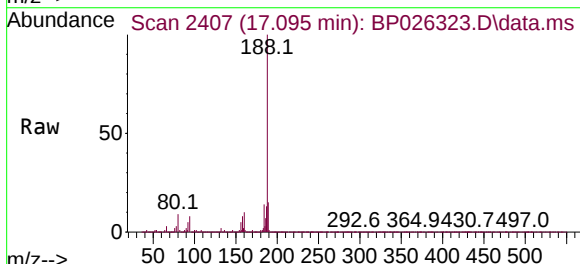
Ion	Ratio	Lower	Upper
77	100		
182	30.7	8.8	48.8
105	22.6	2.6	42.6
51	28.1	9.2	49.2

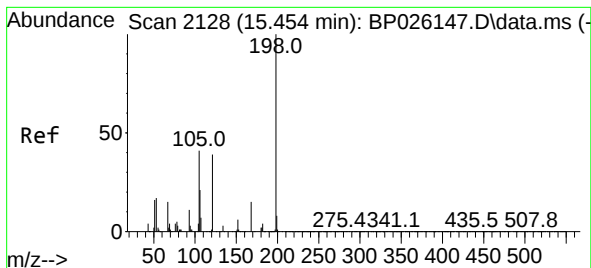


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion: 188 Resp: 1133522

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.8	11.6
80	9.0	8.2	12.2

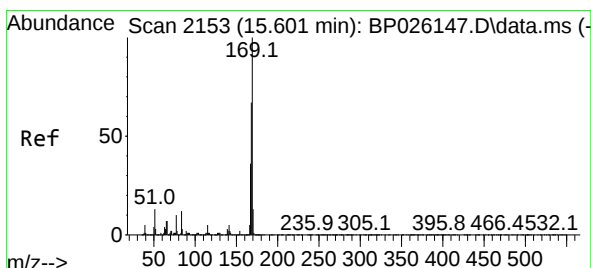
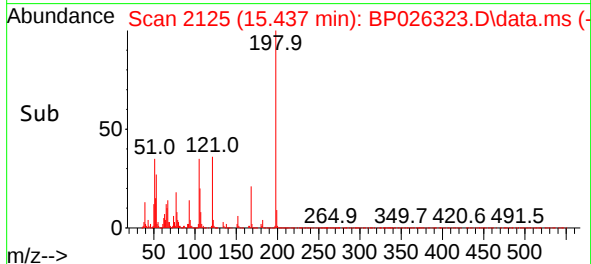
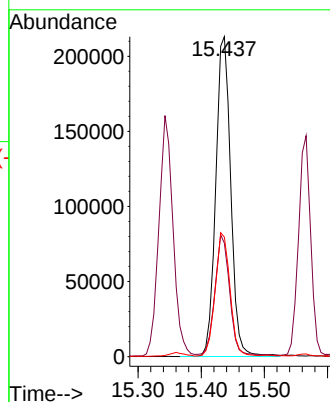
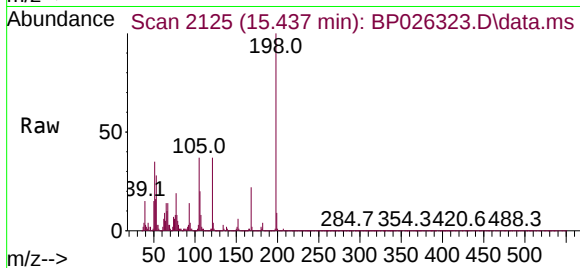




#65
4,6-Dinitro-2-methylphenol
Concen: 52.520 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

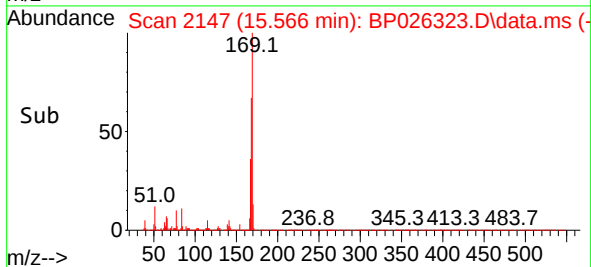
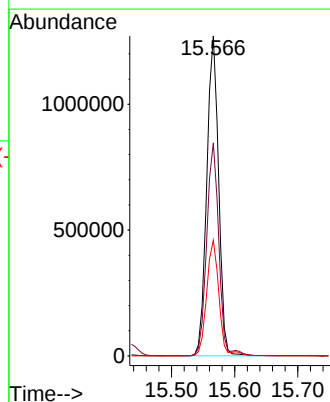
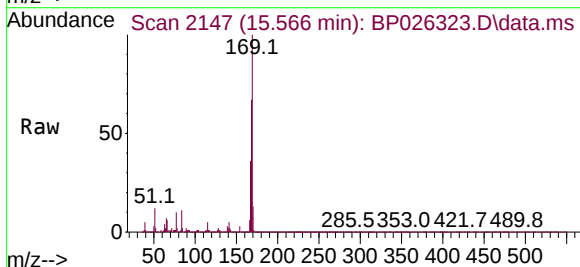
Instrument :
BNA_P
ClientSampleId :
PB170919BS

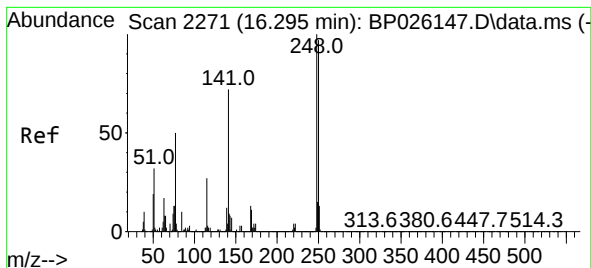
Tgt Ion:198 Resp: 351616
Ion Ratio Lower Upper
198 100
51 35.5 18.4 58.4
105 37.3 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 47.202 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:169 Resp: 1654291
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.1 28.9 43.3

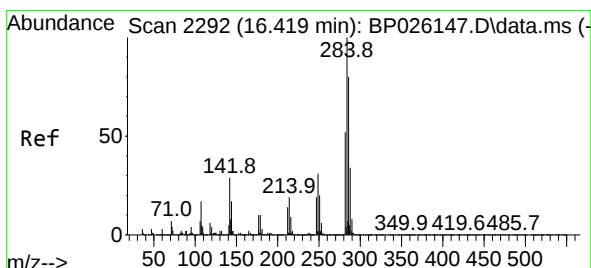
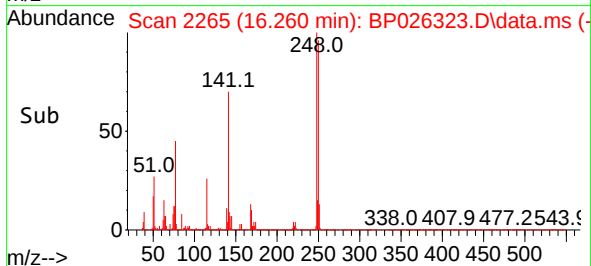
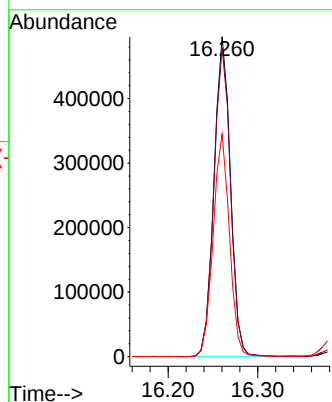
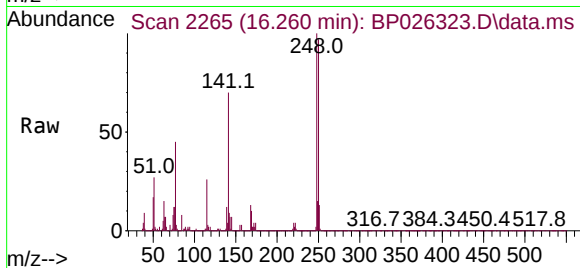




#67
4-Bromophenyl-phenylether
Concen: 50.277 ng
RT: 16.260 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

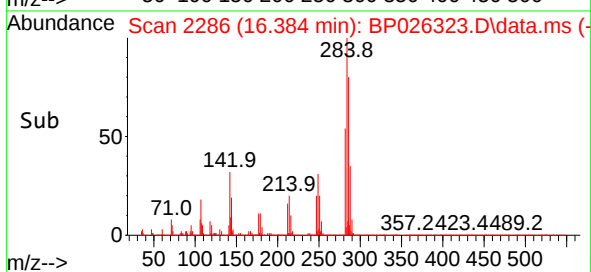
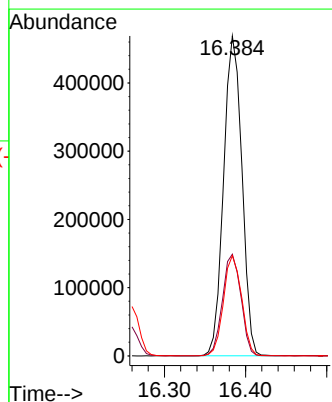
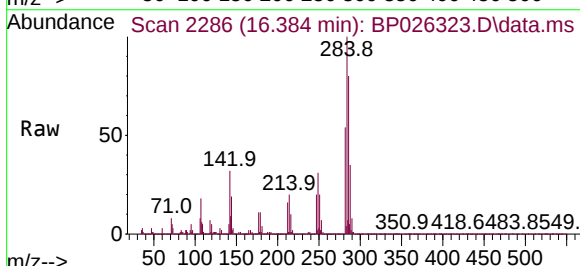
Instrument :
BNA_P
ClientSampleId :
PB170919BS

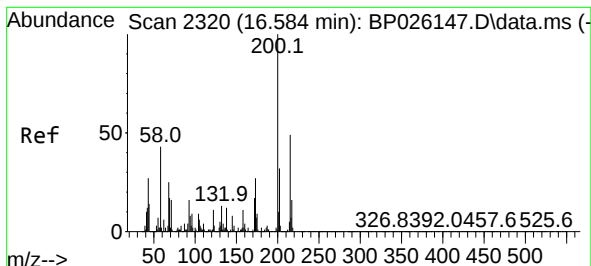
Tgt Ion:248 Resp: 631806
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 69.6 55.4 83.0



#68
Hexachlorobenzene
Concen: 50.219 ng
RT: 16.384 min Scan# 2286
Delta R.T. -0.035 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:284 Resp: 733431
Ion Ratio Lower Upper
284 100
142 31.8 28.0 42.0
249 31.3 25.0 37.4





#69

Atrazine

Concen: 46.880 ng

RT: 16.548 min Scan# 2314

Delta R.T. -0.035 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

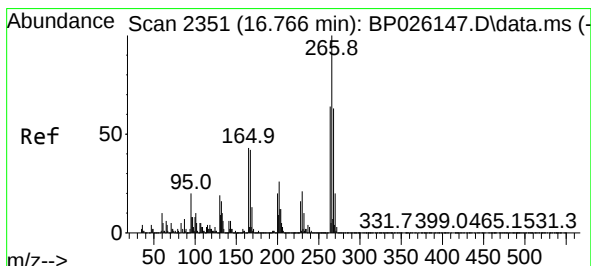
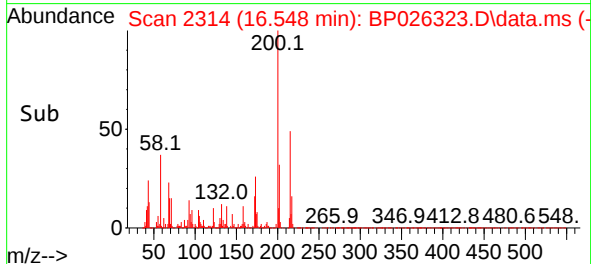
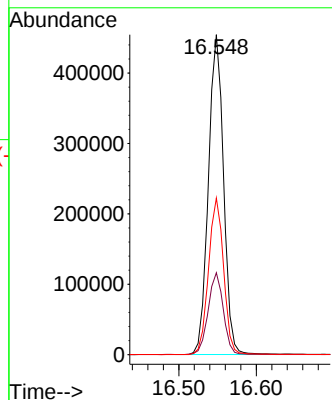
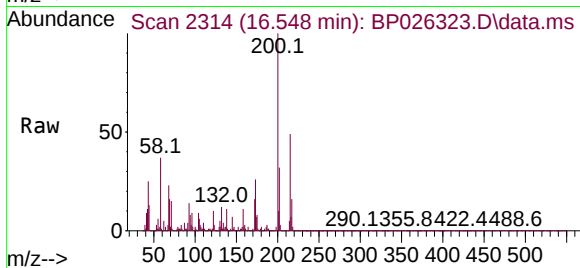
Tgt Ion:200 Resp: 617748

Ion Ratio Lower Upper

200 100

173 25.6 6.7 46.7

215 48.9 27.4 67.4



#70

Pentachlorophenol

Concen: 93.417 ng

RT: 16.737 min Scan# 2346

Delta R.T. -0.029 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

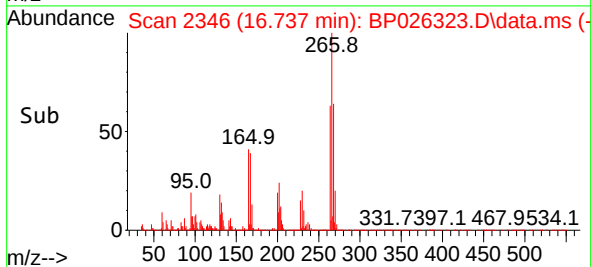
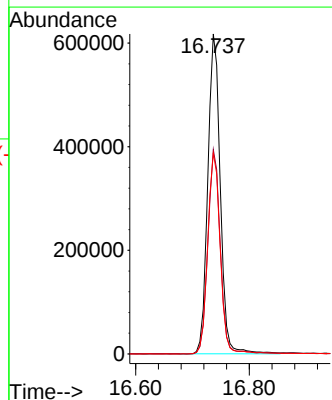
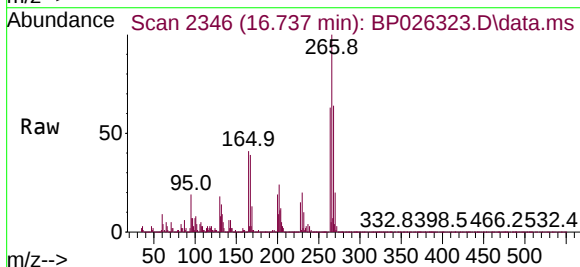
Tgt Ion:266 Resp: 946476

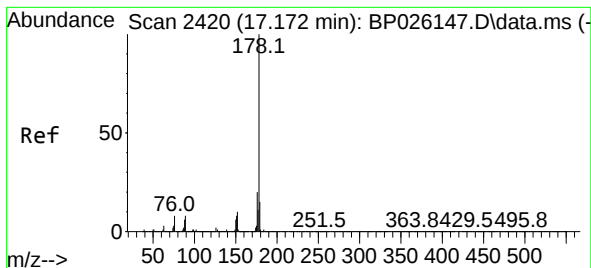
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

264 62.8 50.2 75.2





#71

Phenanthrene

Concen: 44.859 ng

RT: 17.137 min Scan# 24

Delta R.T. -0.035 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

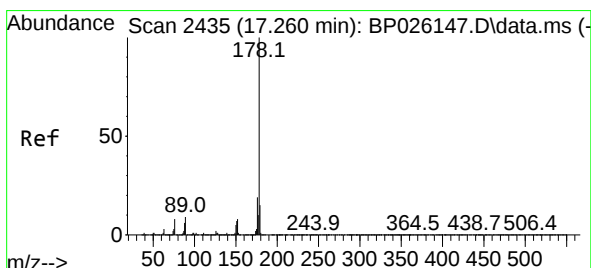
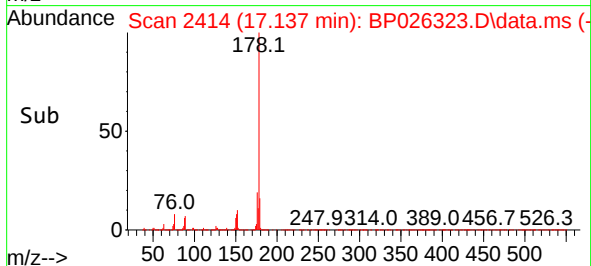
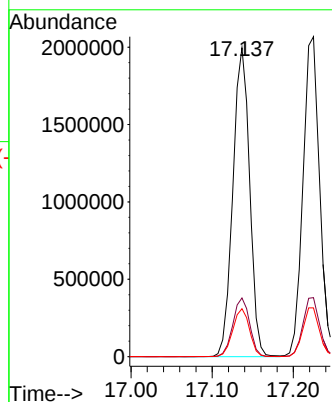
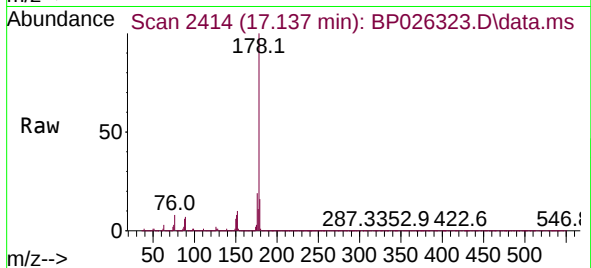
Tgt Ion:178 Resp: 2866588

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 45.443 ng

RT: 17.225 min Scan# 2429

Delta R.T. -0.035 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

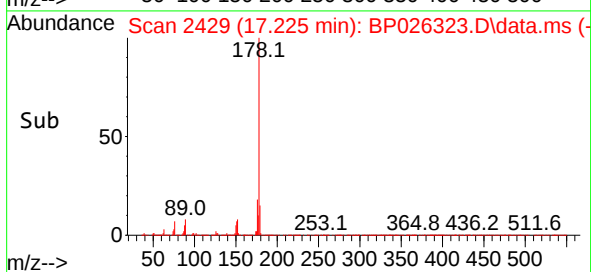
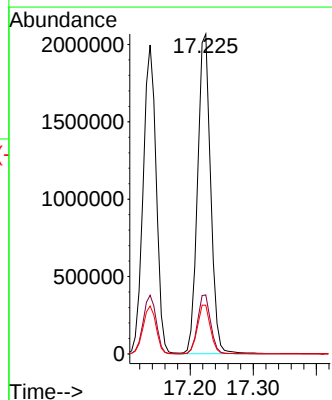
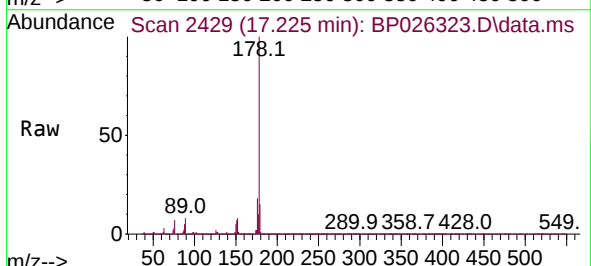
Tgt Ion:178 Resp: 2957724

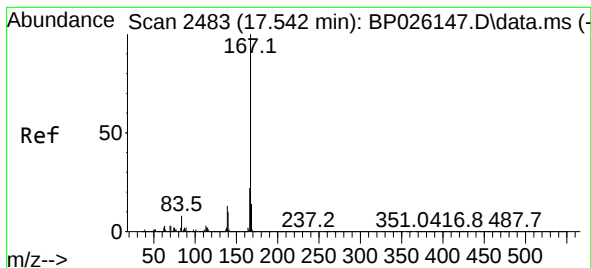
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.2 12.2 18.4





#73

Carbazole

Concen: 43.289 ng

RT: 17.513 min Scan# 24

Delta R.T. -0.029 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

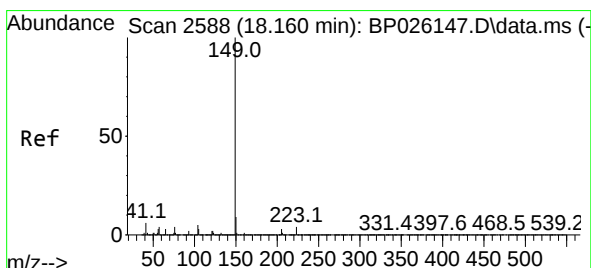
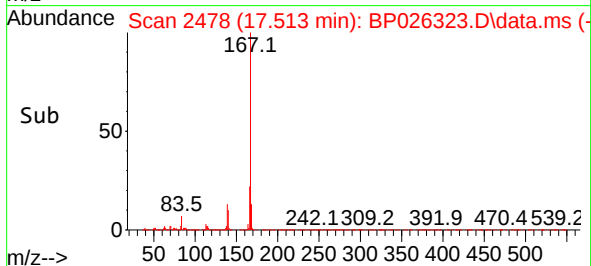
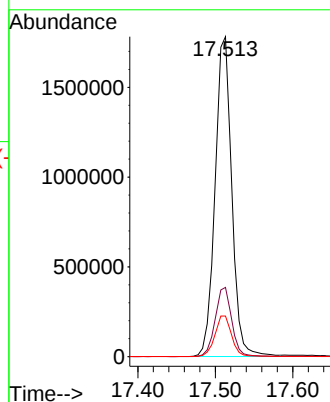
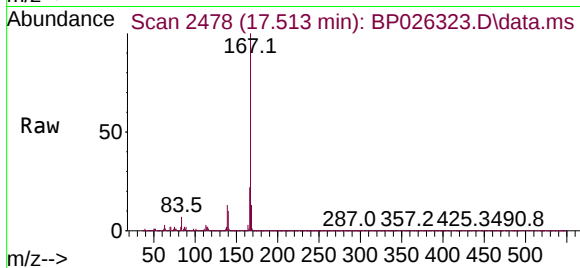
Tgt Ion:167 Resp: 2667340

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.7 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.549 ng

RT: 18.101 min Scan# 2578

Delta R.T. -0.059 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

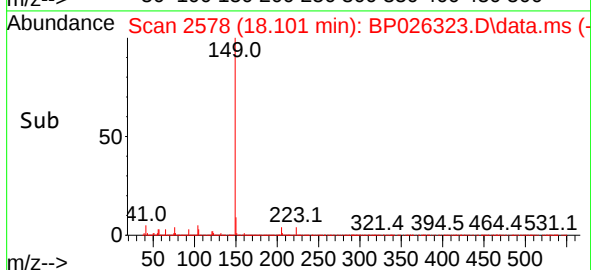
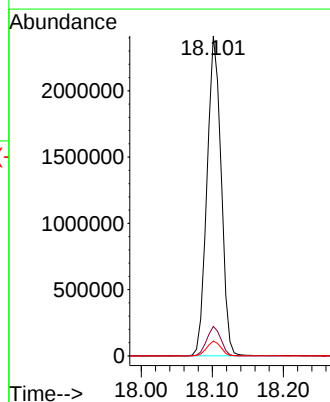
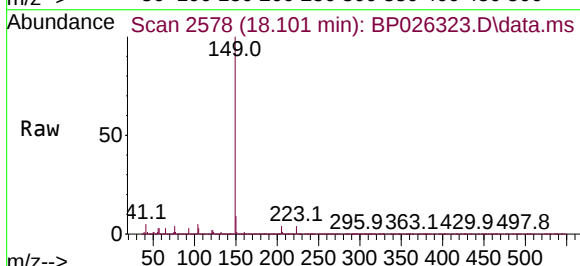
Tgt Ion:149 Resp: 3315785

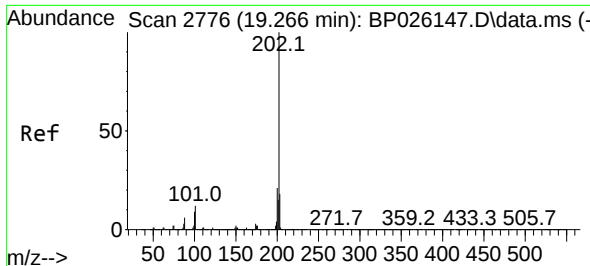
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.6 3.6 5.4

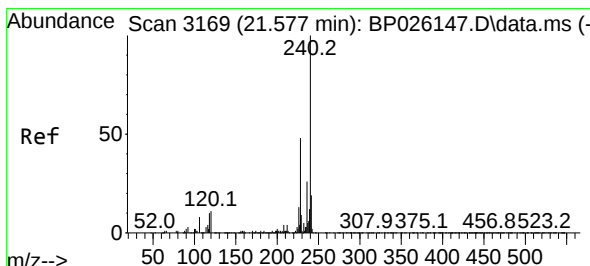
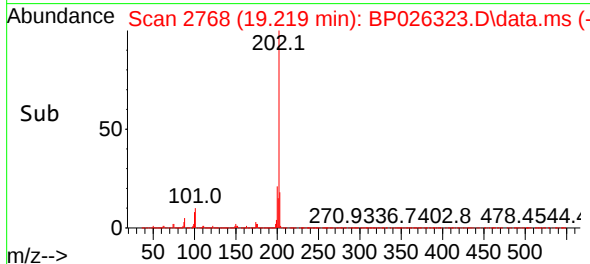
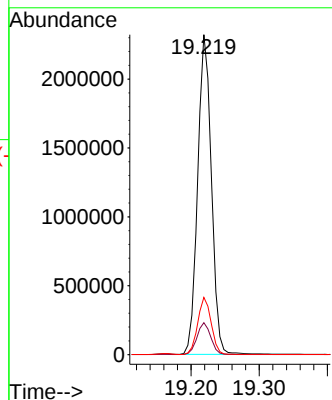
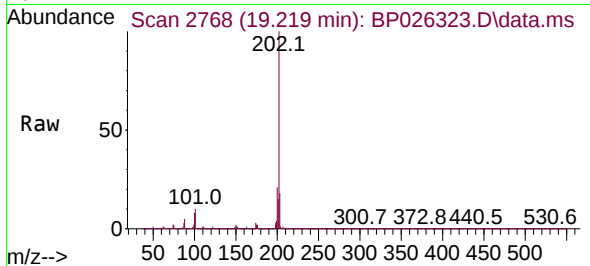




#75
Fluoranthene
Concen: 41.822 ng
RT: 19.219 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

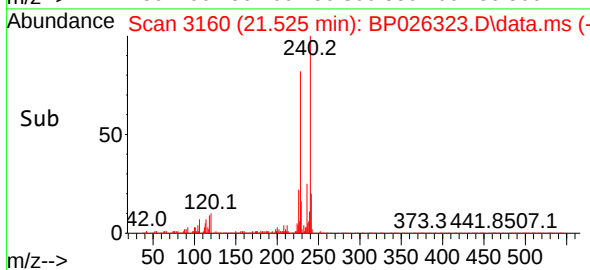
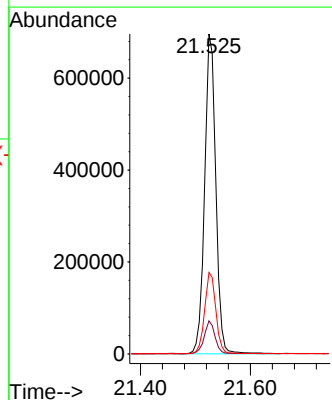
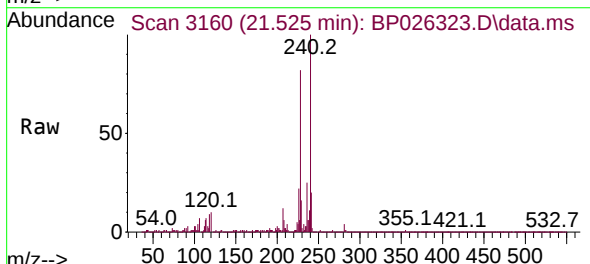
Instrument :
BNA_P
ClientSampleId :
PB170919BS

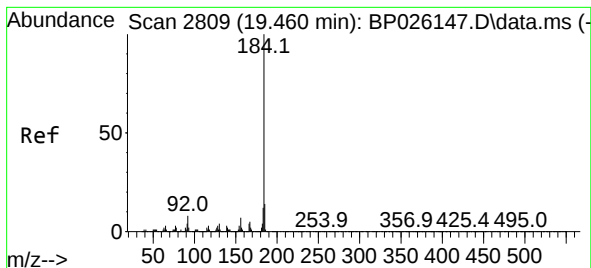
Tgt Ion:202 Resp: 3252468
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.053 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:240 Resp: 978119
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.4 20.4 30.6





#77

Benzidine

Concen: 22.383 ng

RT: 19.413 min Scan# 2801

Delta R.T. -0.047 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

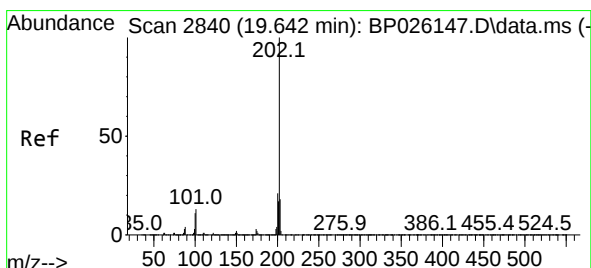
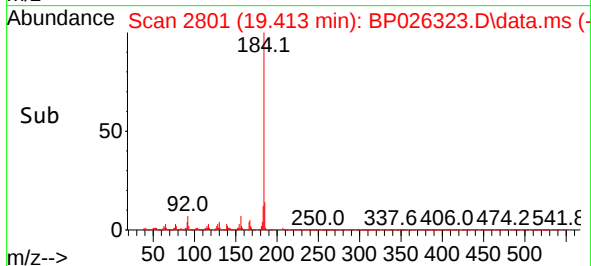
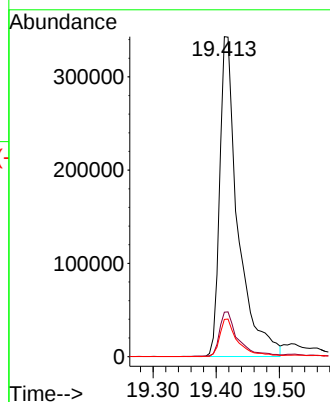
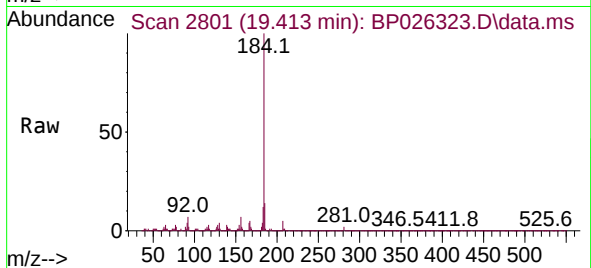
Tgt Ion:184 Resp: 687381

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

183 11.6 9.0 13.6



#78

Pyrene

Concen: 52.781 ng

RT: 19.595 min Scan# 2832

Delta R.T. -0.047 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

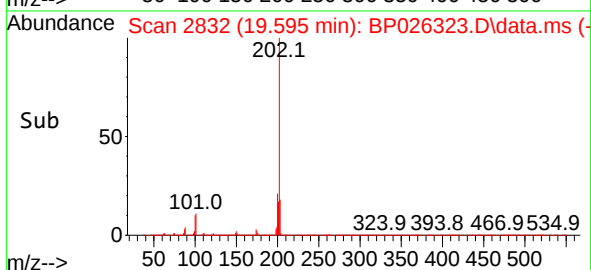
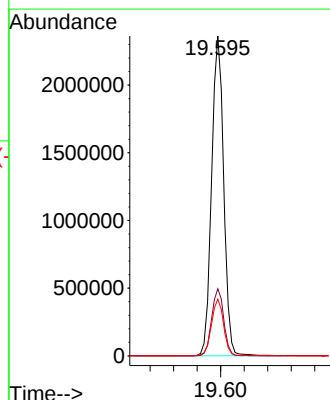
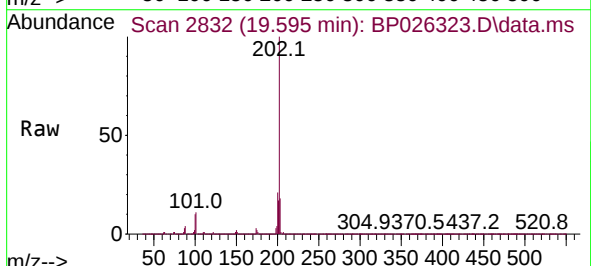
Tgt Ion:202 Resp: 3364237

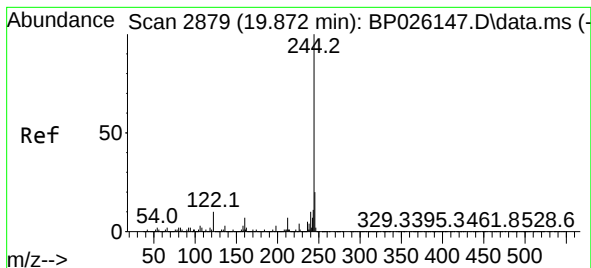
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 102.748 ng

RT: 19.825 min Scan# 2879

Delta R.T. -0.047 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

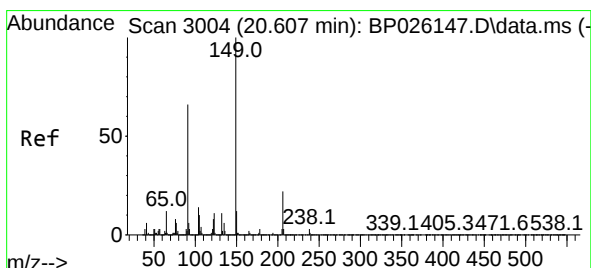
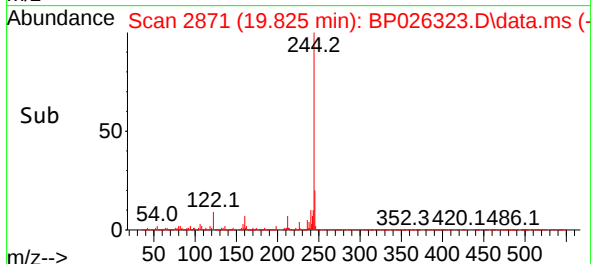
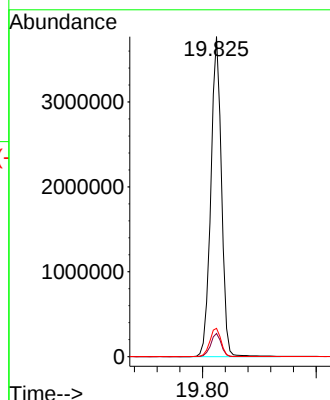
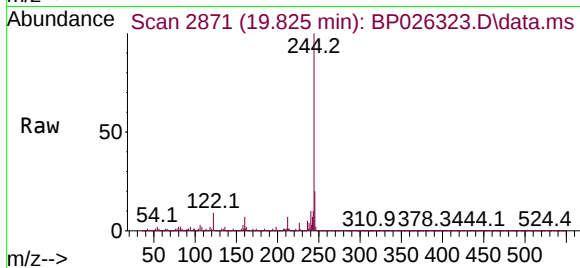
Tgt Ion:244 Resp: 4917023

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 8.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.799 ng

RT: 20.554 min Scan# 2995

Delta R.T. -0.053 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

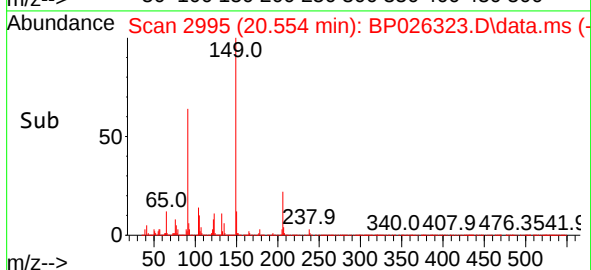
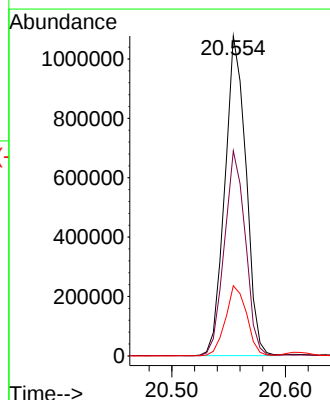
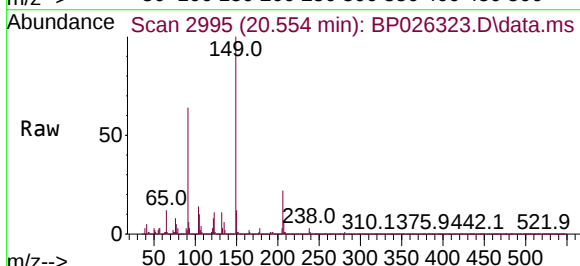
Tgt Ion:149 Resp: 1393068

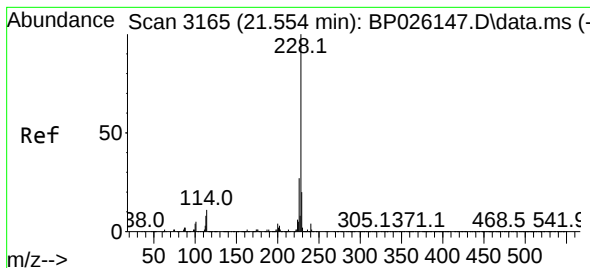
Ion Ratio Lower Upper

149 100

91 64.1 52.6 79.0

206 21.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 46.837 ng

RT: 21.513 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

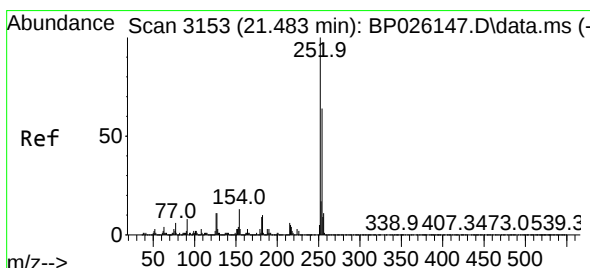
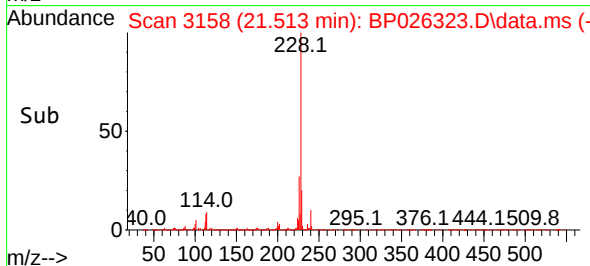
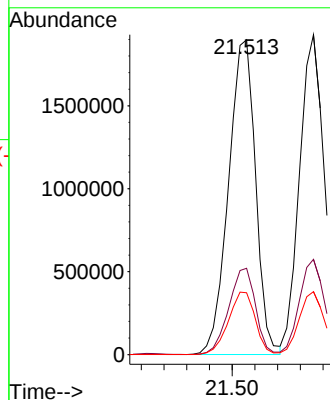
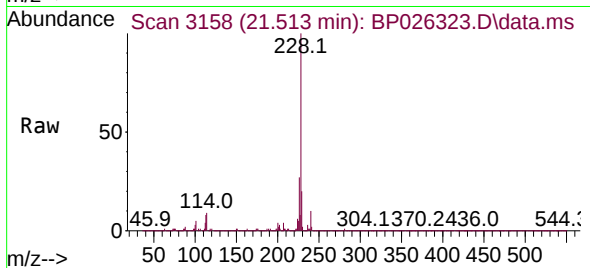
Tgt Ion:228 Resp: 3142607

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 27.111 ng

RT: 21.425 min Scan# 3143

Delta R.T. -0.059 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

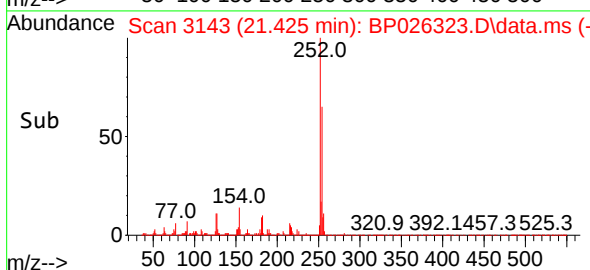
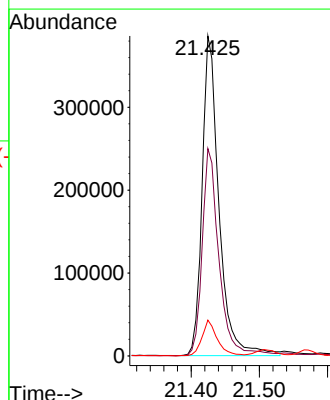
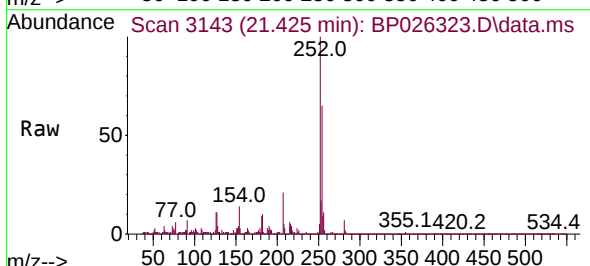
Tgt Ion:252 Resp: 661838

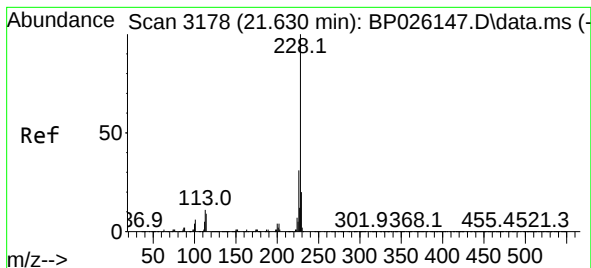
Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

126 11.2 8.2 12.4





#83

Chrysene

Concen: 46.748 ng

RT: 21.572 min Scan# 3178

Delta R.T. -0.059 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

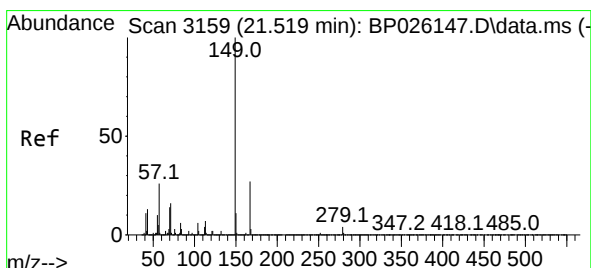
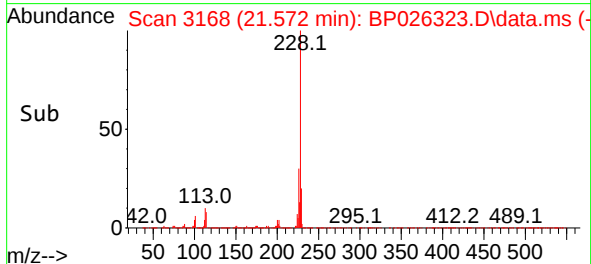
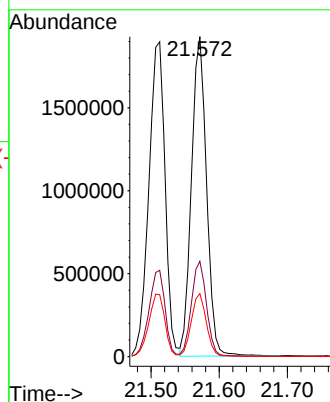
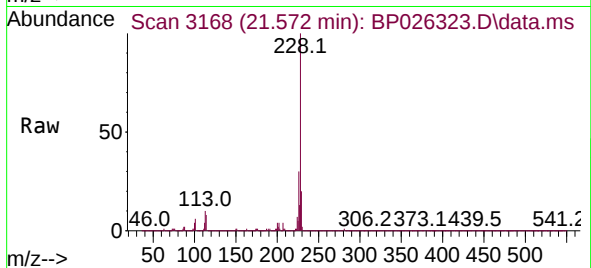
Tgt Ion:228 Resp: 2969915

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.854 ng

RT: 21.460 min Scan# 3149

Delta R.T. -0.059 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

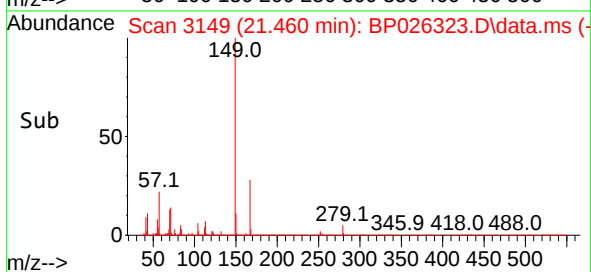
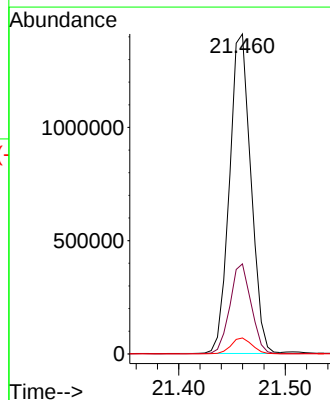
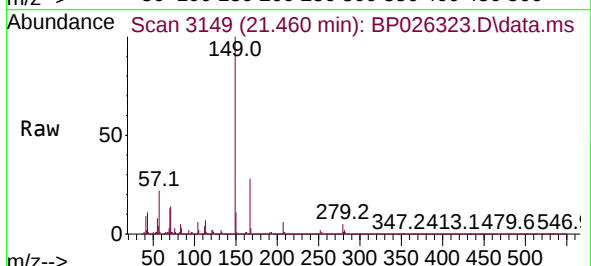
Tgt Ion:149 Resp: 1971532

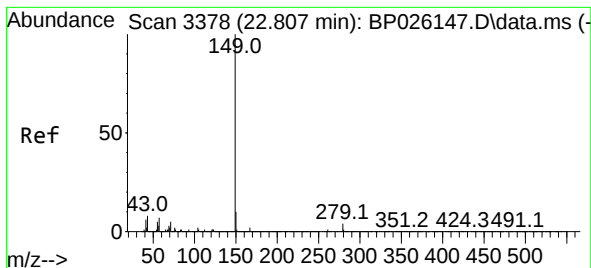
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 5.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 44.985 ng

RT: 22.719 min Scan# 3378

Delta R.T. -0.088 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

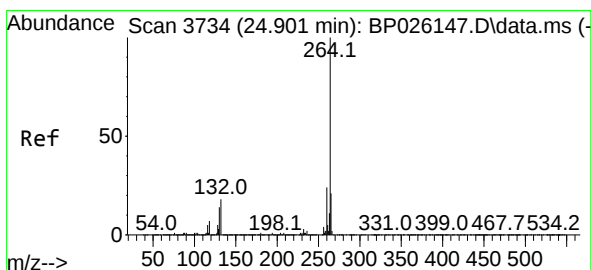
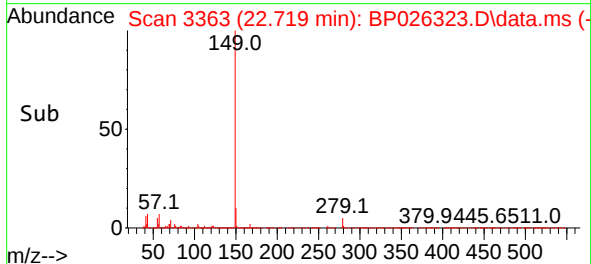
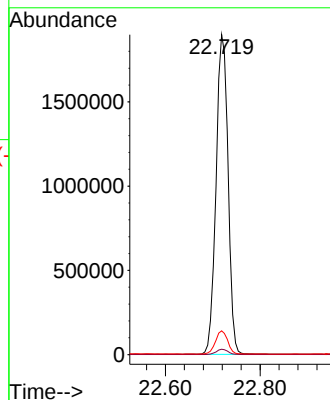
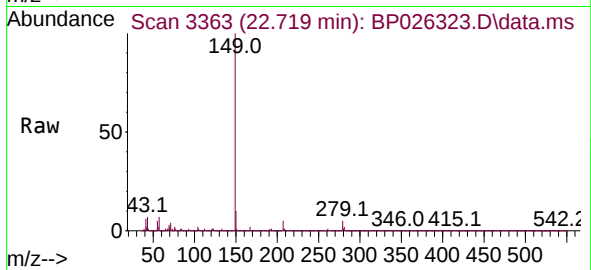
Tgt Ion:149 Resp: 3337165

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.4 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.818 min Scan# 3720

Delta R.T. -0.082 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

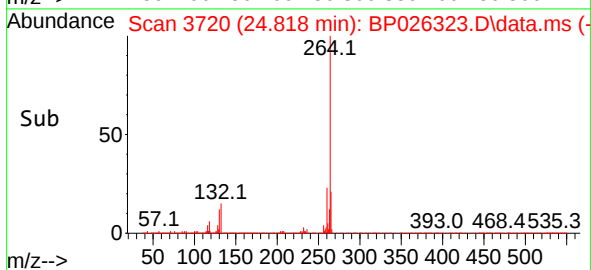
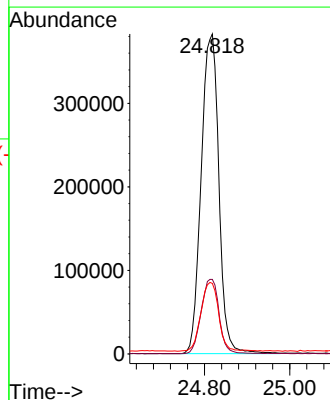
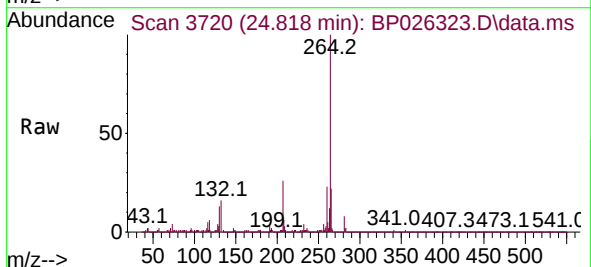
Tgt Ion:264 Resp: 1102931

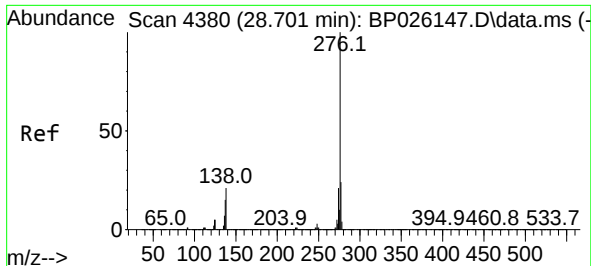
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.0 17.5 26.3

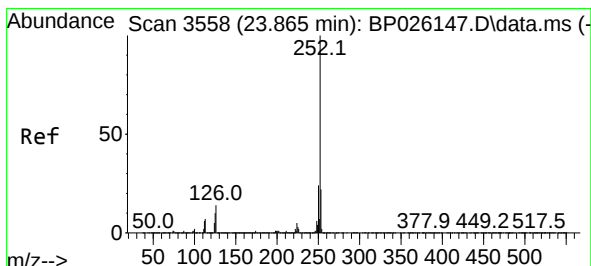
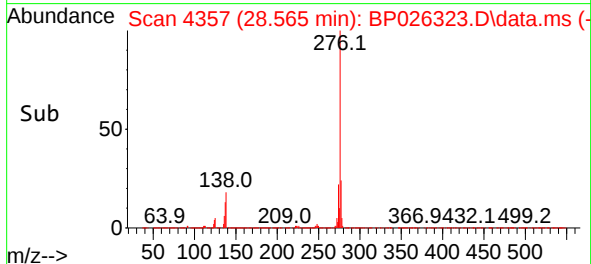
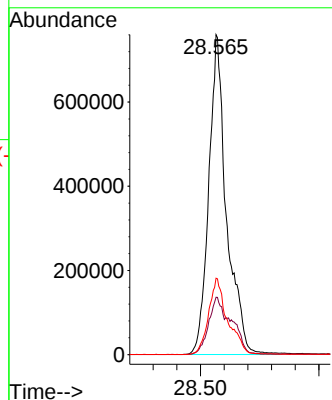
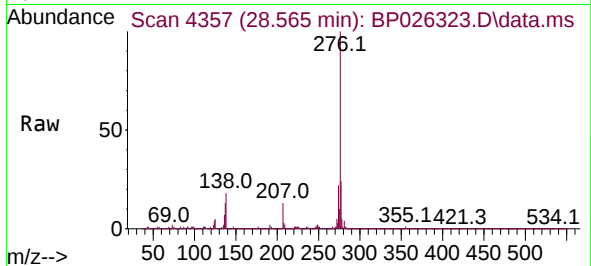




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.495 ng
RT: 28.565 min Scan# 431
Delta R.T. -0.135 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

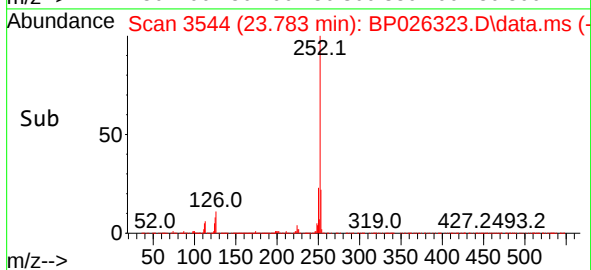
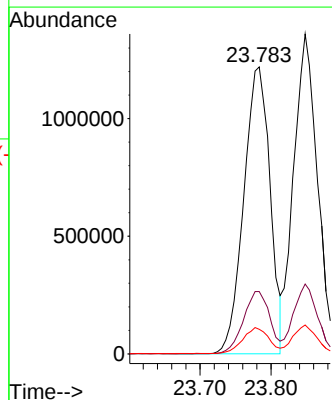
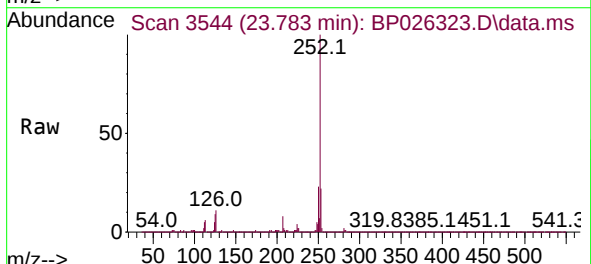
Instrument :
BNA_P
ClientSampleId :
PB170919BS

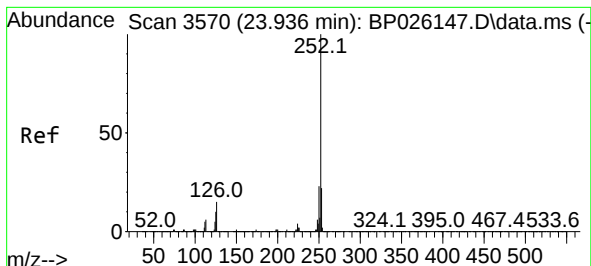
Tgt Ion:276 Resp: 3959000
Ion Ratio Lower Upper
276 100
138 22.9 13.8 20.8#
277 25.5 16.7 25.1#



#88
Benzo(b)fluoranthene
Concen: 46.740 ng
RT: 23.783 min Scan# 3544
Delta R.T. -0.082 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:252 Resp: 3133010
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 8.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.792 ng

RT: 23.848 min Scan# 31

Delta R.T. -0.088 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

Instrument :

BNA_P

ClientSampleId :

PB170919BS

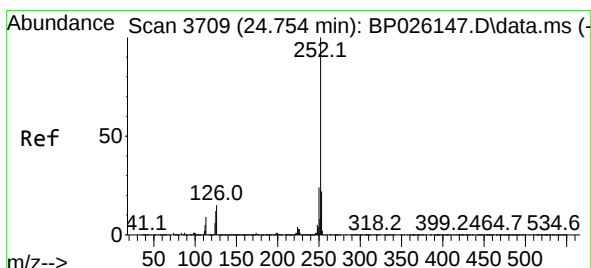
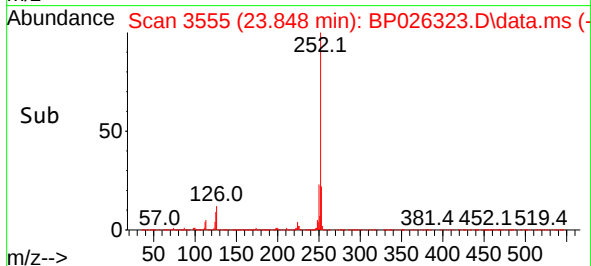
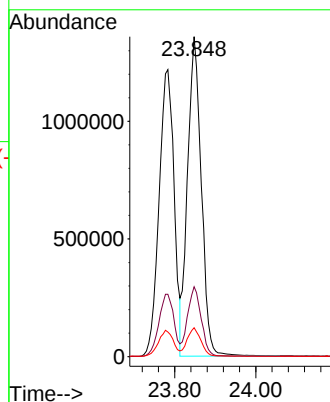
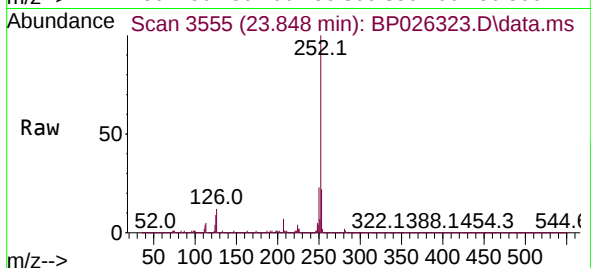
Tgt Ion:252 Resp: 3204520

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 47.250 ng

RT: 24.666 min Scan# 3694

Delta R.T. -0.088 min

Lab File: BP026323.D

Acq: 15 Dec 2025 13:25

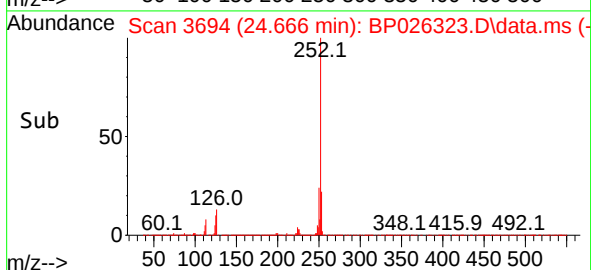
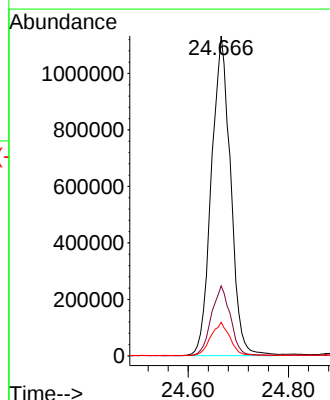
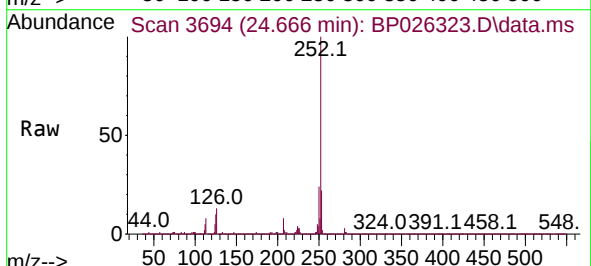
Tgt Ion:252 Resp: 3003249

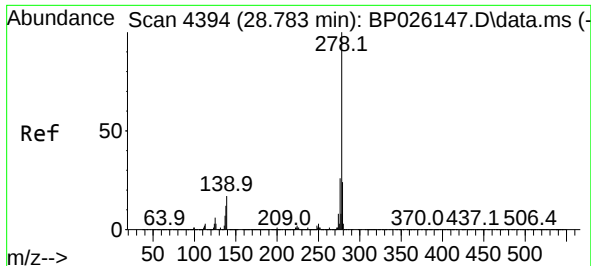
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.5 9.0 13.6

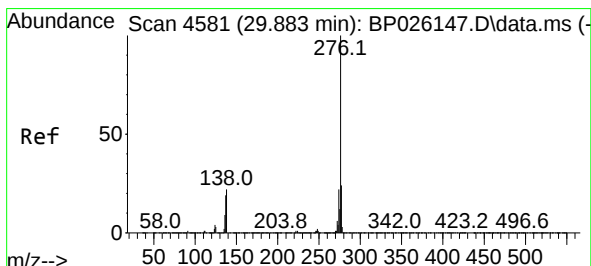
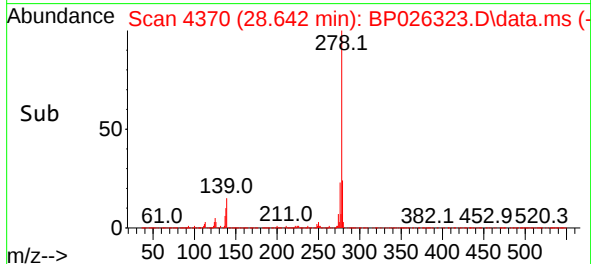
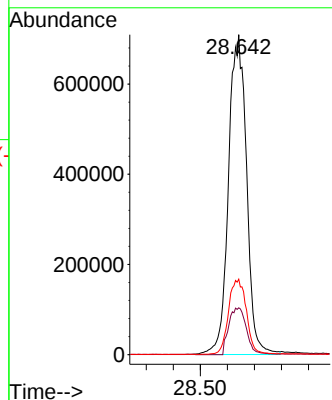
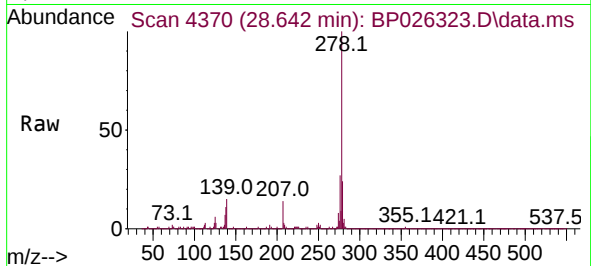




#91
Dibenzo(a,h)anthracene
Concen: 48.166 ng
RT: 28.642 min Scan# 4394
Delta R.T. -0.141 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Instrument :
BNA_P
ClientSampleId :
PB170919BS

Tgt Ion:278 Resp: 3283910
Ion Ratio Lower Upper
278 100
139 14.6 13.2 19.8
279 23.6 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 48.861 ng
RT: 29.712 min Scan# 4552
Delta R.T. -0.170 min
Lab File: BP026323.D
Acq: 15 Dec 2025 13:25

Tgt Ion:276 Resp: 3320878
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 19.3 17.8 26.6

