

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026209.D
 Acq On : 02 Dec 2025 15:53
 Operator : RC/JU
 Sample : PB170782BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170782BS

Quant Time: Dec 02 16:22:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	268982	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1004806	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	601680	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1226741	20.000	ng	-0.04
76) Chrysene-d12	21.554	240	1408633	20.000	ng	-0.02
86) Perylene-d12	24.854	264	1584735	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1960111	116.965	ng	0.00
7) Phenol-d6	6.843	99	2345492	109.940	ng	-0.01
23) Nitrobenzene-d5	8.801	82	1406083	79.487	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	1020756	130.778	ng	-0.04
45) 2-Fluorobiphenyl	12.895	172	3393780	82.667	ng	-0.04
79) Terphenyl-d14	19.842	244	5922091	85.725	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	244532	35.976	ng	97
3) Pyridine	3.614	79	641244	32.644	ng	97
4) n-Nitrosodimethylamine	3.519	42	303418	41.329	ng	93
6) Aniline	6.996	93	635687	22.567	ng	99
8) 2-Chlorophenol	7.231	128	767208	40.220	ng	100
9) Benzaldehyde	6.813	77	313482	28.039	ng	97
10) Phenol	6.872	94	879635	38.273	ng	97
11) bis(2-Chloroethyl)ether	7.090	93	686434	38.145	ng	98
12) 1,3-Dichlorobenzene	7.554	146	853747	41.544	ng	100
13) 1,4-Dichlorobenzene	7.696	146	870850	42.054	ng	99
14) 1,2-Dichlorobenzene	8.007	146	829950	41.738	ng	99
15) Benzyl Alcohol	7.896	79	581014	37.174	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.184	45	966034	38.224	ng	99
17) 2-Methylphenol	8.101	107	597295	38.177	ng	99
18) Hexachloroethane	8.731	117	312531	41.479	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	475331	35.864	ng	98
20) 3+4-Methylphenols	8.425	107	791206	36.495	ng	99
22) Acetophenone	8.466	105	1049787	41.104	ng	# 99
24) Nitrobenzene	8.843	77	734327	41.038	ng	99
25) Isophorone	9.366	82	1354493	38.624	ng	99
26) 2-Nitrophenol	9.543	139	374515	41.363	ng	98
27) 2,4-Dimethylphenol	9.607	122	648242	39.704	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	866430	39.449	ng	99
29) 2,4-Dichlorophenol	10.078	162	675987	41.425	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	756981	45.555	ng	99
31) Naphthalene	10.472	128	2213682	40.764	ng	99
32) Benzoic acid	9.737	122	480659	34.959	ng	98
33) 4-Chloroaniline	10.578	127	435742	18.868	ng	99
34) Hexachlorobutadiene	10.766	225	479763	44.393	ng	99
35) Caprolactam	11.354	113	215676	36.911	ng	96
36) 4-Chloro-3-methylphenol	11.713	107	689560	39.758	ng	98
37) 2-Methylnaphthalene	12.084	142	1403623	36.459	ng	99
38) 1-Methylnaphthalene	12.307	142	1433715	38.101	ng	99
40) 1,2,4,5-Tetrachloroben...	12.454	216	819974	45.070	ng	99
41) Hexachlorocyclopentadiene	12.442	237	1068505	89.739	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	541505	43.415	ng	100

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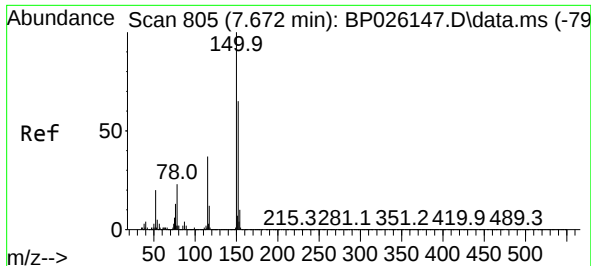
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	597658	42.927	ng	99
46) 1,1'-Biphenyl	13.107	154	1952693	43.100	ng	99
47) 2-Chloronaphthalene	13.142	162	1510187	42.389	ng	100
48) 2-Nitroaniline	13.348	65	416672	42.057	ng	96
49) Acenaphthylene	14.001	152	2513876	42.778	ng	100
50) Dimethylphthalate	13.742	163	1896554	42.203	ng	100
51) 2,6-Dinitrotoluene	13.854	165	411228	46.182	ng	97
52) Acenaphthene	14.348	154	1395824	40.531	ng	99
53) 3-Nitroaniline	14.184	138	273532	26.090	ng	99
54) 2,4-Dinitrophenol	14.389	184	502537	93.492	ng	97
55) Dibenzofuran	14.689	168	2262479	42.416	ng	99
56) 4-Nitrophenol	14.507	139	784038	82.663	ng	96
57) 2,4-Dinitrotoluene	14.648	165	604556	45.470	ng	99
58) Fluorene	15.354	166	1815654	43.065	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	542112	45.898	ng	100
60) Diethylphthalate	15.131	149	1940035	42.855	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	896277	42.726	ng	97
62) 4-Nitroaniline	15.366	138	418833	38.470	ng	96
63) Azobenzene	15.648	77	1645661	43.113	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	343139	44.030	ng	95
66) n-Nitrosodiphenylamine	15.566	169	1645206	43.354	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	591135	43.511	ng	98
68) Hexachlorobenzene	16.383	284	699473	44.370	ng	98
69) Atrazine	16.554	200	650190	45.437	ng	99
70) Pentachlorophenol	16.736	266	992247	89.978	ng	99
71) Phenanthrene	17.136	178	3014410	43.621	ng	100
72) Anthracene	17.230	178	3125375	44.342	ng	100
73) Carbazole	17.513	167	2935445	43.849	ng	100
74) Di-n-butylphthalate	18.119	149	3571948	45.007	ng	99
75) Fluoranthene	19.236	202	3715685	44.254	ng	99
77) Benzidine	19.442	184	1014794	22.700	ng	99
78) Pyrene	19.619	202	3963837	42.917	ng	99
80) Butylbenzylphthalate	20.589	149	1749417	43.010	ng	97
81) Benzo(a)anthracene	21.536	228	4110546	42.489	ng	100
82) 3,3'-Dichlorobenzidine	21.460	252	995020	28.283	ng	100
83) Chrysene	21.601	228	3950548	43.330	ng	100
84) Bis(2-ethylhexyl)phtha...	21.495	149	2638941	42.859	ng	99
85) Di-n-octyl phthalate	22.771	149	4463179	41.455	ng	99
87) Indeno(1,2,3-cd)pyrene	28.612	276	5419062	45.596	ng	99
88) Benzo(b)fluoranthene	23.824	252	4246682	44.003	ng	99
89) Benzo(k)fluoranthene	23.895	252	4325261	44.871	ng	100
90) Benzo(a)pyrene	24.706	252	4111691	44.978	ng	99
91) Dibenzo(a,h)anthracene	28.695	278	4445214	45.690	ng	99
92) Benzo(g,h,i)perylene	29.783	276	4424370	45.753	ng	98

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

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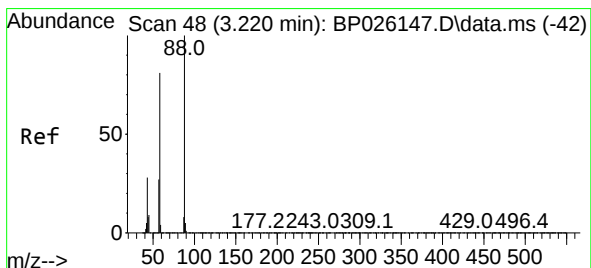
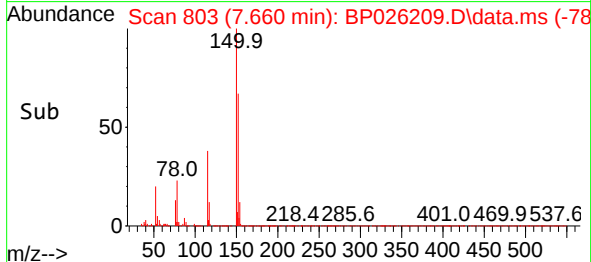
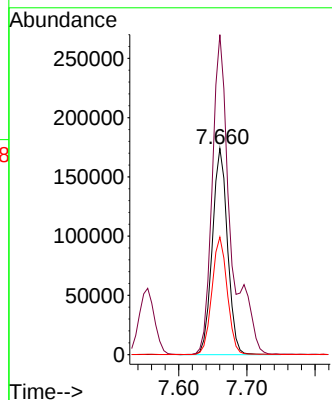
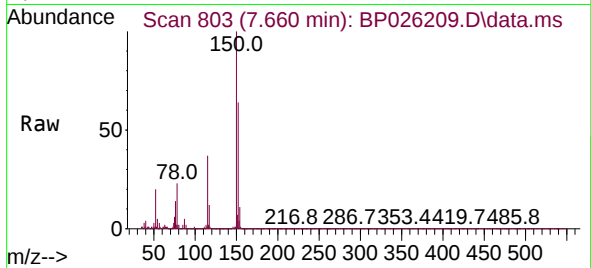




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.660 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026209.D
 Acq: 02 Dec 2025 15:53

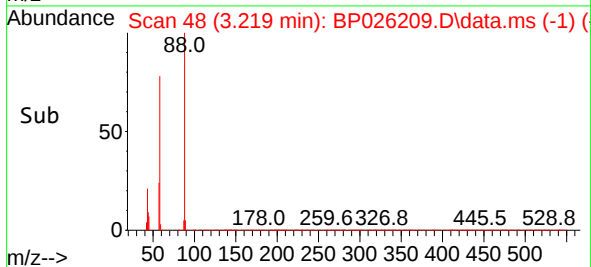
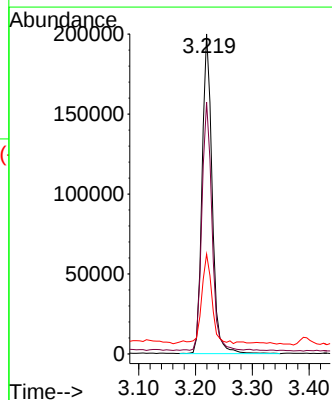
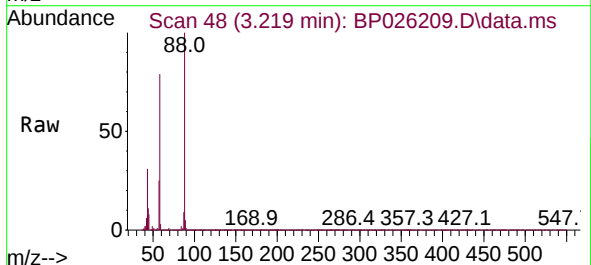
Instrument :
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 ClientSampleId :
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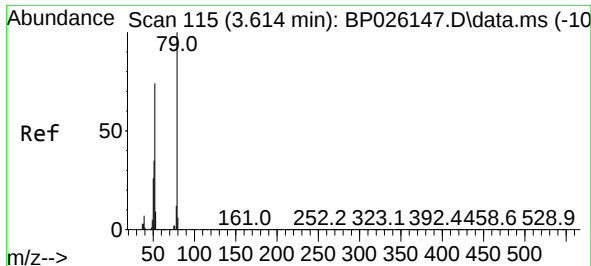
Tgt Ion:152 Resp: 268982
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.0 184.6
 115 57.0 46.3 69.5



#2
 1,4-Dioxane
 Concen: 35.976 ng
 RT: 3.219 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026209.D
 Acq: 02 Dec 2025 15:53

Tgt Ion: 88 Resp: 244532
 Ion Ratio Lower Upper
 88 100
 58 77.8 64.2 96.4
 43 28.1 21.5 32.3

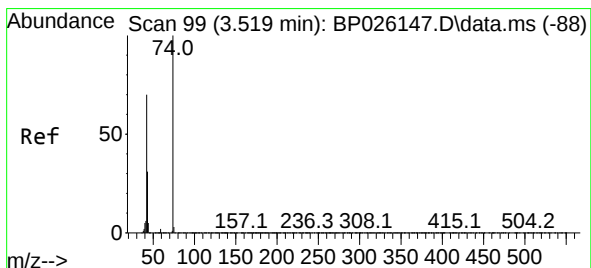
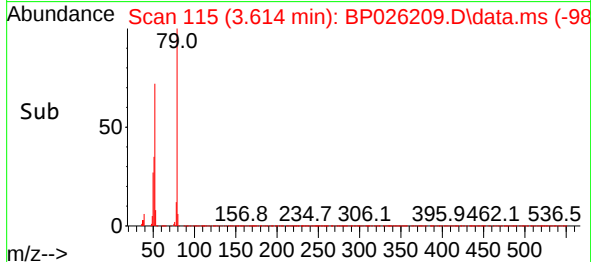
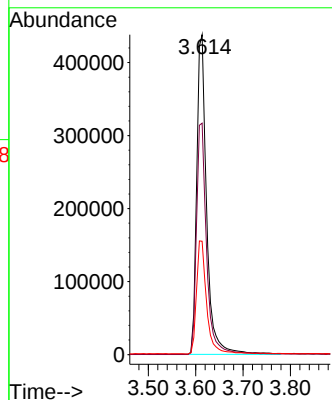
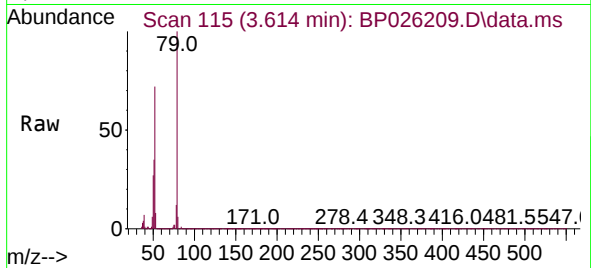




#3
Pyridine
Concen: 32.644 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

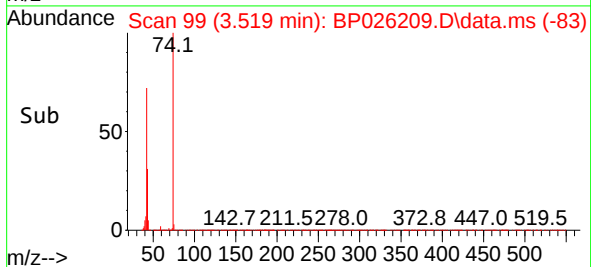
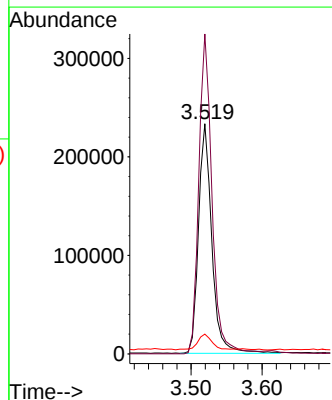
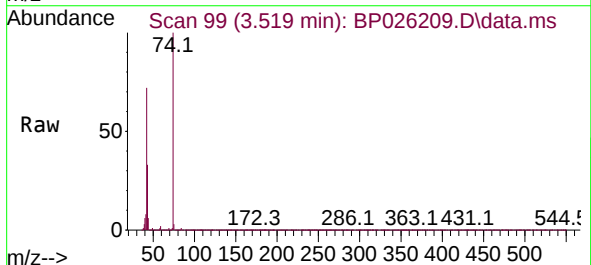
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BNA_P
ClientSampleId :
PB170782BS

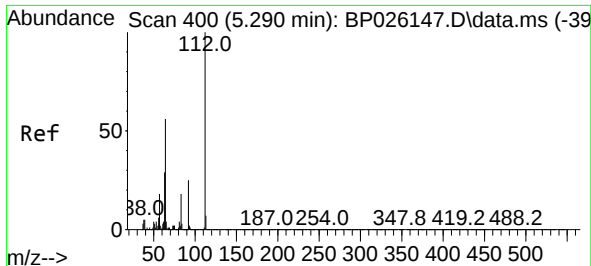
Tgt Ion: 79 Resp: 641244
Ion Ratio Lower Upper
79 100
52 72.3 60.2 90.2
51 35.4 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 41.329 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 42 Resp: 303418
Ion Ratio Lower Upper
42 100
74 139.0 118.1 177.1
44 8.6 6.2 9.4

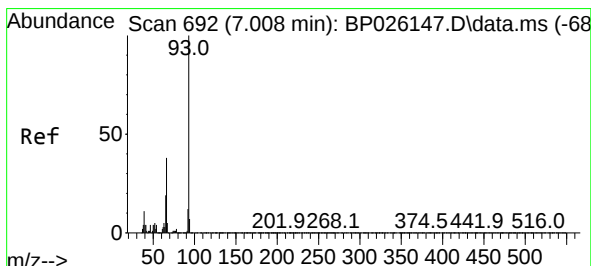
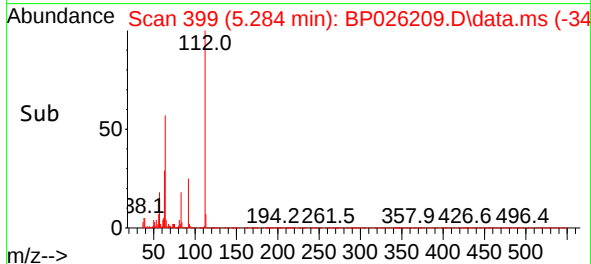
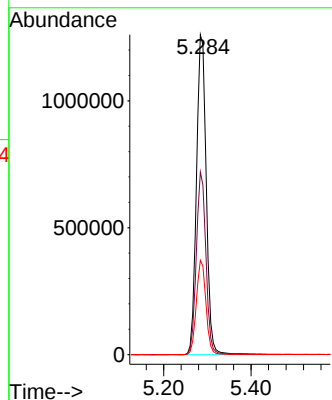
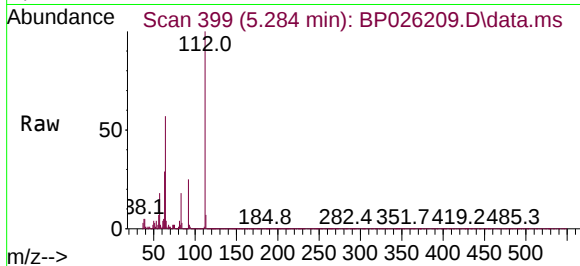




#5
2-Fluorophenol
Concen: 116.965 ng
RT: 5.284 min Scan# 39
Delta R.T. -0.006 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

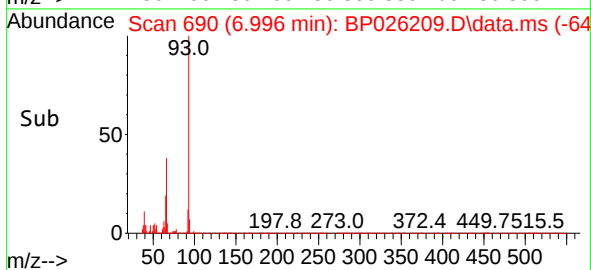
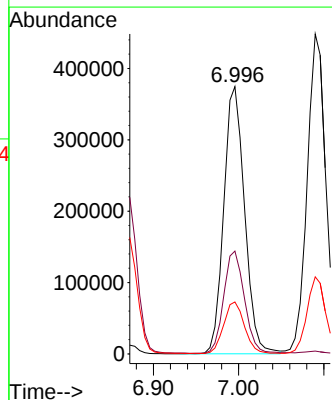
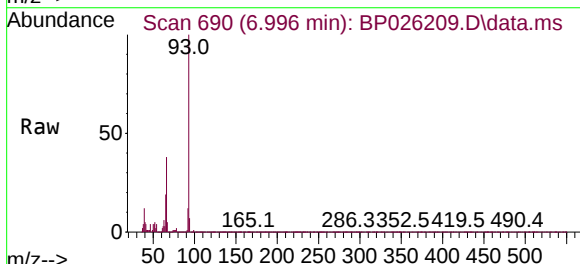
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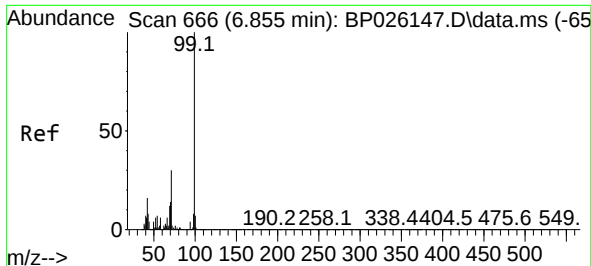
Tgt Ion:112 Resp: 1960111
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 29.5 23.5 35.3



#6
Aniline
Concen: 22.567 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 93 Resp: 635687
Ion Ratio Lower Upper
93 100
66 38.5 31.7 47.5
65 19.4 15.8 23.6



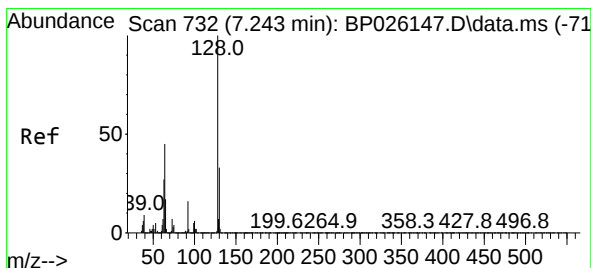
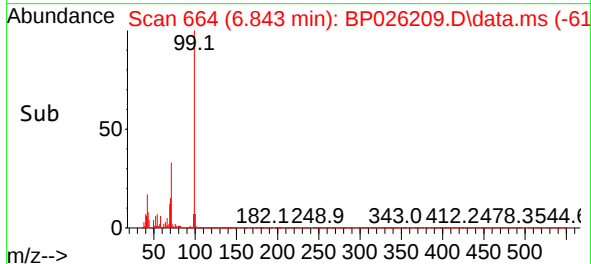
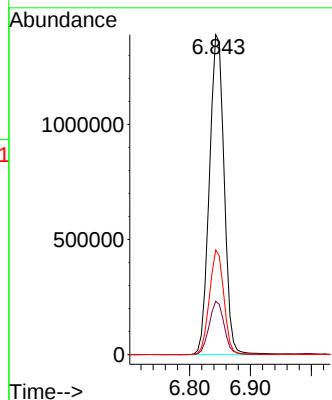
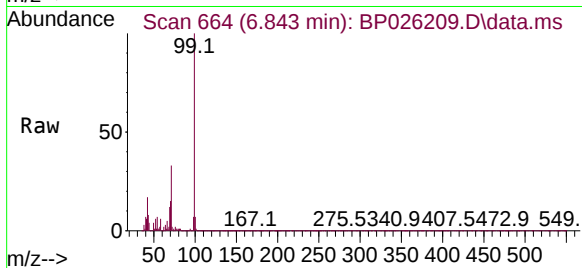


#7
Phenol-d6
Concen: 109.940 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Instrument :
BNA_P
ClientSampleId :
PB170782BS

Tgt Ion: 99 Resp: 2345492

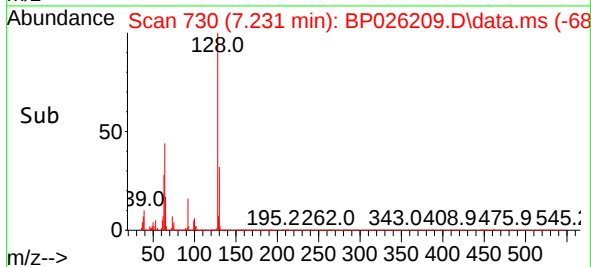
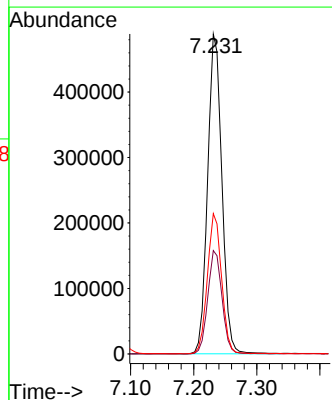
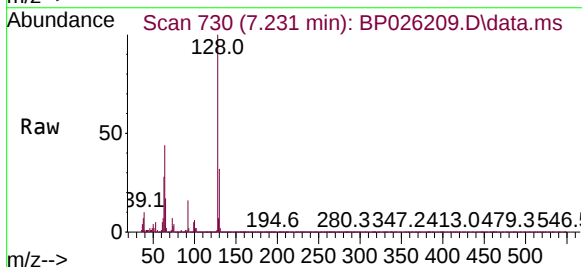
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.9	19.3
71	32.7	24.8	37.2

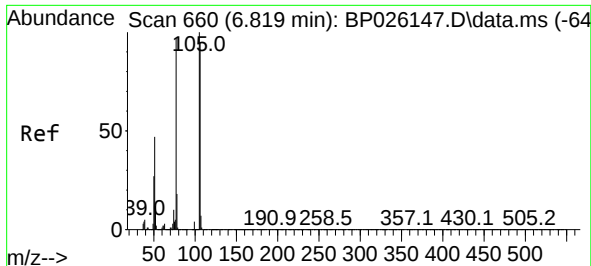


#8
2-Chlorophenol
Concen: 40.220 ng
RT: 7.231 min Scan# 730
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 128 Resp: 767208

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	43.8	23.9	63.9

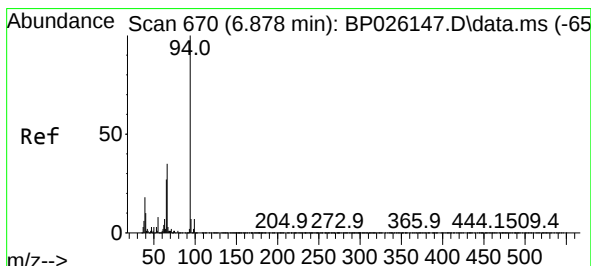
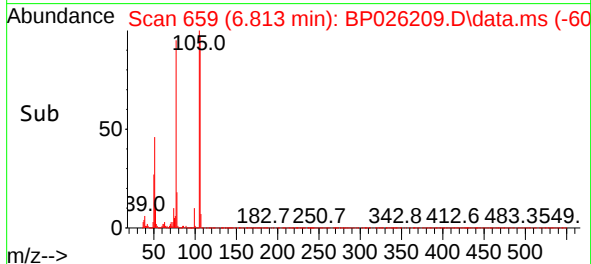
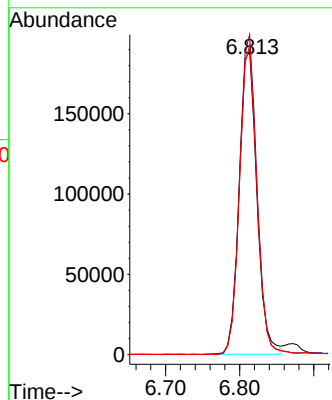
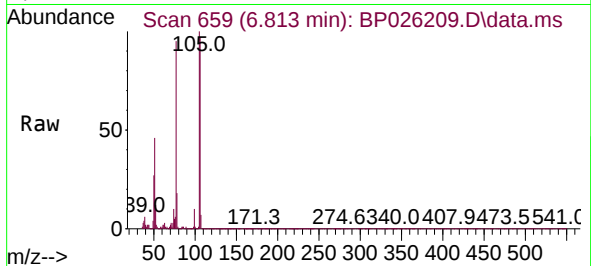




#9
Benzaldehyde
Concen: 28.039 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

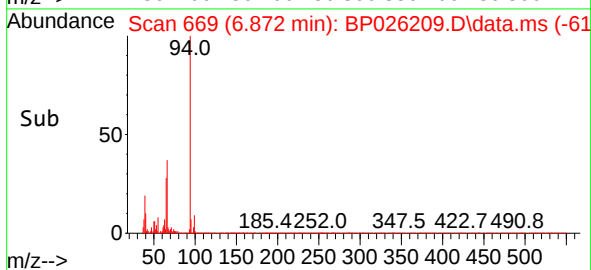
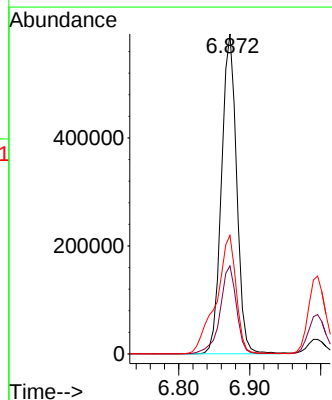
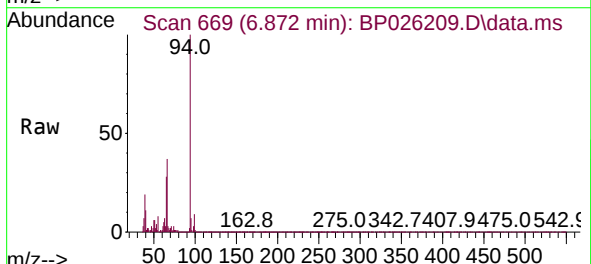
Instrument :
BNA_P
ClientSampleId :
PB170782BS

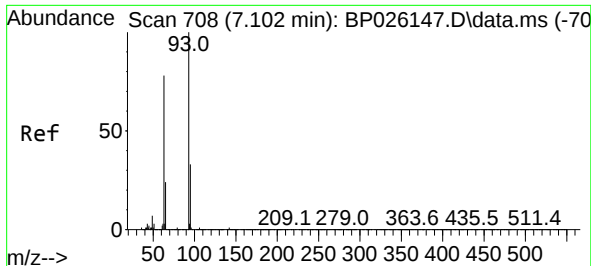
Tgt Ion: 77 Resp: 313482
Ion Ratio Lower Upper
77 100
105 105.2 82.9 122.9
106 101.7 77.8 117.8



#10
Phenol
Concen: 38.273 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 94 Resp: 879635
Ion Ratio Lower Upper
94 100
65 27.5 7.0 47.0
66 37.0 14.5 54.5

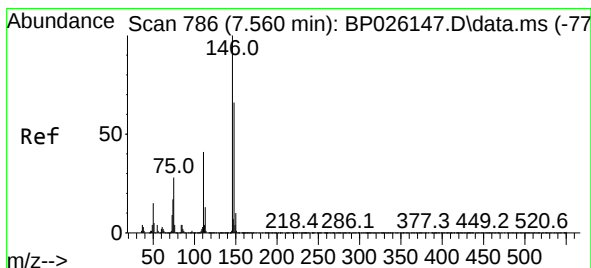
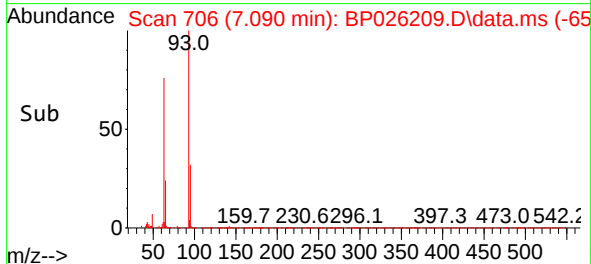
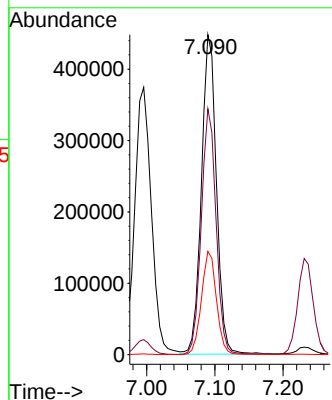
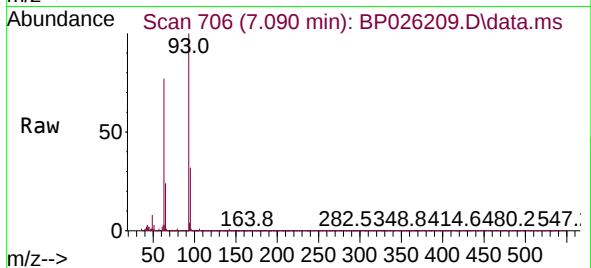




#11
bis(2-Chloroethyl)ether
Concen: 38.145 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

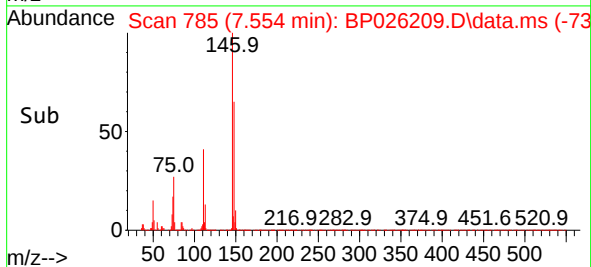
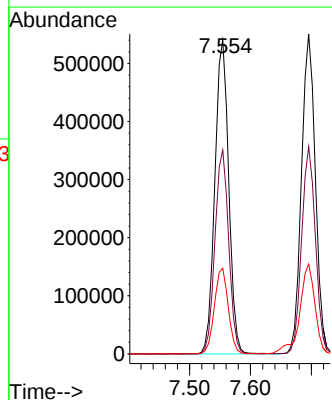
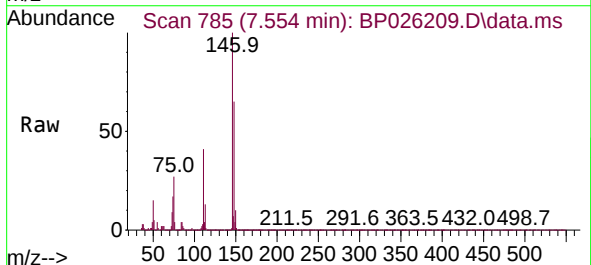
Instrument :
BNA_P
ClientSampleId :
PB170782BS

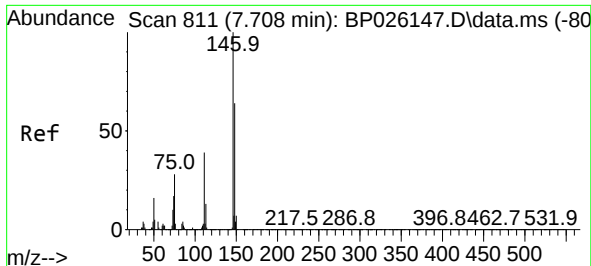
Tgt Ion: 93 Resp: 686434
Ion Ratio Lower Upper
93 100
63 76.8 58.8 98.8
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.544 ng
RT: 7.554 min Scan# 785
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:146 Resp: 853747
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 27.4 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 42.054 ng

RT: 7.696 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

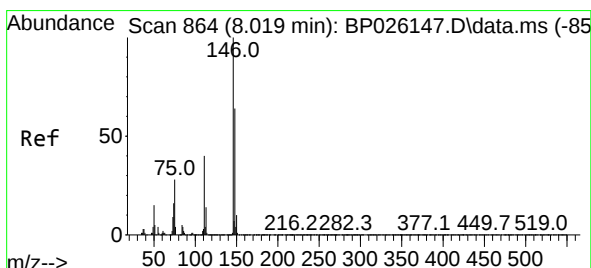
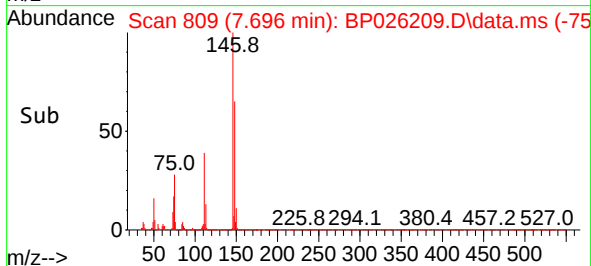
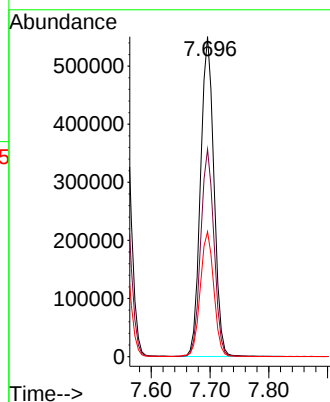
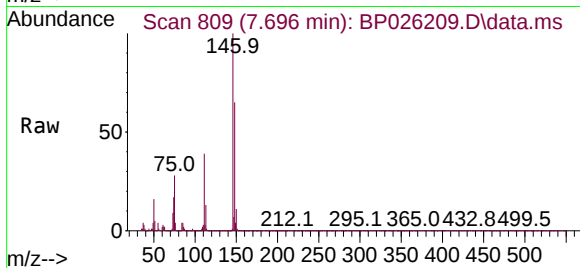
Tgt Ion:146 Resp: 870850

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

111 39.0 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 41.738 ng

RT: 8.007 min Scan# 862

Delta R.T. -0.006 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

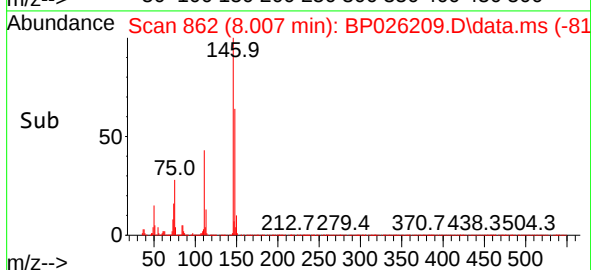
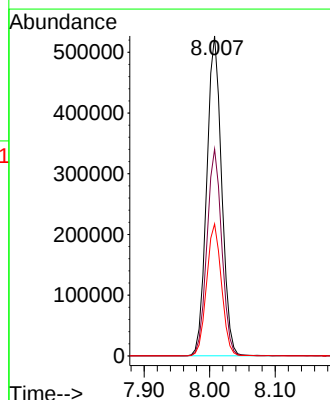
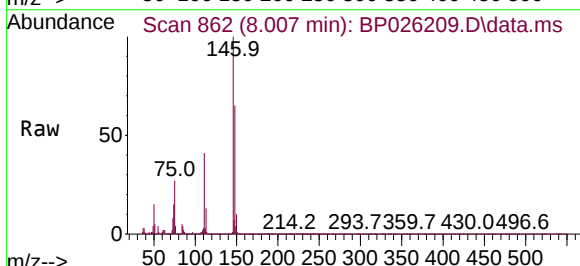
Tgt Ion:146 Resp: 829950

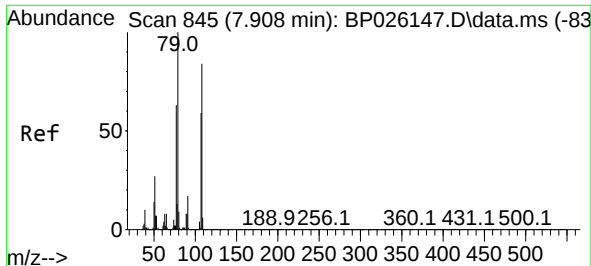
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 41.2 33.0 49.4

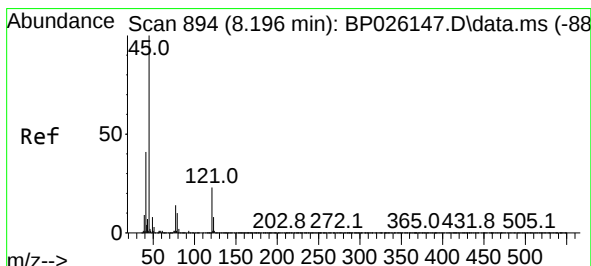
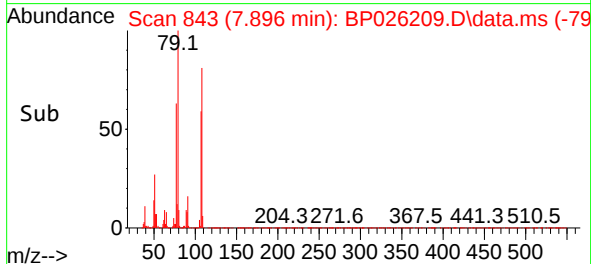
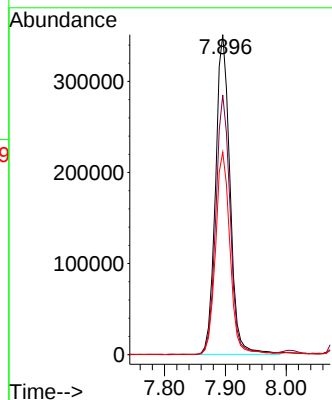
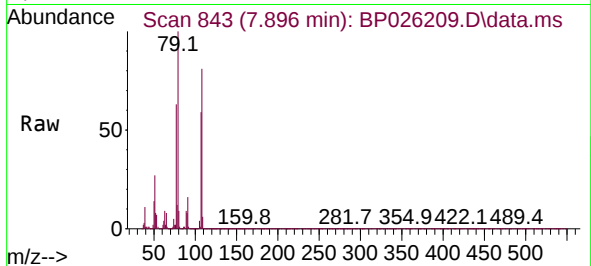




#15
Benzyl Alcohol
Concen: 37.174 ng
RT: 7.896 min Scan# 845
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

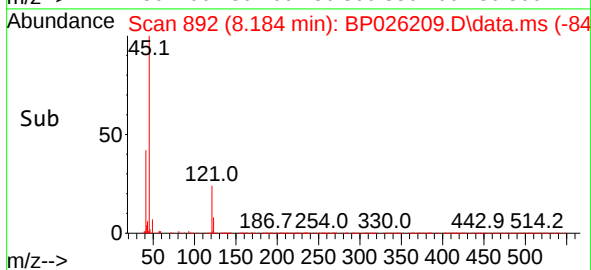
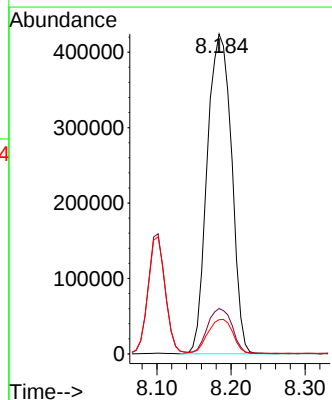
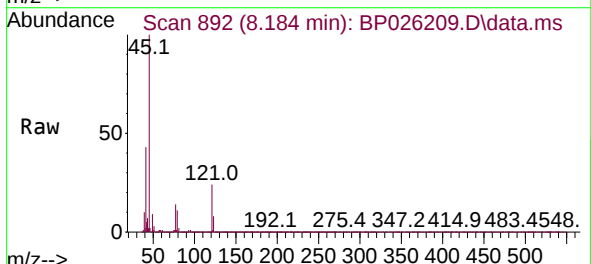
Instrument :
BNA_P
ClientSampleId :
PB170782BS

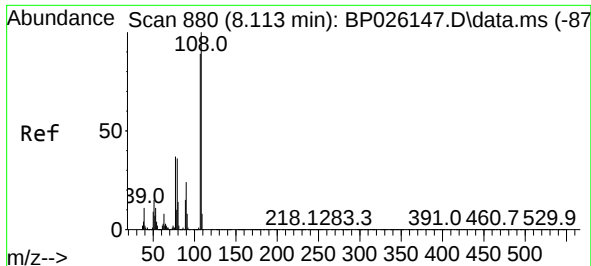
Tgt Ion: 79 Resp: 581014
Ion Ratio Lower Upper
79 100
108 81.2 66.2 99.4
77 63.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.224 ng
RT: 8.184 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 45 Resp: 966034
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.9
79 10.7 0.0 30.4



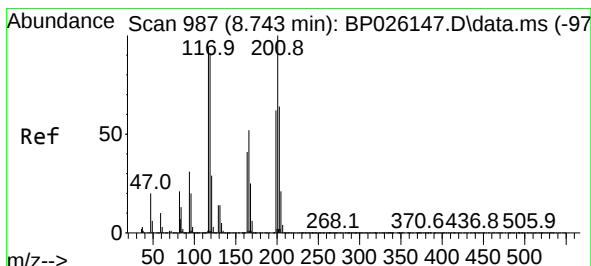
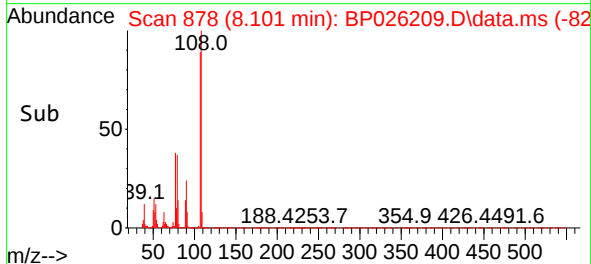
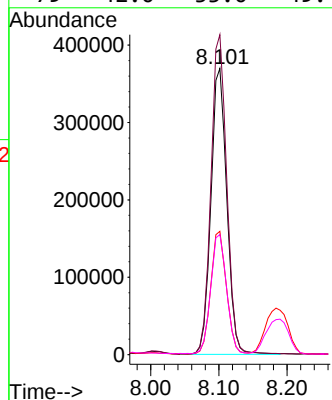
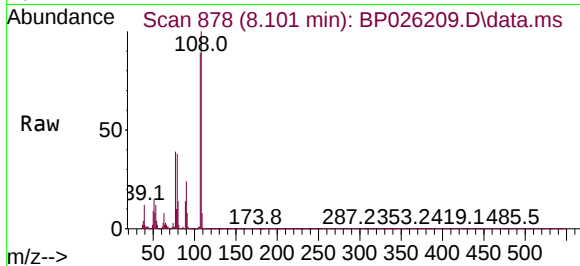


#17
2-Methylphenol
Concen: 38.177 ng
RT: 8.101 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Instrument :
BNA_P
ClientSampleId :
PB170782BS

Tgt Ion:107 Resp: 597295

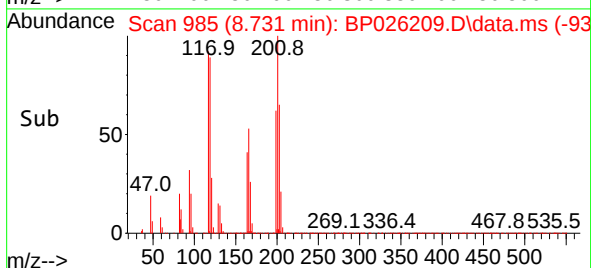
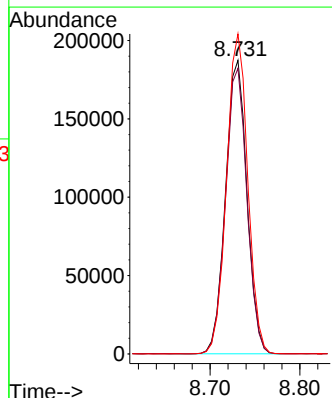
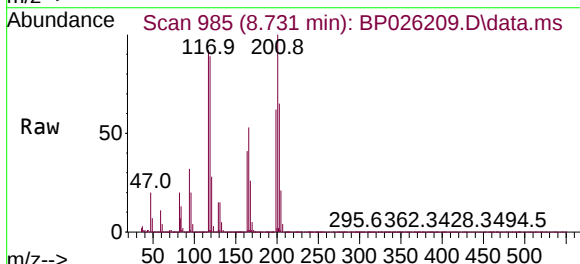
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.7	134.5
77	43.1	33.9	50.9
79	42.0	33.0	49.4

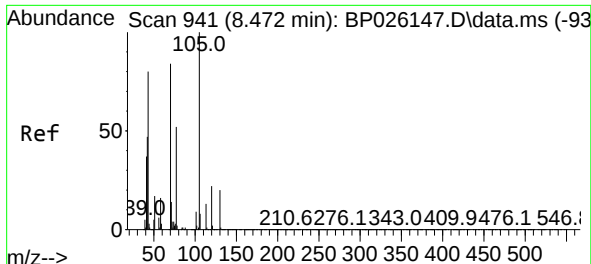


#18
Hexachloroethane
Concen: 41.479 ng
RT: 8.731 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:117 Resp: 312531

Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.7	118.1
201	109.0	85.1	127.7



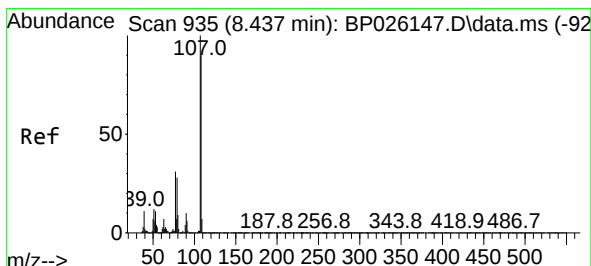
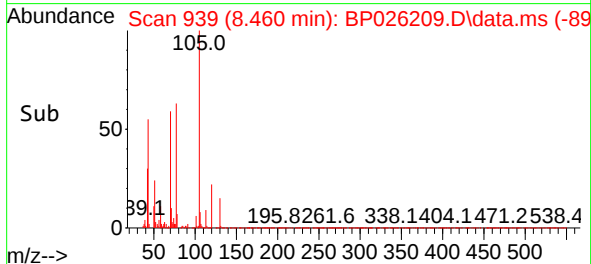
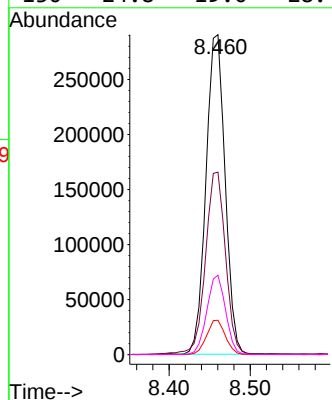
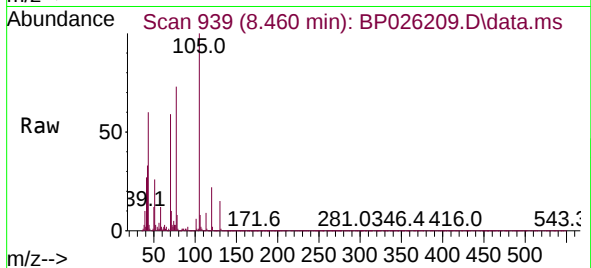


#19
n-Nitroso-di-n-propylamine
Concen: 35.864 ng
RT: 8.460 min Scan# 931
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Instrument :
BNA_P
ClientSampleId :
PB170782BS

Tgt Ion: 70 Resp: 475331

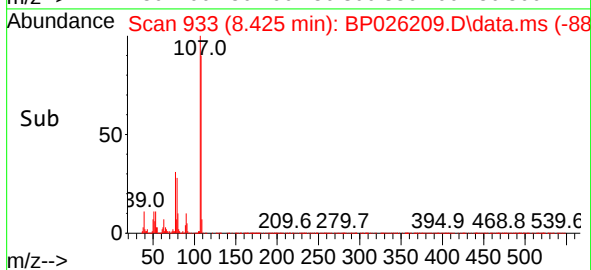
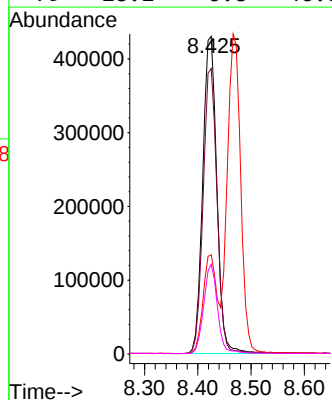
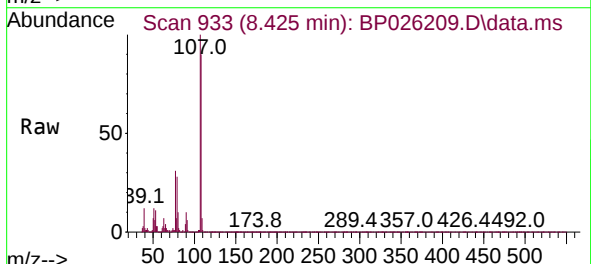
Ion	Ratio	Lower	Upper
70	100		
42	57.0	44.1	66.1
101	10.8	8.2	12.4
130	24.8	19.0	28.4

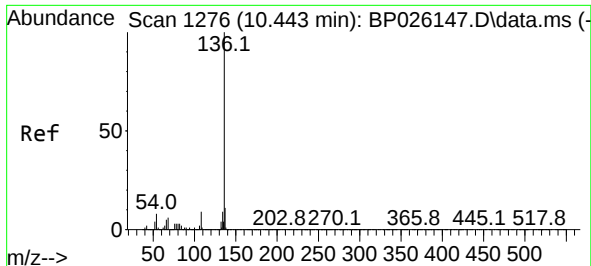


#20
3+4-Methylphenols
Concen: 36.495 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 107 Resp: 791206

Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.9	108.9
77	31.2	10.4	50.4
79	28.2	6.8	46.8



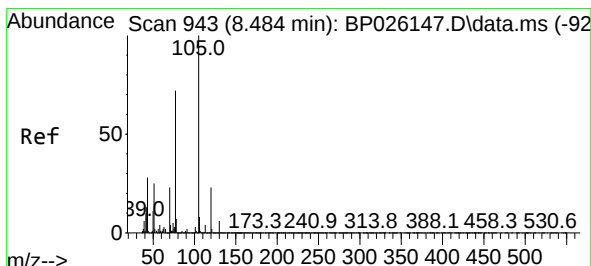
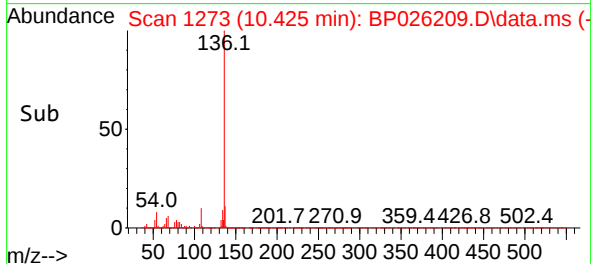
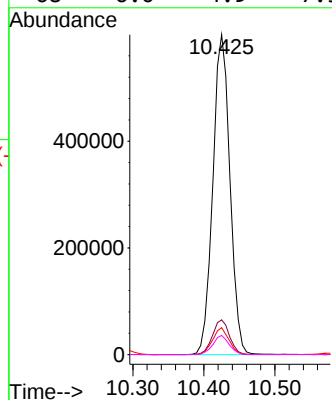
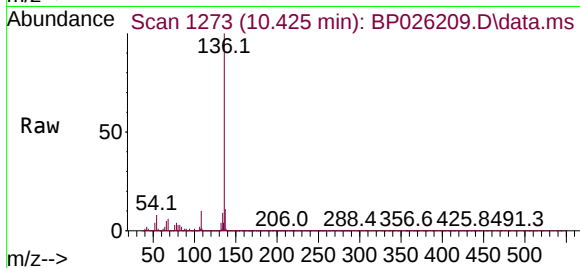


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Instrument :
BNA_P
ClientSampleId :
PB170782BS

Tgt Ion:136 Resp: 1004806

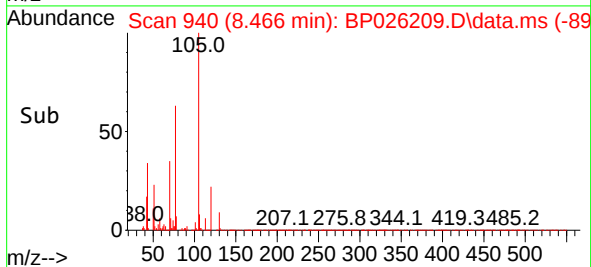
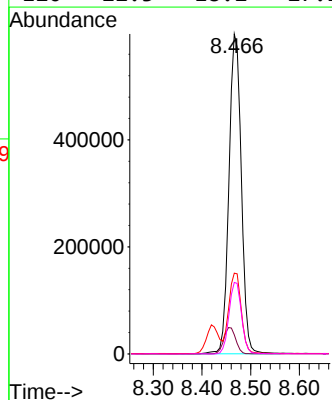
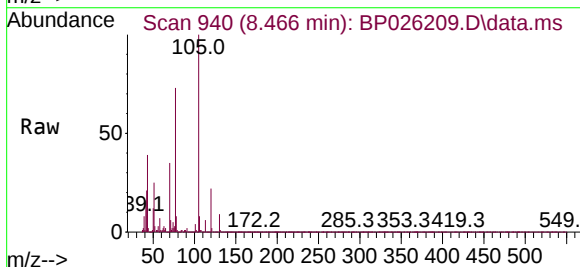
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.4	6.4	9.6
68	6.0	4.9	7.3

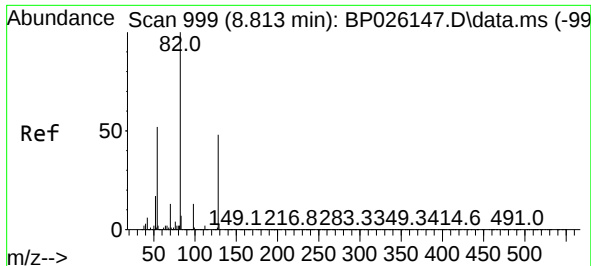


#22
Acetophenone
Concen: 41.104 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:105 Resp: 1049787

Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.0	4.4#
51	25.2	20.5	30.7
120	22.3	18.2	27.2





#23

Nitrobenzene-d5

Concen: 79.487 ng

RT: 8.801 min Scan# 99

Delta R.T. -0.012 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

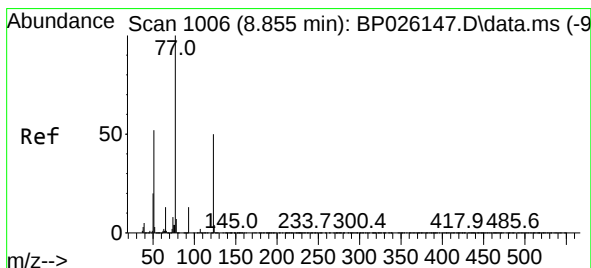
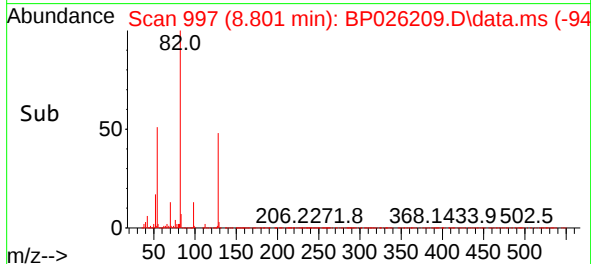
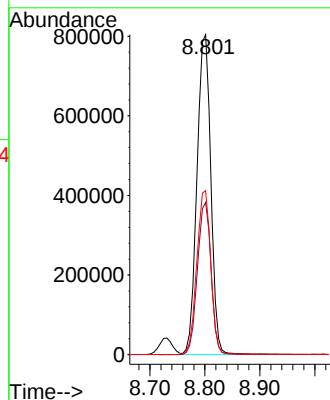
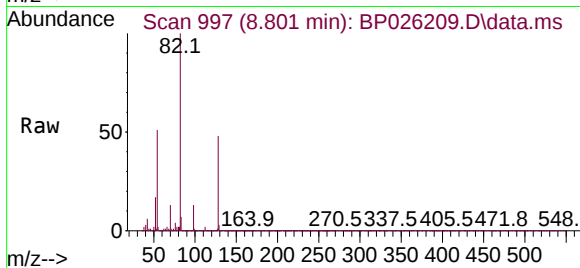
BNA_P

ClientSampleId :

PB170782BS

Tgt Ion: 82 Resp: 1406083

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.2	41.6	62.4



#24

Nitrobenzene

Concen: 41.038 ng

RT: 8.843 min Scan# 1004

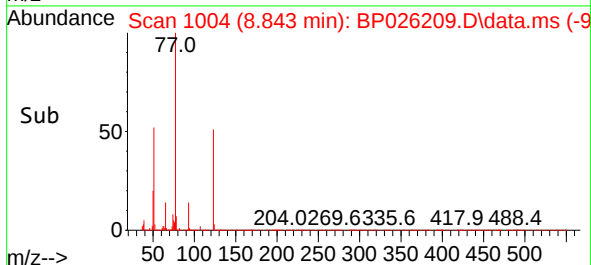
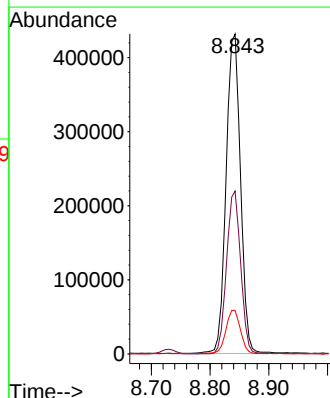
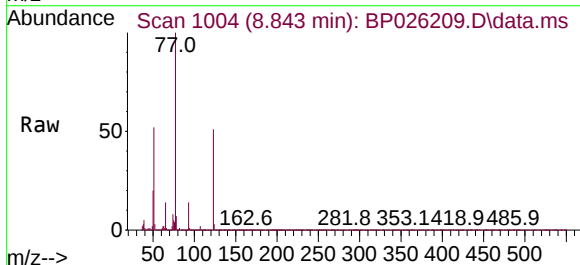
Delta R.T. -0.012 min

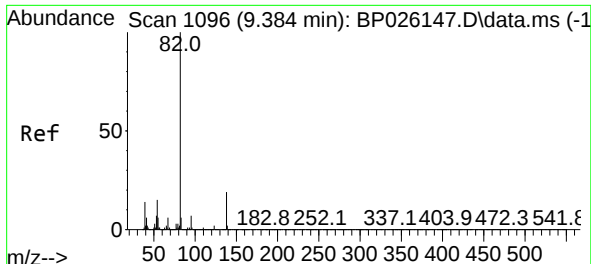
Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Tgt Ion: 77 Resp: 734327

Ion	Ratio	Lower	Upper
77	100		
123	50.9	39.8	59.8
65	13.6	11.2	16.8

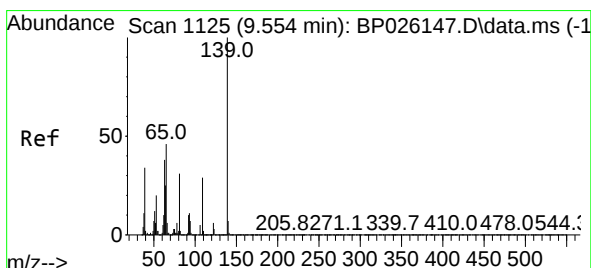
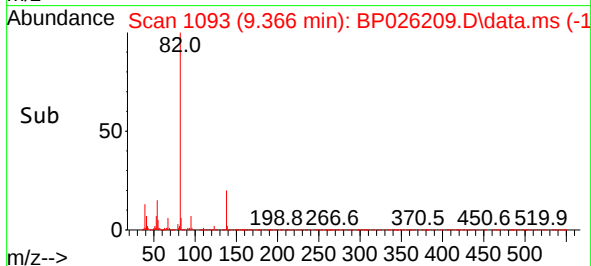
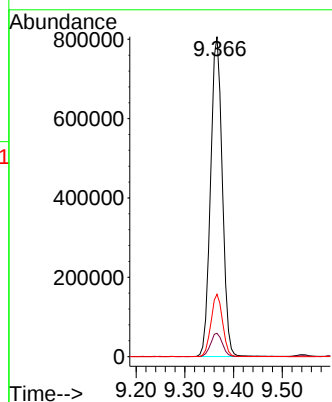
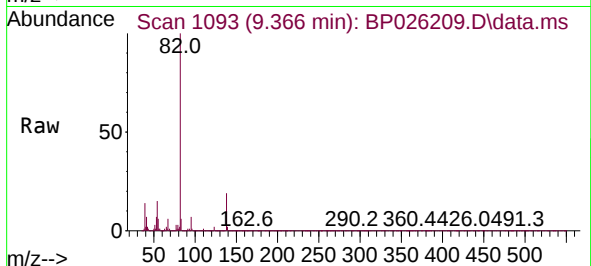




#25
Isophorone
Concen: 38.624 ng
RT: 9.366 min Scan# 1096
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

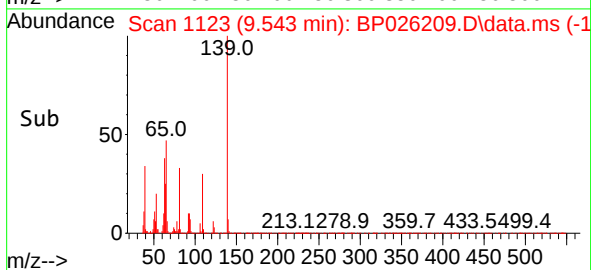
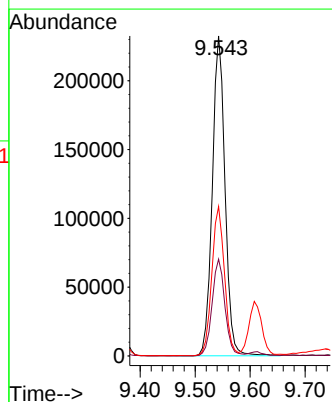
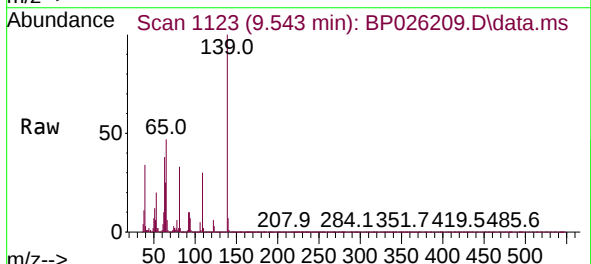
Instrument :
BNA_P
ClientSampleId :
PB170782BS

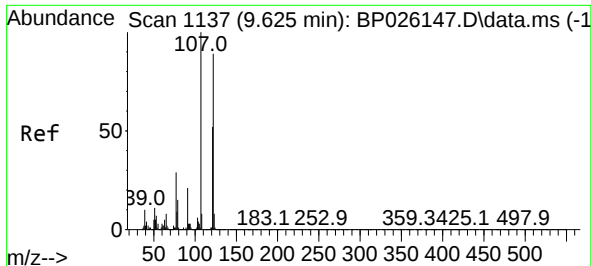
Tgt Ion: 82 Resp: 1354493
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 19.5 15.4 23.0



#26
2-Nitrophenol
Concen: 41.363 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 139 Resp: 374515
Ion Ratio Lower Upper
139 100
109 30.2 22.3 33.5
65 46.7 37.2 55.8

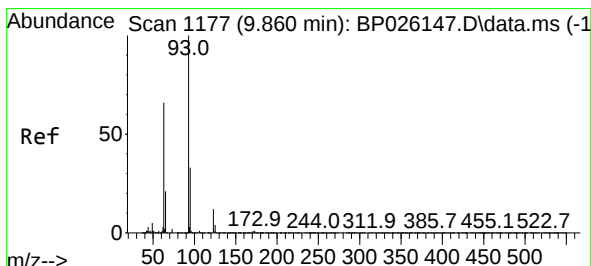
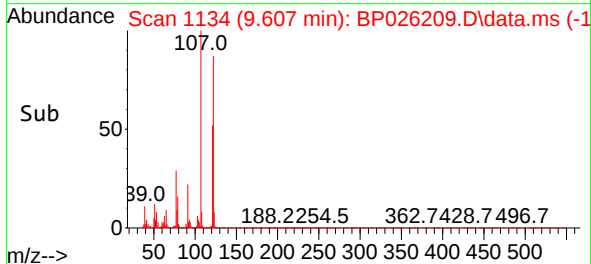
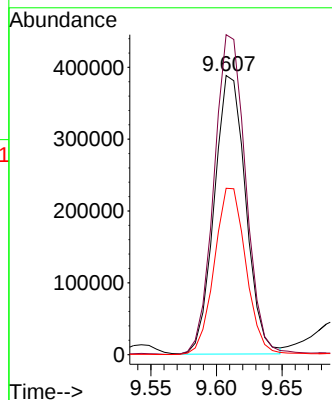
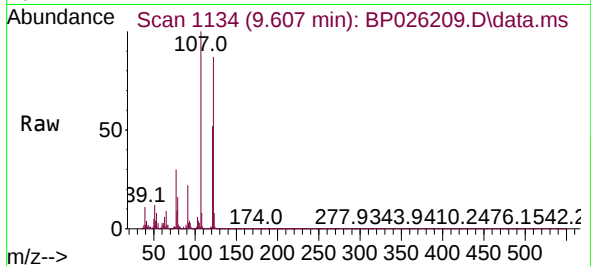




#27
2,4-Dimethylphenol
Concen: 39.704 ng
RT: 9.607 min Scan# 1137
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

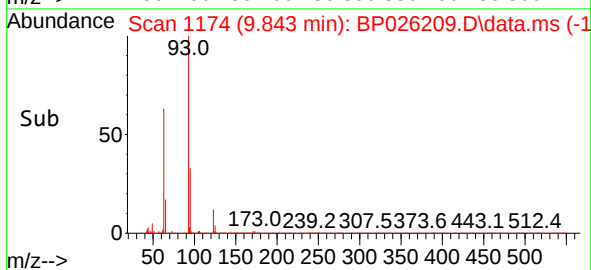
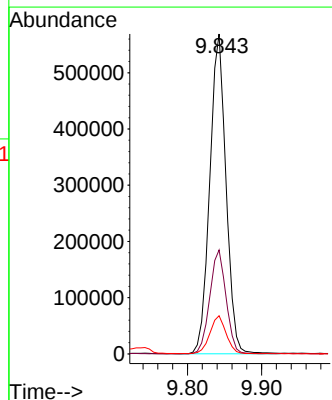
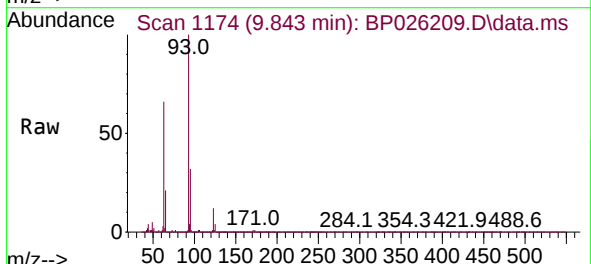
Instrument :
BNA_P
ClientSampleId :
PB170782BS

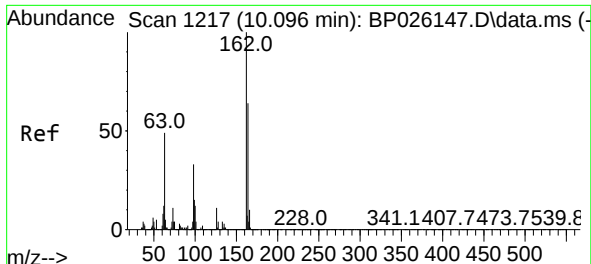
Tgt Ion:122 Resp: 648242
Ion Ratio Lower Upper
122 100
107 114.7 91.0 136.6
121 59.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.449 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 93 Resp: 866430
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: 41.425 ng

RT: 10.078 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

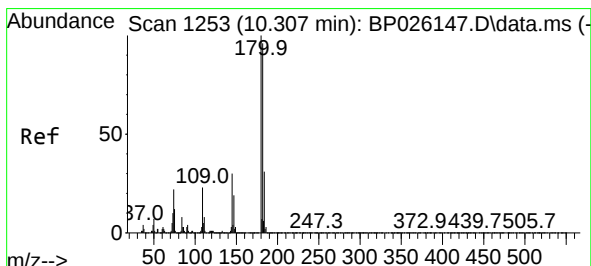
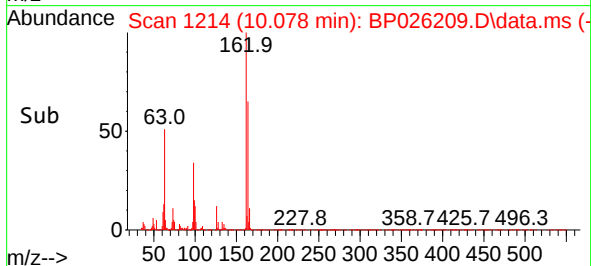
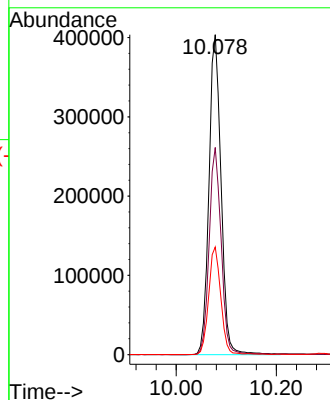
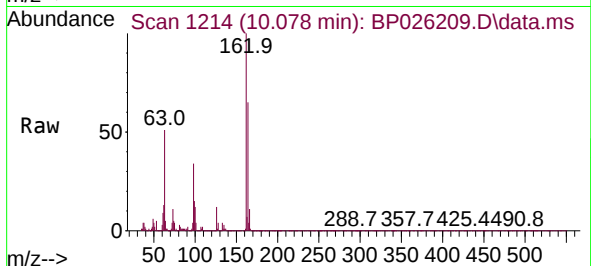
Tgt Ion:162 Resp: 675987

Ion Ratio Lower Upper

162 100

164 64.7 43.8 83.8

98 33.6 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 45.555 ng

RT: 10.290 min Scan# 1250

Delta R.T. -0.018 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

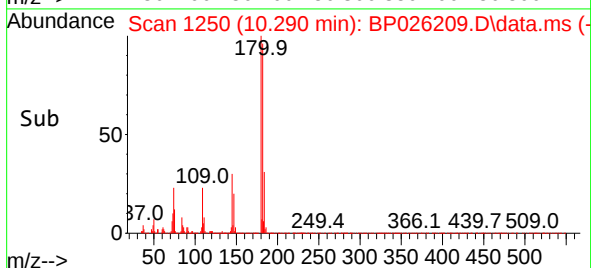
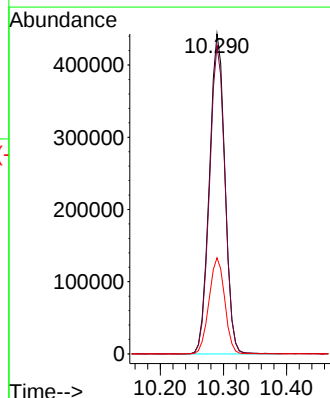
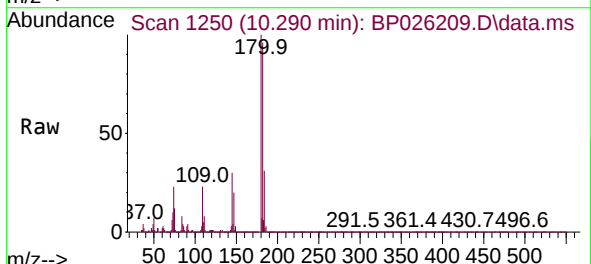
Tgt Ion:180 Resp: 756981

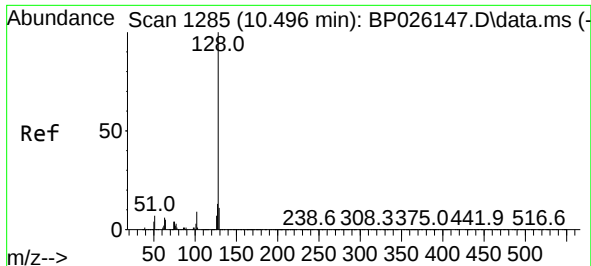
Ion Ratio Lower Upper

180 100

182 96.4 78.1 117.1

145 30.0 24.2 36.4

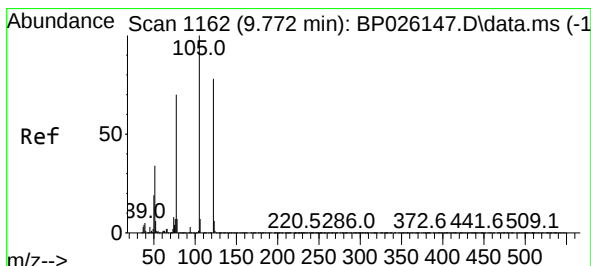
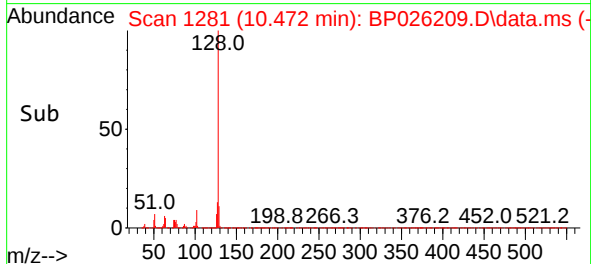
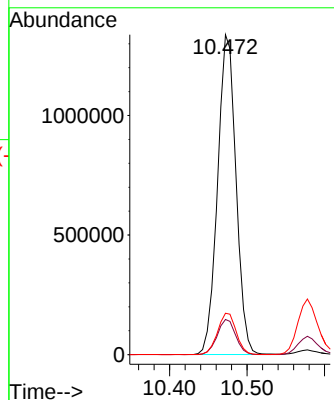
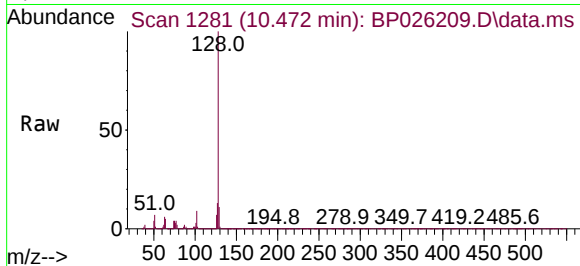




#31
Naphthalene
Concen: 40.764 ng
RT: 10.472 min Scan# 1156
Delta R.T. -0.024 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

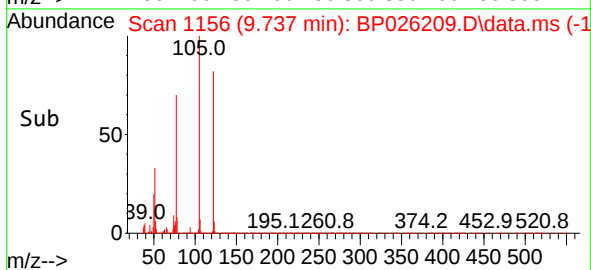
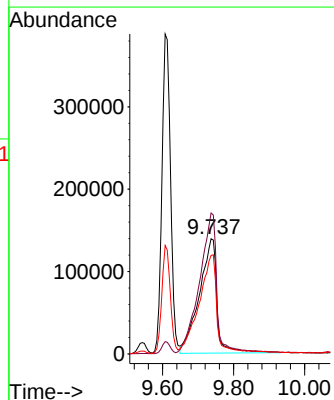
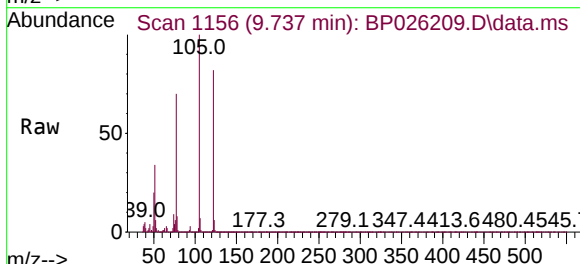
Instrument :
BNA_P
ClientSampleId :
PB170782BS

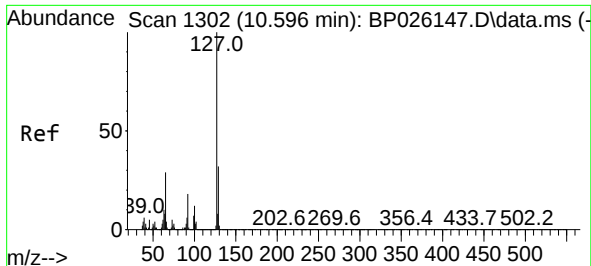
Tgt Ion:128 Resp: 2213682
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 34.959 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:122 Resp: 480659
Ion Ratio Lower Upper
122 100
105 122.3 100.1 140.1
77 85.6 66.7 106.7

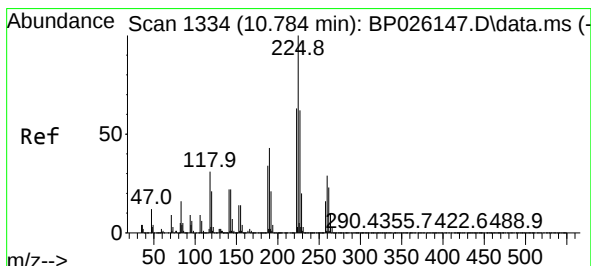
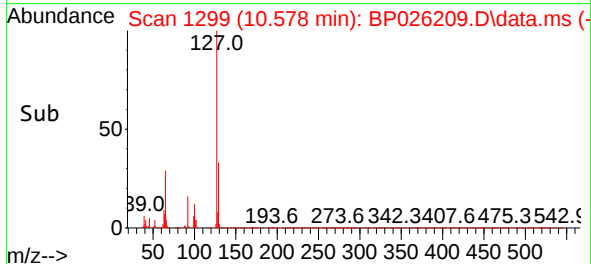
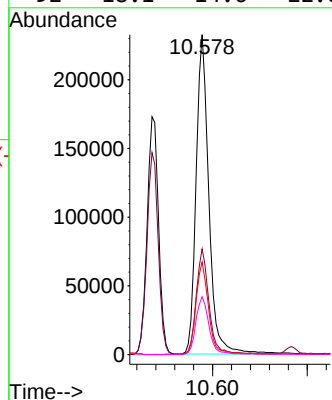
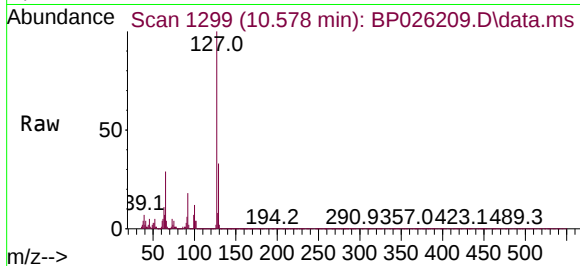




#33
4-Chloroaniline
Concen: 18.868 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

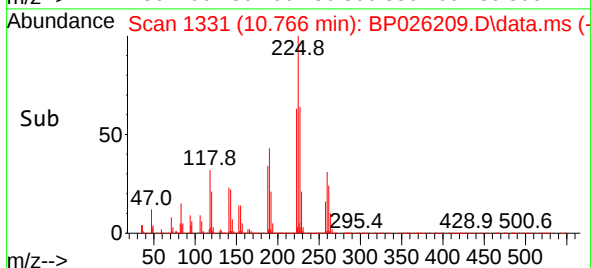
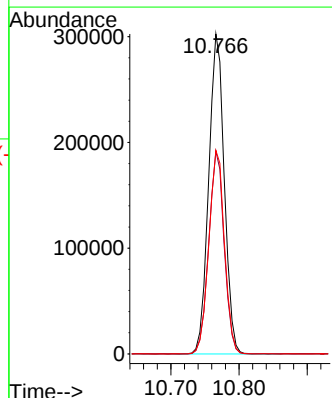
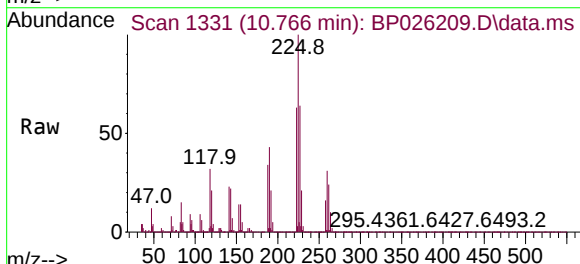
Instrument :
BNA_P
ClientSampleId :
PB170782BS

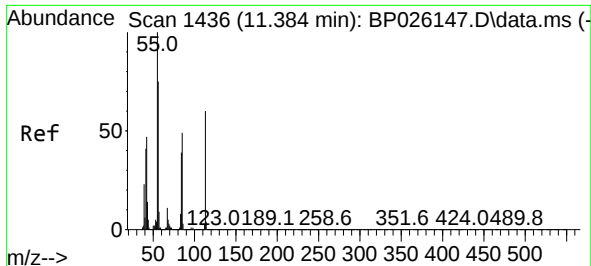
Tgt Ion:	127	Resp:	435742
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	29.0	22.7	34.1
92	18.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 44.393 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:	225	Resp:	479763
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.6	74.4
227	63.6	51.2	76.8

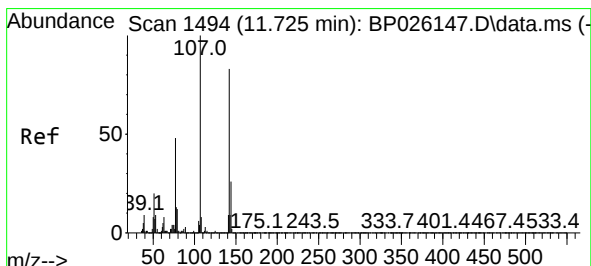
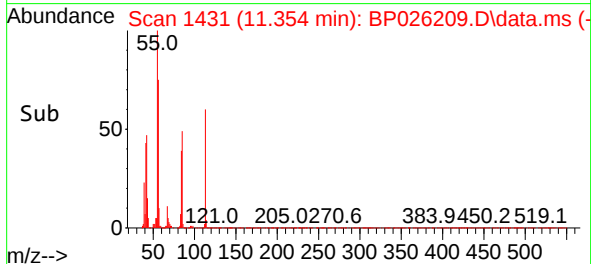
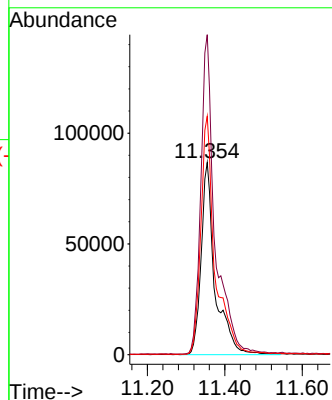
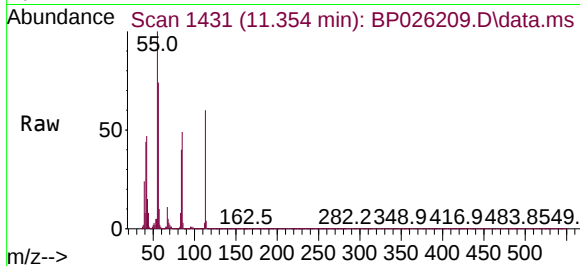




#35
Caprolactam
Concen: 36.911 ng
RT: 11.354 min Scan# 1436
Delta R.T. -0.024 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

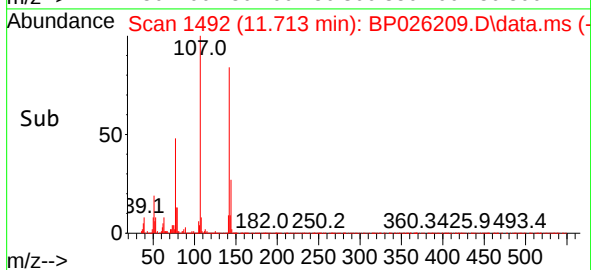
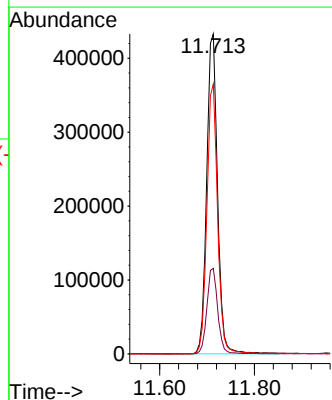
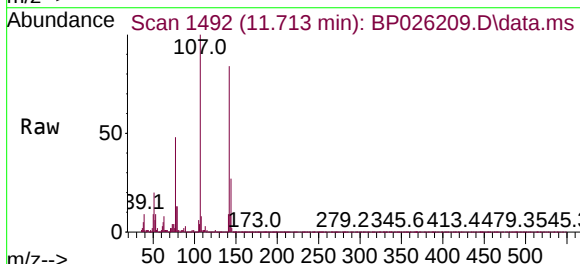
Instrument :
BNA_P
ClientSampleId :
PB170782BS

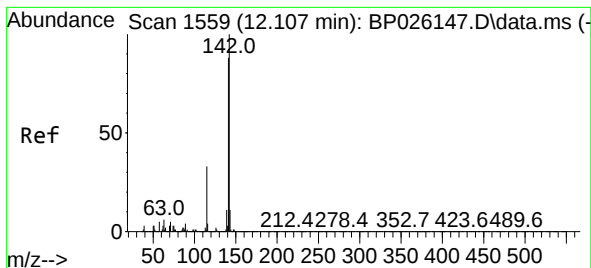
Tgt Ion:113 Resp: 215676
Ion Ratio Lower Upper
113 100
55 166.5 153.0 193.0
56 124.1 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 39.758 ng
RT: 11.713 min Scan# 1492
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:107 Resp: 689560
Ion Ratio Lower Upper
107 100
144 26.7 21.6 32.4
142 84.3 65.6 98.4

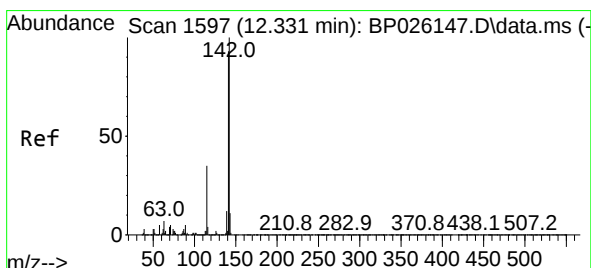
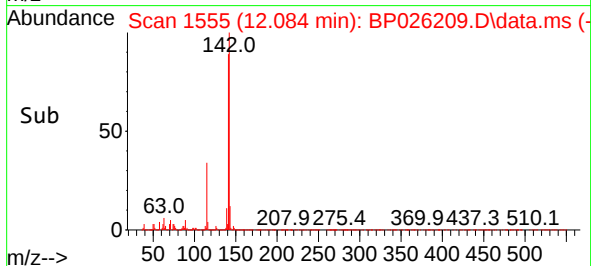
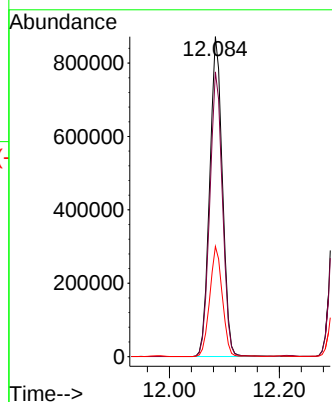
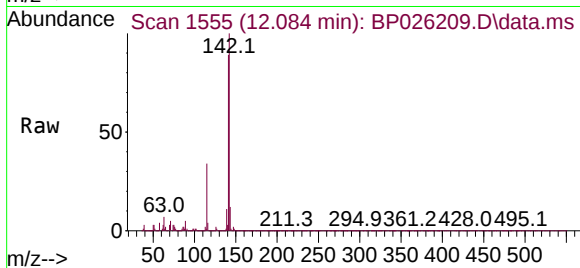




#37
2-Methylnaphthalene
Concen: 36.459 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

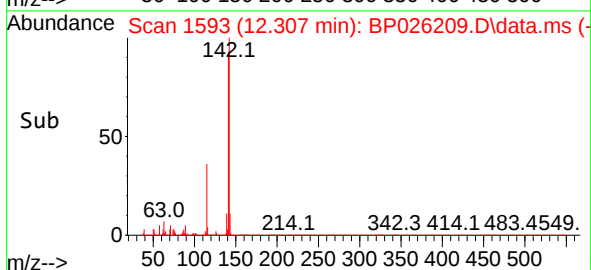
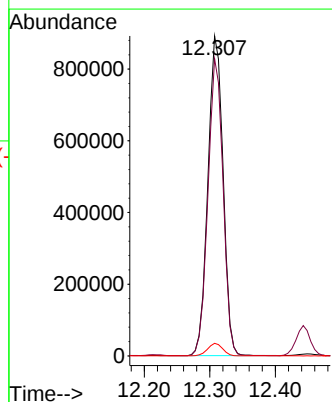
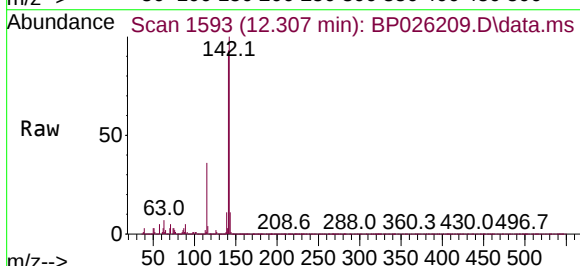
Instrument :
BNA_P
ClientSampleId :
PB170782BS

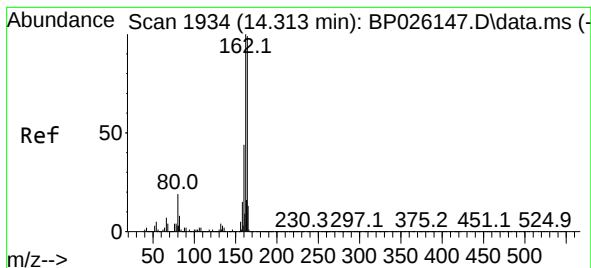
Tgt Ion:142 Resp: 1403623
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 34.5 26.6 39.8



#38
1-Methylnaphthalene
Concen: 38.101 ng
RT: 12.307 min Scan# 1593
Delta R.T. -0.024 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:142 Resp: 1433715
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3
116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.284 min Scan# 1934

Delta R.T. -0.041 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

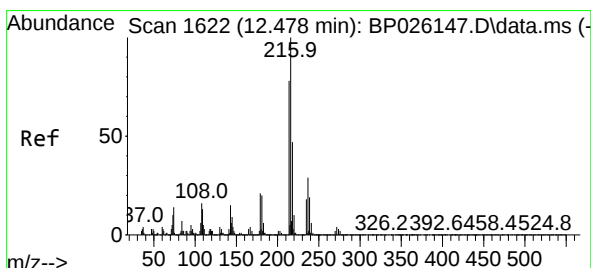
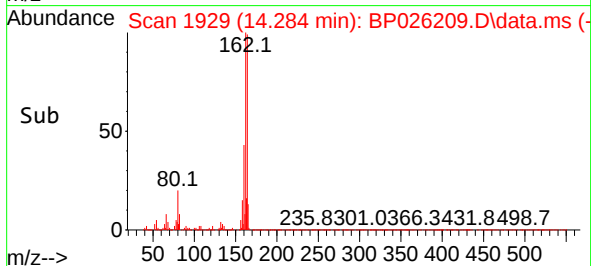
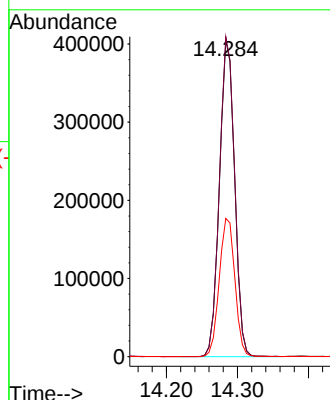
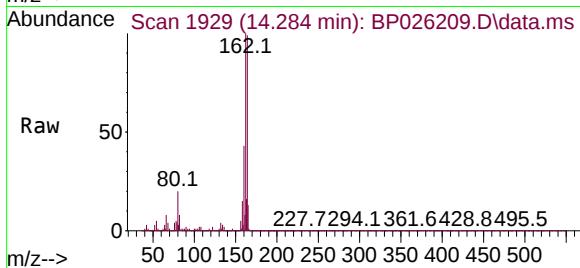
Tgt Ion:164 Resp: 601680

Ion Ratio Lower Upper

164 100

162 101.1 80.3 120.5

160 43.7 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.070 ng

RT: 12.454 min Scan# 1618

Delta R.T. -0.035 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Tgt Ion:216 Resp: 819974

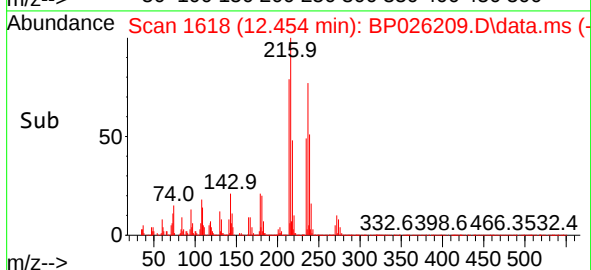
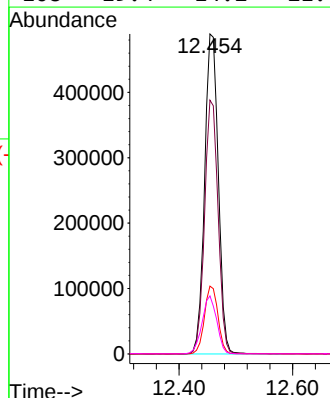
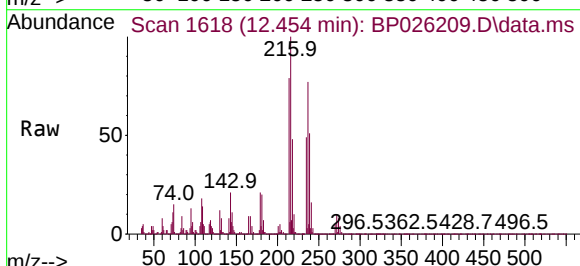
Ion Ratio Lower Upper

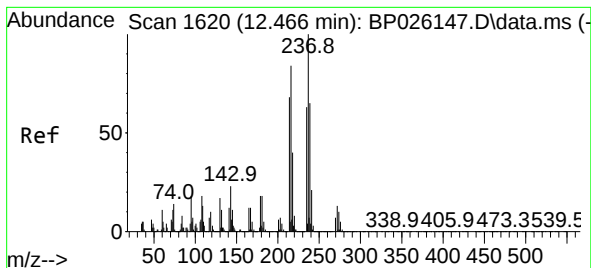
216 100

214 78.3 62.6 94.0

179 20.9 16.6 25.0

108 19.4 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 89.739 ng

RT: 12.442 min Scan# 10

Delta R.T. -0.029 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

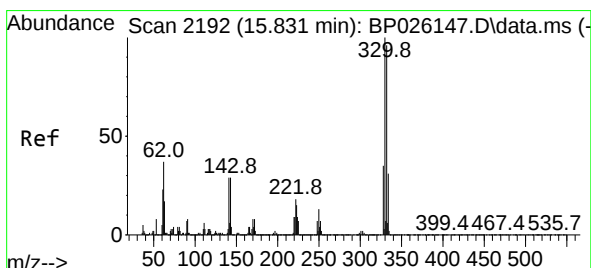
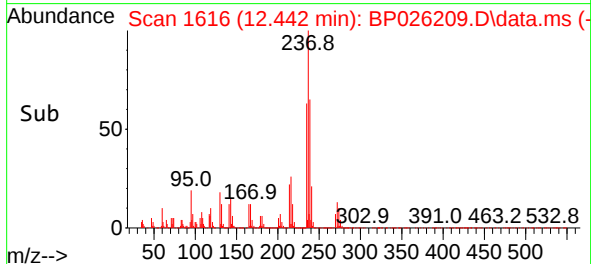
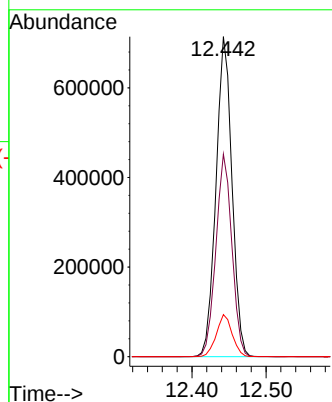
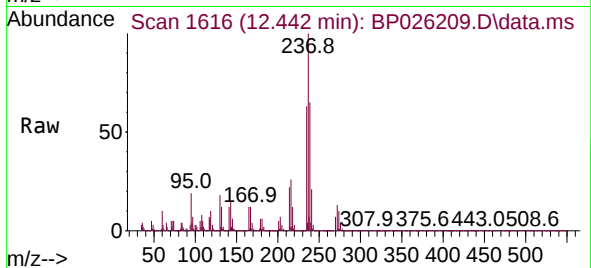
Tgt Ion:237 Resp: 1068505

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: 130.778 ng

RT: 15.801 min Scan# 2187

Delta R.T. -0.035 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

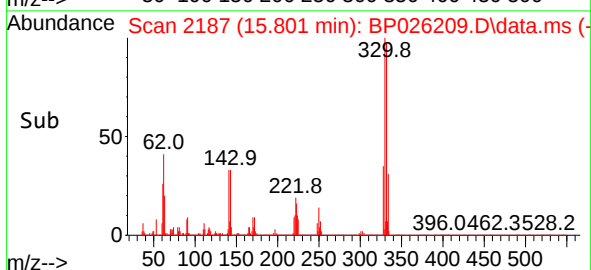
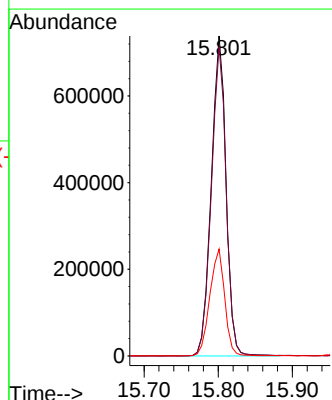
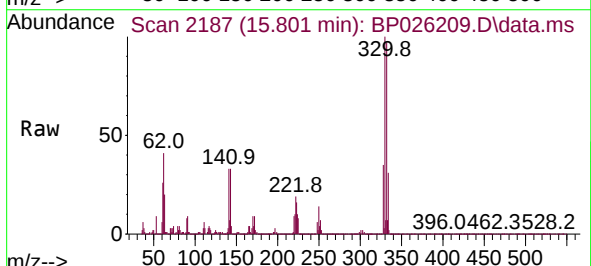
Tgt Ion:330 Resp: 1020756

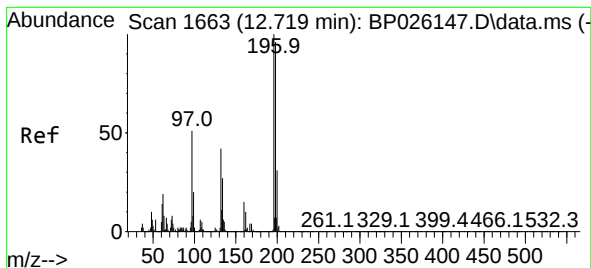
Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 33.6 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 43.415 ng

RT: 12.701 min Scan# 1660

Delta R.T. -0.024 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

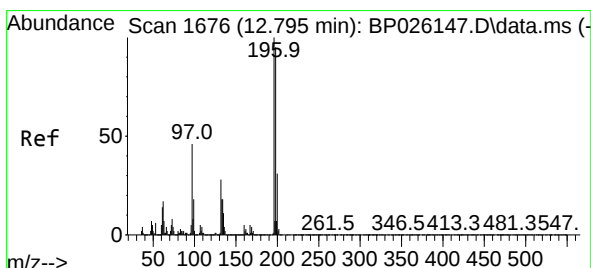
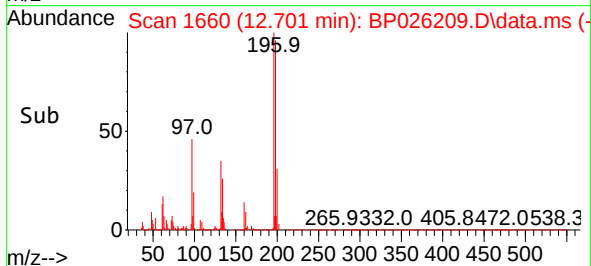
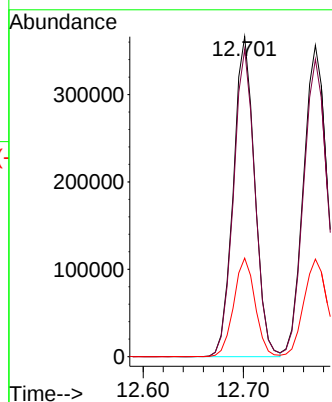
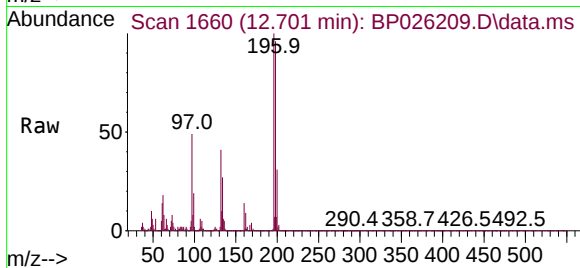
Tgt Ion:196 Resp: 541505

Ion Ratio Lower Upper

196 100

198 96.0 76.9 115.3

200 30.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.927 ng

RT: 12.772 min Scan# 1672

Delta R.T. -0.029 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Tgt Ion:196 Resp: 597658

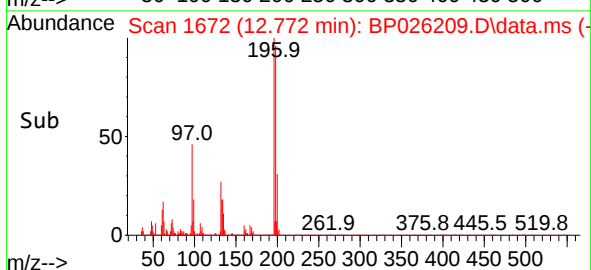
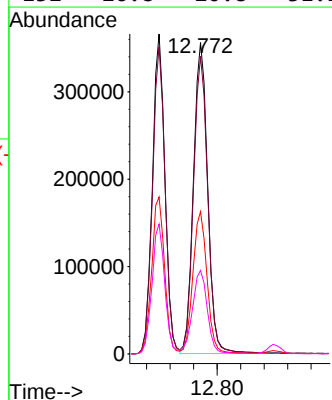
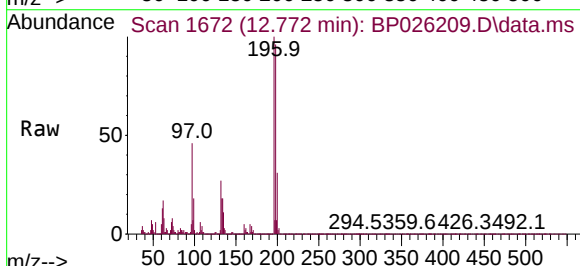
Ion Ratio Lower Upper

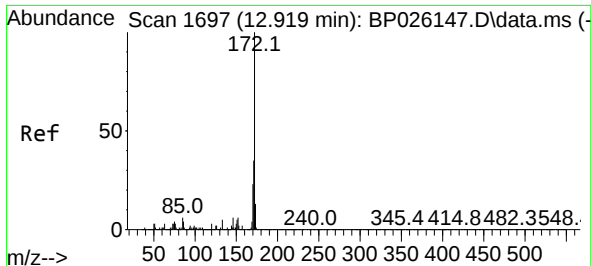
196 100

198 95.5 76.4 114.6

97 45.7 35.7 53.5

132 26.8 20.8 31.2

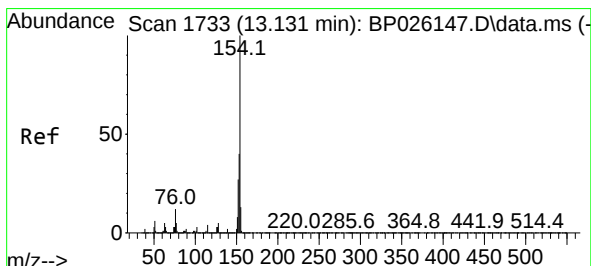
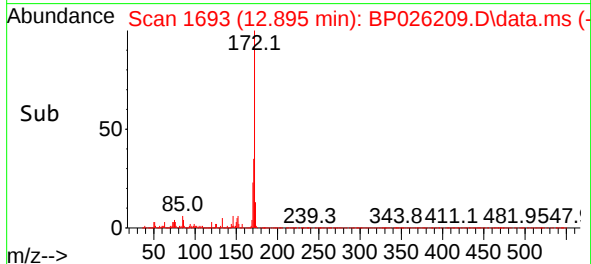
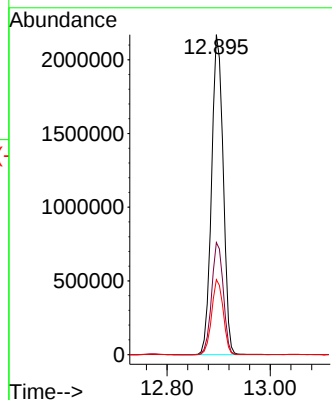
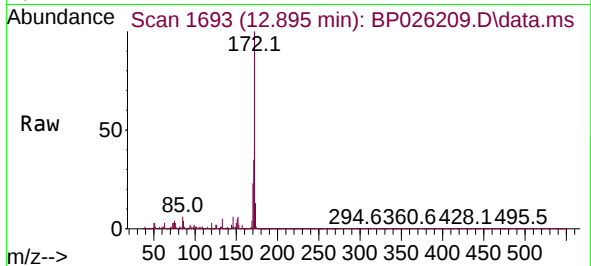




#45
2-Fluorobiphenyl
Concen: 82.667 ng
RT: 12.895 min Scan# 1697
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

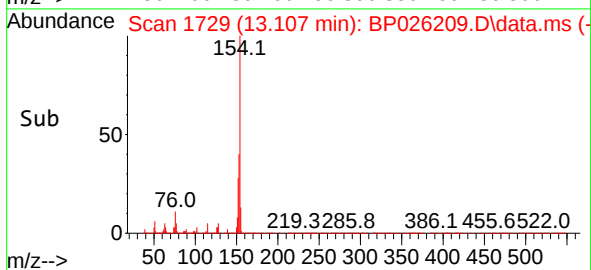
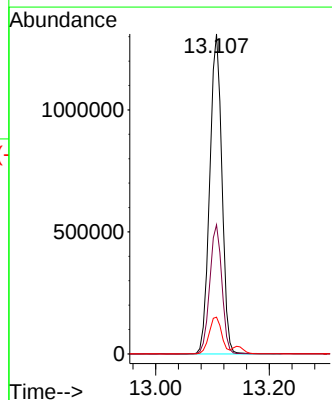
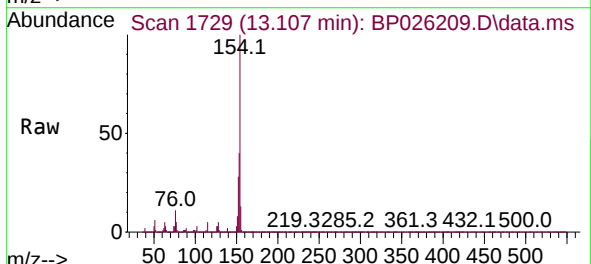
Instrument :
BNA_P
ClientSampleId :
PB170782BS

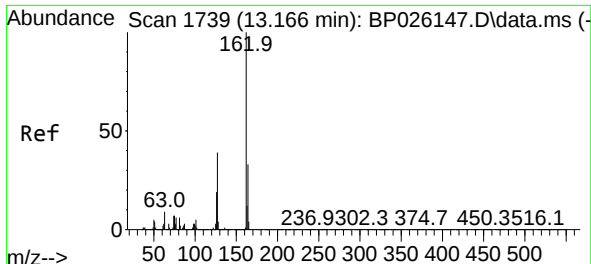
Tgt Ion:172 Resp: 3393780
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 43.100 ng
RT: 13.107 min Scan# 1729
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:154 Resp: 1952693
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 11.5 0.0 32.3





#47

2-Chloronaphthalene

Concen: 42.389 ng

RT: 13.142 min Scan# 1735

Delta R.T. -0.041 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

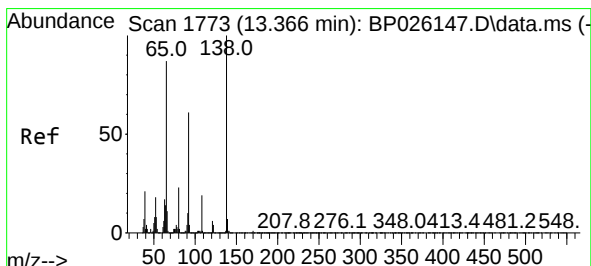
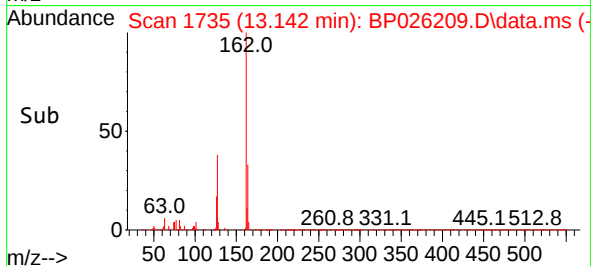
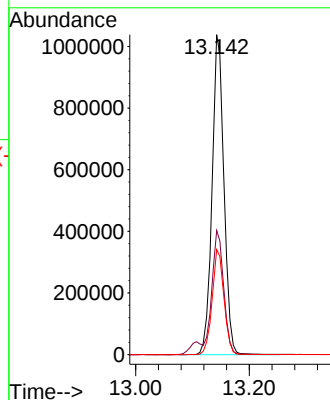
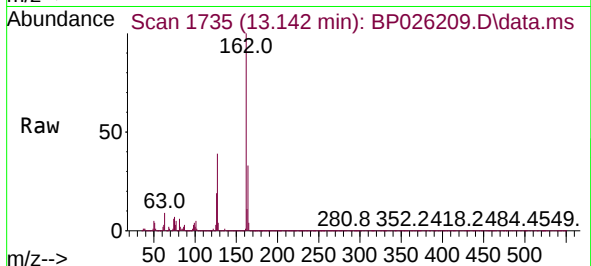
Tgt Ion:162 Resp: 1510187

Ion Ratio Lower Upper

162 100

127 38.8 30.9 46.3

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 42.057 ng

RT: 13.348 min Scan# 1770

Delta R.T. -0.029 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

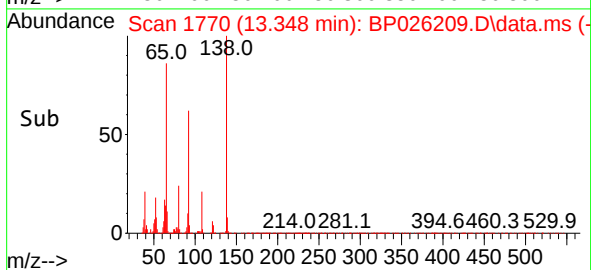
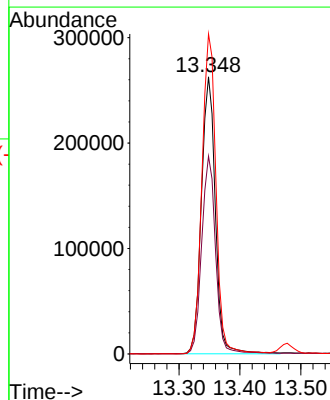
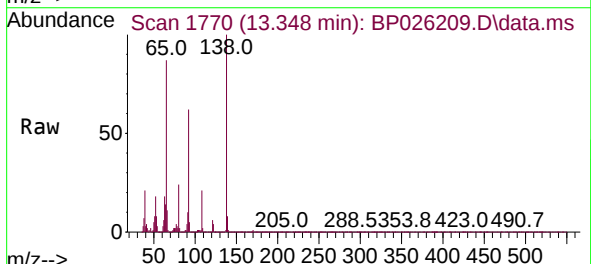
Tgt Ion: 65 Resp: 416672

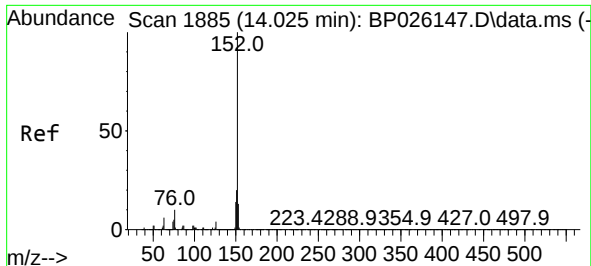
Ion Ratio Lower Upper

65 100

92 71.4 59.1 88.7

138 115.5 96.6 145.0

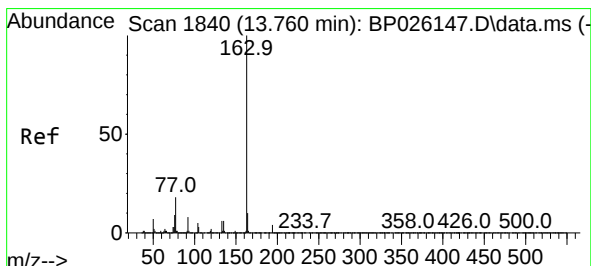
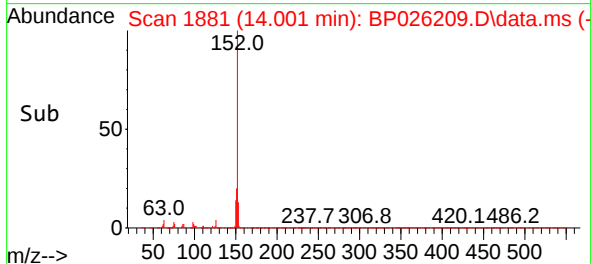
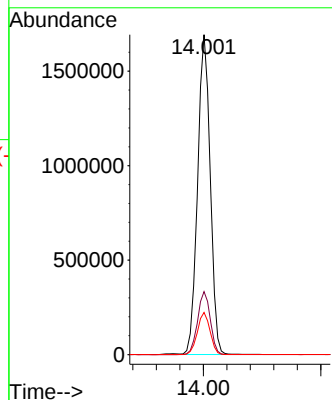
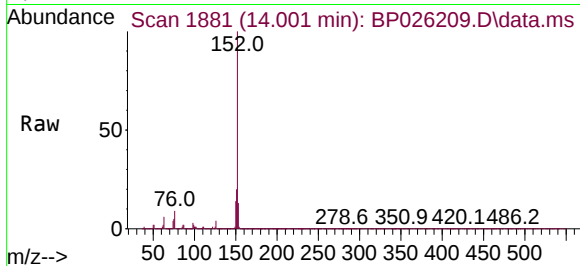




#49
Acenaphthylene
Concen: 42.778 ng
RT: 14.001 min Scan# 1881
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

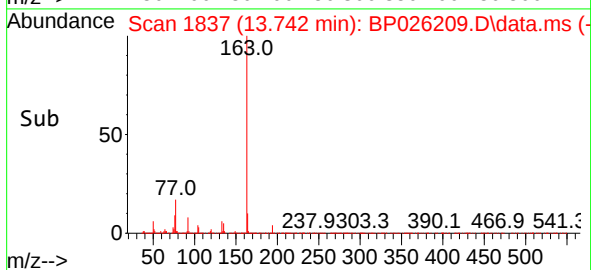
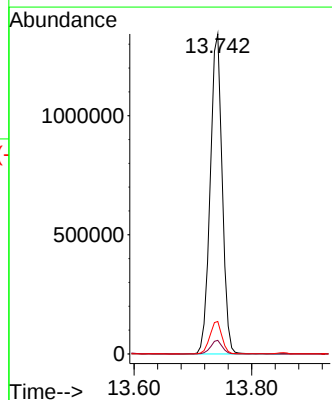
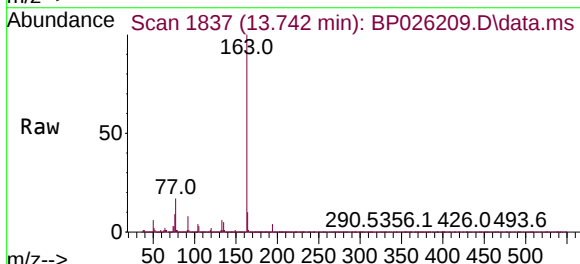
Instrument :
BNA_P
ClientSampleId :
PB170782BS

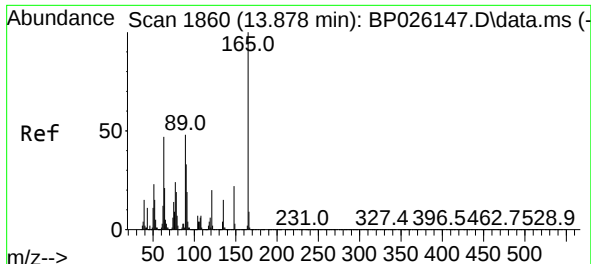
Tgt Ion:152 Resp: 2513876
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 42.203 ng
RT: 13.742 min Scan# 1837
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:163 Resp: 1896554
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.2

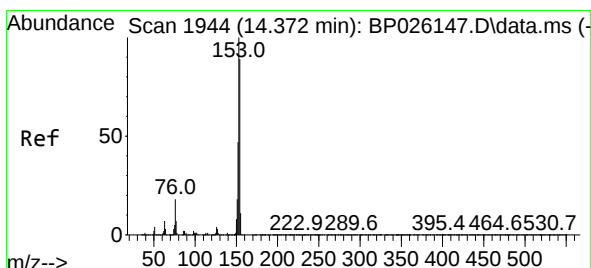
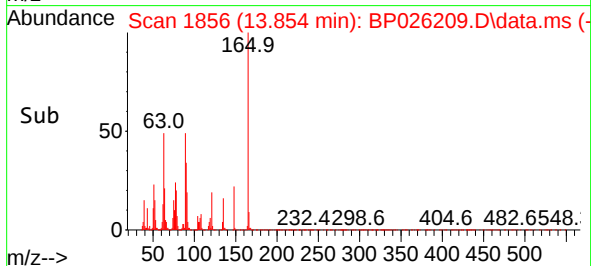
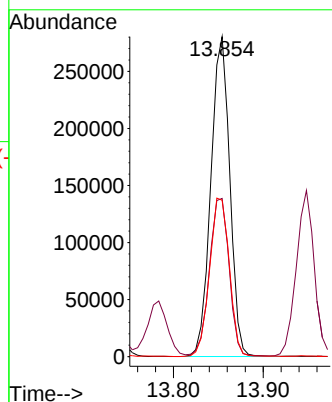
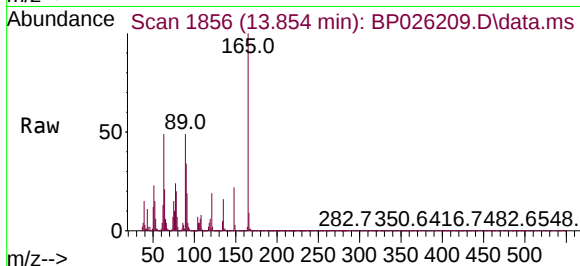




#51
2,6-Dinitrotoluene
Concen: 46.182 ng
RT: 13.854 min Scan# 1860
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

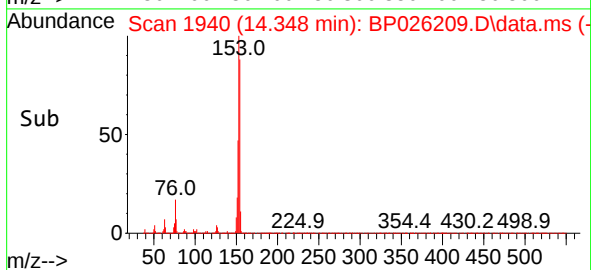
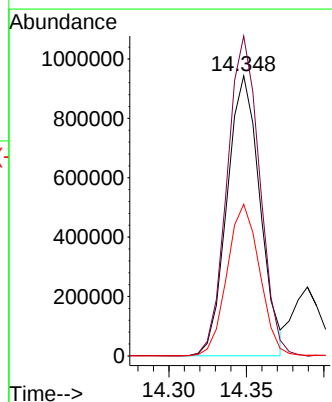
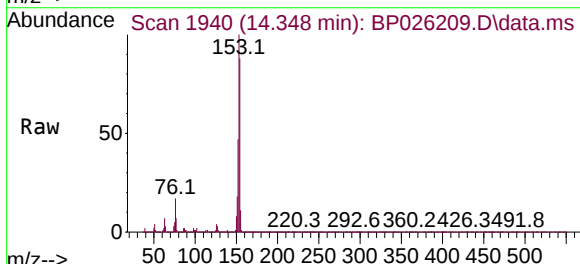
Instrument :
BNA_P
ClientSampleId :
PB170782BS

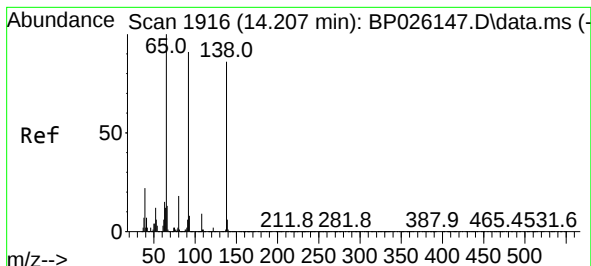
Tgt Ion:165 Resp: 411228
Ion Ratio Lower Upper
165 100
63 49.4 40.5 60.7
89 48.9 41.3 61.9



#52
Acenaphthene
Concen: 40.531 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:154 Resp: 1395824
Ion Ratio Lower Upper
154 100
153 114.2 90.7 136.1
152 54.1 42.8 64.2

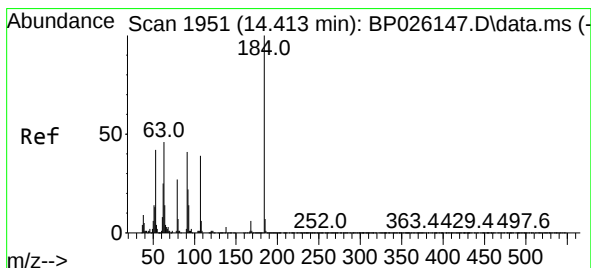
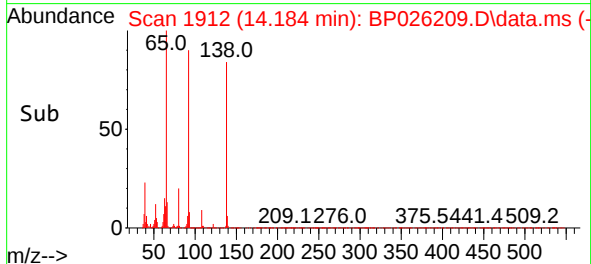
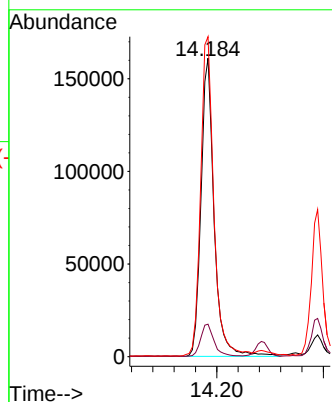
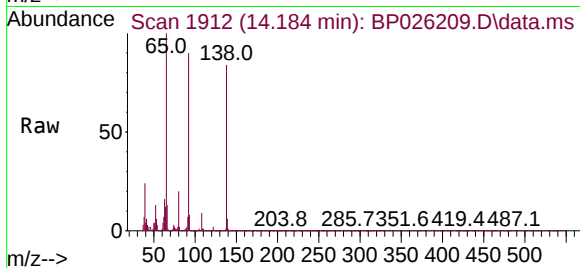




#53
3-Nitroaniline
Concen: 26.090 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

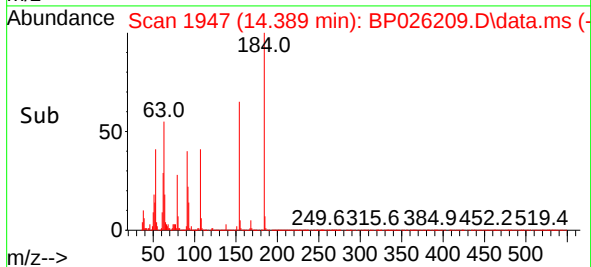
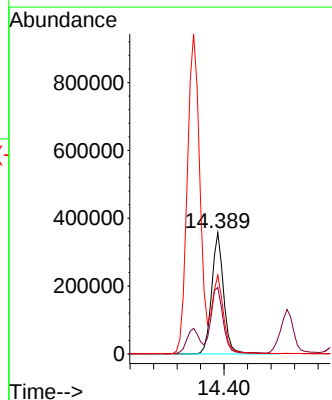
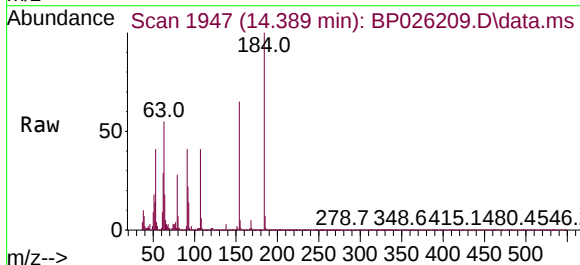
Instrument :
BNA_P
ClientSampleId :
PB170782BS

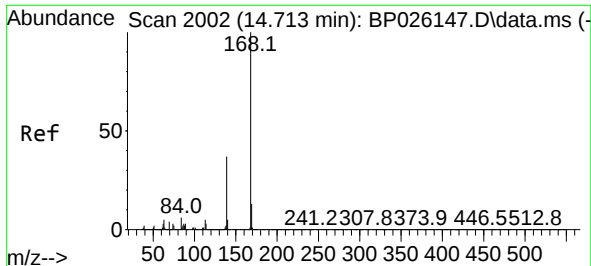
Tgt Ion:138 Resp: 273532
Ion Ratio Lower Upper
138 100
108 10.9 8.9 13.3
92 107.2 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 93.492 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:184 Resp: 502537
Ion Ratio Lower Upper
184 100
63 54.9 43.1 64.7
154 64.9 49.5 74.3

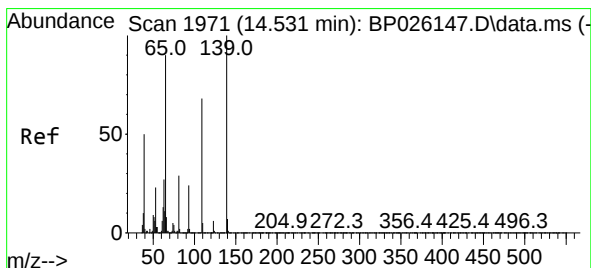
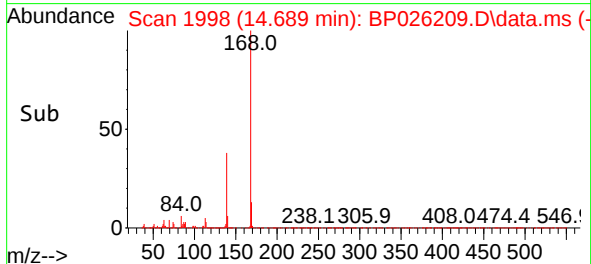
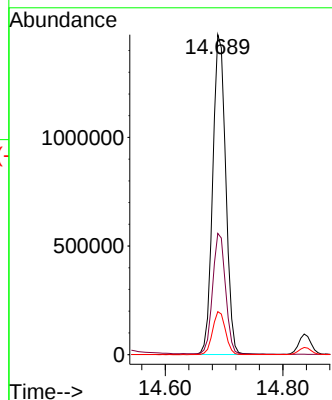
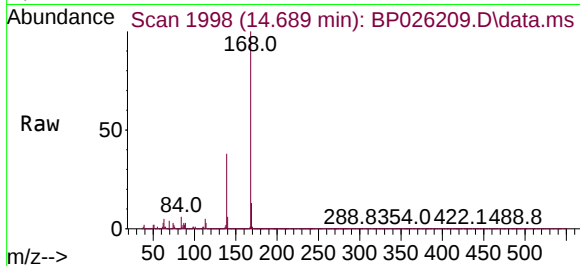




#55
Dibenzofuran
Concen: 42.416 ng
RT: 14.689 min Scan# 1998
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

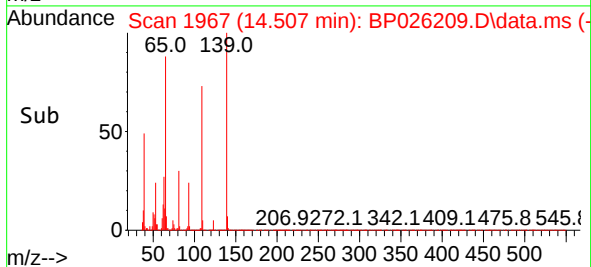
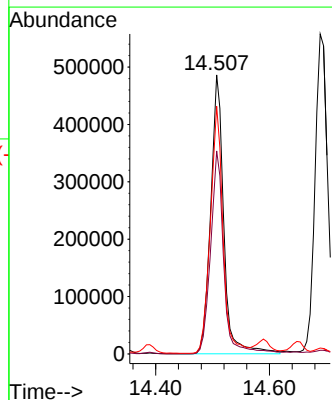
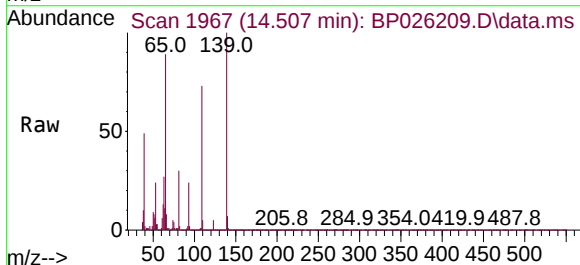
Instrument :
BNA_P
ClientSampleId :
PB170782BS

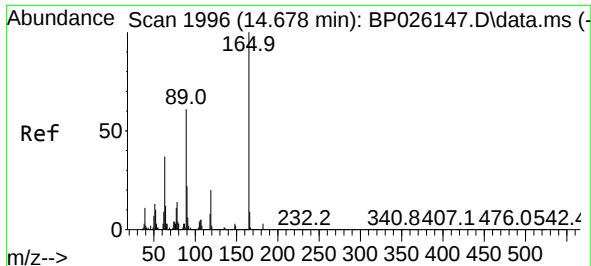
Tgt Ion:168 Resp: 2262479
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 82.663 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:139 Resp: 784038
Ion Ratio Lower Upper
139 100
109 72.8 46.8 86.8
65 88.8 69.3 109.3

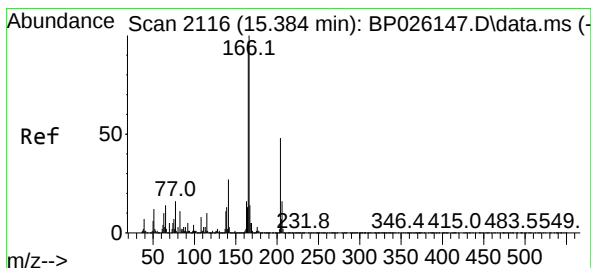
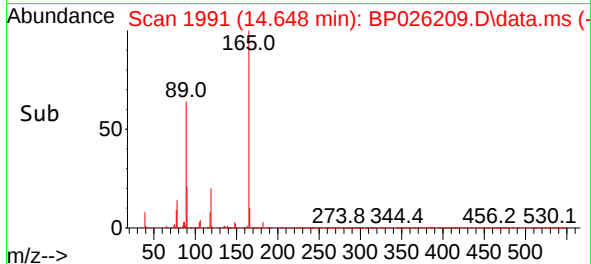
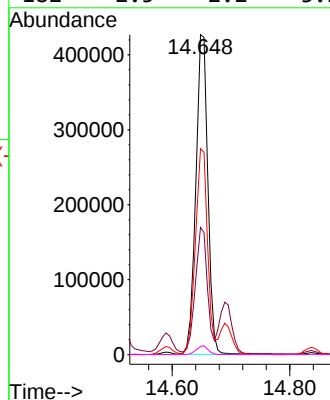
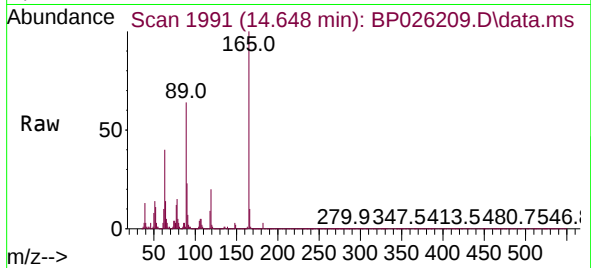




#57
2,4-Dinitrotoluene
Concen: 45.470 ng
RT: 14.648 min Scan# 1991
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

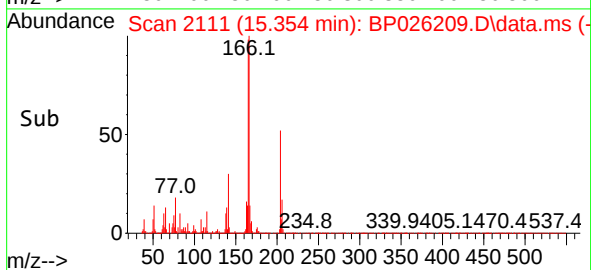
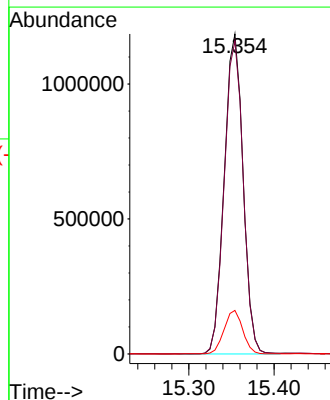
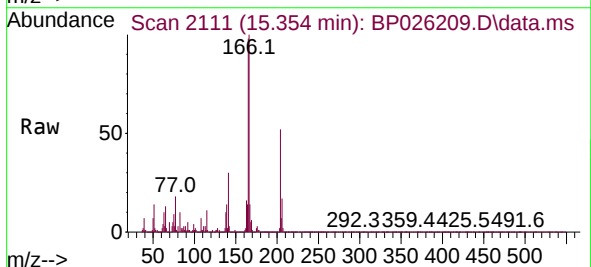
Instrument :
BNA_P
ClientSampleId :
PB170782BS

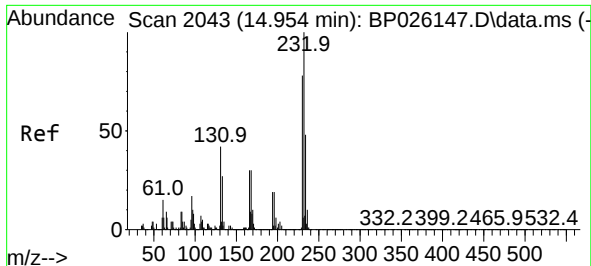
Tgt Ion:165 Resp: 604556
Ion Ratio Lower Upper
165 100
63 39.8 31.0 46.6
89 64.3 51.7 77.5
182 2.5 2.2 3.2



#58
Fluorene
Concen: 43.065 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:166 Resp: 1815654
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.6 11.0 16.4

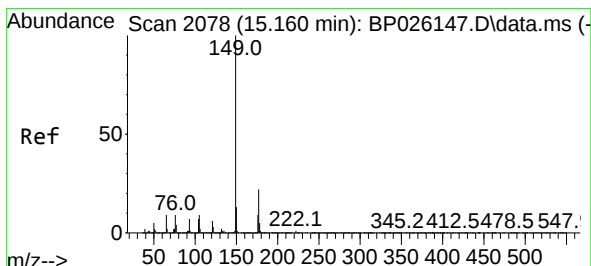
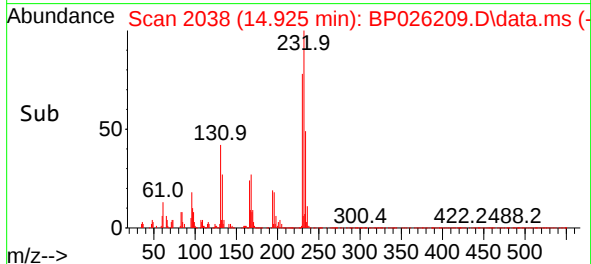
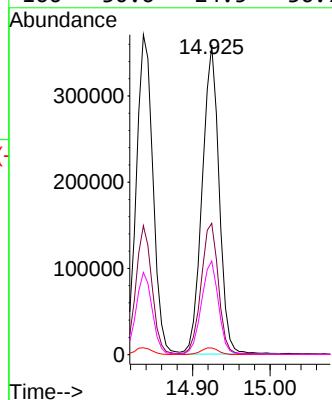
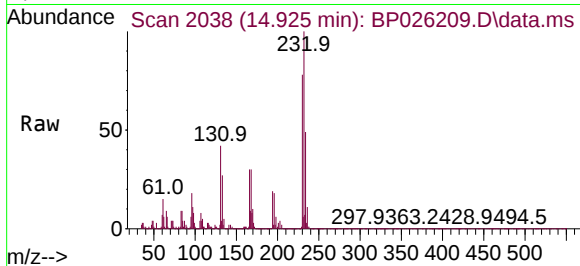




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.898 ng
RT: 14.925 min Scan# 2043
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

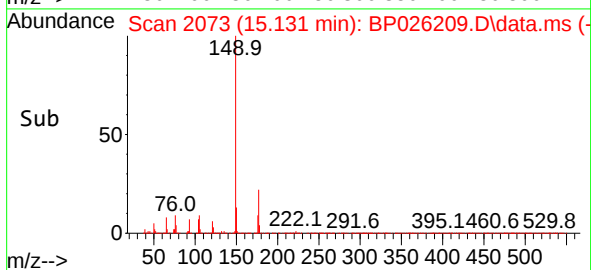
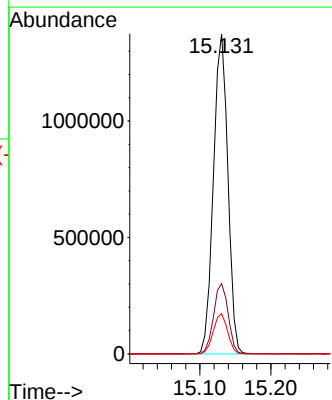
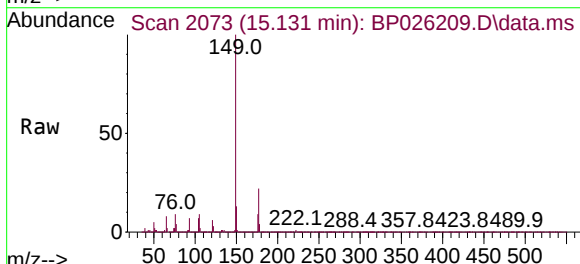
Instrument :
BNA_P
ClientSampleId :
PB170782BS

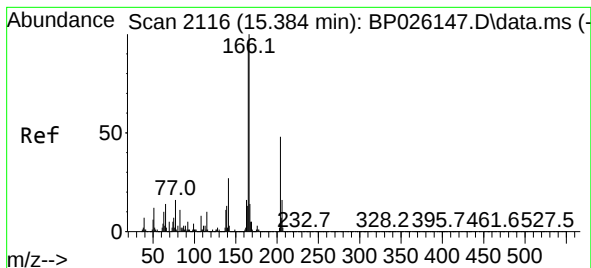
Tgt Ion:232	Resp:	542112
Ion Ratio	Lower	Upper
232	100	
131	43.6	34.8 52.2
130	2.2	1.8 2.8
166	30.6	24.5 36.7



#60
Diethylphthalate
Concen: 42.855 ng
RT: 15.131 min Scan# 2073
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:149	Resp:	1940035
Ion Ratio	Lower	Upper
149	100	
177	21.9	17.9 26.9
150	12.6	9.9 14.9

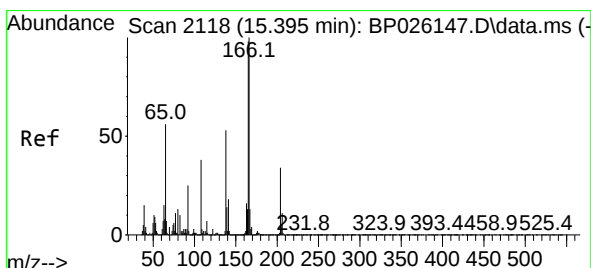
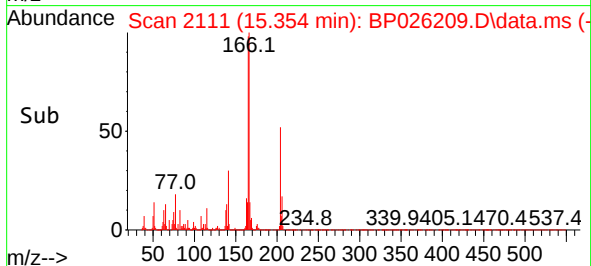
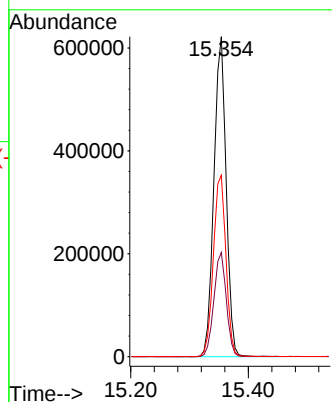
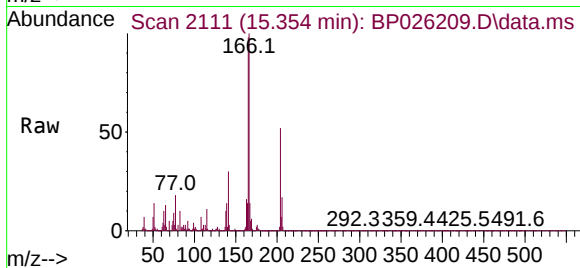




#61
4-Chlorophenyl-phenylether
Concen: 42.726 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

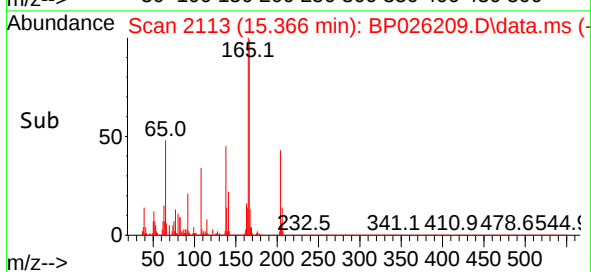
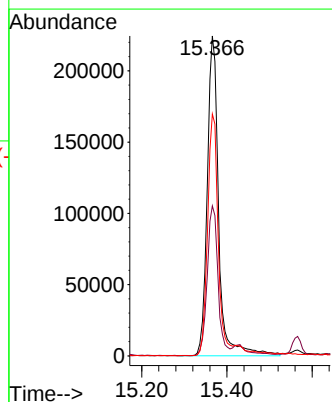
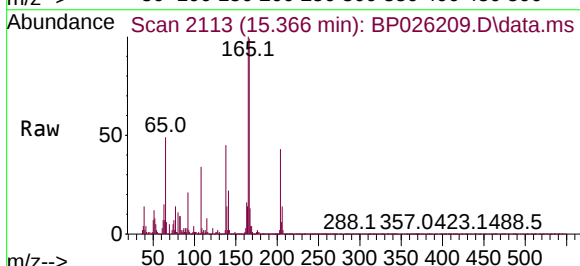
Instrument :
BNA_P
ClientSampleId :
PB170782BS

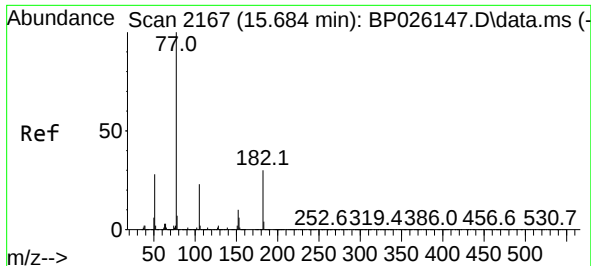
Tgt Ion:204 Resp: 896277
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 56.7 48.1 72.1



#62
4-Nitroaniline
Concen: 38.470 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:138 Resp: 418833
Ion Ratio Lower Upper
138 100
92 46.9 27.5 67.5
108 75.6 51.1 91.1



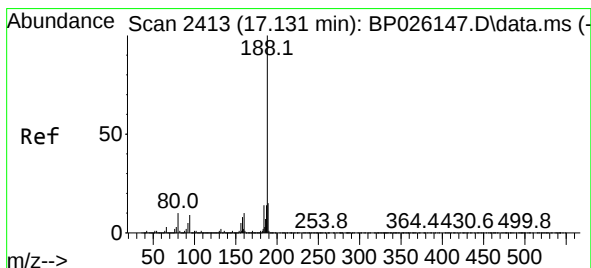
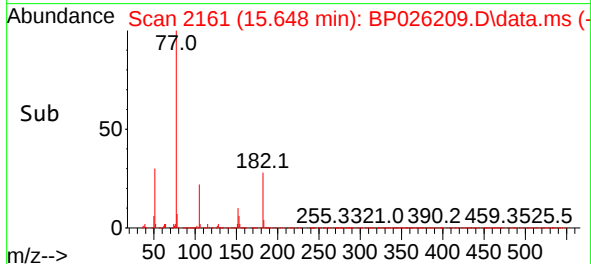
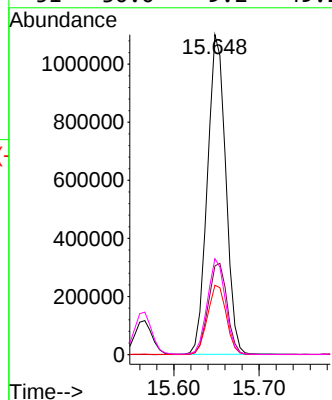
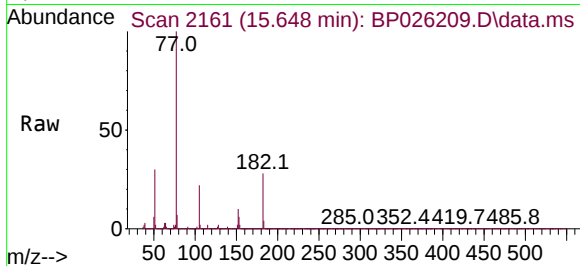


#63
Azobenzene
Concen: 43.113 ng
RT: 15.648 min Scan# 2167
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Instrument :
BNA_P
ClientSampleId :
PB170782BS

Tgt Ion: 77 Resp: 1645661

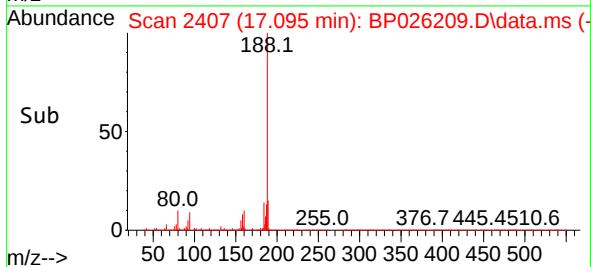
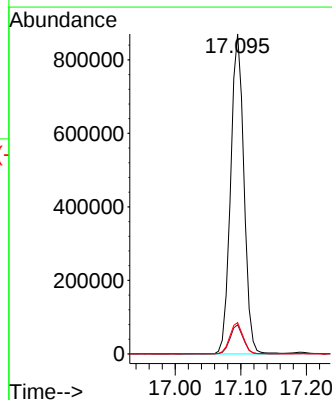
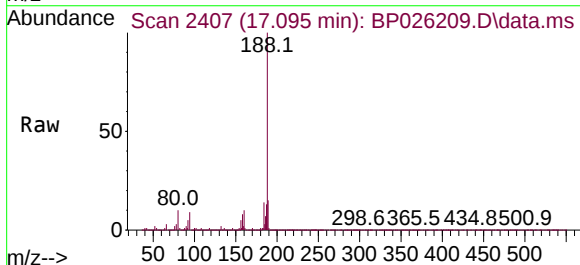
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.8	48.8
105	21.7	2.6	42.6
51	30.0	9.2	49.2

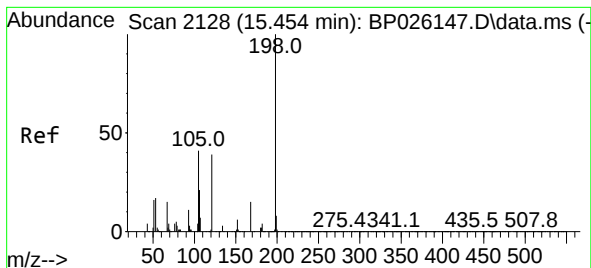


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion: 188 Resp: 1226741

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.8	11.6
80	9.8	8.2	12.2

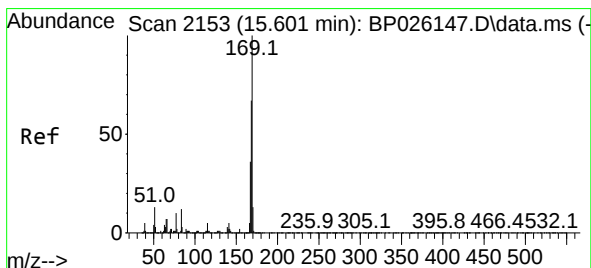
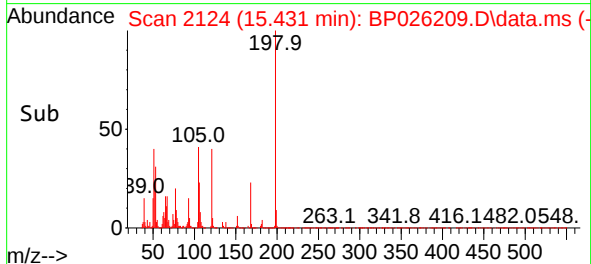
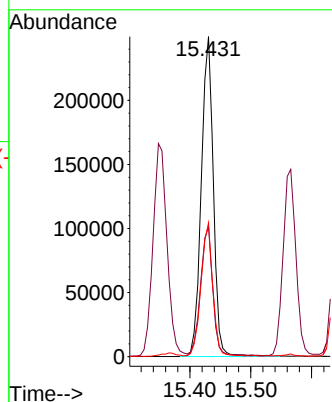
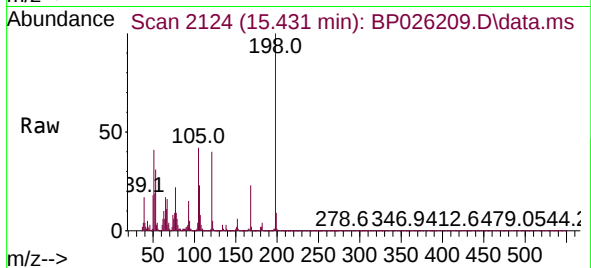




#65
4,6-Dinitro-2-methylphenol
Concen: 44.030 ng
RT: 15.431 min Scan# 2124
Delta R.T. -0.035 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

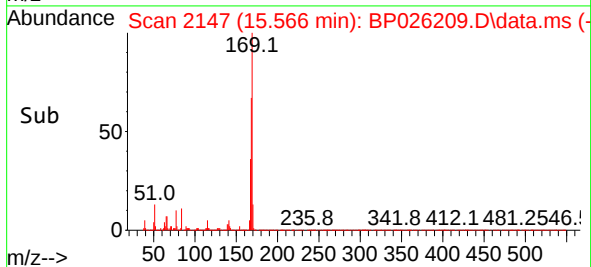
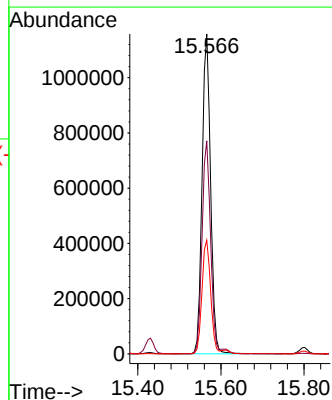
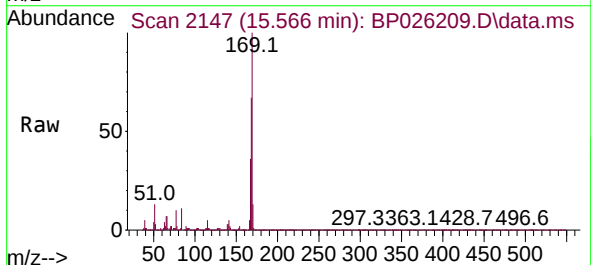
Instrument :
BNA_P
ClientSampleId :
PB170782BS

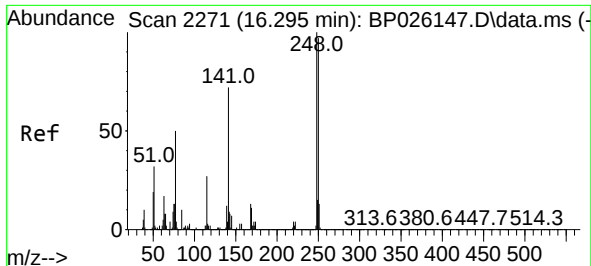
Tgt Ion:198 Resp: 343139
Ion Ratio Lower Upper
198 100
51 40.5 18.4 58.4
105 41.8 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 43.354 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:169 Resp: 1645206
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 35.5 28.9 43.3

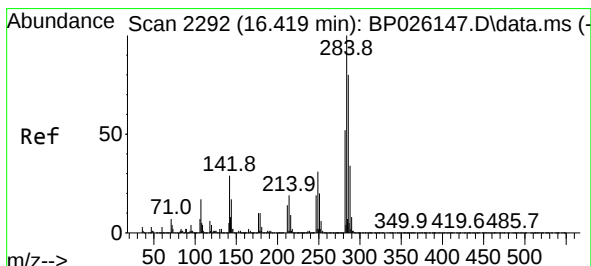
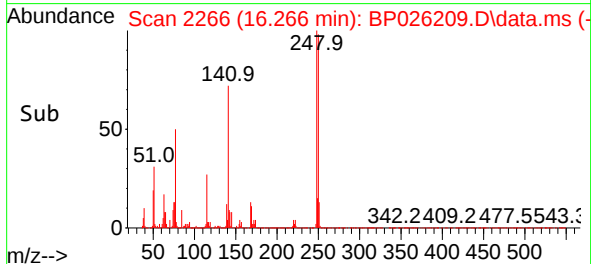
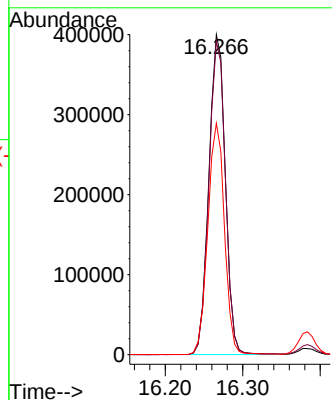
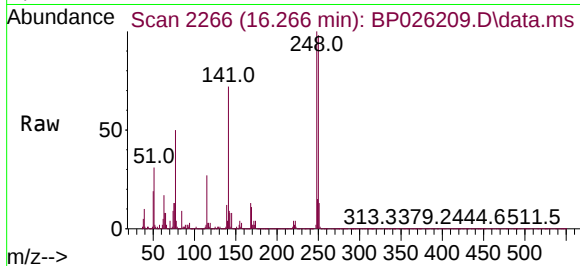




#67
4-Bromophenyl-phenylether
Concen: 43.511 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

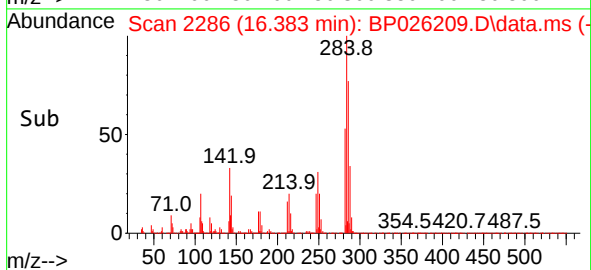
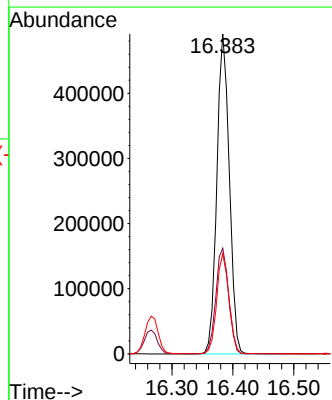
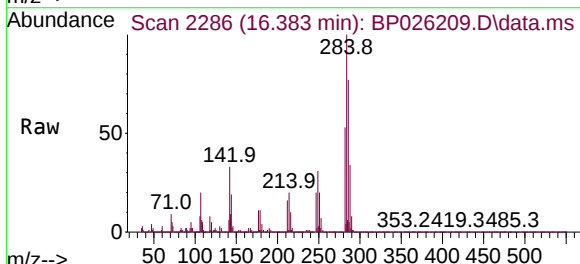
Instrument :
BNA_P
ClientSampleId :
PB170782BS

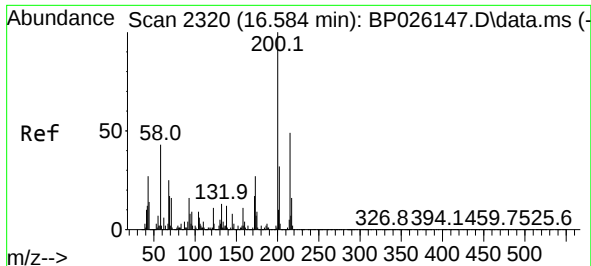
Tgt Ion:248 Resp: 591135
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 72.3 55.4 83.0



#68
Hexachlorobenzene
Concen: 44.370 ng
RT: 16.383 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:284 Resp: 699473
Ion Ratio Lower Upper
284 100
142 33.0 28.0 42.0
249 31.3 25.0 37.4

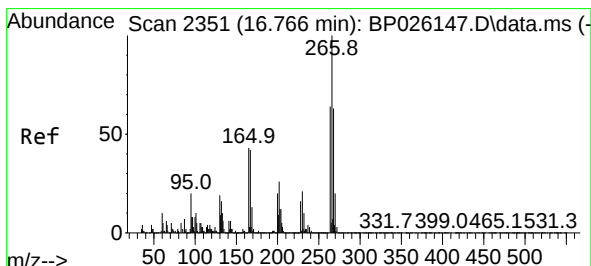
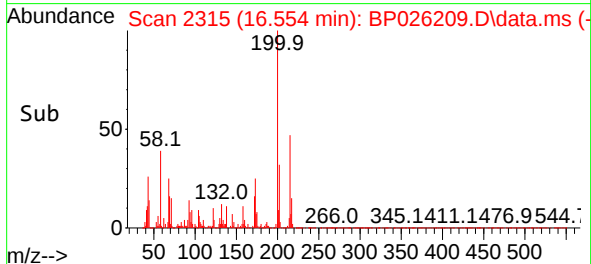
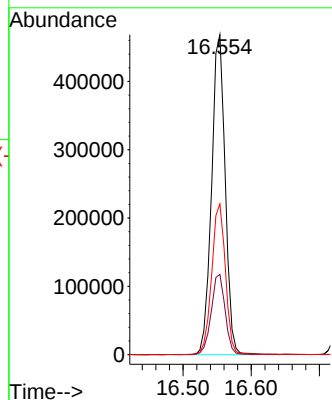
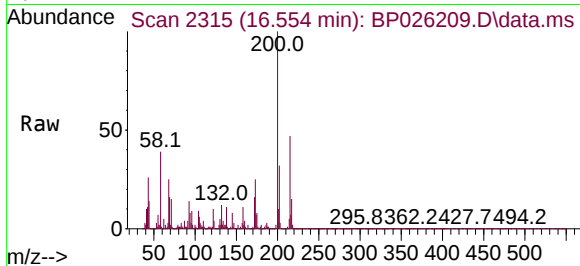




#69
 Atrazine
 Concen: 45.437 ng
 RT: 16.554 min Scan# 2315
 Delta R.T. -0.035 min
 Lab File: BP026209.D
 Acq: 02 Dec 2025 15:53

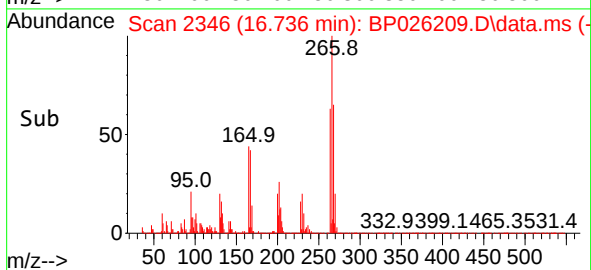
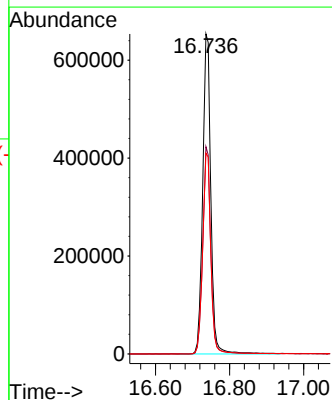
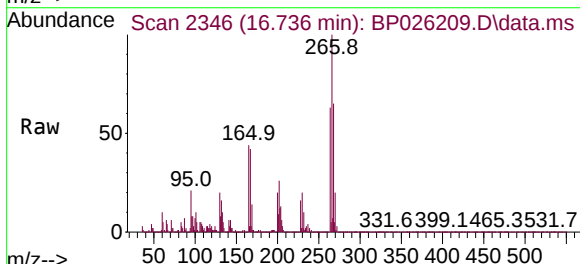
Instrument :
 BNA_P
 ClientSampleId :
 PB170782BS

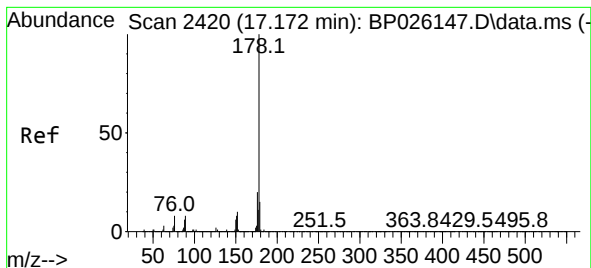
Tgt Ion:200 Resp: 650190
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.7 46.7
 215 47.1 27.4 67.4



#70
 Pentachlorophenol
 Concen: 89.978 ng
 RT: 16.736 min Scan# 2346
 Delta R.T. -0.041 min
 Lab File: BP026209.D
 Acq: 02 Dec 2025 15:53

Tgt Ion:266 Resp: 992247
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.0 76.4
 264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 43.621 ng

RT: 17.136 min Scan# 24

Delta R.T. -0.041 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

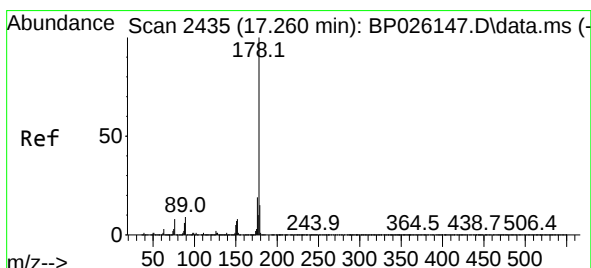
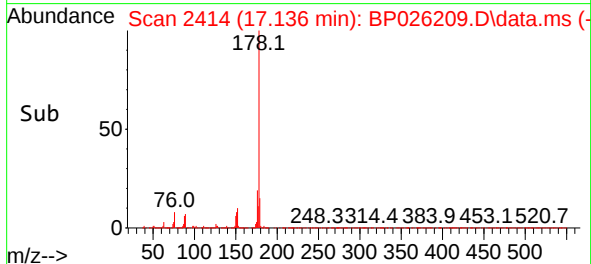
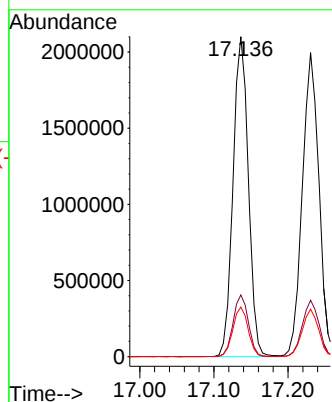
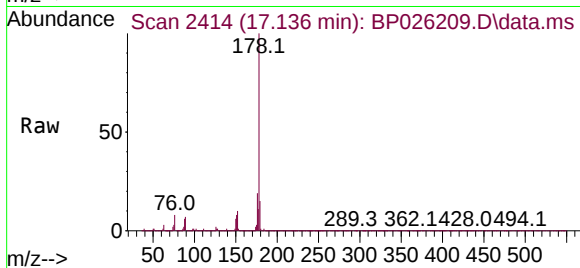
Tgt Ion:178 Resp: 3014410

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 44.342 ng

RT: 17.230 min Scan# 2430

Delta R.T. -0.041 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

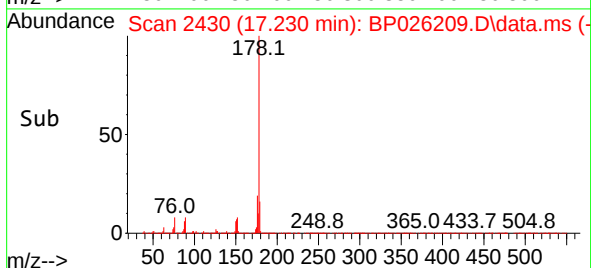
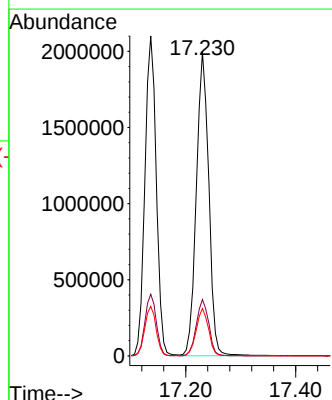
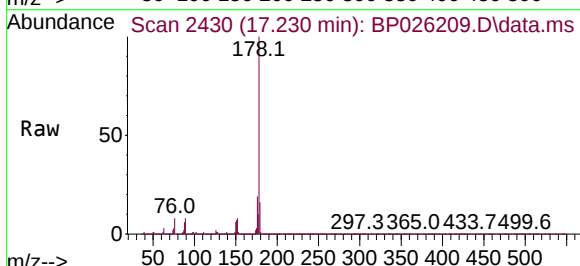
Tgt Ion:178 Resp: 3125375

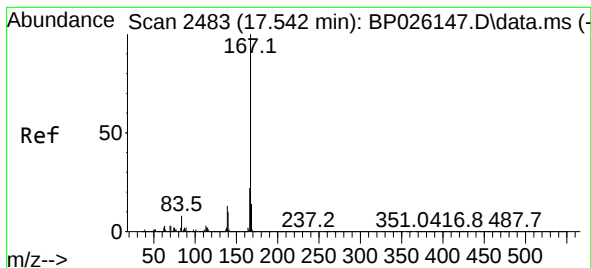
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.6 12.2 18.4





#73

Carbazole

Concen: 43.849 ng

RT: 17.513 min Scan# 24

Delta R.T. -0.029 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

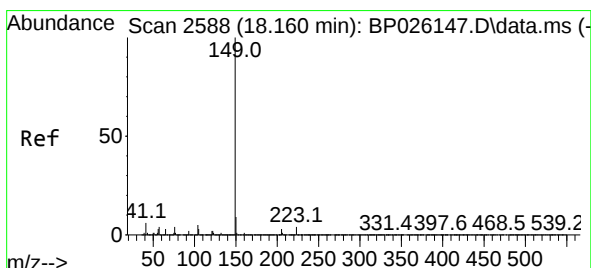
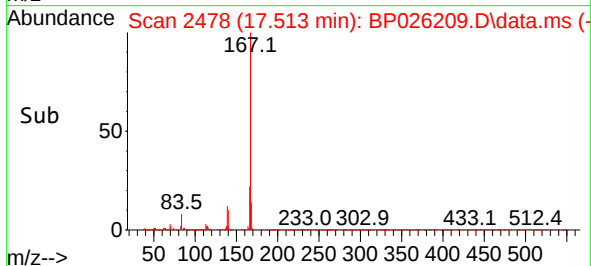
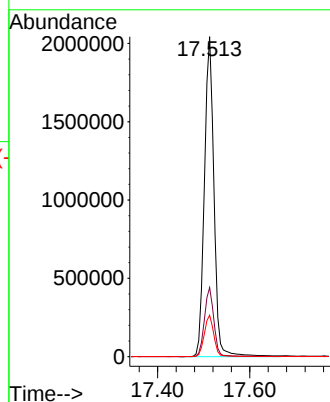
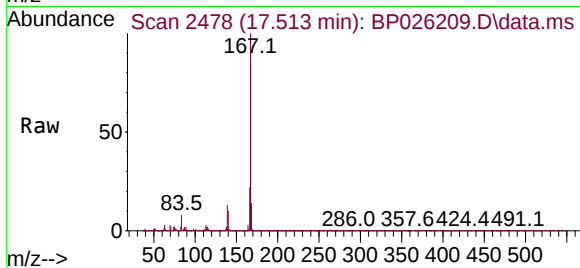
Tgt Ion:167 Resp: 2935445

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 12.9 10.2 15.4



#74

Di-n-butylphthalate

Concen: 45.007 ng

RT: 18.119 min Scan# 2581

Delta R.T. -0.041 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

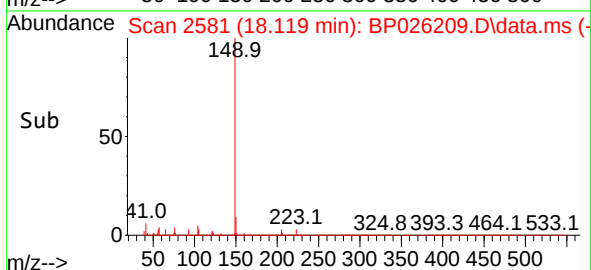
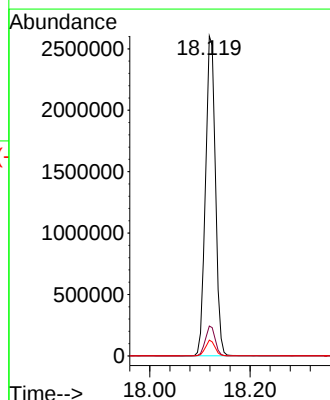
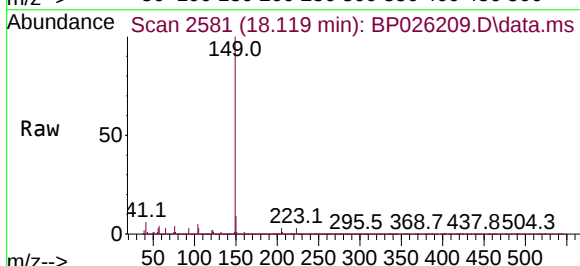
Tgt Ion:149 Resp: 3571948

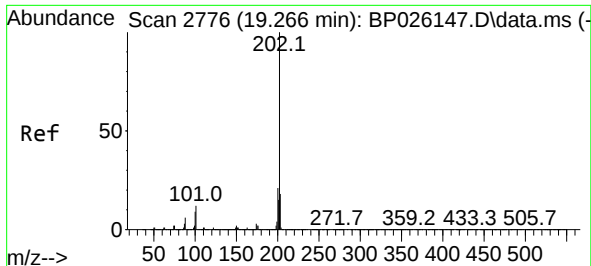
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 3.6 5.4

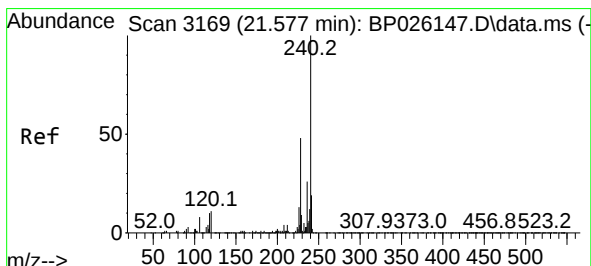
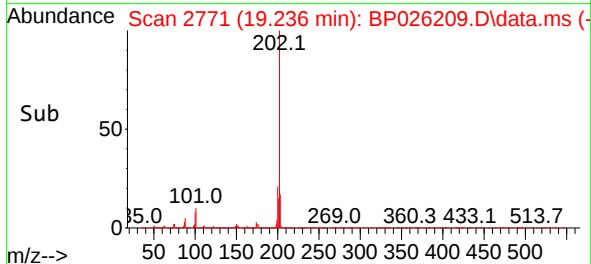
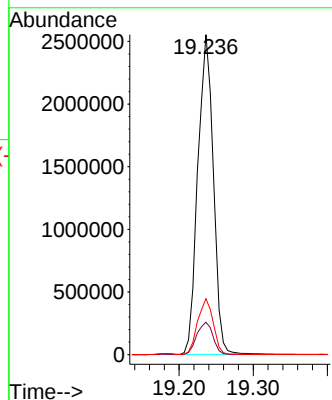
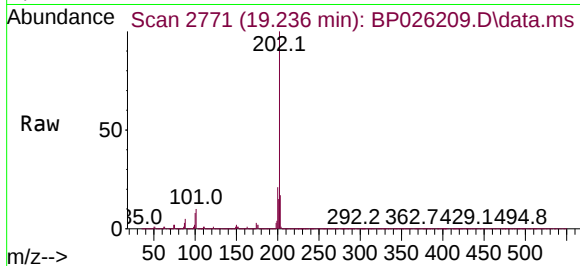




#75
Fluoranthene
Concen: 44.254 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

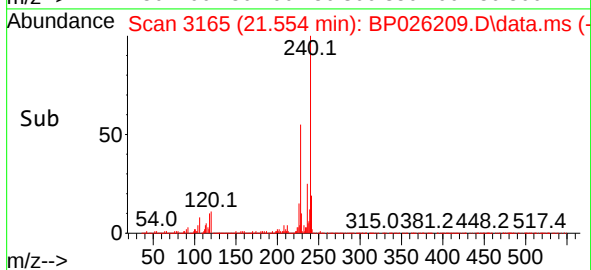
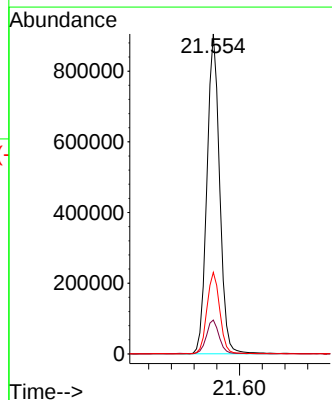
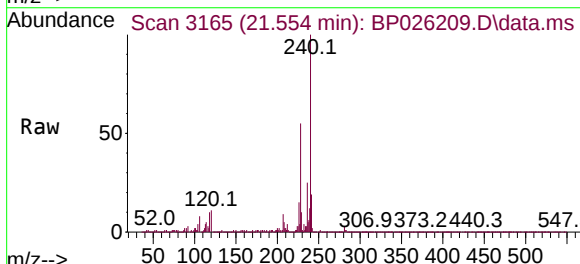
Instrument :
BNA_P
ClientSampleId :
PB170782BS

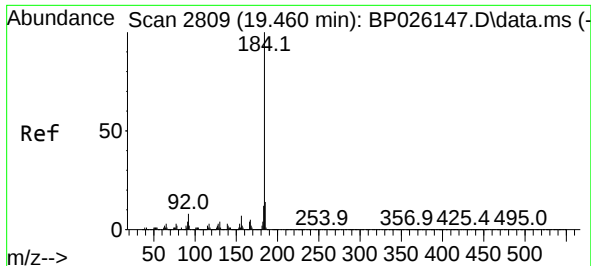
Tgt Ion:202 Resp: 3715685
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:240 Resp: 1408633
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 25.5 20.4 30.6

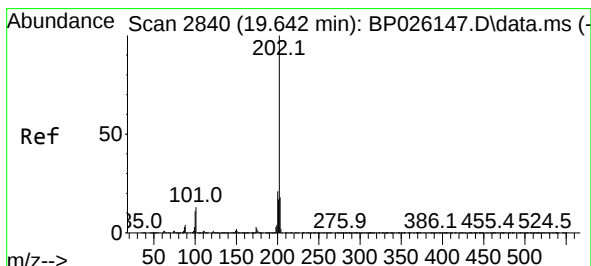
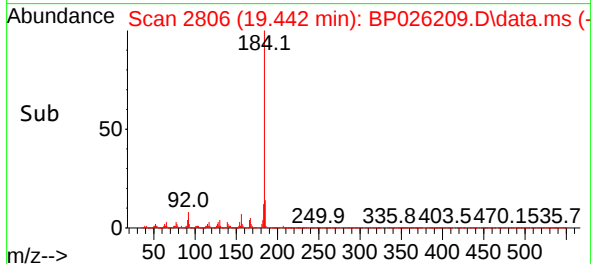
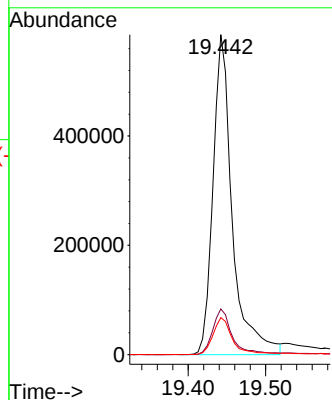
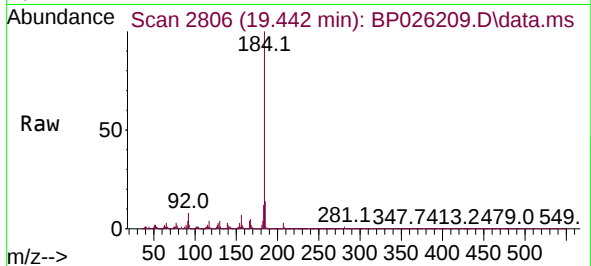




#77
Benzidine
Concen: 22.700 ng
RT: 19.442 min Scan# 2806
Delta R.T. -0.024 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

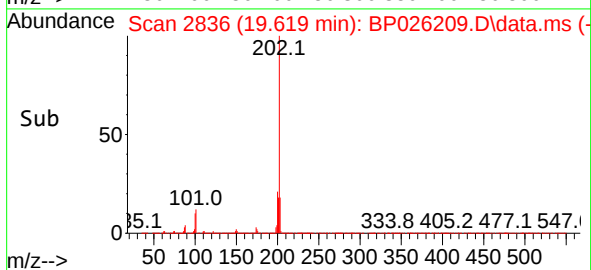
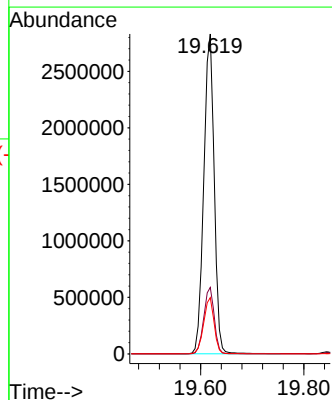
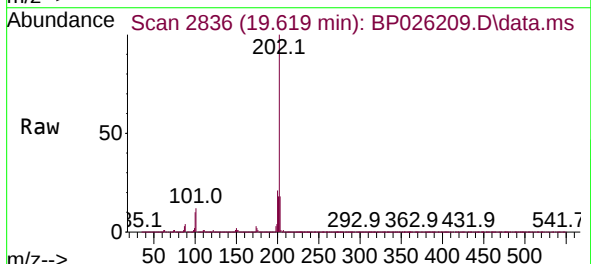
Instrument :
BNA_P
ClientSampleId :
PB170782BS

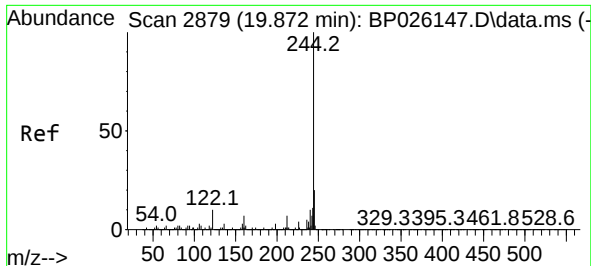
Tgt Ion:184 Resp: 1014794
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.6 9.0 13.6



#78
Pyrene
Concen: 42.917 ng
RT: 19.619 min Scan# 2836
Delta R.T. -0.024 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:202 Resp: 3963837
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 13.8 20.8

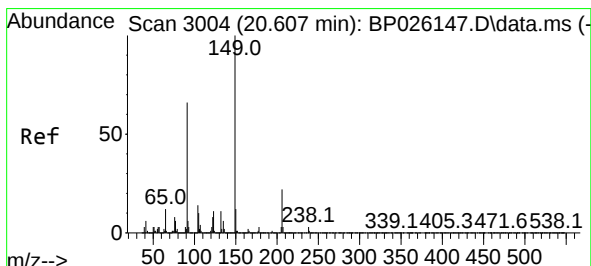
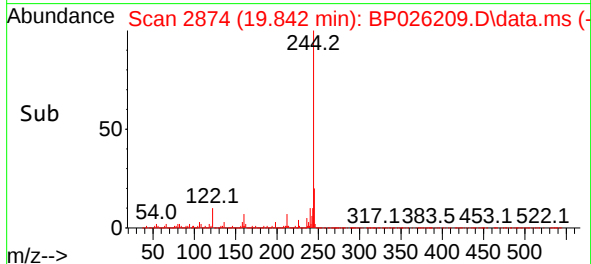
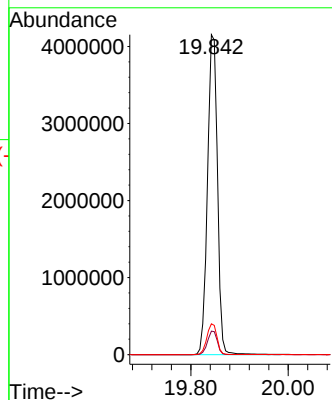
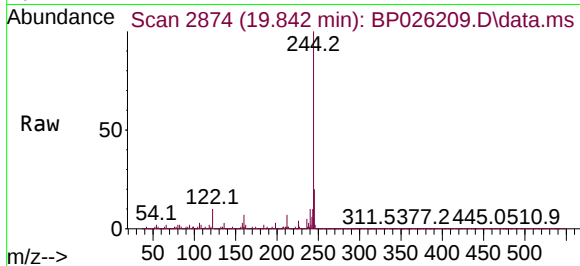




#79
 Terphenyl-d14
 Concen: 85.725 ng
 RT: 19.842 min Scan# 2879
 Delta R.T. -0.029 min
 Lab File: BP026209.D
 Acq: 02 Dec 2025 15:53

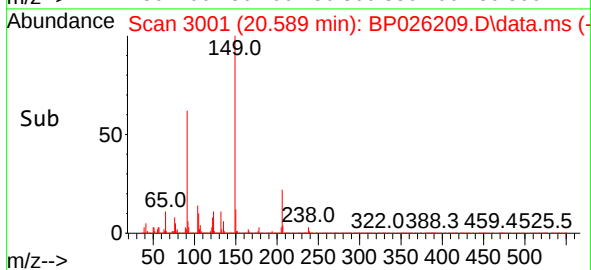
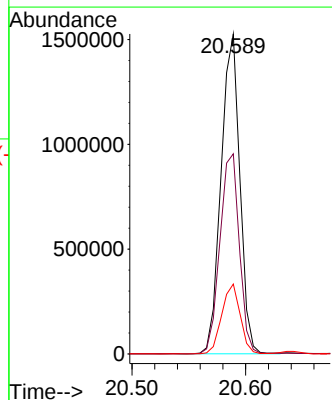
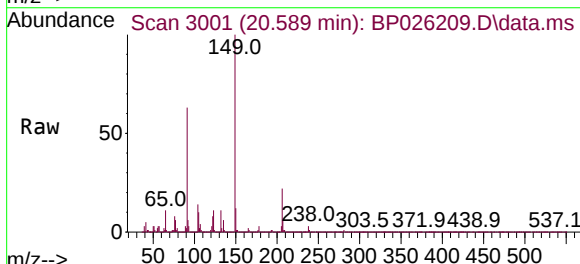
Instrument :
 BNA_P
 ClientSampleId :
 PB170782BS

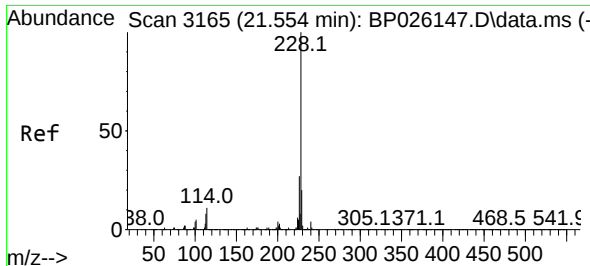
Tgt Ion:244 Resp: 5922091
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 43.010 ng
 RT: 20.589 min Scan# 3001
 Delta R.T. -0.018 min
 Lab File: BP026209.D
 Acq: 02 Dec 2025 15:53

Tgt Ion:149 Resp: 1749417
 Ion Ratio Lower Upper
 149 100
 91 62.5 52.6 79.0
 206 21.8 16.9 25.3

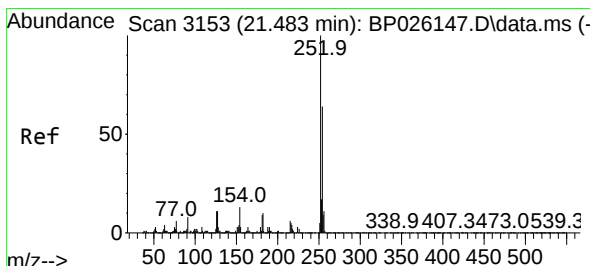
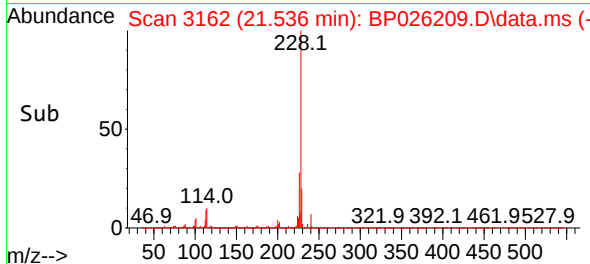
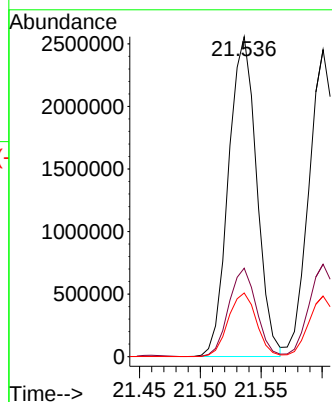
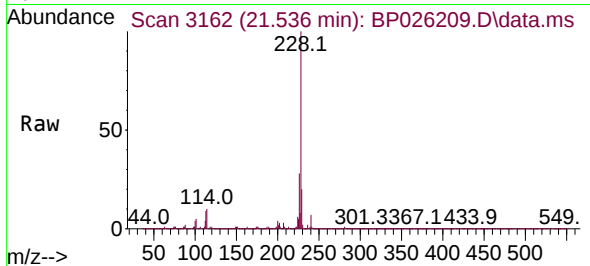




#81
Benzo(a)anthracene
Concen: 42.489 ng
RT: 21.536 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

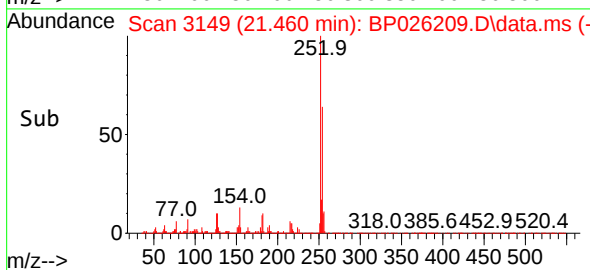
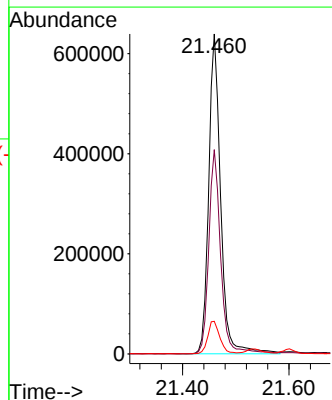
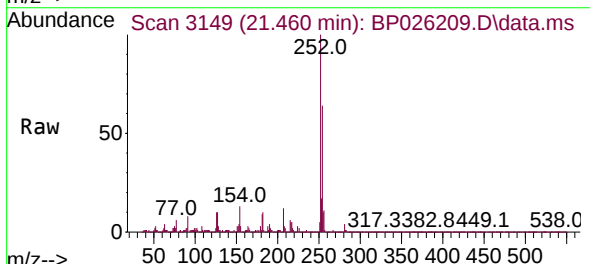
Instrument :
BNA_P
ClientSampleId :
PB170782BS

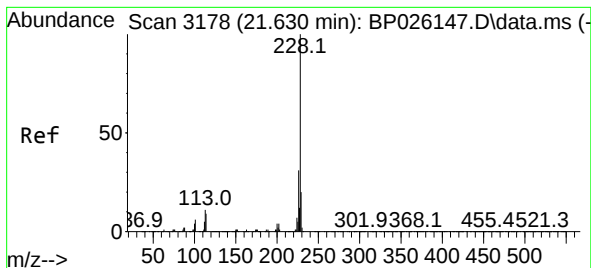
Tgt Ion:228 Resp: 4110546
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 28.283 ng
RT: 21.460 min Scan# 3149
Delta R.T. -0.029 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:252 Resp: 995020
Ion Ratio Lower Upper
252 100
254 63.8 51.2 76.8
126 10.2 8.2 12.4





#83

Chrysene

Concen: 43.330 ng

RT: 21.601 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

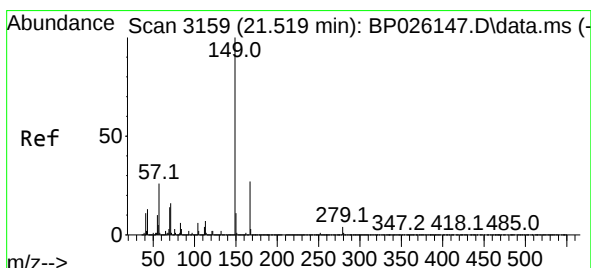
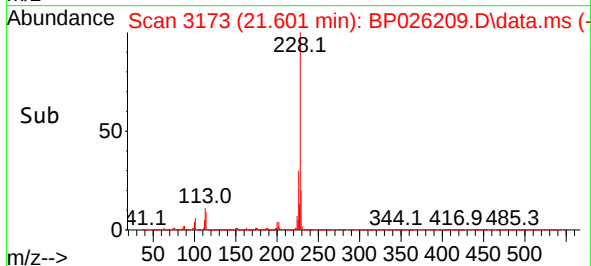
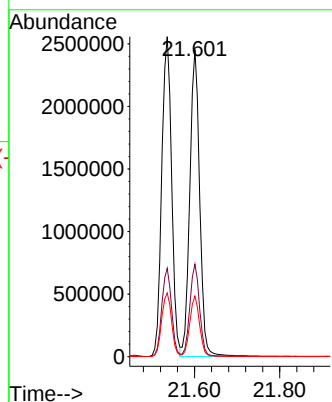
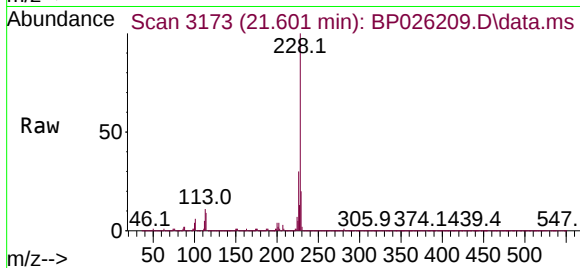
Tgt Ion:228 Resp: 3950548

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.859 ng

RT: 21.495 min Scan# 3155

Delta R.T. -0.024 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

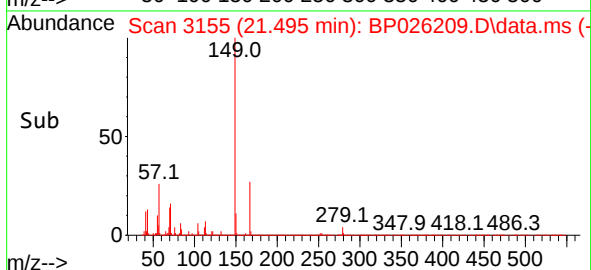
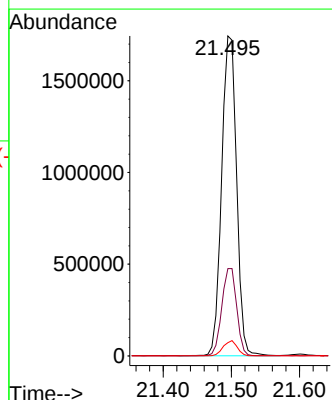
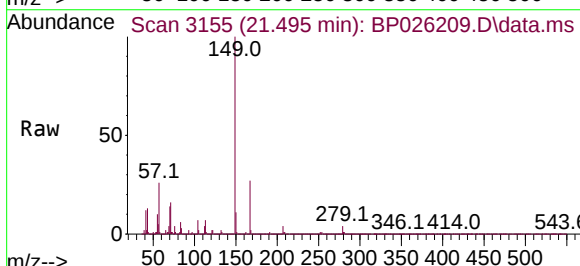
Tgt Ion:149 Resp: 2638941

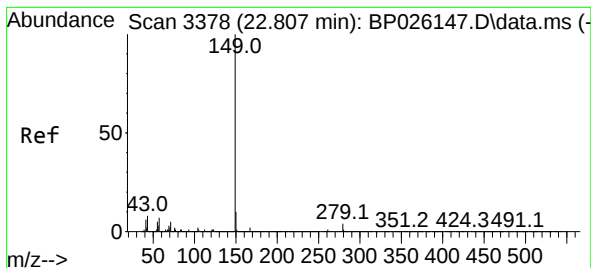
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.455 ng

RT: 22.771 min Scan# 3372

Delta R.T. -0.035 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

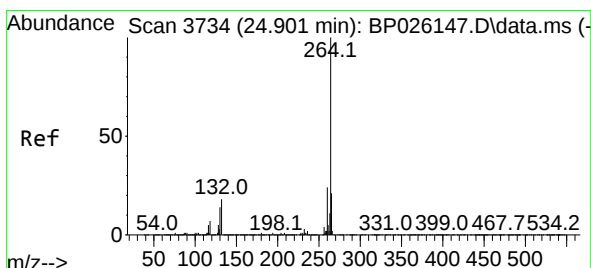
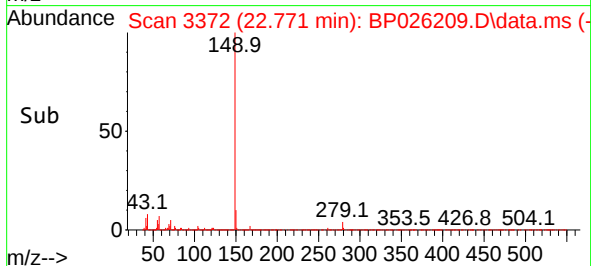
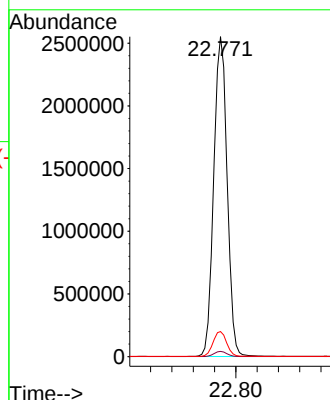
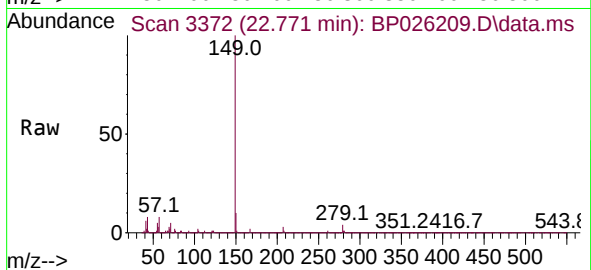
Tgt Ion:149 Resp: 4463179

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.9 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.854 min Scan# 3726

Delta R.T. -0.053 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

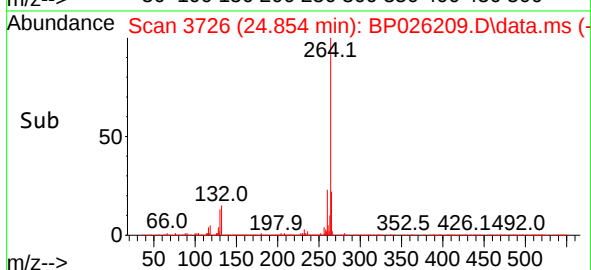
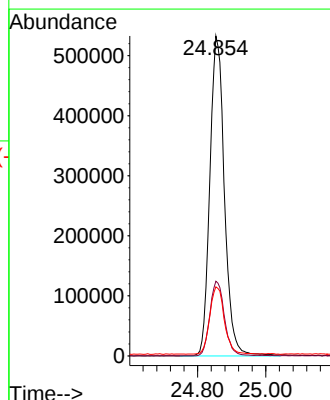
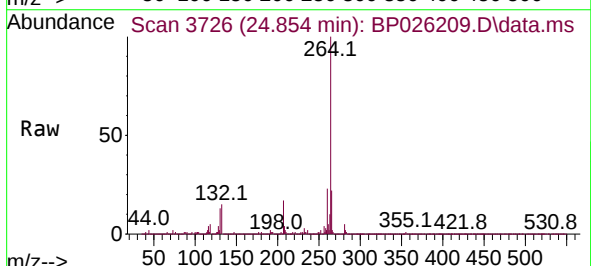
Tgt Ion:264 Resp: 1584735

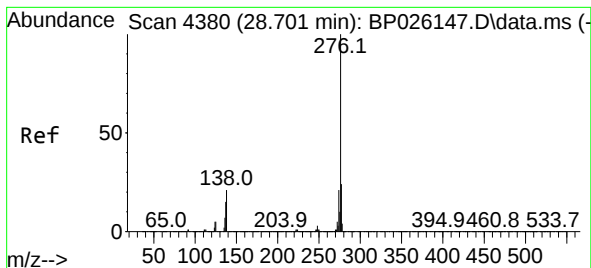
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.596 ng

RT: 28.612 min Scan# 4380

Delta R.T. -0.094 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

Instrument :

BNA_P

ClientSampleId :

PB170782BS

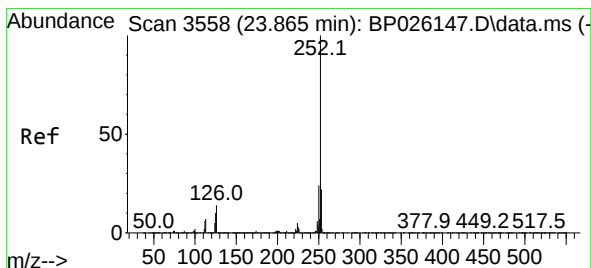
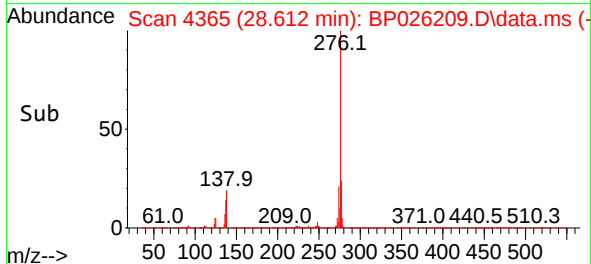
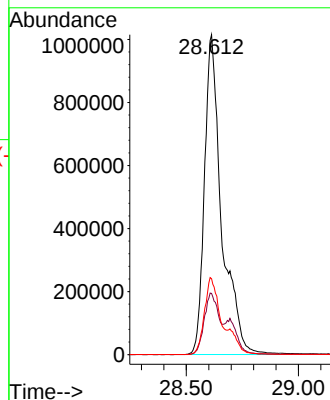
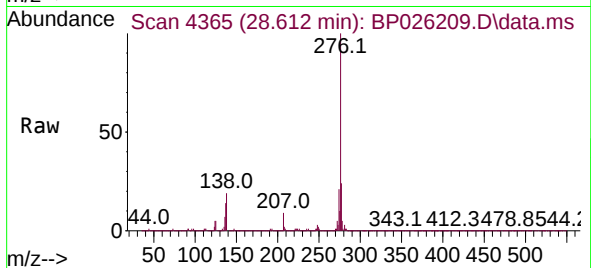
Tgt Ion:276 Resp: 5419062

Ion Ratio Lower Upper

276 100

138 16.5 13.8 20.8

277 20.9 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 44.003 ng

RT: 23.824 min Scan# 3551

Delta R.T. -0.041 min

Lab File: BP026209.D

Acq: 02 Dec 2025 15:53

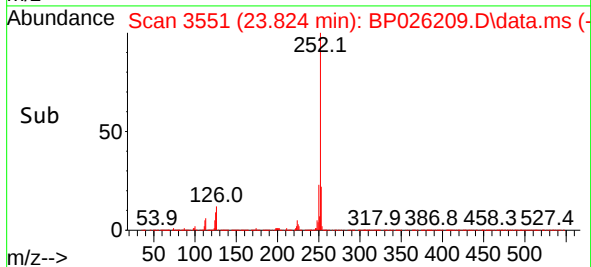
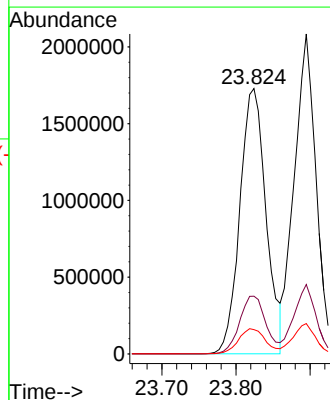
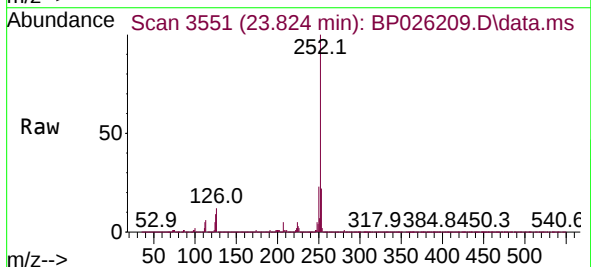
Tgt Ion:252 Resp: 4246682

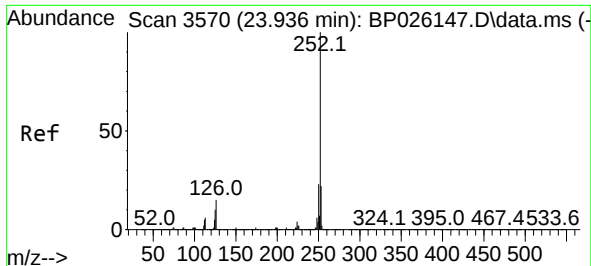
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.1 8.2 12.4

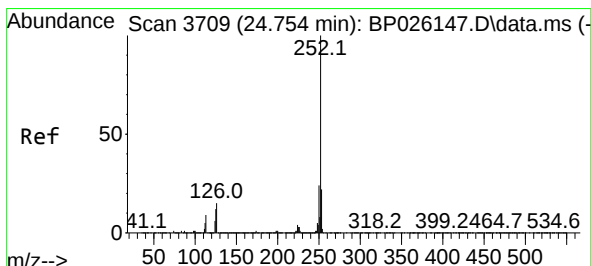
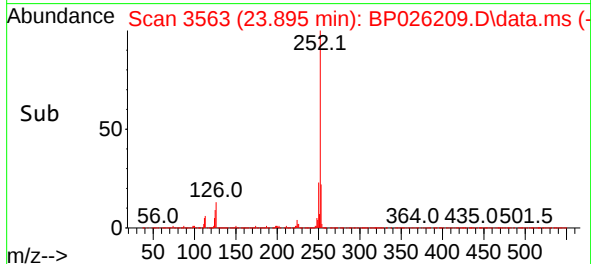
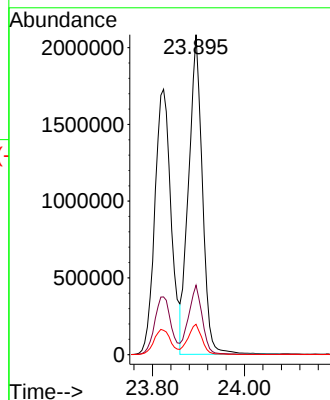
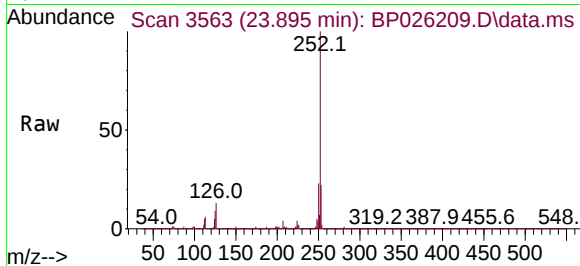




#89
Benzo(k)fluoranthene
Concen: 44.871 ng
RT: 23.895 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

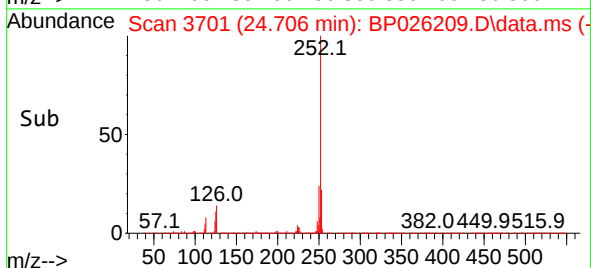
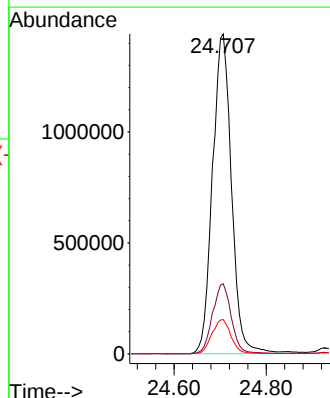
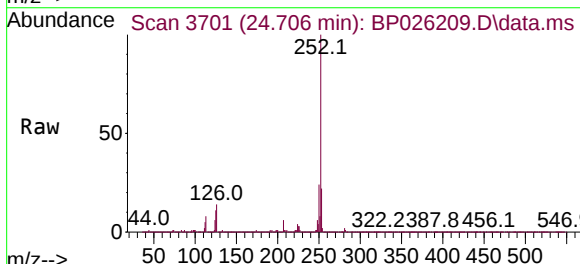
Instrument :
BNA_P
ClientSampleId :
PB170782BS

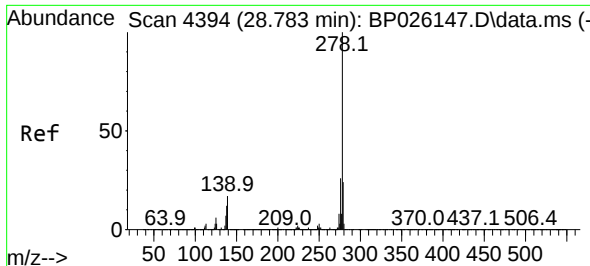
Tgt Ion:252 Resp: 4325261
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 44.978 ng
RT: 24.706 min Scan# 3701
Delta R.T. -0.047 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:252 Resp: 4111691
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.7 9.0 13.6

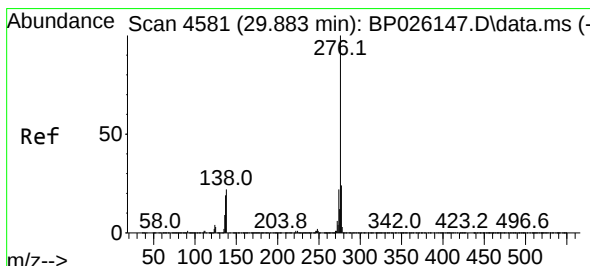
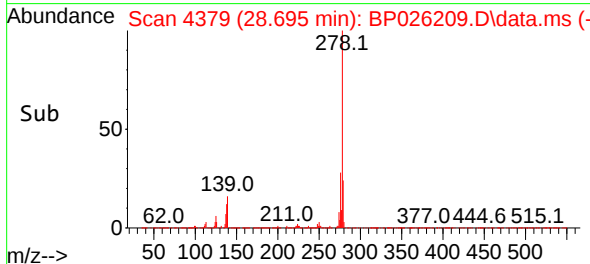
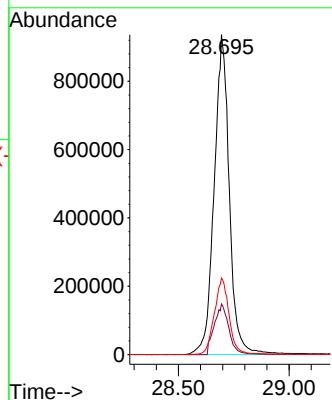
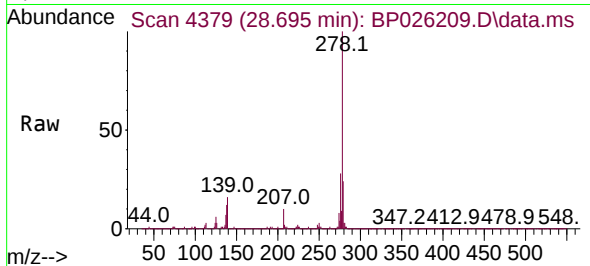




#91
Dibenzo(a,h)anthracene
Concen: 45.690 ng
RT: 28.695 min Scan# 4394
Delta R.T. -0.100 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Instrument :
BNA_P
ClientSampleId :
PB170782BS

Tgt Ion:278 Resp: 4445214
Ion Ratio Lower Upper
278 100
139 15.8 13.2 19.8
279 23.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 45.753 ng
RT: 29.783 min Scan# 4564
Delta R.T. -0.100 min
Lab File: BP026209.D
Acq: 02 Dec 2025 15:53

Tgt Ion:276 Resp: 4424370
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 20.9 17.8 26.6

