

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026047.D
 Acq On : 30 Oct 2025 18:27
 Operator : RC/JU
 Sample : Q3447-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MSD

Quant Time: Oct 31 02:14:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	324319	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1254755	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	758504	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1521653	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1580449	20.000	ng	0.02
86) Perylene-d12	24.913	264	1697192	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2524916	128.465	ng	0.00
7) Phenol-d6	6.861	99	2883328	115.258	ng	0.00
23) Nitrobenzene-d5	8.825	82	1943463	96.557	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	1262164	153.919	ng	0.02
45) 2-Fluorobiphenyl	12.937	172	4707463	89.179	ng	0.00
79) Terphenyl-d14	19.878	244	7833011	100.694	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	307573	37.121	ng	# 61
3) Pyridine	3.637	79	713734	30.302	ng	98
4) n-Nitrosodimethylamine	3.543	42	399353	42.303	ng	97
6) Aniline	7.019	93	588557	17.628	ng	98
8) 2-Chlorophenol	7.255	128	980300	45.041	ng	98
9) Benzaldehyde	6.831	77	356301	27.398	ng	97
10) Phenol	6.884	94	1071317	38.574	ng	100
11) bis(2-Chloroethyl)ether	7.114	93	919442	41.950	ng	100
12) 1,3-Dichlorobenzene	7.578	146	1019708	40.797	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1044134	41.317	ng	98
14) 1,2-Dichlorobenzene	8.037	146	1008952	41.840	ng	98
15) Benzyl Alcohol	7.914	79	823727	45.675	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1348863	40.720	ng	99
17) 2-Methylphenol	8.114	107	797678	43.862	ng	99
18) Hexachloroethane	8.761	117	354639	41.010	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	687969	44.302	ng	99
20) 3+4-Methylphenols	8.437	107	1094652	43.268	ng	98
22) Acetophenone	8.490	105	1591134	50.141	ng	# 99
24) Nitrobenzene	8.861	77	991432	46.652	ng	99
25) Isophorone	9.390	82	1976359	45.875	ng	99
26) 2-Nitrophenol	9.566	139	417124	53.028	ng	97
27) 2,4-Dimethylphenol	9.637	122	940258	51.900	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	1247008	45.929	ng	100
29) 2,4-Dichlorophenol	10.096	162	937675	49.019	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	977344	47.007	ng	99
31) Naphthalene	10.502	128	2971396	43.426	ng	100
32) Benzoic acid	9.755	122	585113	51.827	ng	96
33) 4-Chloroaniline	10.607	127	209816	7.980	ng	98
34) Hexachlorobutadiene	10.796	225	577996	43.746	ng	99
35) Caprolactam	11.366	113	183370	27.298	ng	95
36) 4-Chloro-3-methylphenol	11.737	107	975273	48.636	ng	98
37) 2-Methylnaphthalene	12.125	142	1963281	40.995	ng	99
38) 1-Methylnaphthalene	12.349	142	2031539	43.665	ng	99
40) 1,2,4,5-Tetrachloroben...	12.496	216	1209010	51.299	ng	99
41) Hexachlorocyclopentadiene	12.490	237	1148165	133.152	ng	98
43) 2,4,6-Trichlorophenol	12.737	196	746993	53.623	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026047.D
 Acq On : 30 Oct 2025 18:27
 Operator : RC/JU
 Sample : Q3447-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MSD

Quant Time: Oct 31 02:14:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

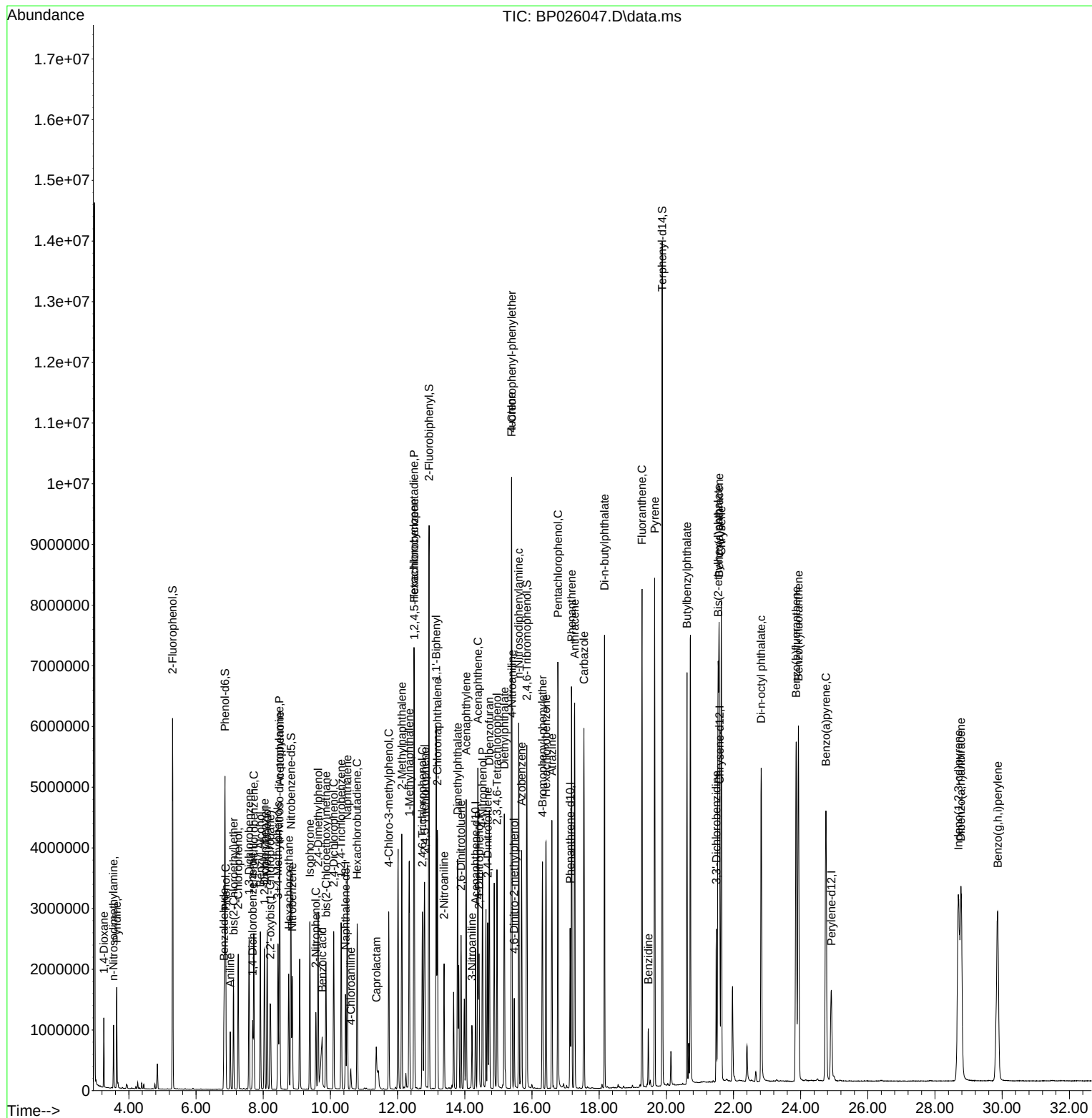
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	827097	52.034	ng	98
46) 1,1'-Biphenyl	13.149	154	3043134	52.396	ng	100
47) 2-Chloronaphthalene	13.184	162	2105527	46.077	ng	100
48) 2-Nitroaniline	13.384	65	565736	48.101	ng	99
49) Acenaphthylene	14.043	152	3629602	54.497	ng	100
50) Dimethylphthalate	13.790	163	2776720	50.328	ng	99
51) 2,6-Dinitrotoluene	13.890	165	561871	54.136	ng	99
52) Acenaphthene	14.390	154	2316473	50.663	ng	100
53) 3-Nitroaniline	14.213	138	248484	21.530	ng	97
54) 2,4-Dinitrophenol	14.425	184	491215	94.001	ng	98
55) Dibenzofuran	14.731	168	3300832	47.782	ng	100
56) 4-Nitrophenol	14.531	139	990661	90.047	ng	99
57) 2,4-Dinitrotoluene	14.684	165	790997	51.994	ng	96
58) Fluorene	15.390	166	2615498	48.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	717206	57.386	ng	100
60) Diethylphthalate	15.178	149	2831272	51.045	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1304011	48.248	ng	99
62) 4-Nitroaniline	15.407	138	591011	50.130	ng	98
63) Azobenzene	15.690	77	2481219	49.359	ng	99
65) 4,6-Dinitro-2-methylph...	15.472	198	341055	53.475	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2358873	49.581	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	838670	49.687	ng	97
68) Hexachlorobenzene	16.419	284	947518	49.312	ng	99
69) Atrazine	16.595	200	886329	55.225	ng	98
70) Pentachlorophenol	16.772	266	1240366	105.682	ng	100
71) Phenanthrene	17.178	178	4228488	47.743	ng	99
72) Anthracene	17.272	178	4329523	49.315	ng	99
73) Carbazole	17.548	167	4081691	49.114	ng	100
74) Di-n-butylphthalate	18.160	149	4953648	53.270	ng	100
75) Fluoranthene	19.278	202	4972924	48.133	ng	99
77) Benzidine	19.466	184	567511	14.147	ng	99
78) Pyrene	19.654	202	5234491	48.970	ng	100
80) Butylbenzylphthalate	20.619	149	2169975	53.922	ng	97
81) Benzo(a)anthracene	21.572	228	5300389	48.805	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	789502	22.562	ng	99
83) Chrysene	21.636	228	4979511	48.402	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	3428289	53.509	ng	99
85) Di-n-octyl phthalate	22.824	149	5544588	58.934	ng	99
87) Indeno(1,2,3-cd)pyrene	28.695	276	6387983	50.982	ng	96
88) Benzo(b)fluoranthene	23.866	252	5214266	49.490	ng	100
89) Benzo(k)fluoranthene	23.936	252	5536721	51.461	ng	100
90) Benzo(a)pyrene	24.754	252	4996186	51.616	ng	99
91) Dibenzo(a,h)anthracene	28.771	278	5275824	51.741	ng	100
92) Benzo(g,h,i)perylene	29.871	276	5131423	52.297	ng	98

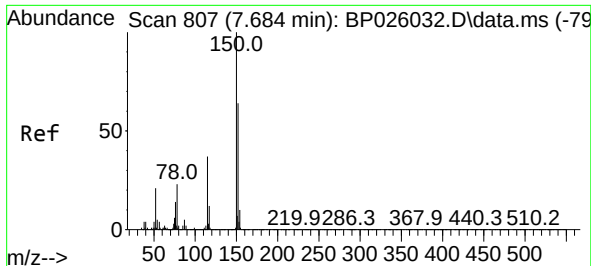
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026047.D
 Acq On : 30 Oct 2025 18:27
 Operator : RC/JU
 Sample : Q3447-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MSD

Quant Time: Oct 31 02:14:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

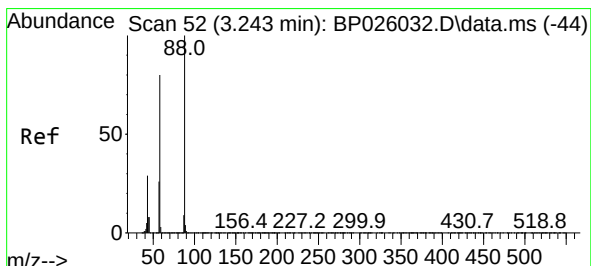
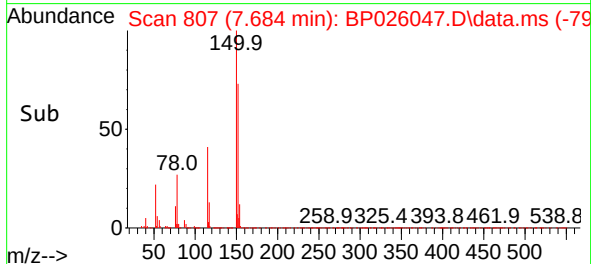
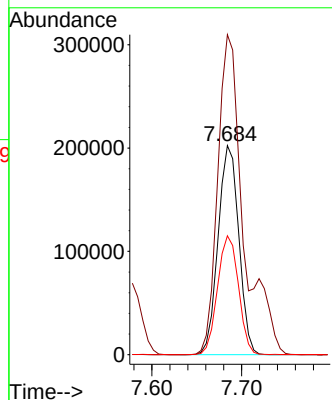
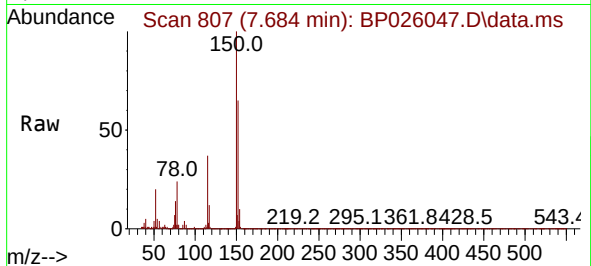




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.684 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026047.D
 Acq: 30 Oct 2025 18:27

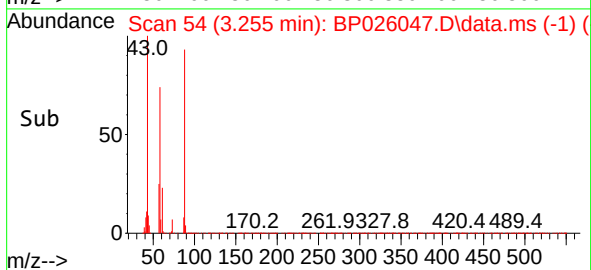
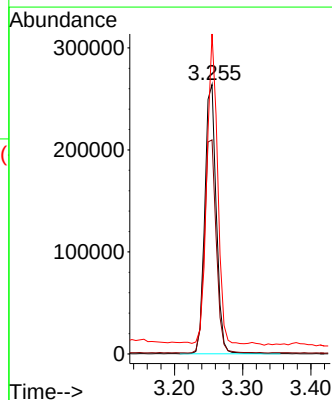
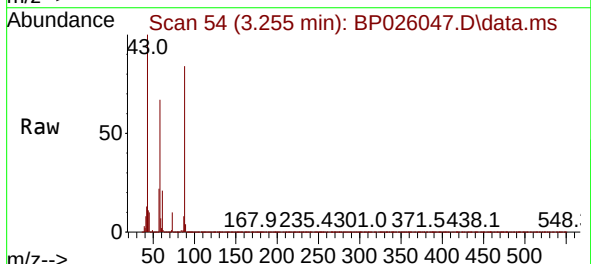
Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MSD

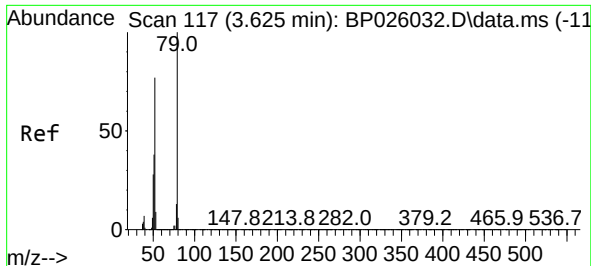
Tgt Ion:152 Resp: 324319
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.7 188.5
 115 56.8 46.4 69.6



#2
 1,4-Dioxane
 Concen: 37.121 ng
 RT: 3.255 min Scan# 54
 Delta R.T. 0.018 min
 Lab File: BP026047.D
 Acq: 30 Oct 2025 18:27

Tgt Ion: 88 Resp: 307573
 Ion Ratio Lower Upper
 88 100
 58 81.3 65.4 98.0
 43 107.6 23.1 34.7#

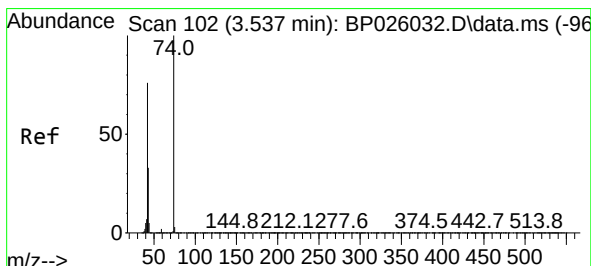
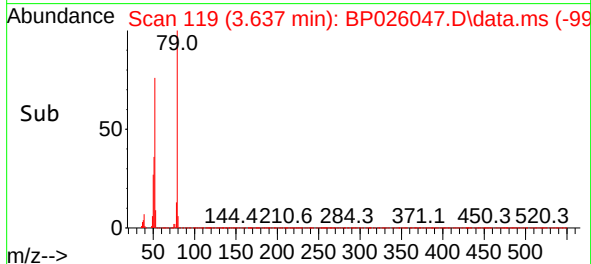
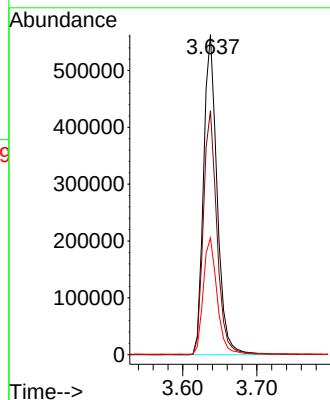
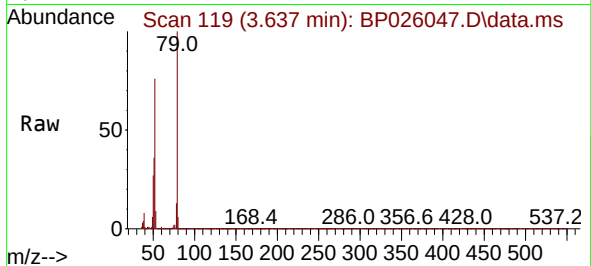




#3
Pyridine
Concen: 30.302 ng
RT: 3.637 min Scan# 117
Delta R.T. 0.018 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

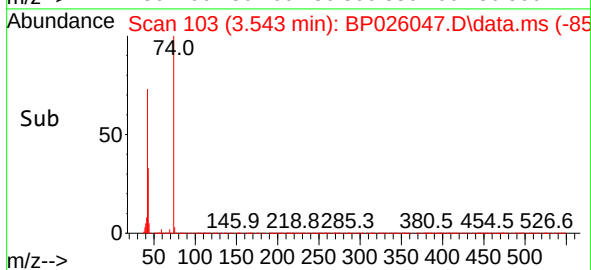
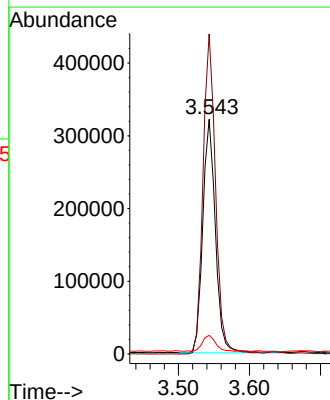
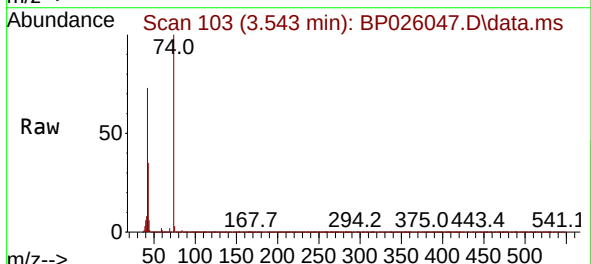
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

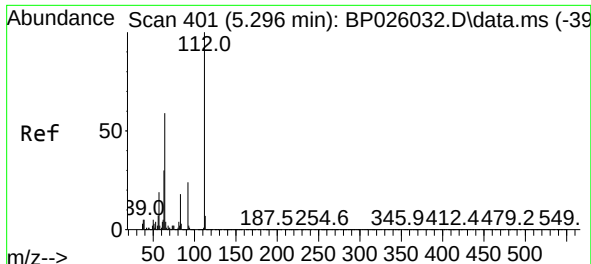
Tgt Ion: 79 Resp: 713734
Ion Ratio Lower Upper
79 100
52 76.2 62.0 93.0
51 36.5 30.6 46.0



#4
n-Nitrosodimethylamine
Concen: 42.303 ng
RT: 3.543 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 42 Resp: 399353
Ion Ratio Lower Upper
42 100
74 136.3 105.7 158.5
44 7.9 6.6 9.8

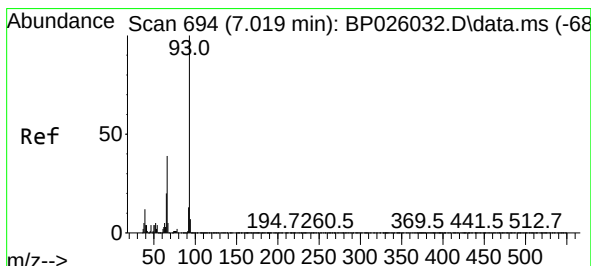
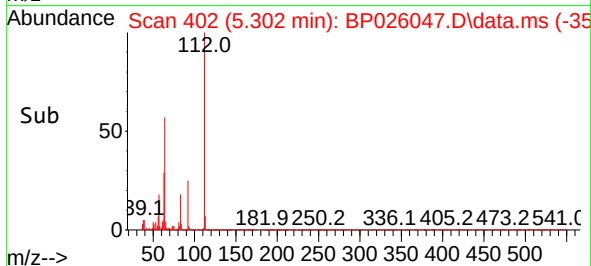
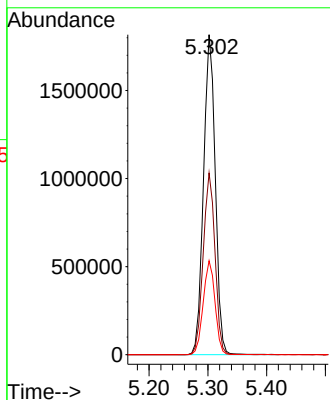
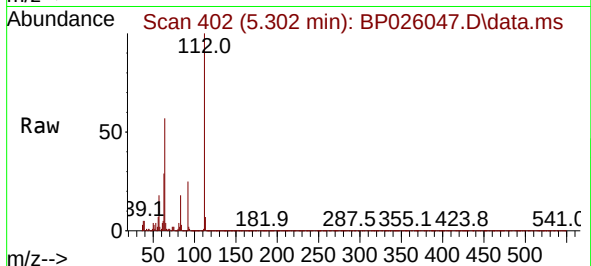




#5
2-Fluorophenol
Concen: 128.465 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

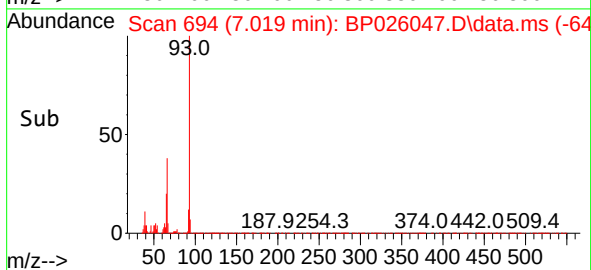
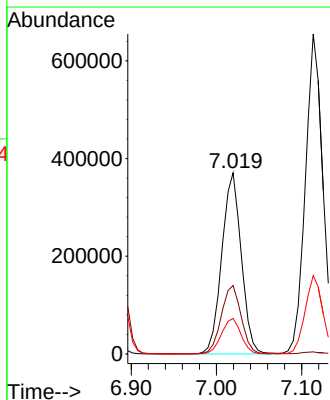
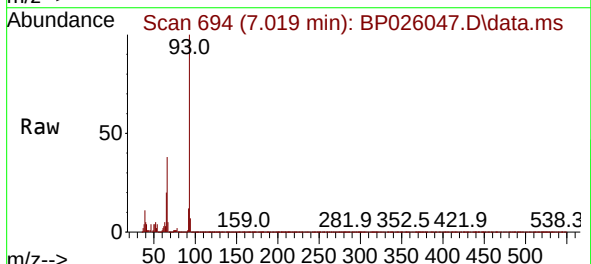
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

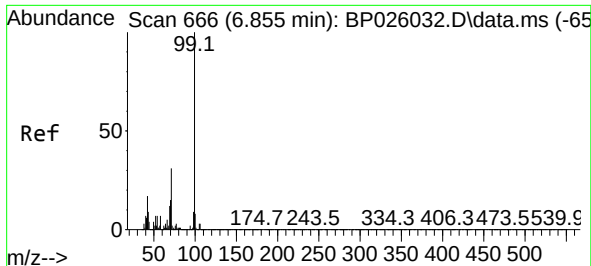
Tgt Ion:112 Resp: 2524916
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.2
63 29.3 24.2 36.4



#6
Aniline
Concen: 17.628 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 93 Resp: 588557
Ion Ratio Lower Upper
93 100
66 37.8 31.2 46.8
65 19.6 16.1 24.1





#7

Phenol-d6

Concen: 115.258 ng

RT: 6.861 min Scan# 6

Delta R.T. 0.006 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

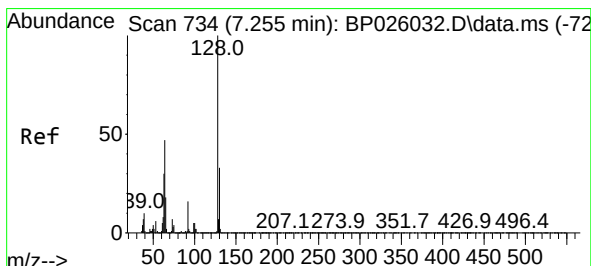
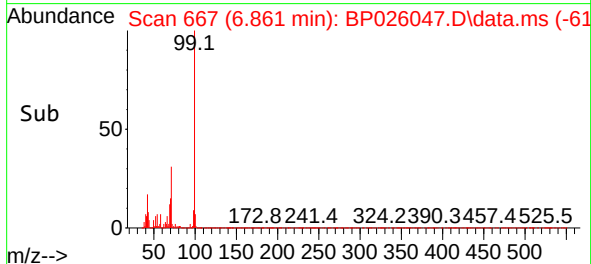
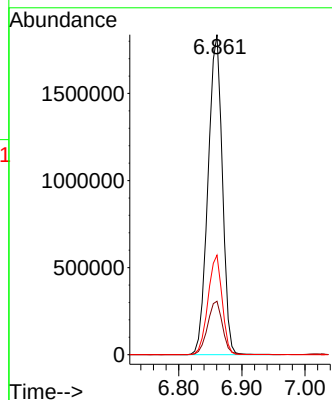
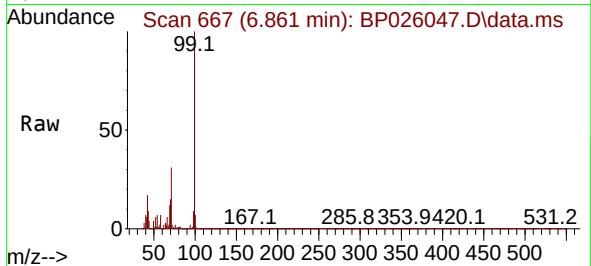
Tgt Ion: 99 Resp: 2883328

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

71 31.1 24.4 36.6



#8

2-Chlorophenol

Concen: 45.041 ng

RT: 7.255 min Scan# 734

Delta R.T. 0.000 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

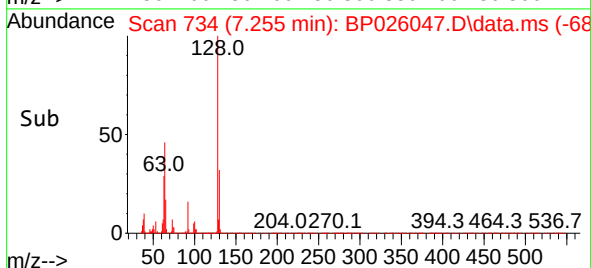
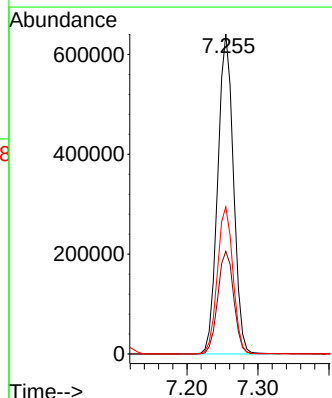
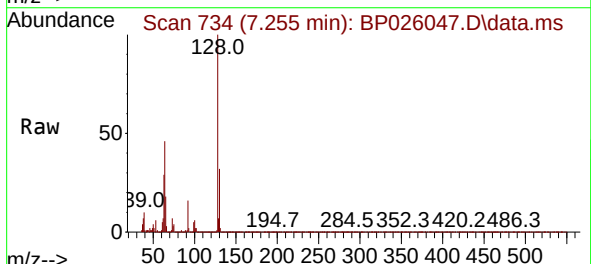
Tgt Ion:128 Resp: 980300

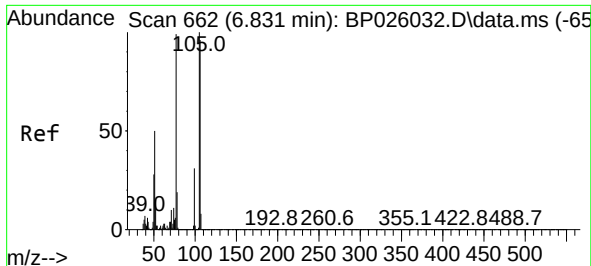
Ion Ratio Lower Upper

128 100

130 32.1 12.7 52.7

64 46.0 27.4 67.4

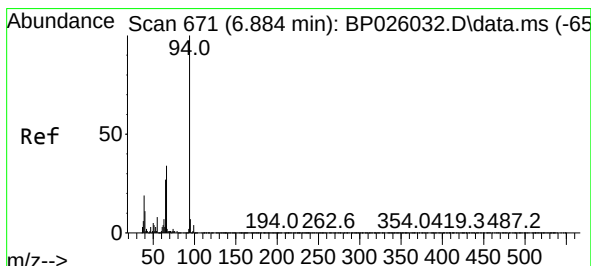
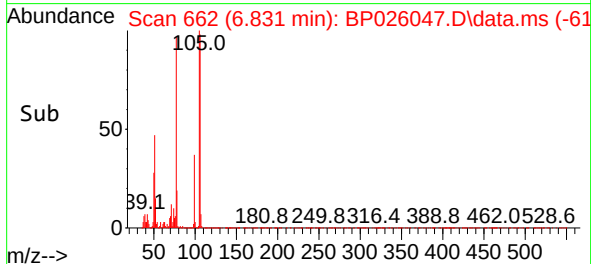
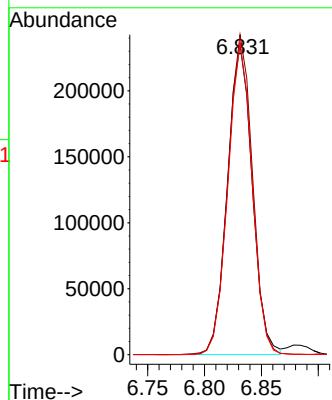
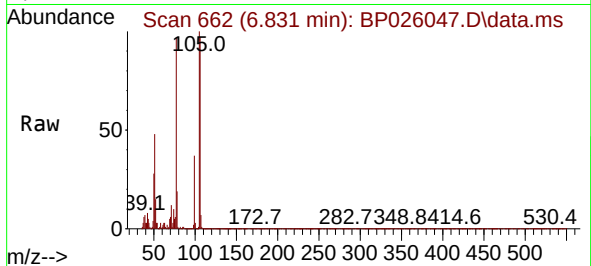




#9
Benzaldehyde
Concen: 27.398 ng
RT: 6.831 min Scan# 601
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

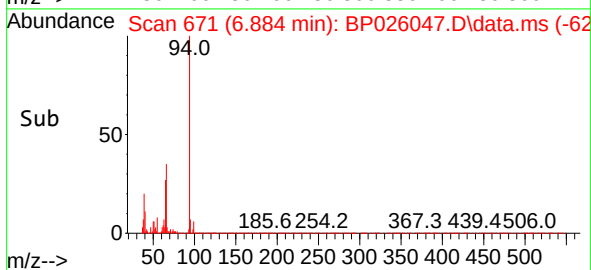
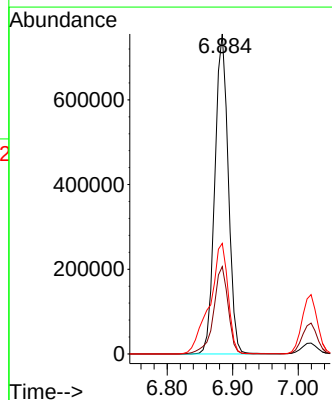
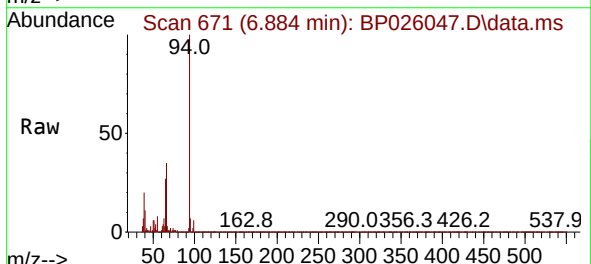
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

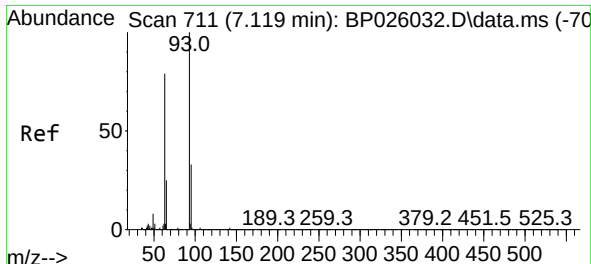
Tgt Ion: 77 Resp: 356301
Ion Ratio Lower Upper
77 100
105 103.2 80.7 120.7
106 100.6 76.5 116.5



#10
Phenol
Concen: 38.574 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 94 Resp: 1071317
Ion Ratio Lower Upper
94 100
65 27.3 7.1 47.1
66 34.5 14.4 54.4

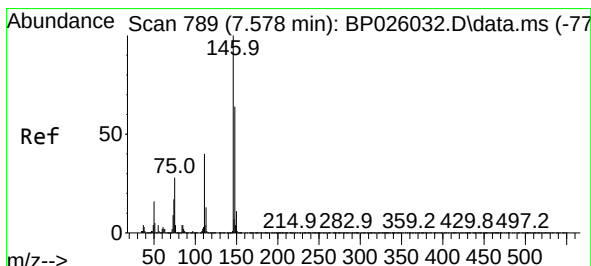
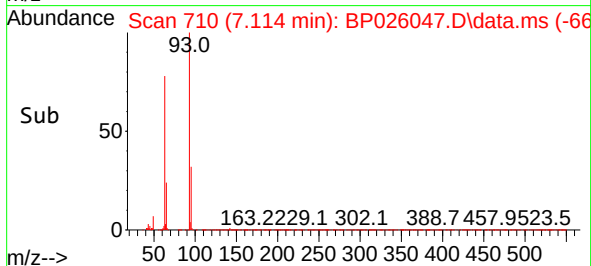
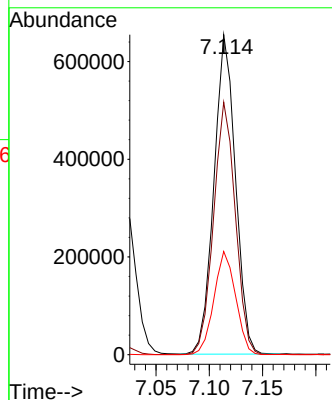
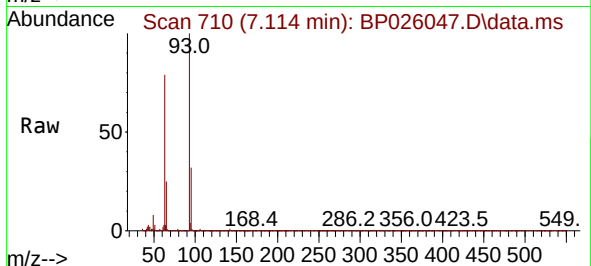




#11
bis(2-Chloroethyl)ether
Concen: 41.950 ng
RT: 7.114 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

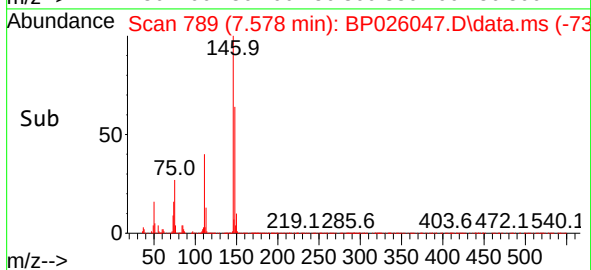
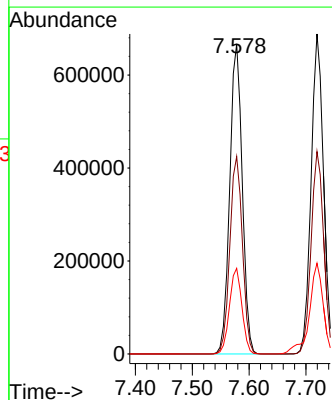
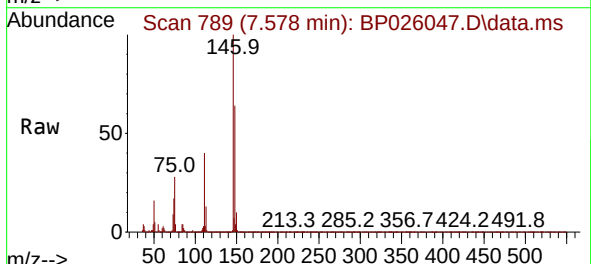
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

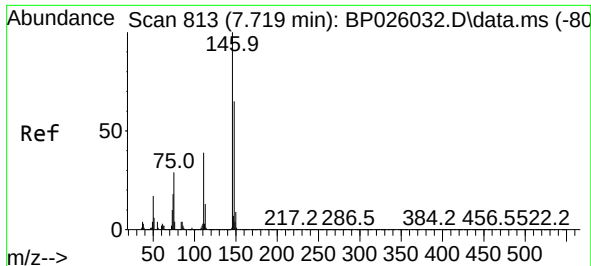
Tgt Ion: 93 Resp: 919442
Ion Ratio Lower Upper
93 100
63 78.9 59.1 99.1
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.797 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 146 Resp: 1019708
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
75 27.6 22.6 33.8

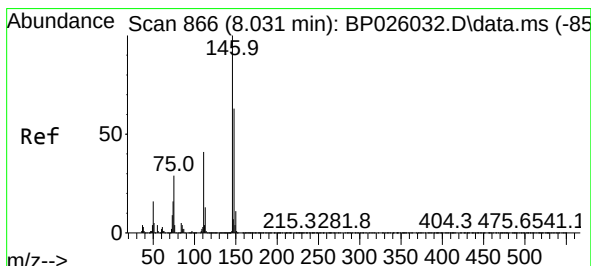
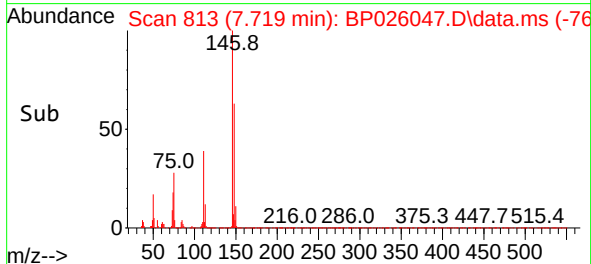
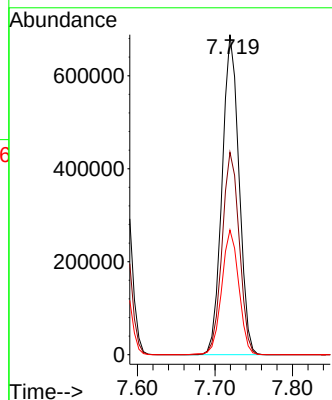
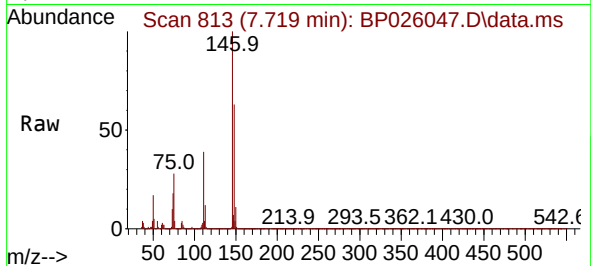




#13
1,4-Dichlorobenzene
Concen: 41.317 ng
RT: 7.719 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

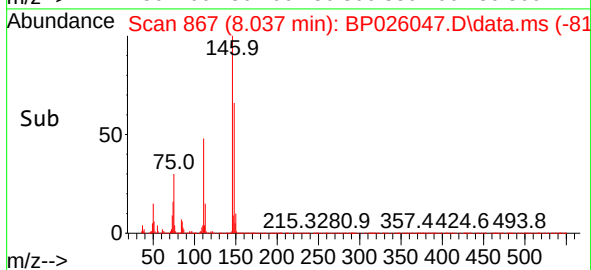
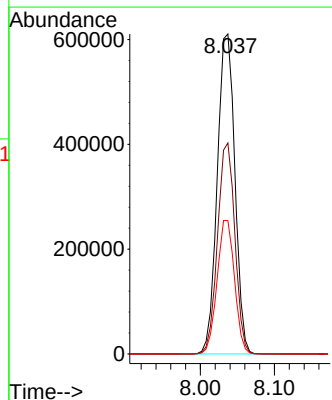
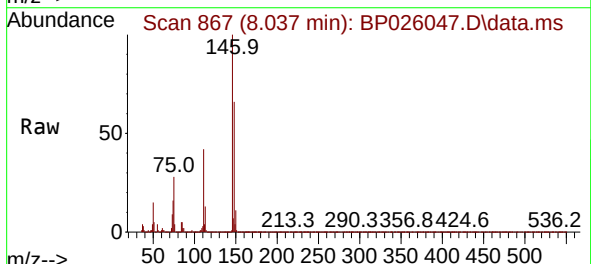
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

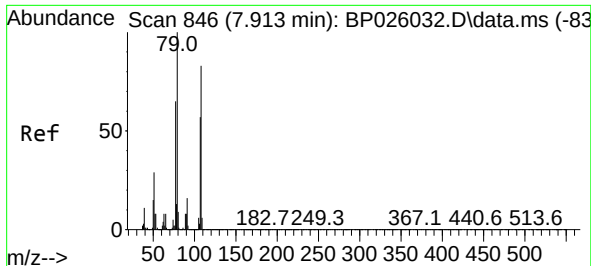
Tgt Ion:146 Resp: 1044134
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.2
111 39.0 31.3 46.9



#14
1,2-Dichlorobenzene
Concen: 41.840 ng
RT: 8.037 min Scan# 867
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:146 Resp: 1008952
Ion Ratio Lower Upper
146 100
148 66.0 50.8 76.2
111 41.7 33.0 49.4

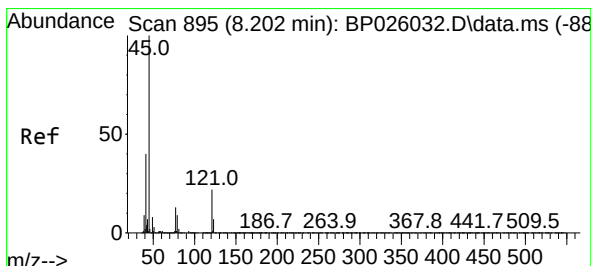
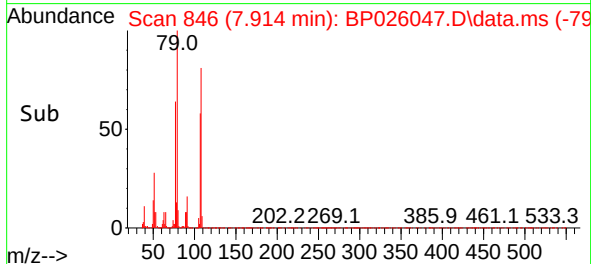
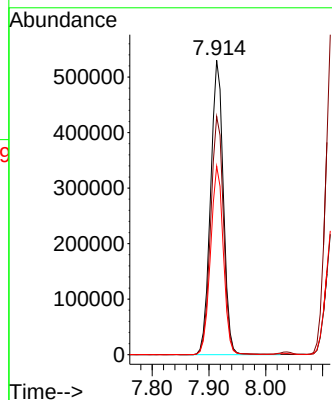
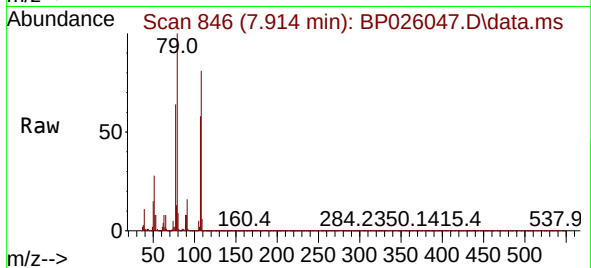




#15
Benzyl Alcohol
Concen: 45.675 ng
RT: 7.914 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

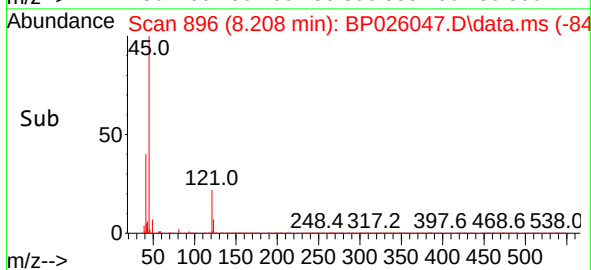
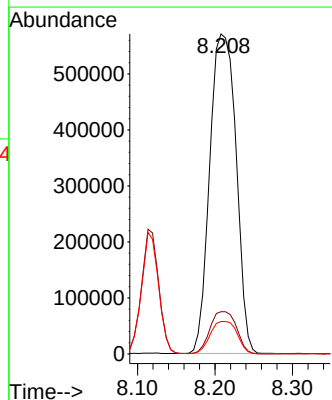
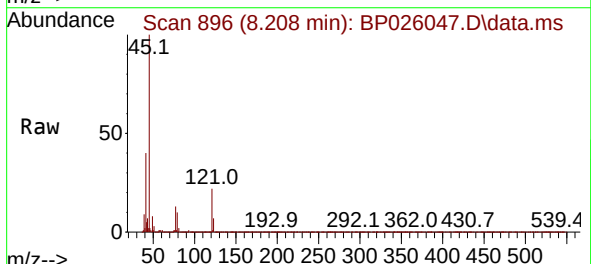
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

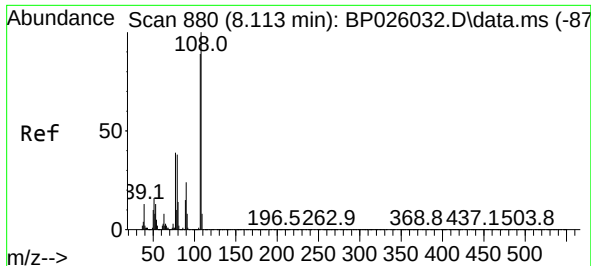
Tgt Ion: 79 Resp: 823727
Ion Ratio Lower Upper
79 100
108 80.9 66.0 99.0
77 64.0 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.720 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 45 Resp: 1348863
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.2
79 10.1 0.0 29.5

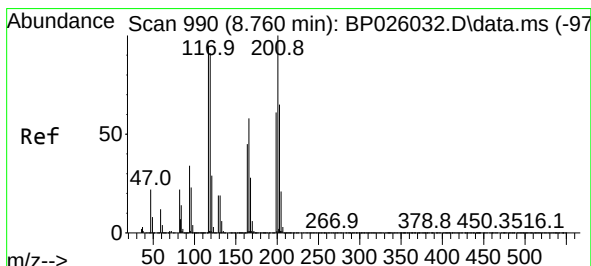
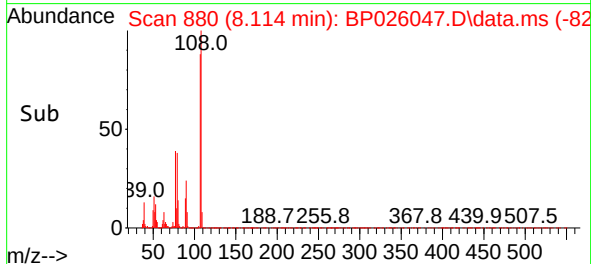
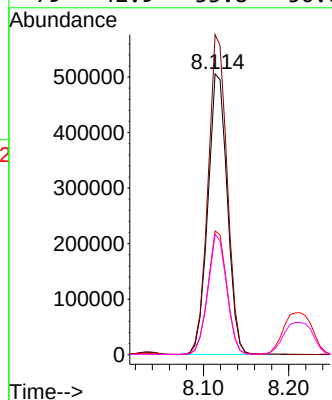
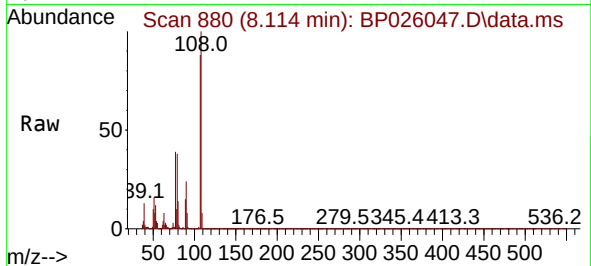




#17
2-Methylphenol
Concen: 43.862 ng
RT: 8.114 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

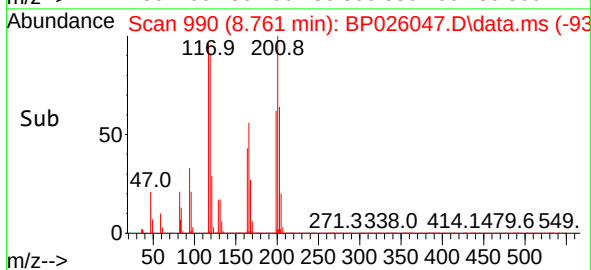
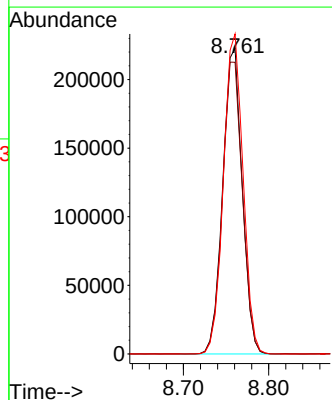
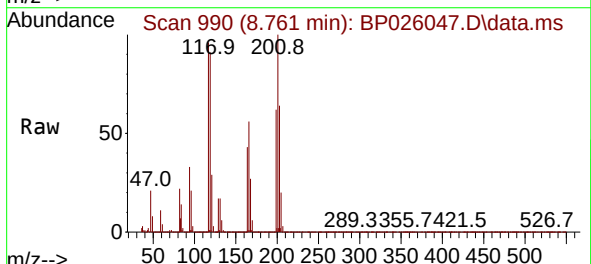
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

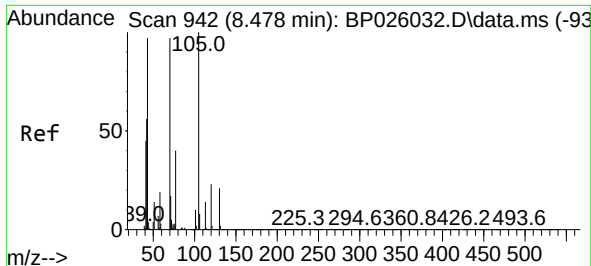
Tgt Ion:107 Resp: 797678
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.8
77 44.1 34.8 52.2
79 42.9 33.8 50.6



#18
Hexachloroethane
Concen: 41.010 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:117 Resp: 354639
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7
201 104.7 84.2 126.4

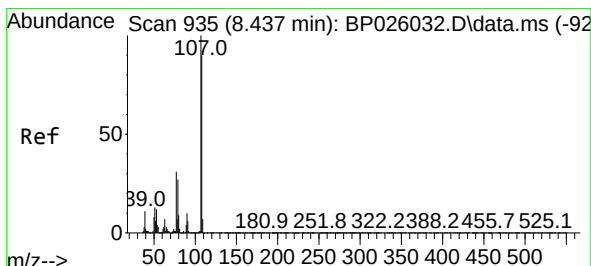
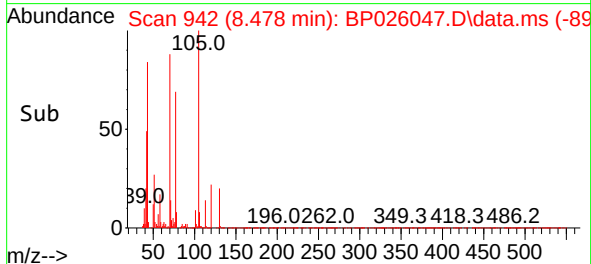
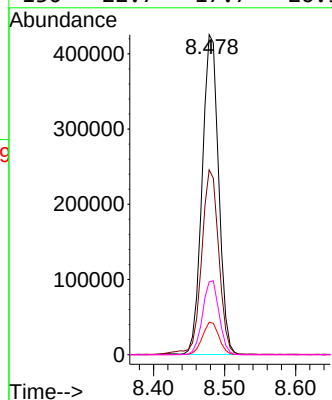
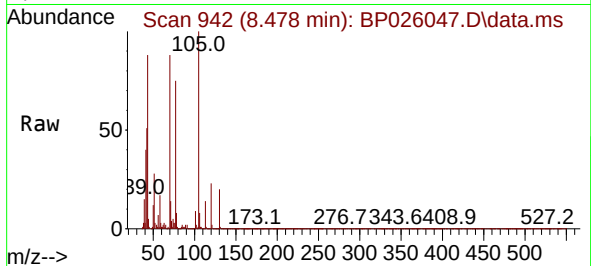




#19
n-Nitroso-di-n-propylamine
Concen: 44.302 ng
RT: 8.478 min Scan# 94
Delta R.T. -0.011 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

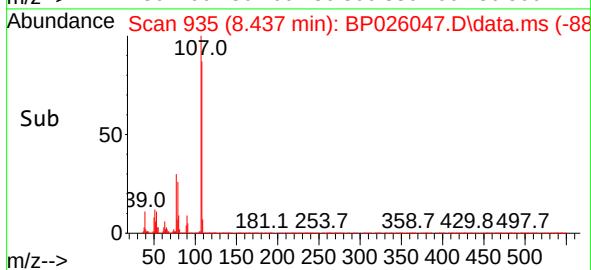
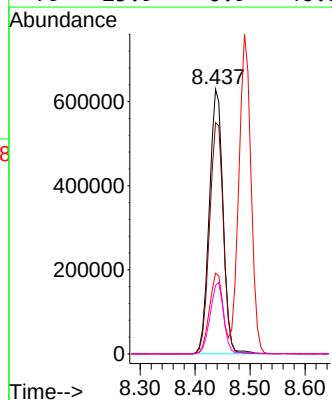
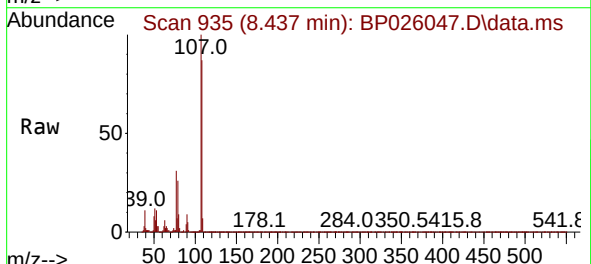
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

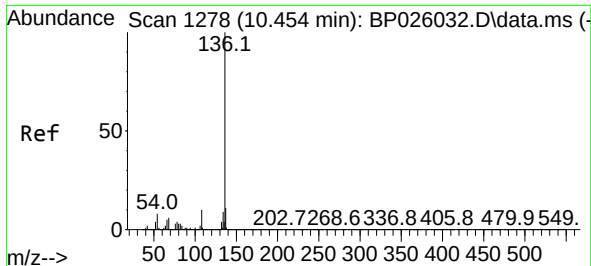
Tgt Ion:	70	Resp:	687969
Ion	Ratio	Lower	Upper
70	100		
42	57.8	47.2	70.8
101	10.1	8.2	12.2
130	22.7	17.7	26.5



#20
3+4-Methylphenols
Concen: 43.268 ng
RT: 8.437 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:	107	Resp:	1094652
Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.1	110.1
77	30.5	10.7	50.7
79	25.9	6.9	46.9

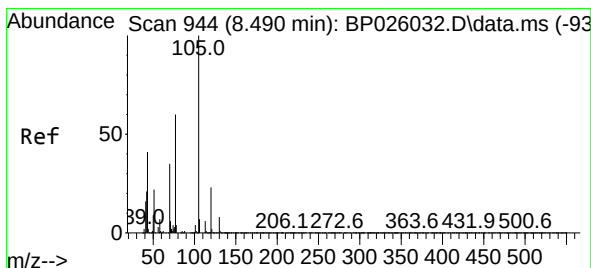
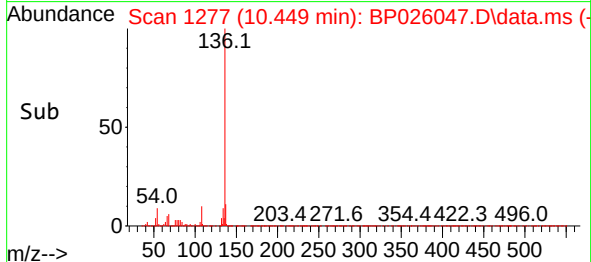
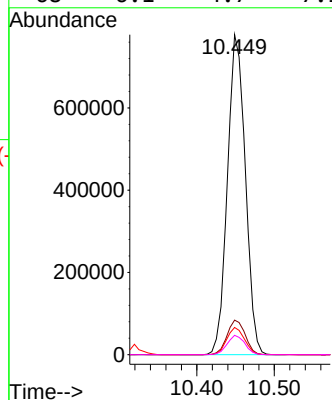
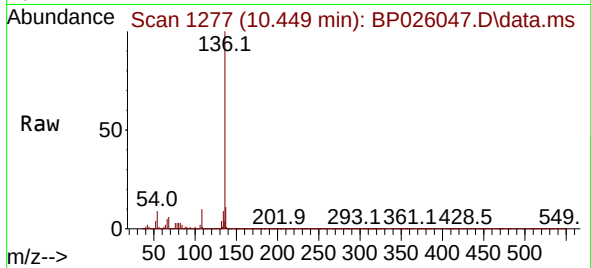




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

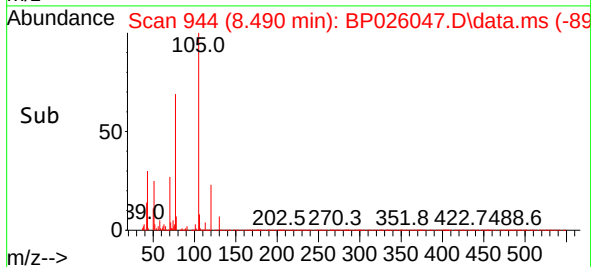
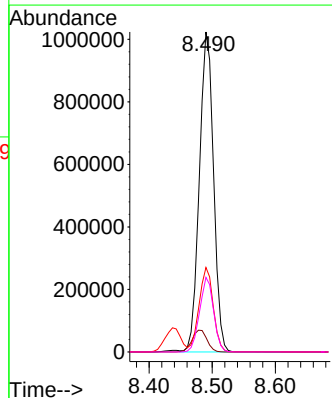
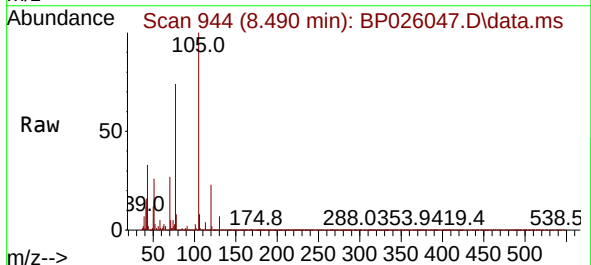
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

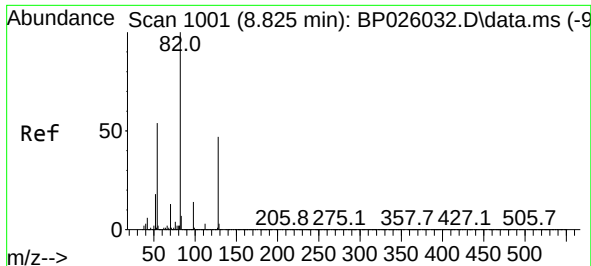
Tgt Ion:136 Resp: 1254755
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 6.6 10.0
68 6.1 4.7 7.1



#22
Acetophenone
Concen: 50.141 ng
RT: 8.490 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:105 Resp: 1591134
Ion Ratio Lower Upper
105 100
71 4.6 4.7 7.1#
51 26.4 21.8 32.8
120 23.3 18.7 28.1

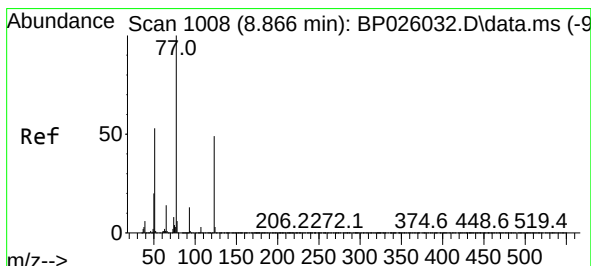
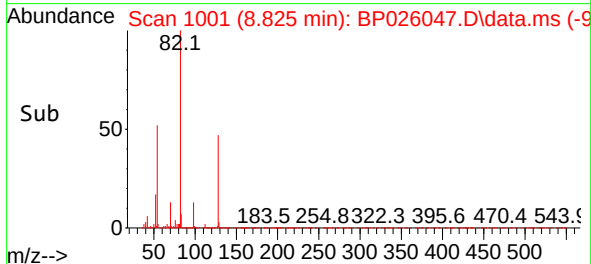
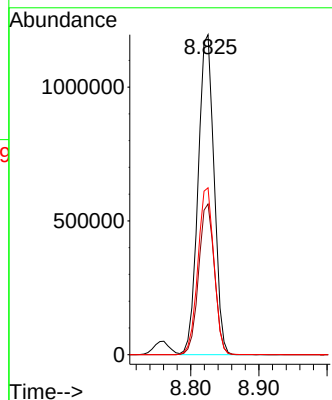
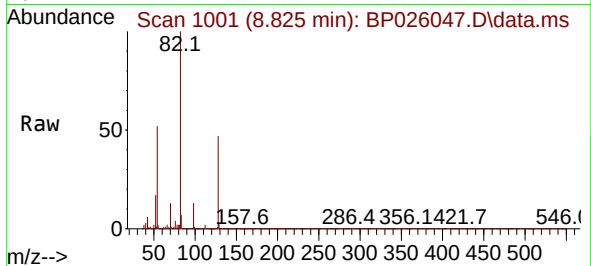




#23
Nitrobenzene-d5
Concen: 96.557 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

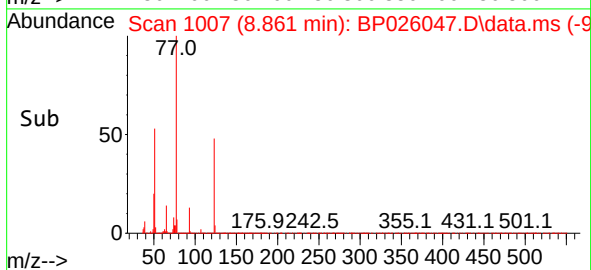
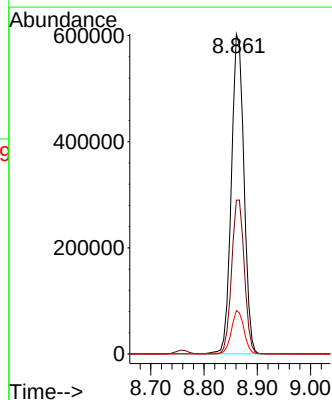
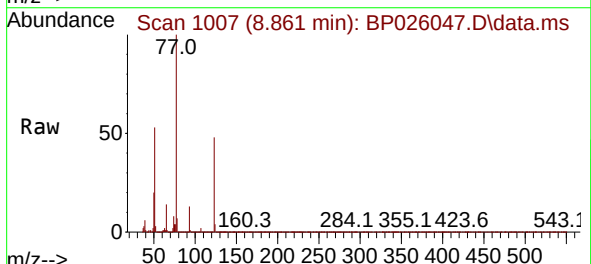
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

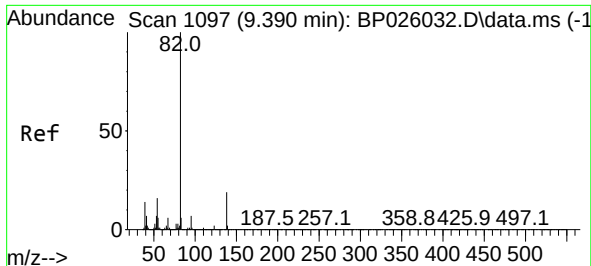
Tgt Ion: 82 Resp: 1943463
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.0
54 52.2 42.7 64.1



#24
Nitrobenzene
Concen: 46.652 ng
RT: 8.861 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 77 Resp: 991432
Ion Ratio Lower Upper
77 100
123 48.1 39.0 58.4
65 13.6 10.9 16.3

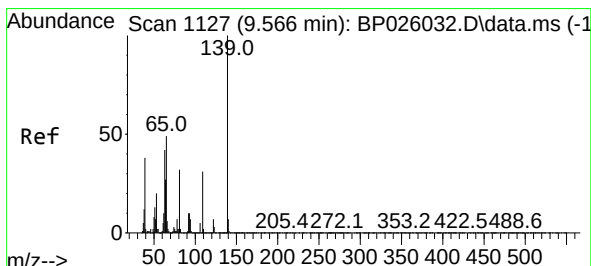
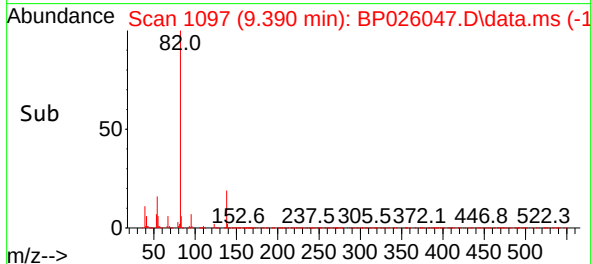
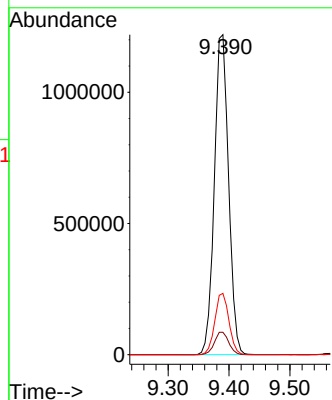
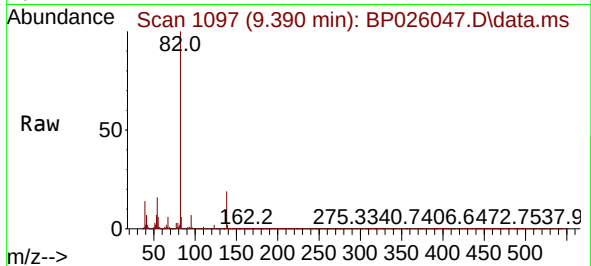




#25
Isophorone
Concen: 45.875 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

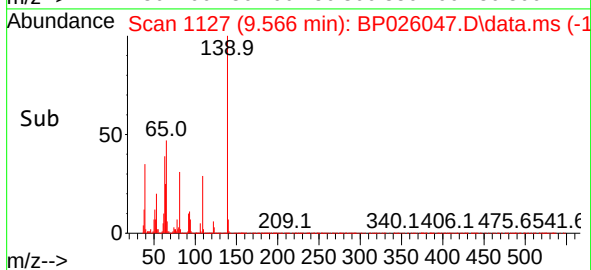
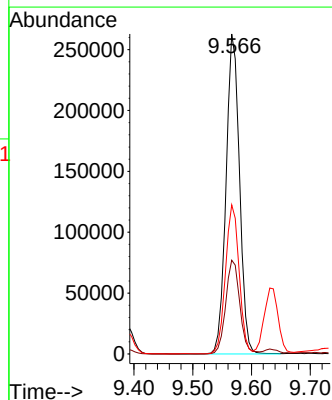
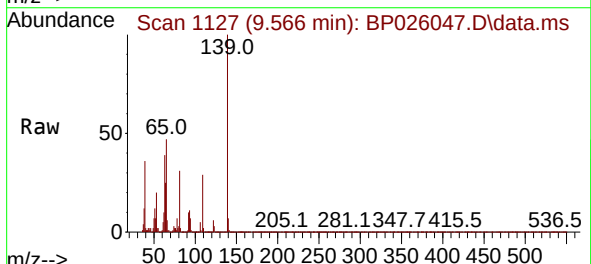
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

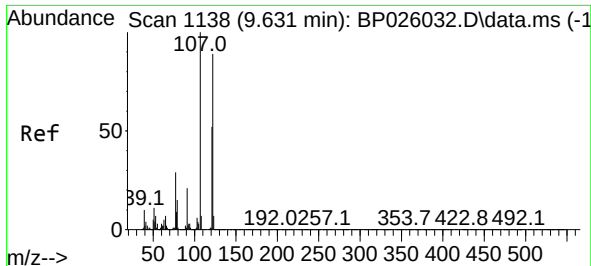
Tgt Ion: 82 Resp: 1976359
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.2 15.0 22.6



#26
2-Nitrophenol
Concen: 53.028 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:139 Resp: 417124
Ion Ratio Lower Upper
139 100
109 29.3 24.8 37.2
65 46.6 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 51.900 ng

RT: 9.637 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

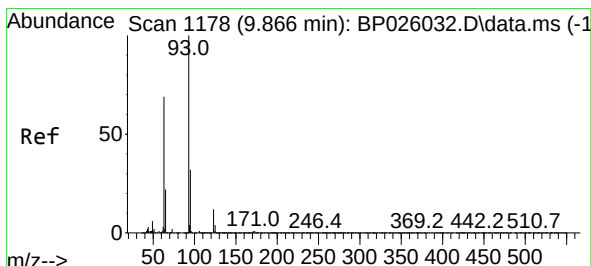
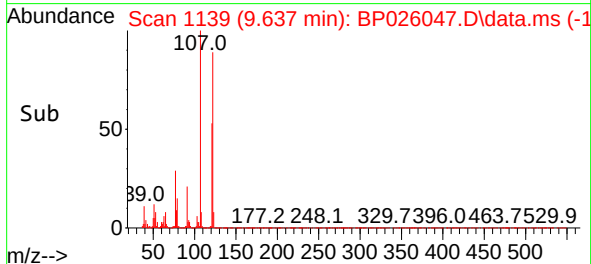
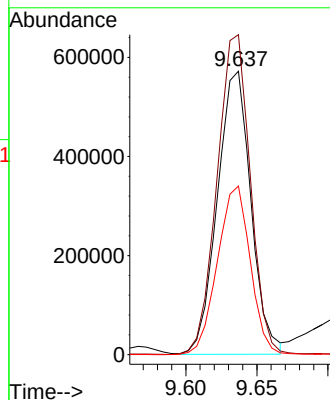
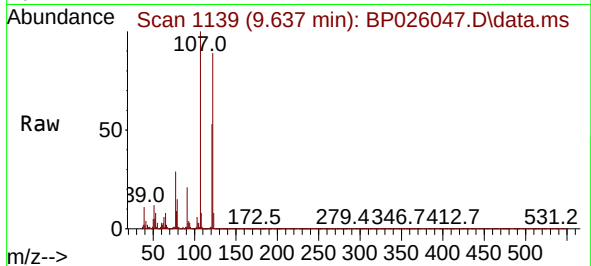
Tgt Ion:122 Resp: 940258

Ion Ratio Lower Upper

122 100

107 112.8 89.2 133.8

121 59.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.929 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

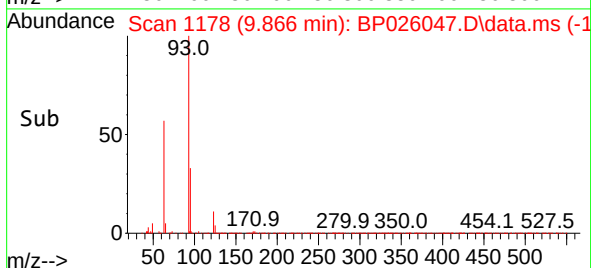
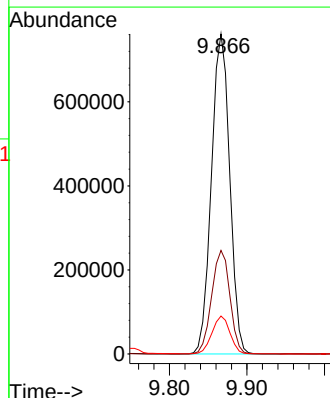
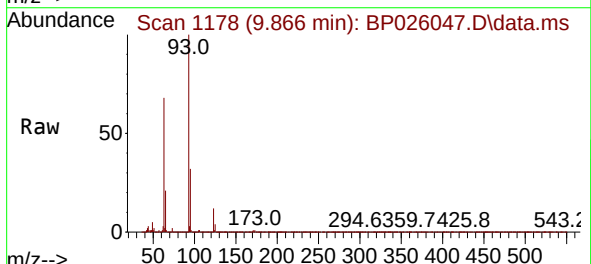
Tgt Ion: 93 Resp: 1247008

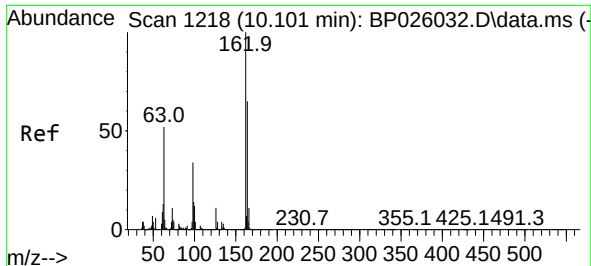
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.6

123 11.8 9.3 13.9

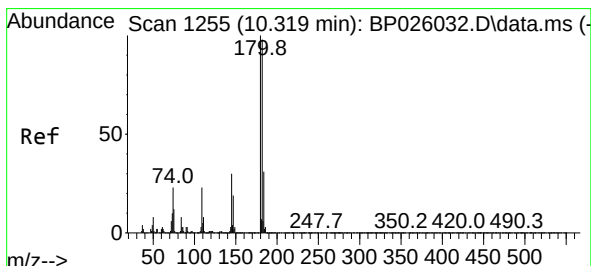
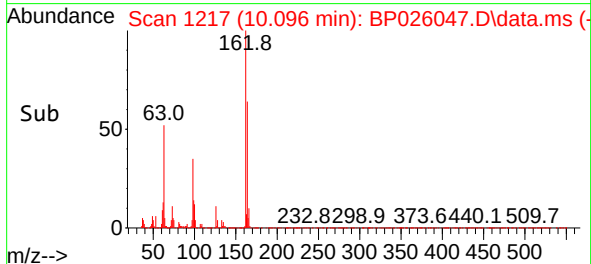
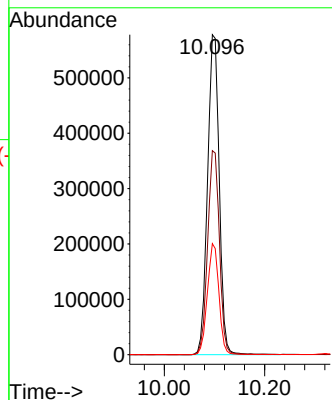
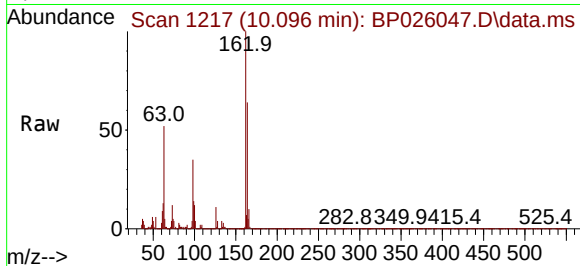




#29
2,4-Dichlorophenol
Concen: 49.019 ng
RT: 10.096 min Scan# 1217
Delta R.T. 0.001 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

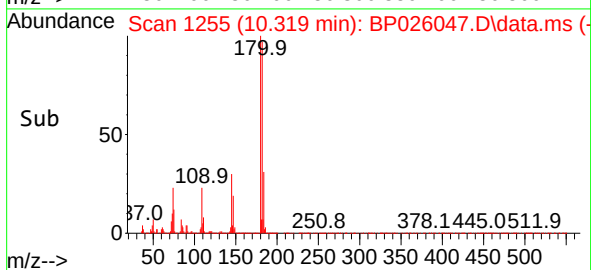
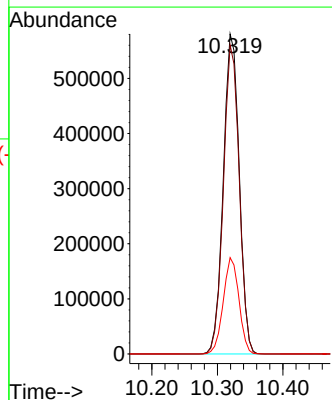
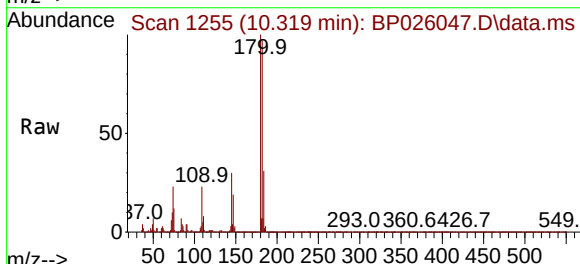
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

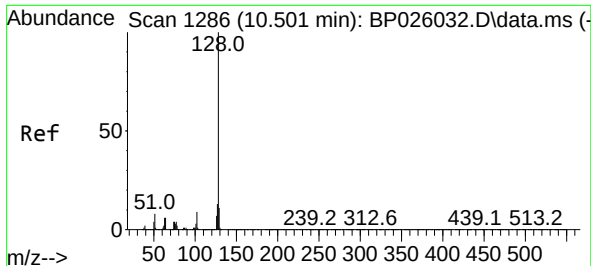
Tgt Ion:162 Resp: 937675
Ion Ratio Lower Upper
162 100
164 63.8 44.6 84.6
98 34.7 14.0 54.0



#30
1,2,4-Trichlorobenzene
Concen: 47.007 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:180 Resp: 977344
Ion Ratio Lower Upper
180 100
182 96.5 78.6 117.8
145 30.1 24.2 36.4

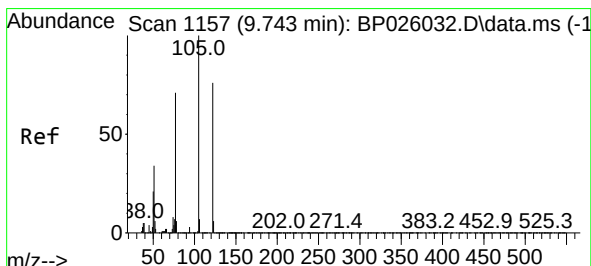
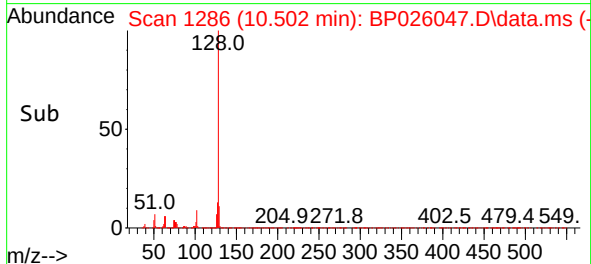
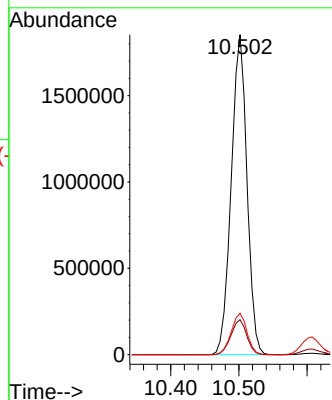
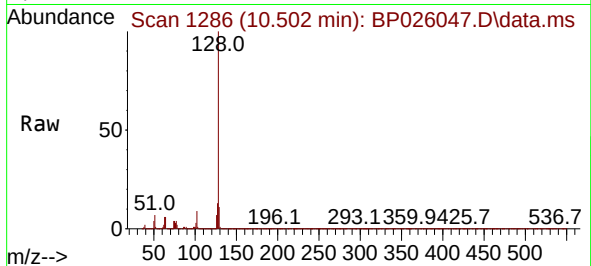




#31
Naphthalene
Concen: 43.426 ng
RT: 10.502 min Scan# 111
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

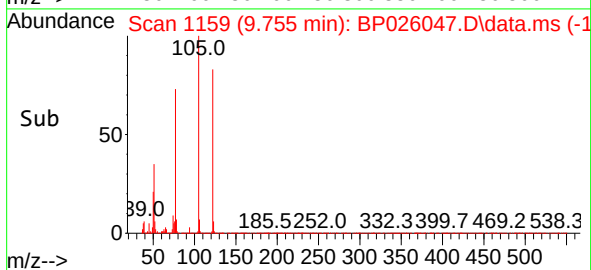
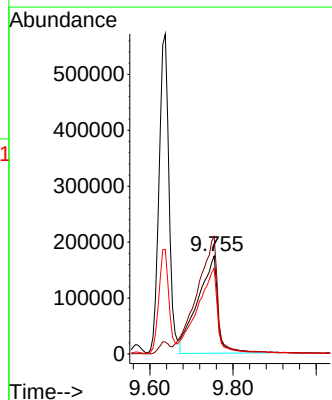
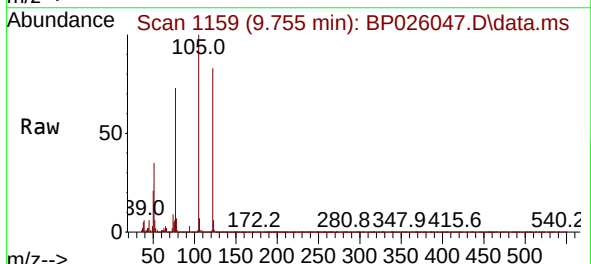
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

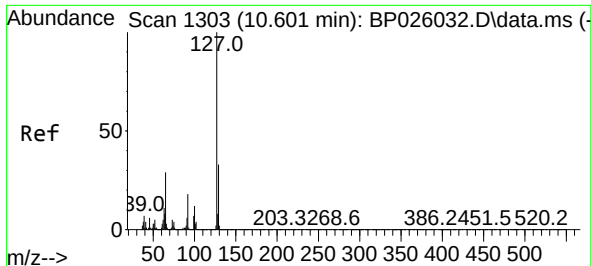
Tgt Ion:128 Resp: 2971396
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 51.827 ng
RT: 9.755 min Scan# 1159
Delta R.T. -0.023 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:122 Resp: 585113
Ion Ratio Lower Upper
122 100
105 119.8 104.8 144.8
77 87.7 70.9 110.9

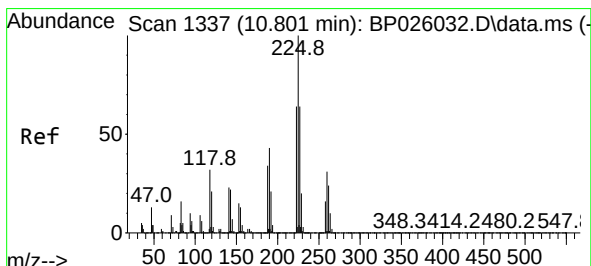
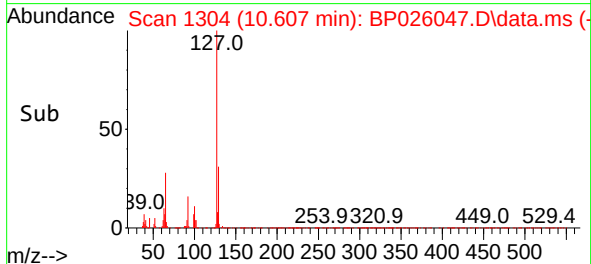
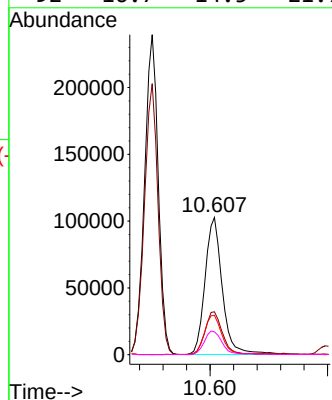
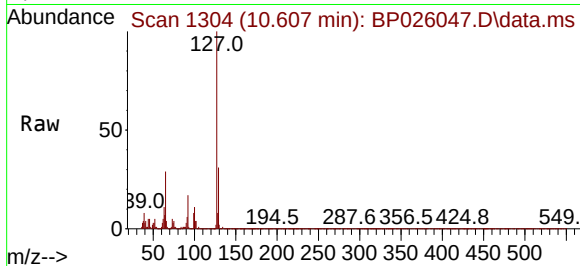




#33
4-Chloroaniline
Concen: 7.980 ng
RT: 10.607 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

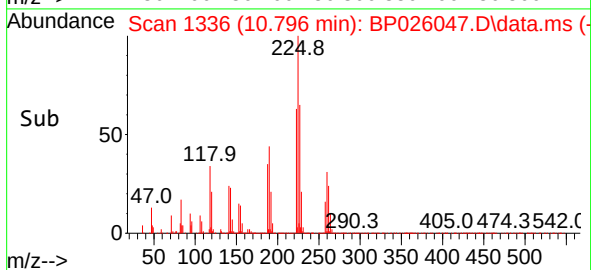
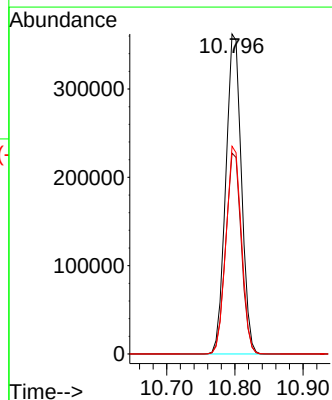
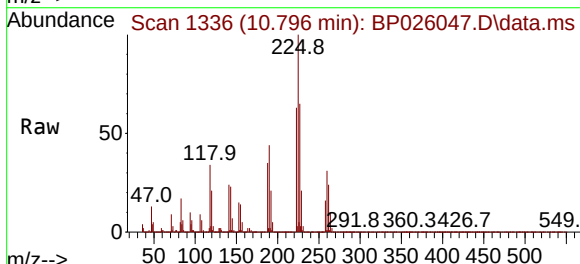
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

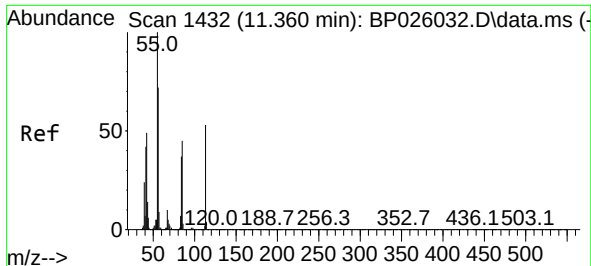
Tgt Ion:	127	Resp:	209816
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0
65	28.6	23.2	34.8
92	16.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 43.746 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:	225	Resp:	577996
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	64.9	51.0	76.4

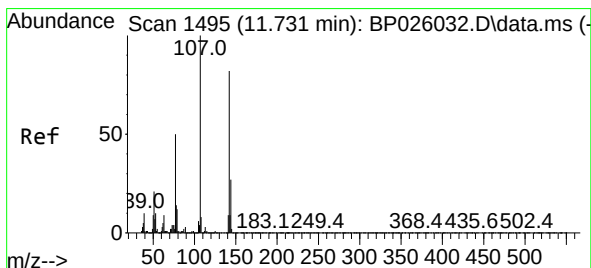
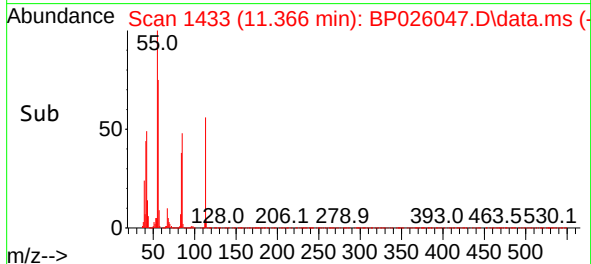
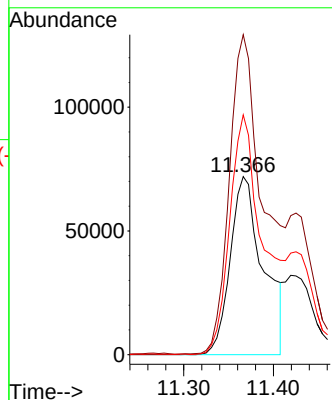
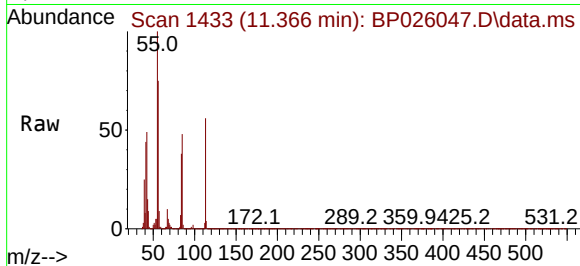




#35
Caprolactam
Concen: 27.298 ng
RT: 11.366 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

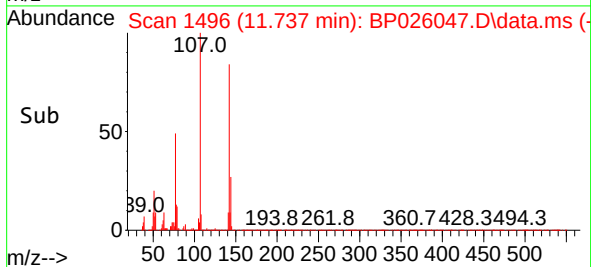
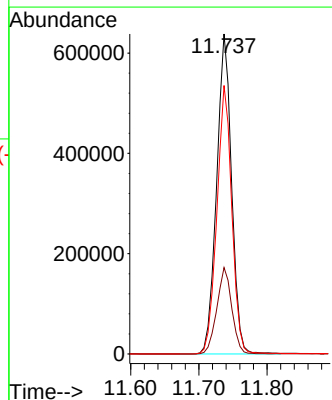
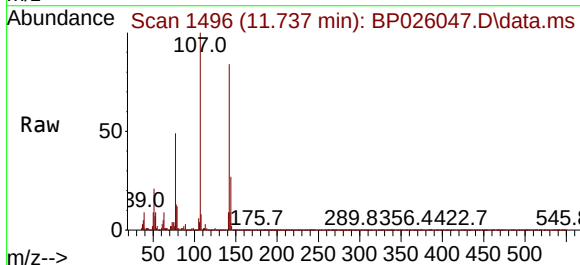
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

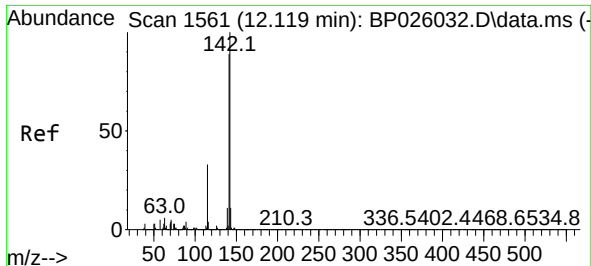
Tgt Ion:113 Resp: 183370
Ion Ratio Lower Upper
113 100
55 179.7 169.9 209.9
56 134.7 116.7 156.7



#36
4-Chloro-3-methylphenol
Concen: 48.636 ng
RT: 11.737 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:107 Resp: 975273
Ion Ratio Lower Upper
107 100
144 27.0 21.3 31.9
142 83.9 65.2 97.8

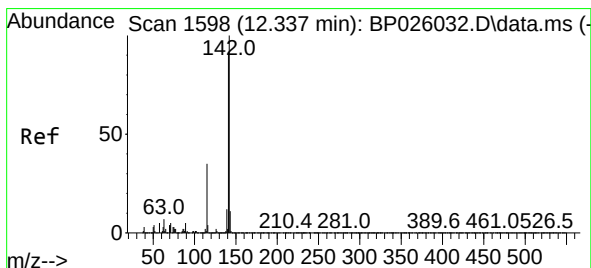
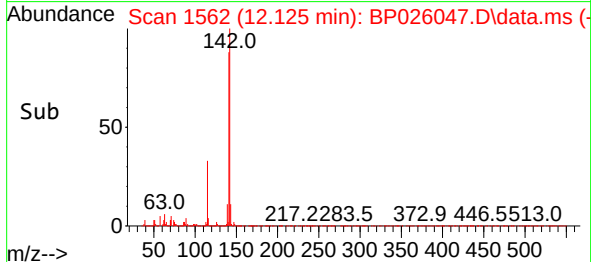
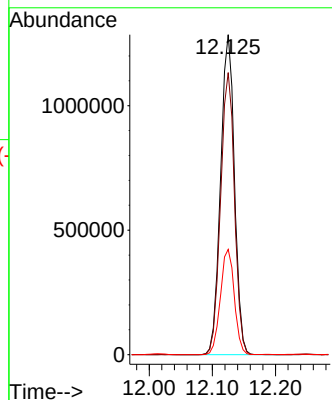
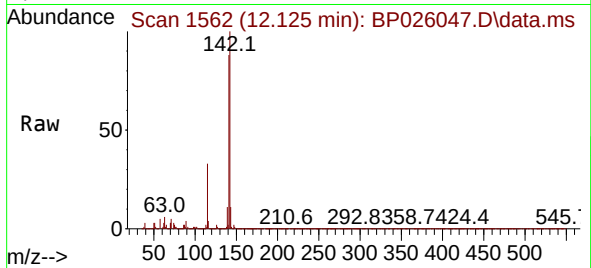




#37
2-Methylnaphthalene
Concen: 40.995 ng
RT: 12.125 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

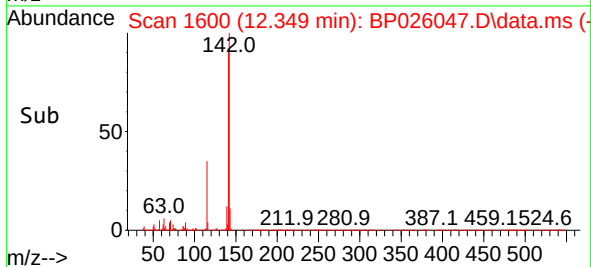
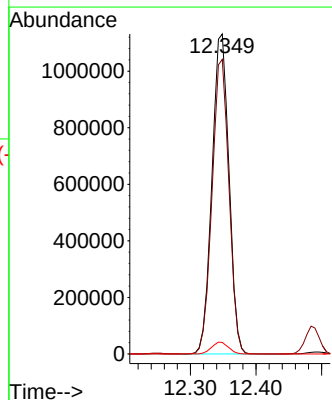
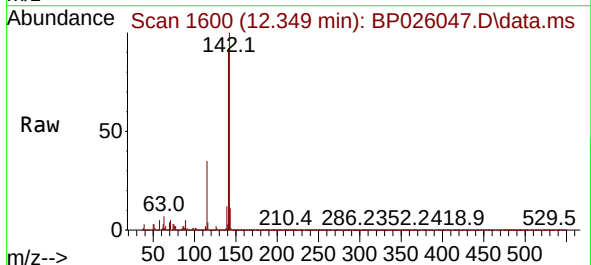
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

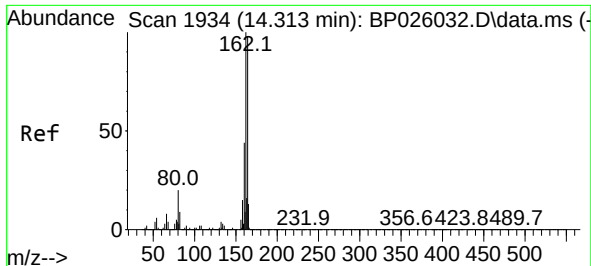
Tgt Ion:142 Resp: 1963281
Ion Ratio Lower Upper
142 100
141 88.1 71.6 107.4
115 32.9 26.6 39.8



#38
1-Methylnaphthalene
Concen: 43.665 ng
RT: 12.349 min Scan# 1600
Delta R.T. 0.013 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:142 Resp: 2031539
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1
116 3.6 2.9 4.3

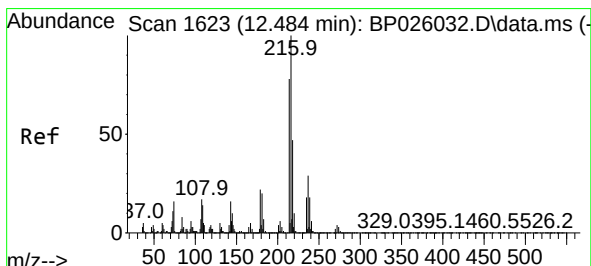
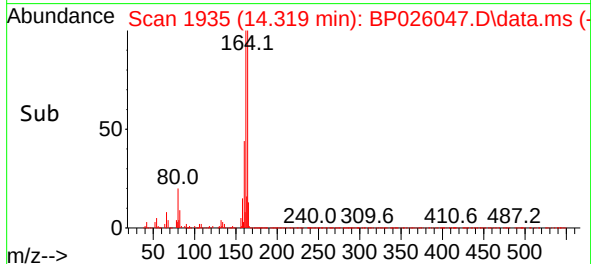
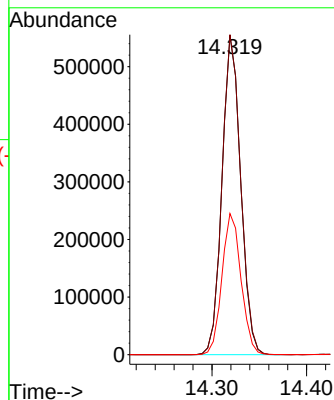
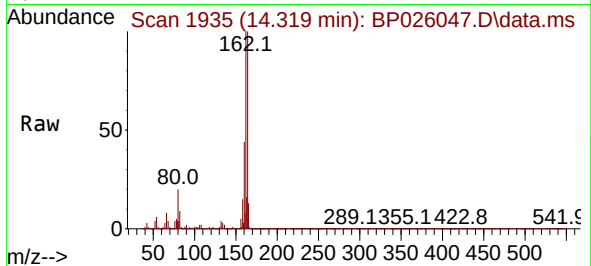




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

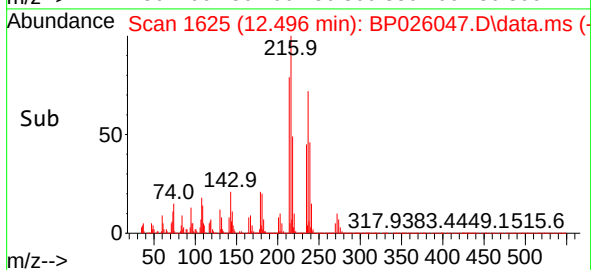
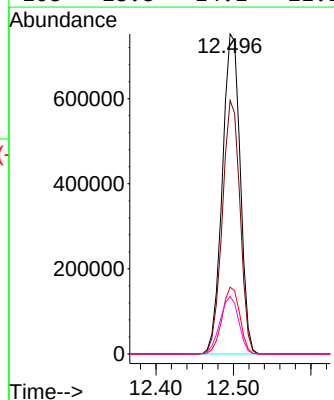
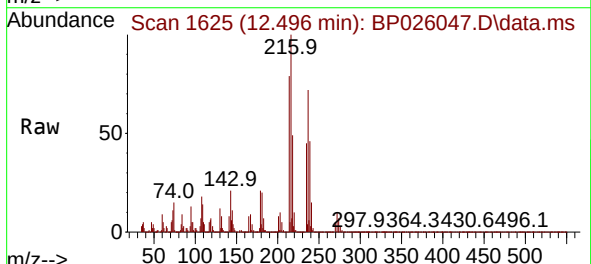
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

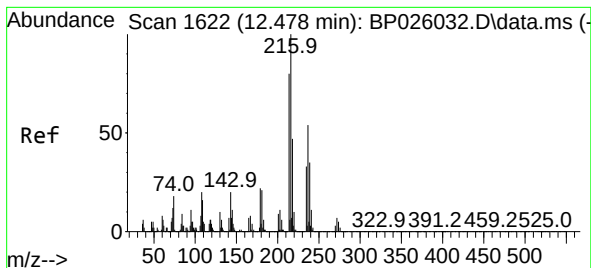
Tgt Ion:164 Resp: 758504
Ion Ratio Lower Upper
164 100
162 100.1 81.5 122.3
160 44.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.299 ng
RT: 12.496 min Scan# 1625
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:216 Resp: 1209010
Ion Ratio Lower Upper
216 100
214 78.3 62.9 94.3
179 20.7 16.9 25.3
108 18.8 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 133.152 ng

RT: 12.490 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

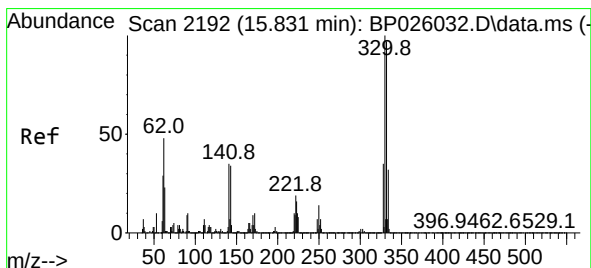
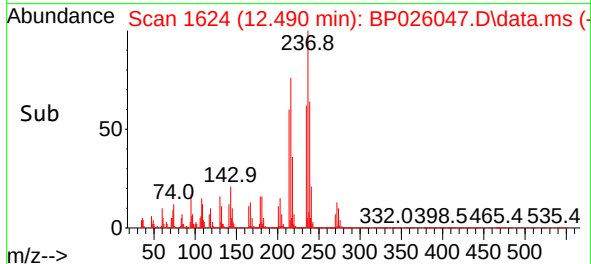
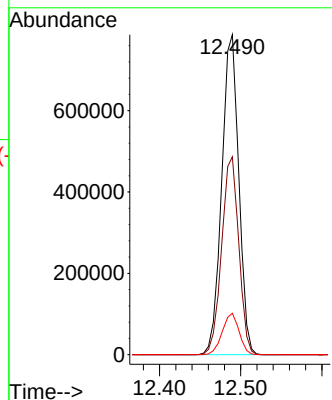
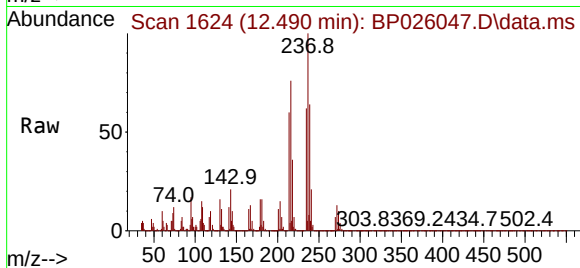
Tgt Ion:237 Resp: 1148165

Ion Ratio Lower Upper

237 100

235 61.9 40.4 80.4

272 13.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 153.919 ng

RT: 15.848 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

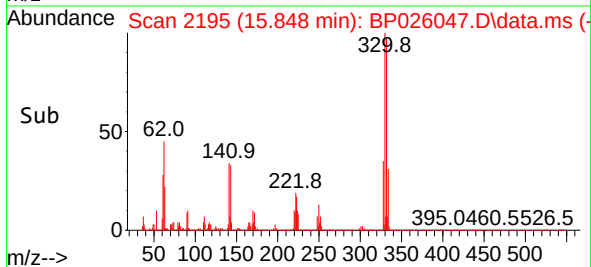
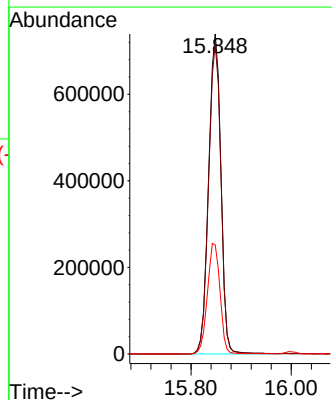
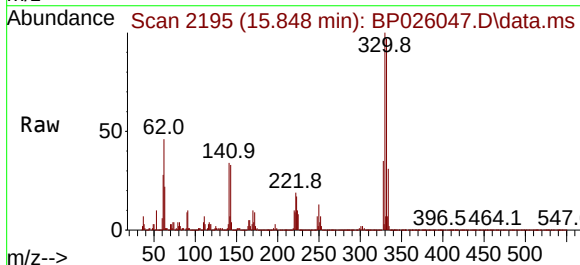
Tgt Ion:330 Resp: 1262164

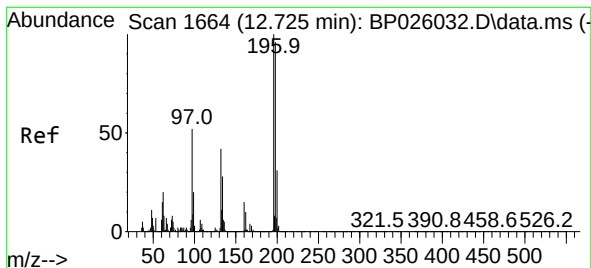
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 35.4 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 53.623 ng

RT: 12.737 min Scan# 1666

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

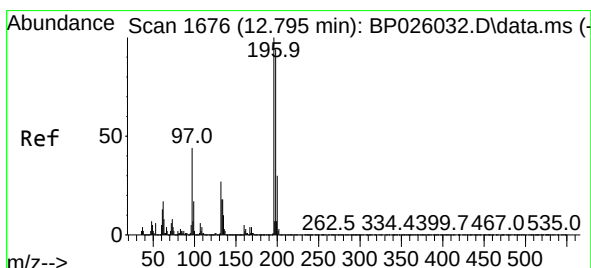
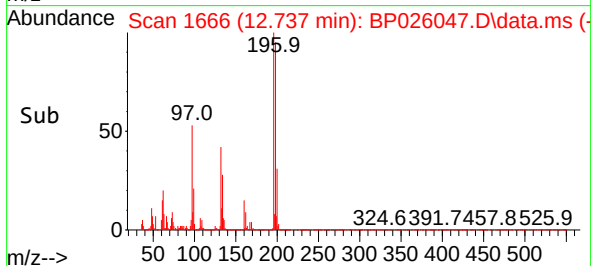
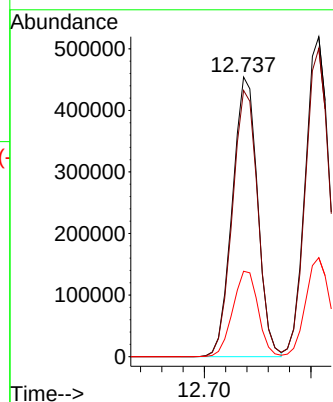
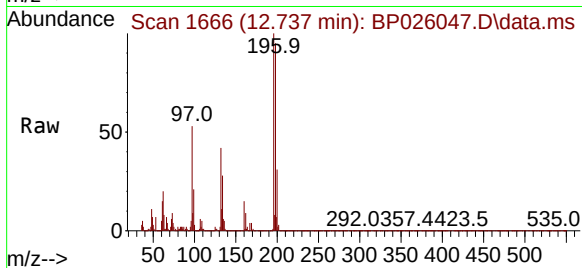
Tgt Ion:196 Resp: 746993

Ion Ratio Lower Upper

196 100

198 95.2 76.5 114.7

200 30.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 52.034 ng

RT: 12.807 min Scan# 1678

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Tgt Ion:196 Resp: 827097

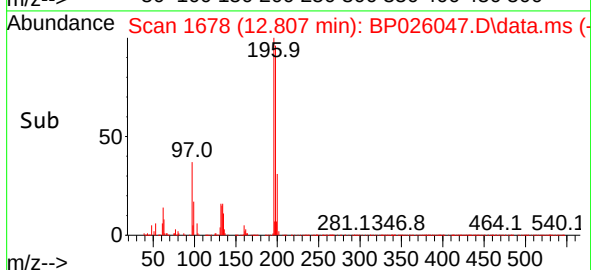
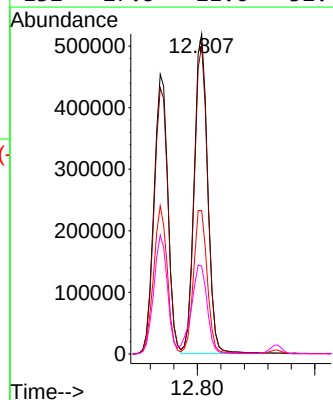
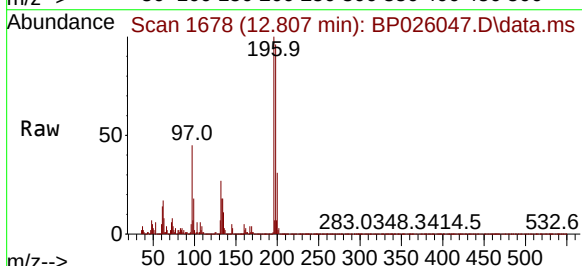
Ion Ratio Lower Upper

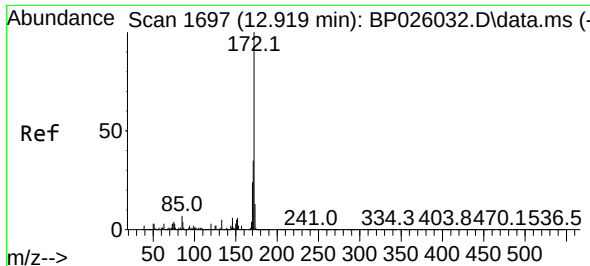
196 100

198 96.4 75.1 112.7

97 44.8 35.5 53.3

132 27.5 21.6 32.4

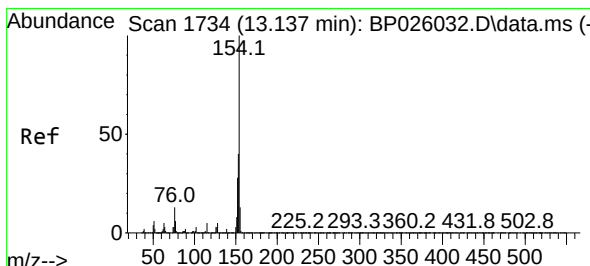
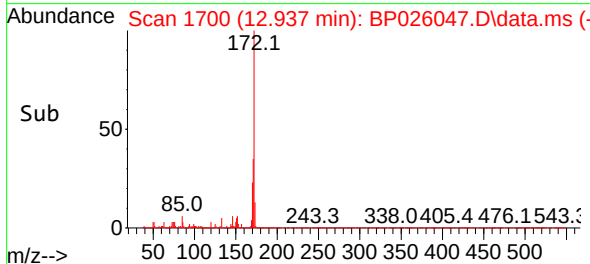
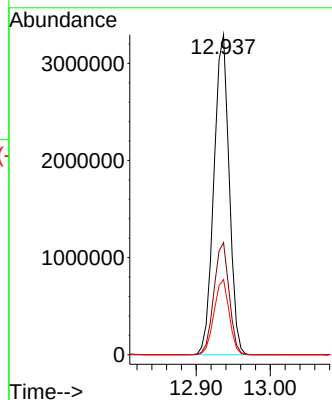
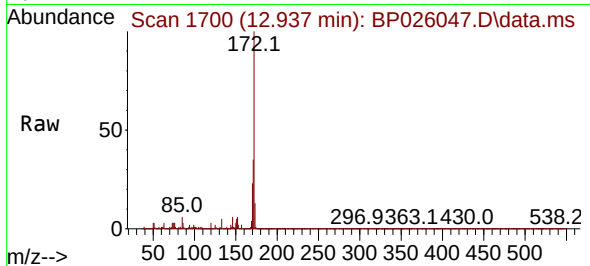




#45
2-Fluorobiphenyl
Concen: 89.179 ng
RT: 12.937 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

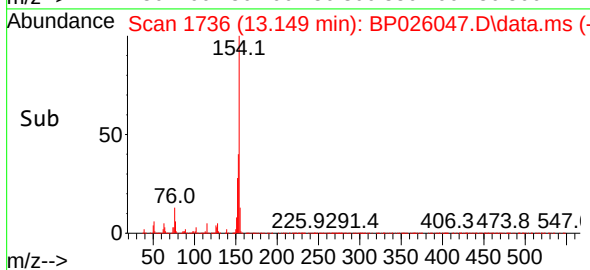
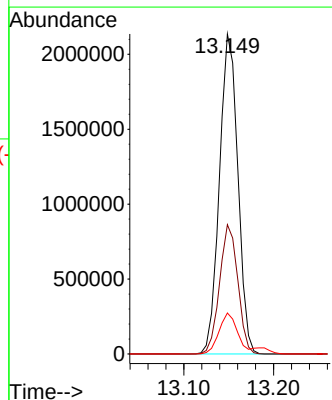
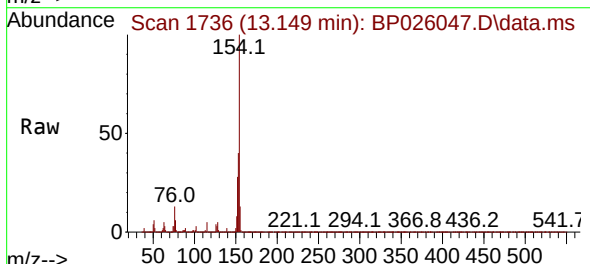
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

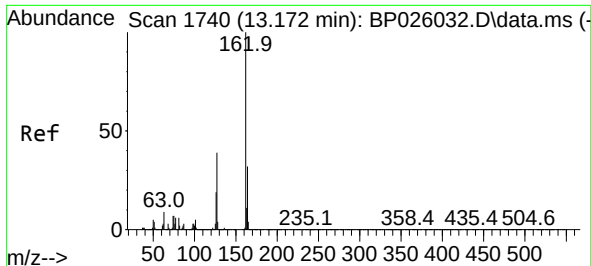
Tgt Ion:172 Resp: 4707463
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.396 ng
RT: 13.149 min Scan# 1736
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:154 Resp: 3043134
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 12.8 0.0 32.8

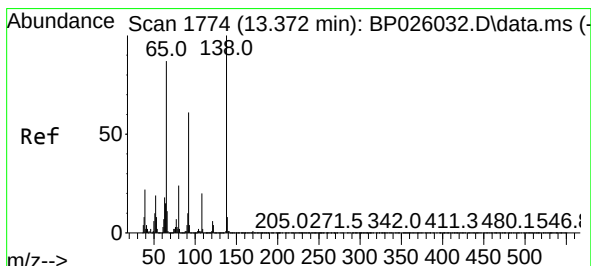
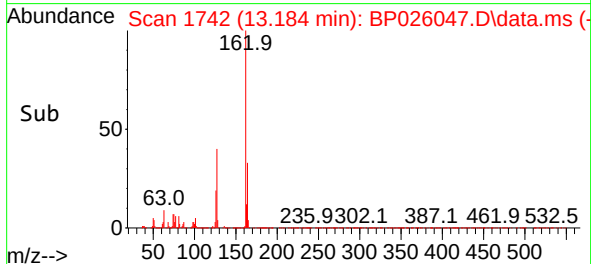
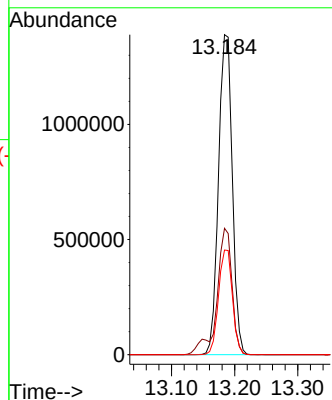
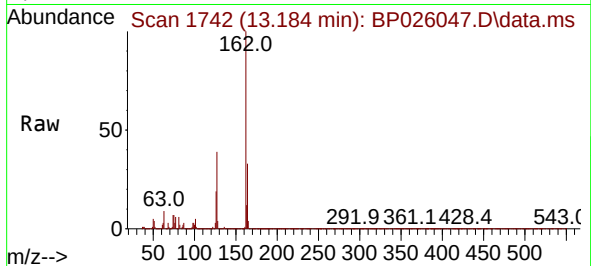




#47
2-Chloronaphthalene
Concen: 46.077 ng
RT: 13.184 min Scan# 1740
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

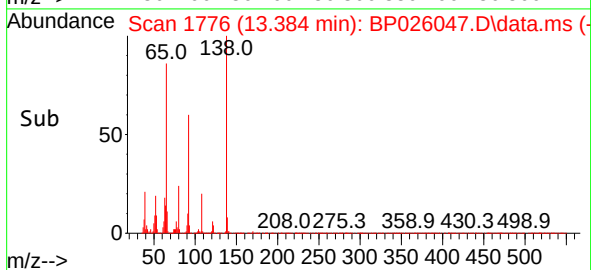
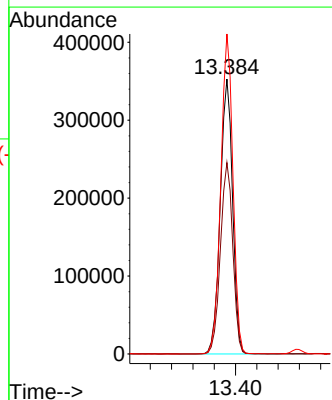
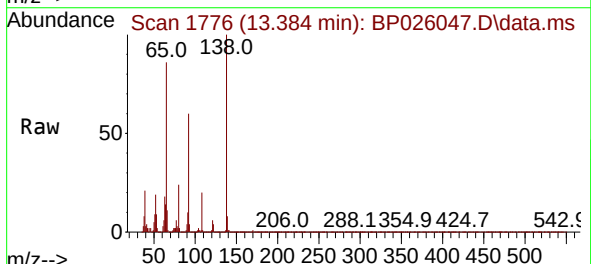
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

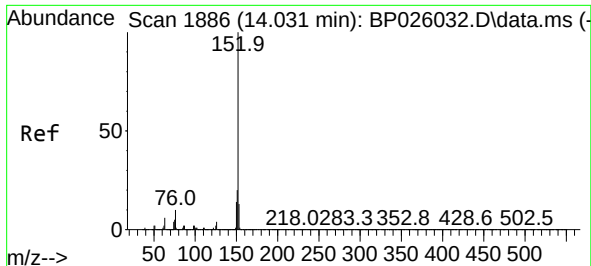
Tgt Ion:162 Resp: 2105527
Ion Ratio Lower Upper
162 100
127 39.5 31.4 47.2
164 32.7 25.9 38.9



#48
2-Nitroaniline
Concen: 48.101 ng
RT: 13.384 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion: 65 Resp: 565736
Ion Ratio Lower Upper
65 100
92 69.6 55.5 83.3
138 116.4 91.7 137.5

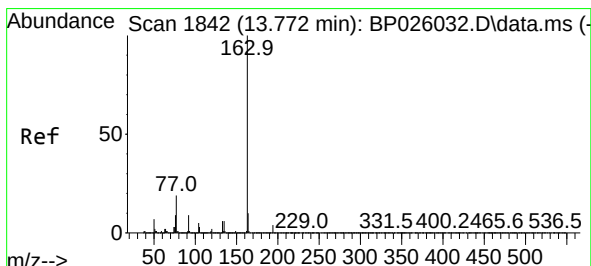
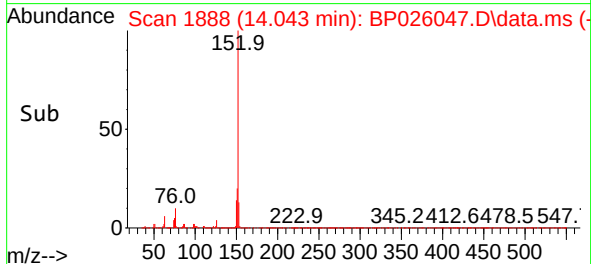
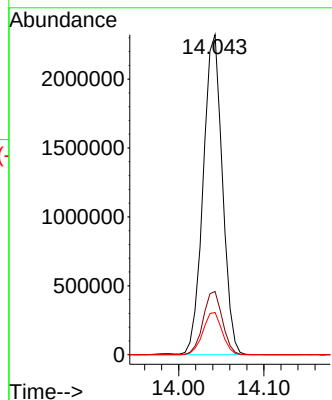
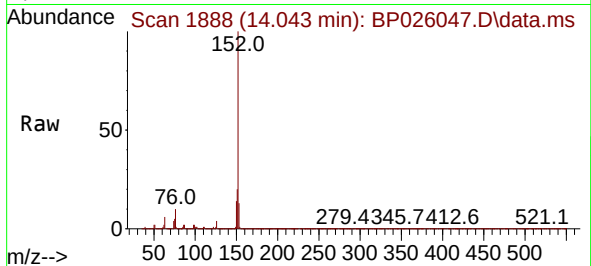




#49
Acenaphthylene
Concen: 54.497 ng
RT: 14.043 min Scan# 1888
Delta R.T. 0.007 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

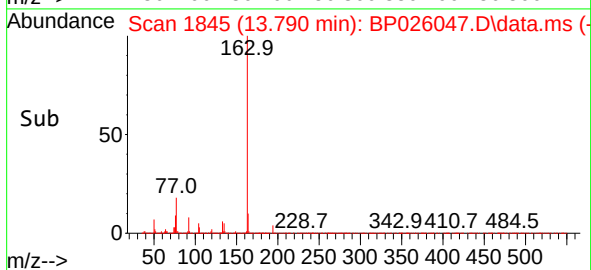
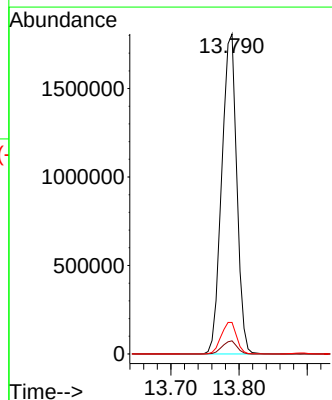
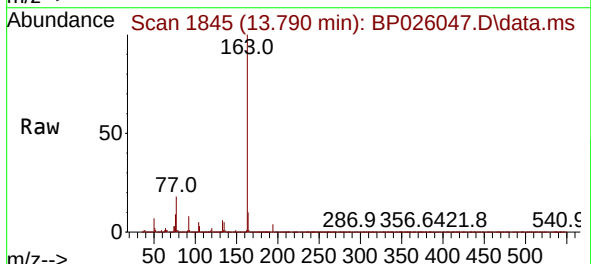
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

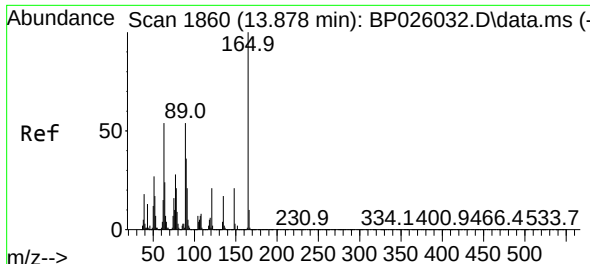
Tgt Ion:152 Resp: 3629602
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 50.328 ng
RT: 13.790 min Scan# 1845
Delta R.T. 0.018 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:163 Resp: 2776720
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.8 8.2 12.2

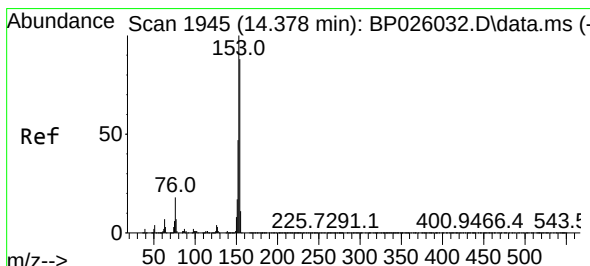
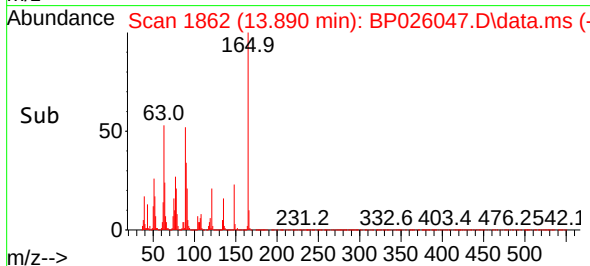
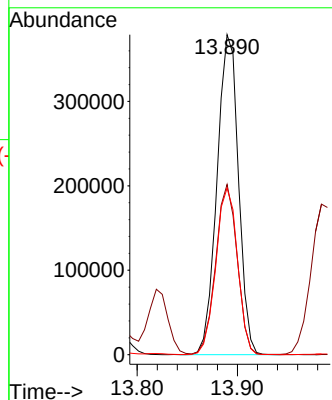
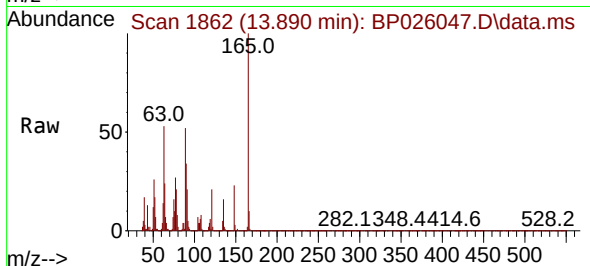




#51
2,6-Dinitrotoluene
Concen: 54.136 ng
RT: 13.890 min Scan# 1860
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

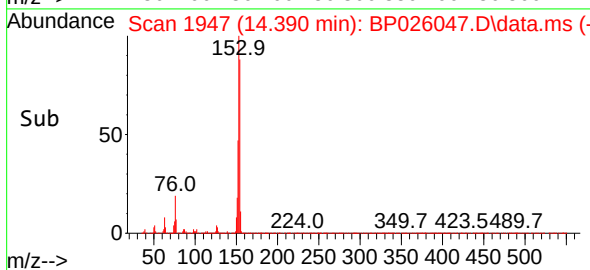
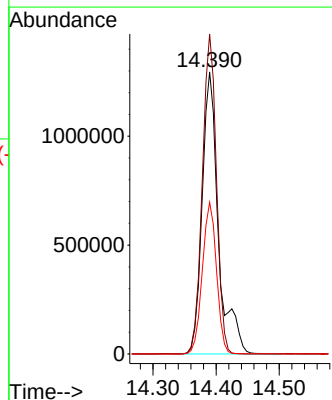
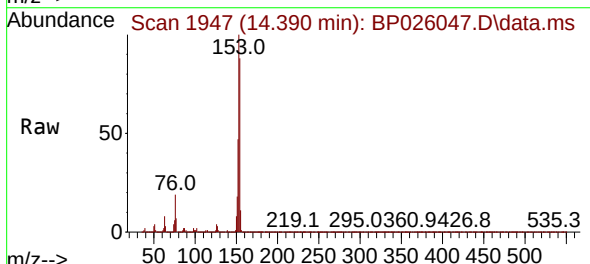
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

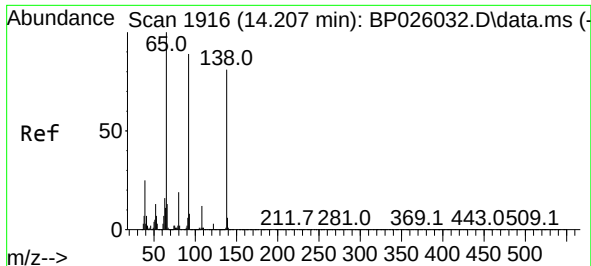
Tgt Ion:165 Resp: 561871
Ion Ratio Lower Upper
165 100
63 53.2 43.0 64.4
89 52.1 43.0 64.4



#52
Acenaphthene
Concen: 50.663 ng
RT: 14.390 min Scan# 1947
Delta R.T. 0.007 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:154 Resp: 2316473
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 53.8 42.7 64.1

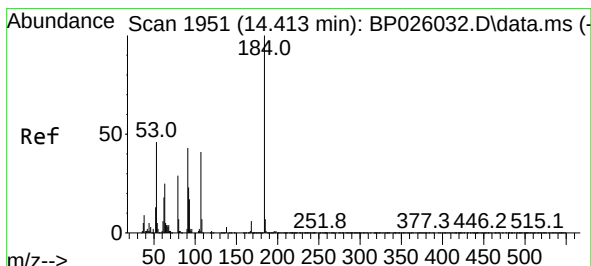
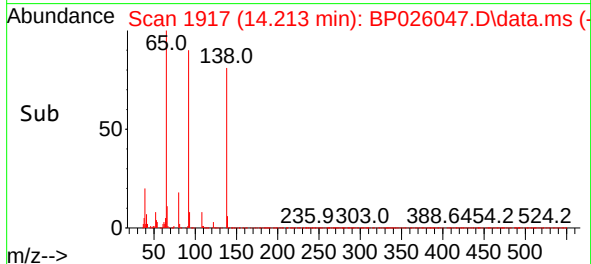
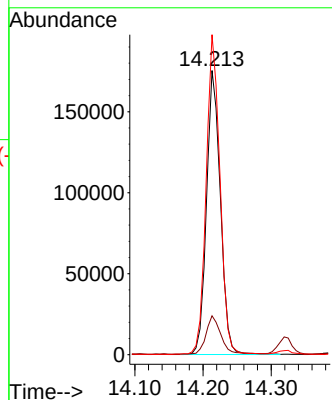
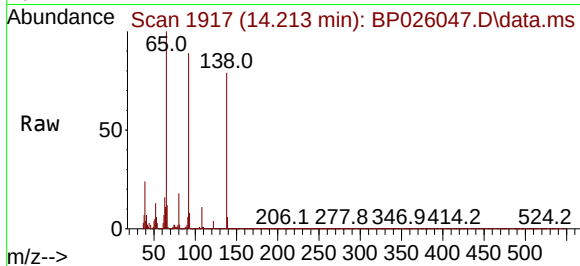




#53
3-Nitroaniline
Concen: 21.530 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

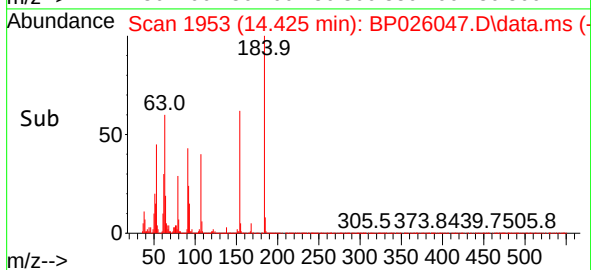
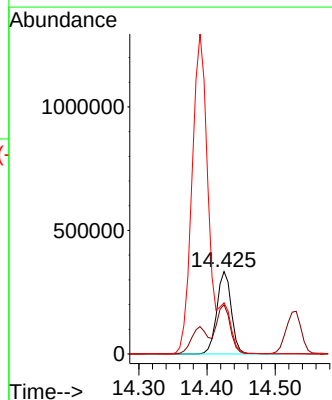
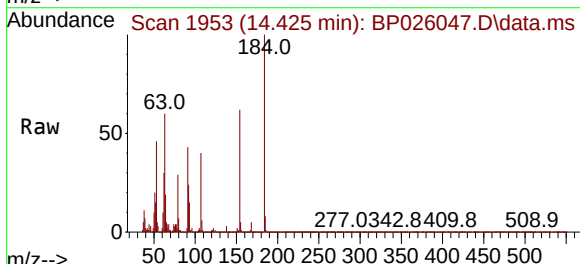
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

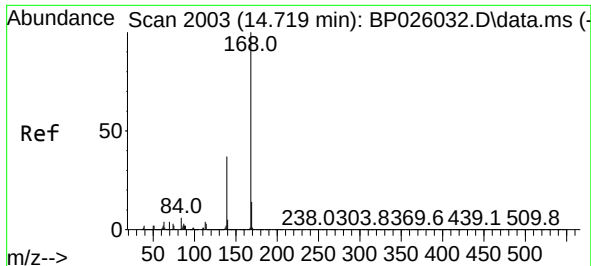
Tgt Ion:138 Resp: 248484
Ion Ratio Lower Upper
138 100
108 13.7 11.4 17.0
92 112.6 87.1 130.7



#54
2,4-Dinitrophenol
Concen: 94.001 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:184 Resp: 491215
Ion Ratio Lower Upper
184 100
63 59.9 49.0 73.4
154 62.1 51.0 76.6

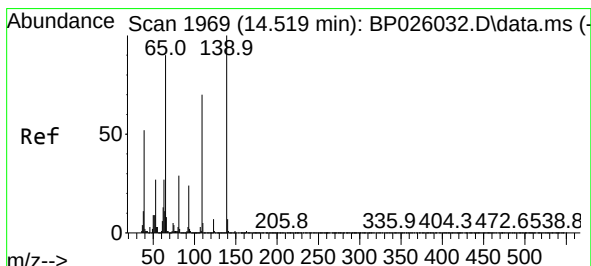
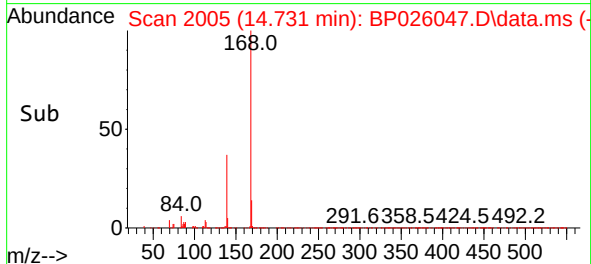
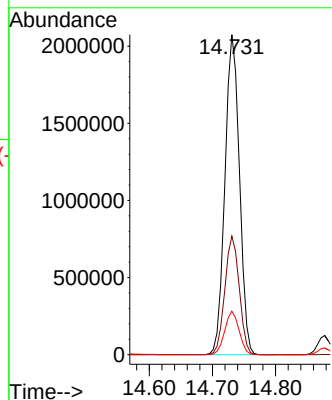
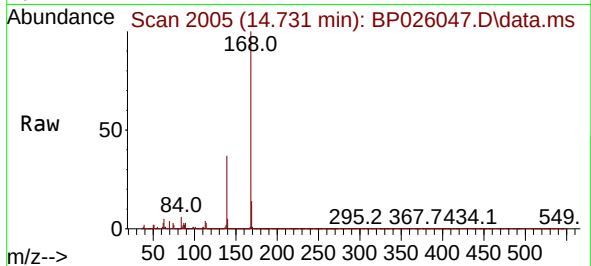




#55
Dibenzofuran
Concen: 47.782 ng
RT: 14.731 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

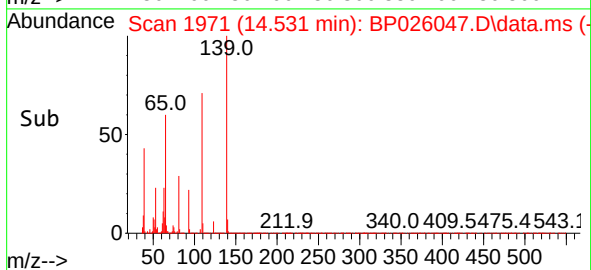
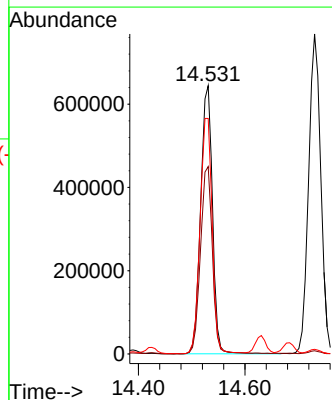
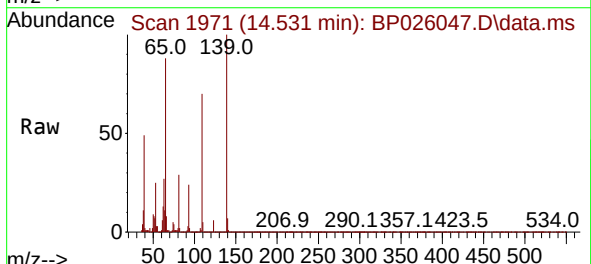
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

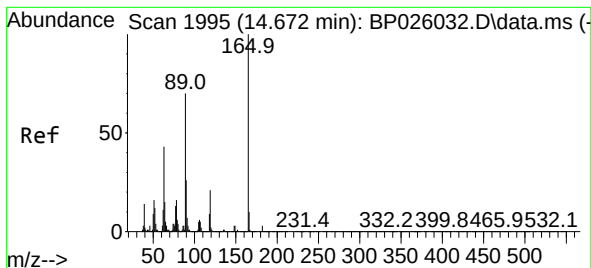
Tgt Ion:168 Resp: 3300832
Ion Ratio Lower Upper
168 100
139 37.0 29.7 44.5
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 90.047 ng
RT: 14.531 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:139 Resp: 990661
Ion Ratio Lower Upper
139 100
109 69.8 50.0 90.0
65 87.8 69.6 109.6

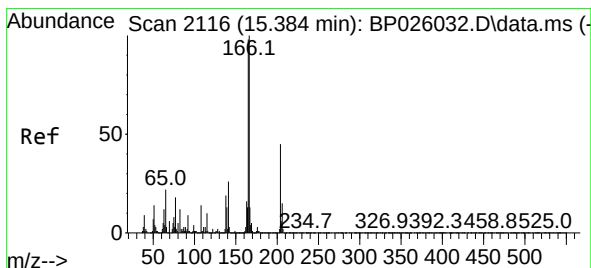
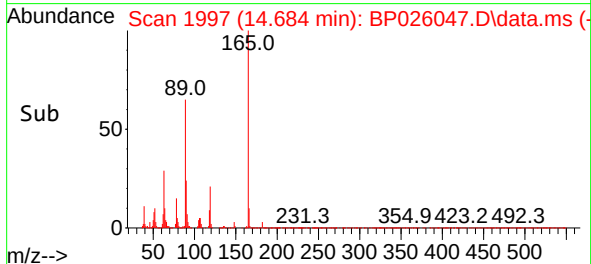
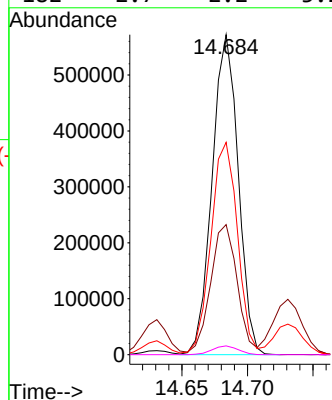
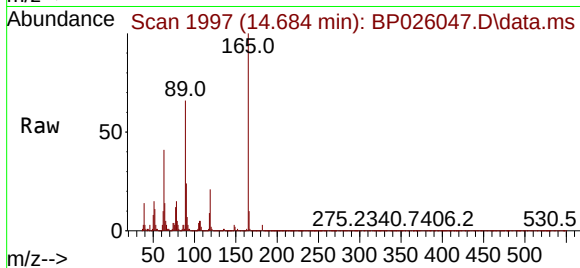




#57
2,4-Dinitrotoluene
Concen: 51.994 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

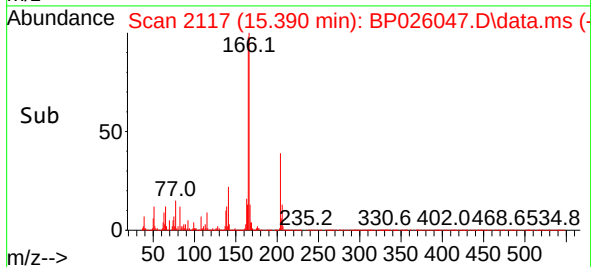
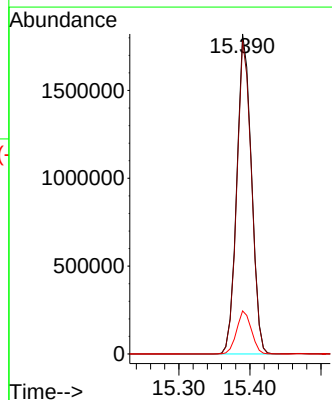
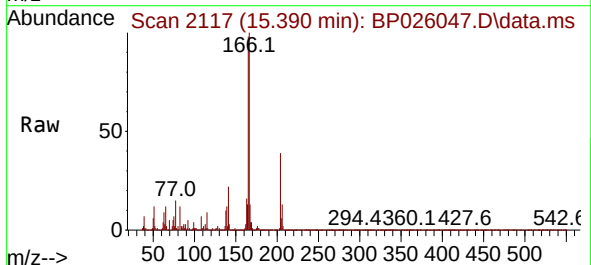
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

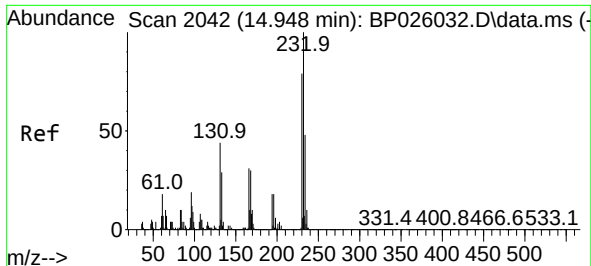
Tgt Ion:165 Resp: 790997
Ion Ratio Lower Upper
165 100
63 40.7 34.2 51.2
89 66.3 56.0 84.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 48.327 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:166 Resp: 2615498
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.4 10.6 16.0

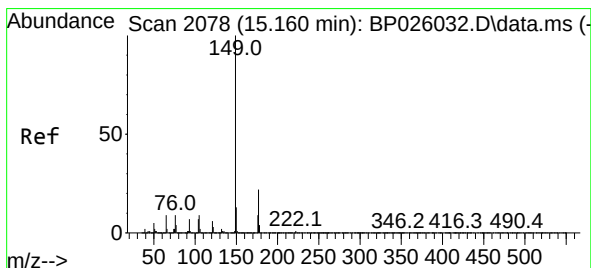
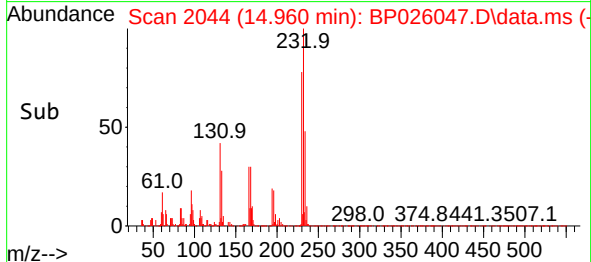
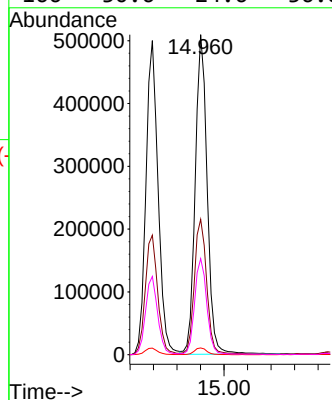
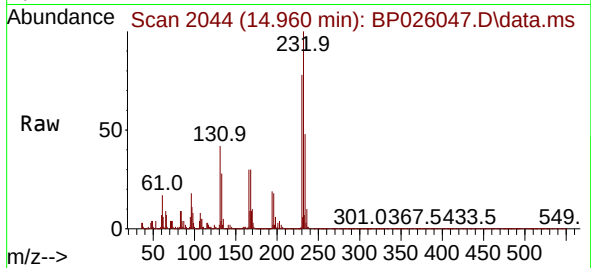




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.386 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

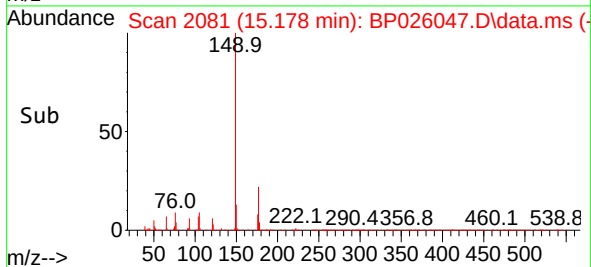
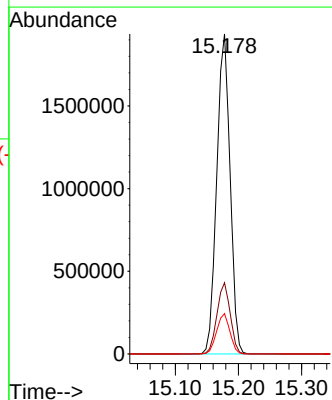
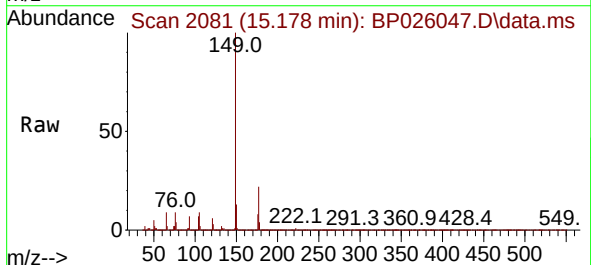
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

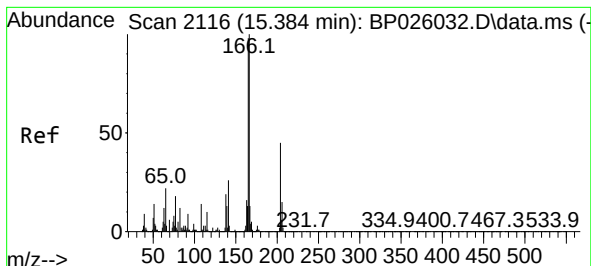
Tgt Ion:	232	Resp:	717206
Ion Ratio	Lower	Upper	
232	100		
131	44.1	35.2	52.8
130	2.2	1.7	2.5
166	30.6	24.6	36.8



#60
Diethylphthalate
Concen: 51.045 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:	149	Resp:	2831272
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.9	26.9
150	12.6	10.1	15.1

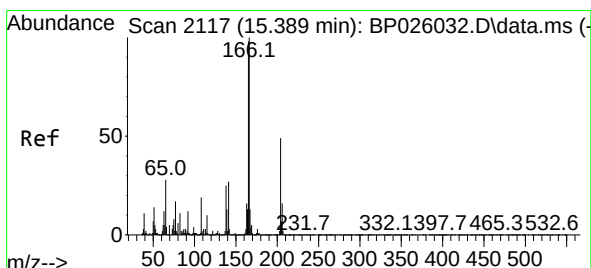
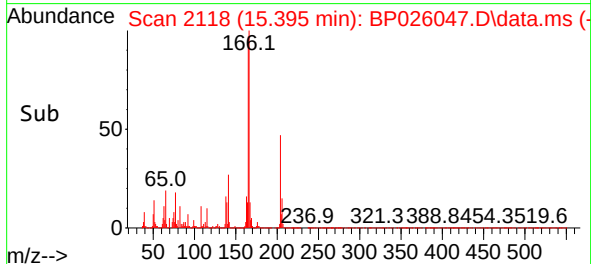
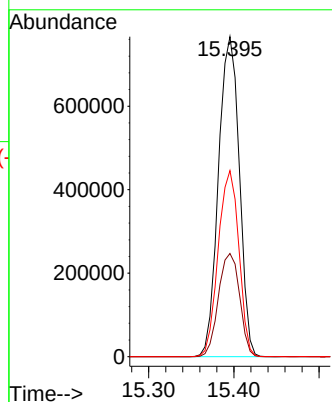
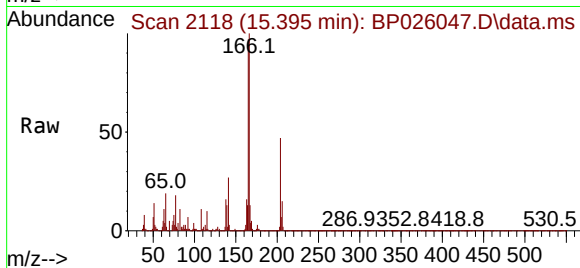




#61
4-Chlorophenyl-phenylether
Concen: 48.248 ng
RT: 15.395 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

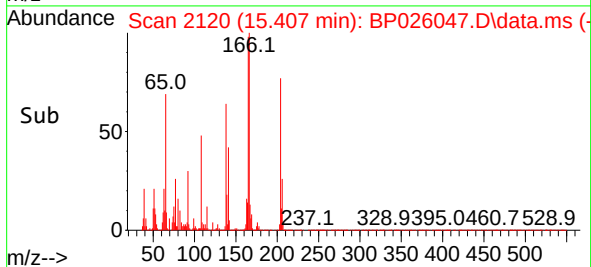
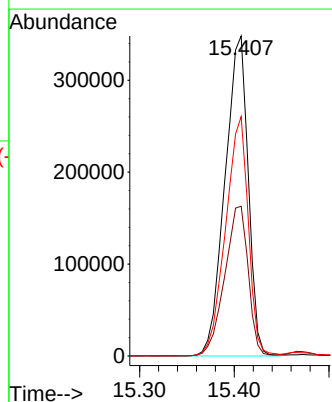
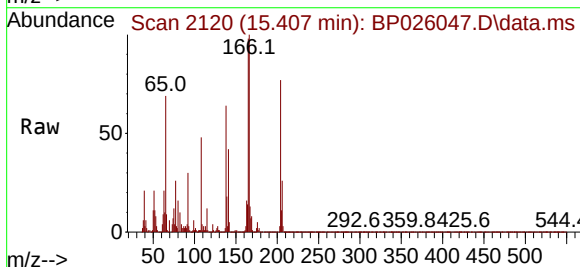
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

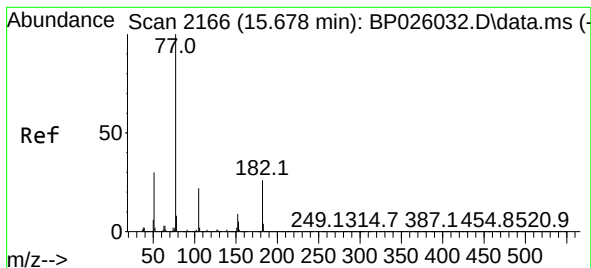
Tgt Ion:204 Resp: 1304011
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 58.1 47.0 70.4



#62
4-Nitroaniline
Concen: 50.130 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:138 Resp: 591011
Ion Ratio Lower Upper
138 100
92 46.8 28.2 68.2
108 74.8 56.0 96.0





#63

Azobenzene

Concen: 49.359 ng

RT: 15.690 min Scan# 2168

Delta R.T. 0.001 min

Lab File: BP026047.D

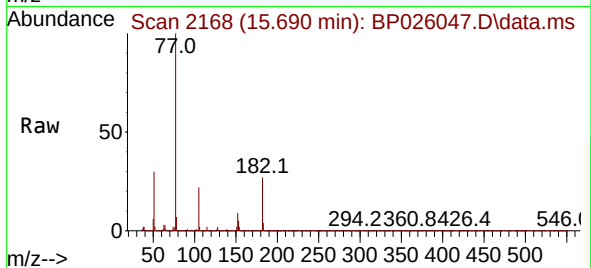
Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD



Tgt Ion: 77 Resp: 2481219

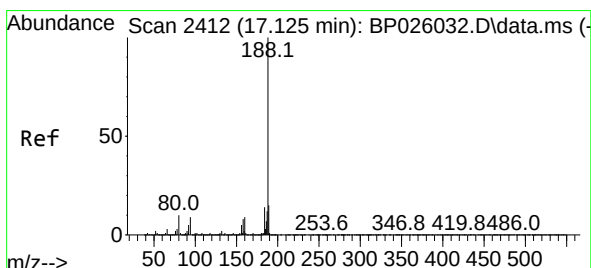
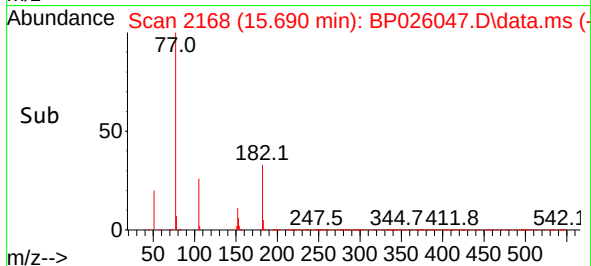
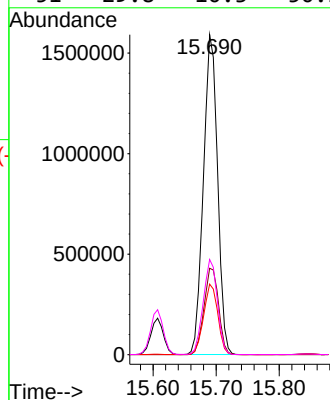
Ion Ratio Lower Upper

77 100

182 27.0 6.4 46.4

105 22.0 2.2 42.2

51 29.8 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.137 min Scan# 2414

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

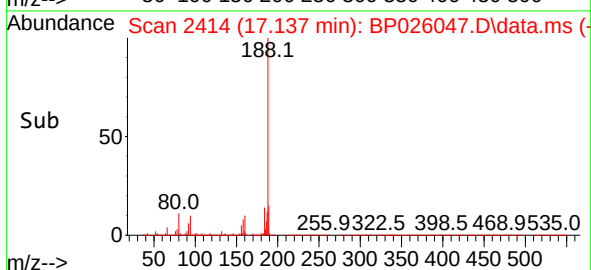
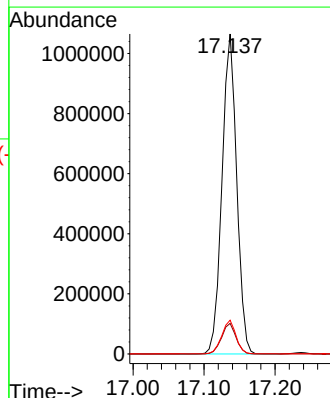
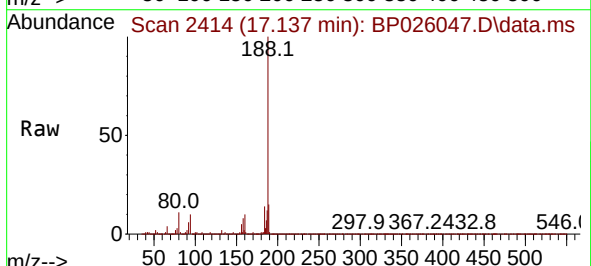
Tgt Ion:188 Resp: 1521653

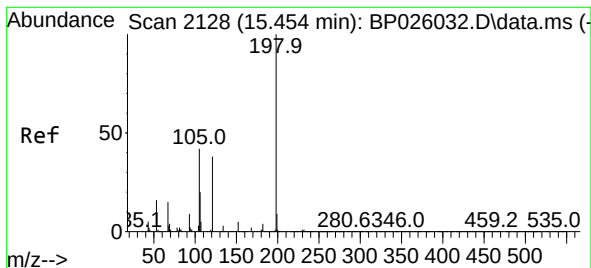
Ion Ratio Lower Upper

188 100

94 9.6 7.1 10.7

80 10.6 7.9 11.9

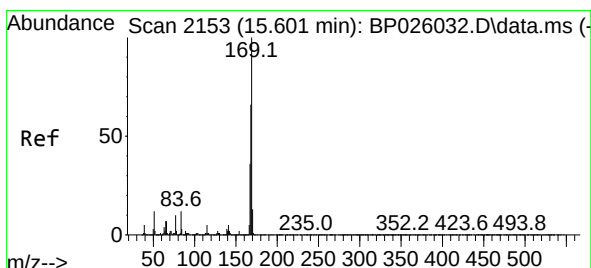
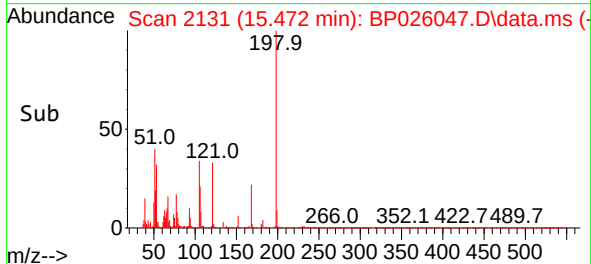
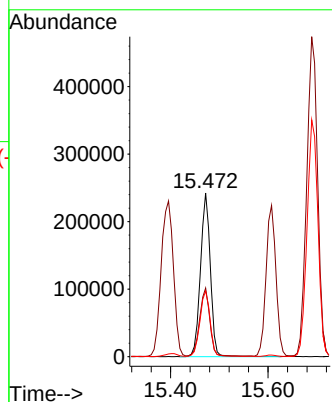
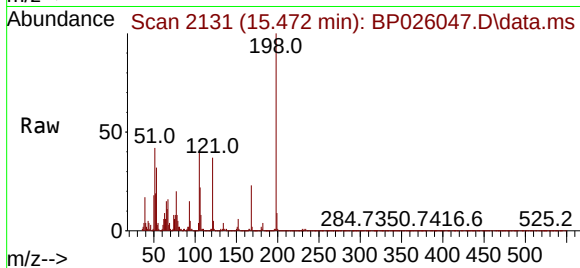




#65
4,6-Dinitro-2-methylphenol
Concen: 53.475 ng
RT: 15.472 min Scan# 2113
Delta R.T. 0.018 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

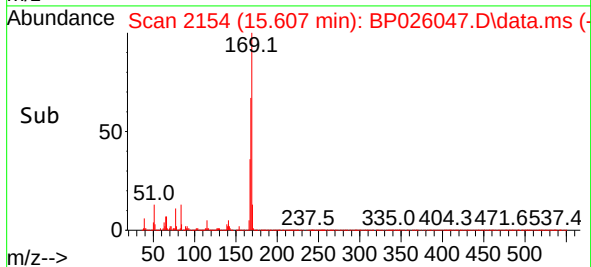
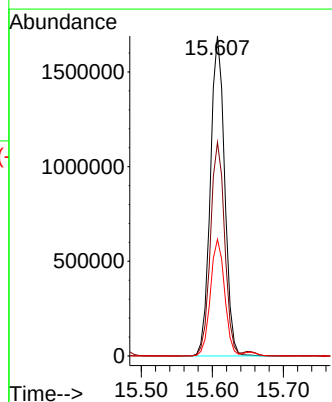
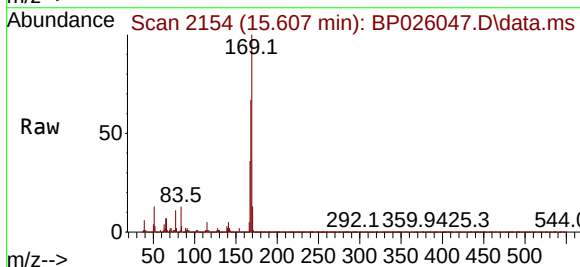
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

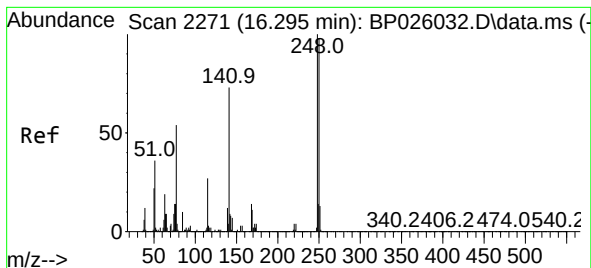
Tgt Ion:198 Resp: 341055
Ion Ratio Lower Upper
198 100
51 42.0 25.2 65.2
105 40.2 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 49.581 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:169 Resp: 2358873
Ion Ratio Lower Upper
169 100
168 66.8 52.9 79.3
167 36.5 28.9 43.3

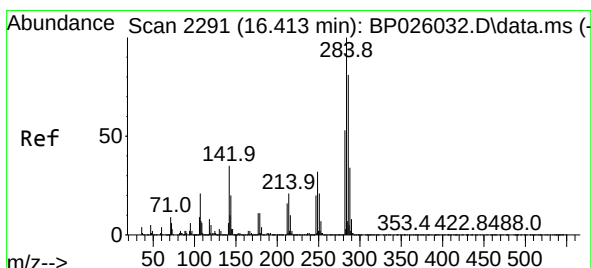
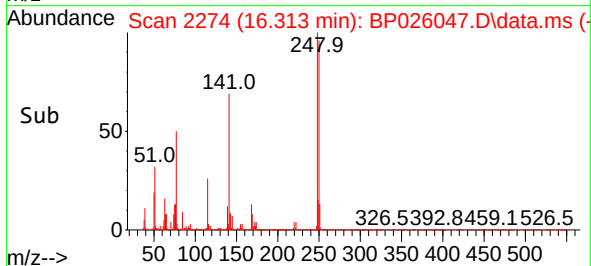
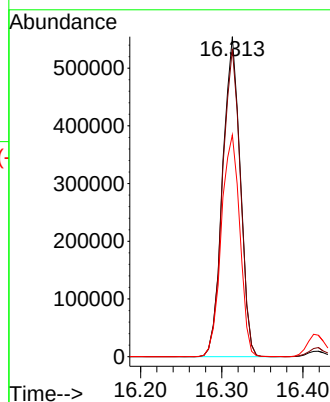
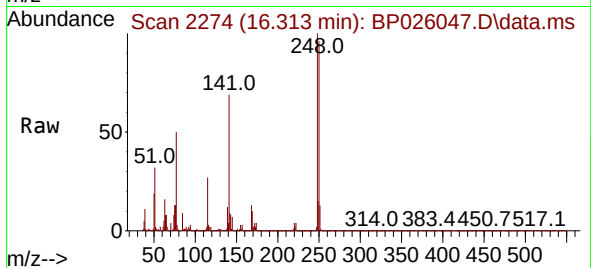




#67
4-Bromophenyl-phenylether
Concen: 49.687 ng
RT: 16.313 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

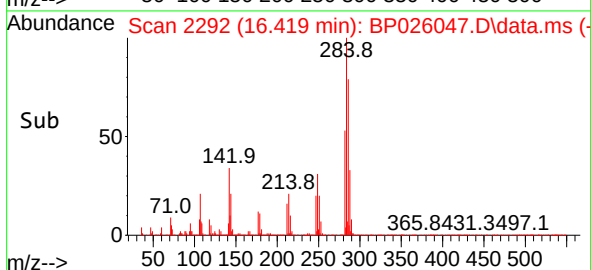
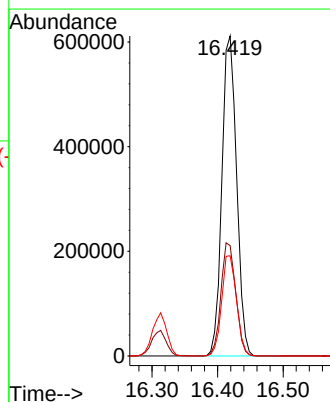
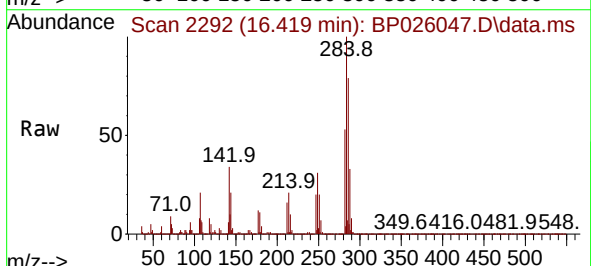
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

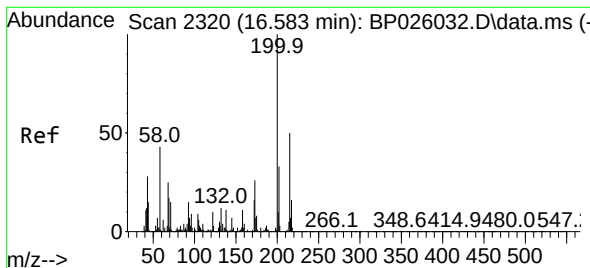
Tgt Ion:248 Resp: 838670
Ion Ratio Lower Upper
248 100
250 96.2 78.4 117.6
141 69.3 58.3 87.5



#68
Hexachlorobenzene
Concen: 49.312 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:284 Resp: 947518
Ion Ratio Lower Upper
284 100
142 34.5 27.7 41.5
249 31.3 25.5 38.3





#69

Atrazine

Concen: 55.225 ng

RT: 16.595 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

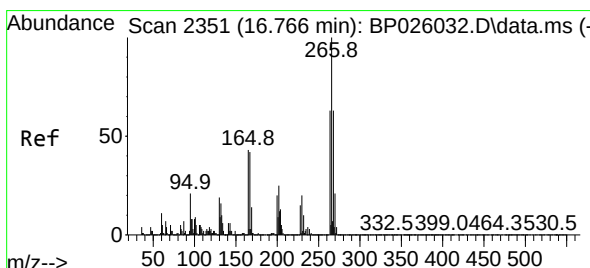
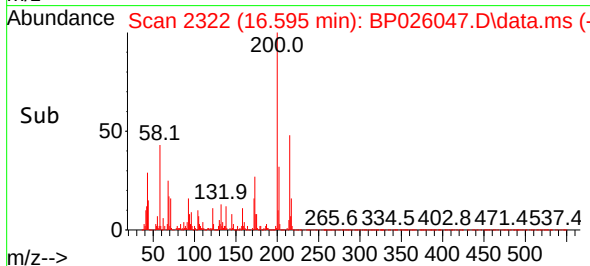
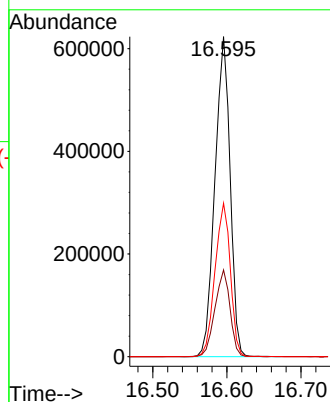
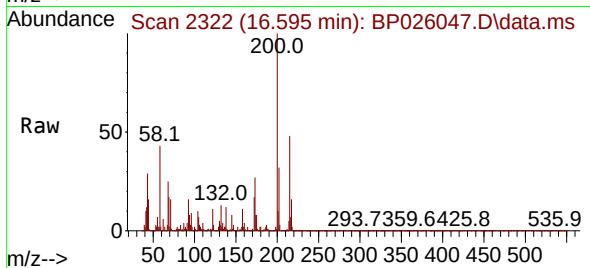
Tgt Ion:200 Resp: 886329

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

215 47.9 29.8 69.8



#70

Pentachlorophenol

Concen: 105.682 ng

RT: 16.772 min Scan# 2352

Delta R.T. 0.006 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

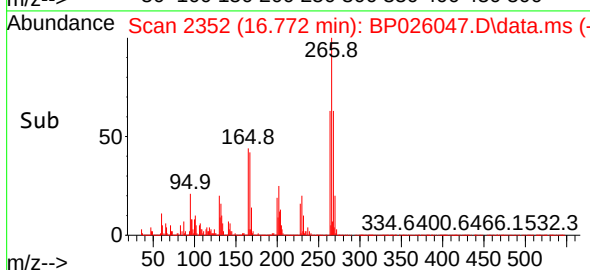
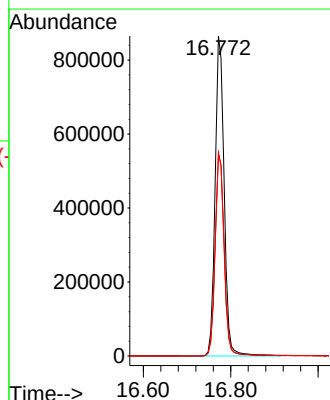
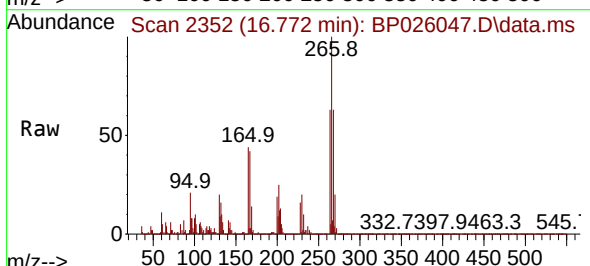
Tgt Ion:266 Resp: 1240366

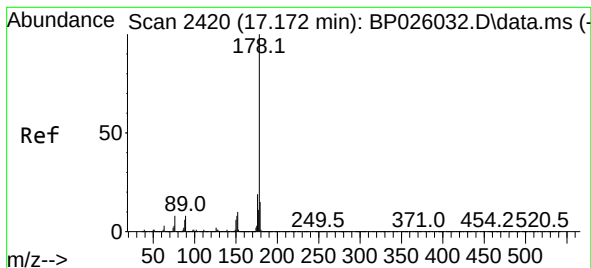
Ion Ratio Lower Upper

266 100

268 63.4 50.6 76.0

264 63.3 50.2 75.4





#71

Phenanthrene

Concen: 47.743 ng

RT: 17.178 min Scan# 2420

Delta R.T. 0.006 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

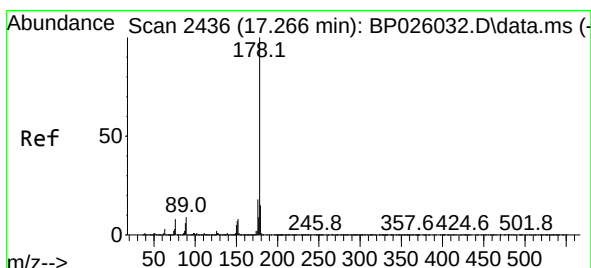
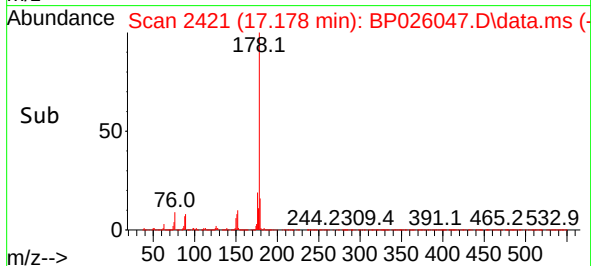
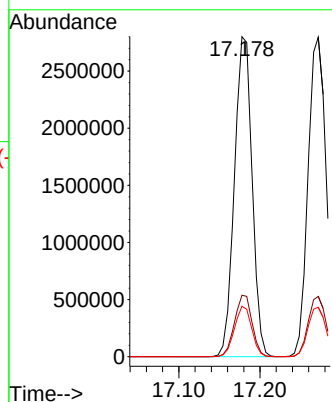
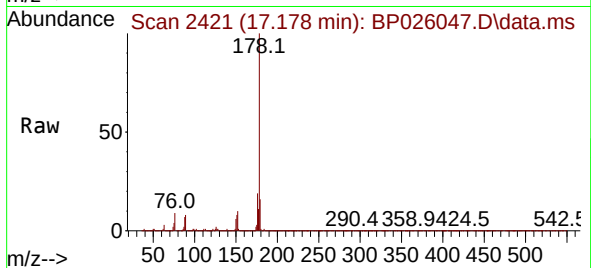
Tgt Ion:178 Resp: 4228488

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.8 12.3 18.5



#72

Anthracene

Concen: 49.315 ng

RT: 17.272 min Scan# 2437

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

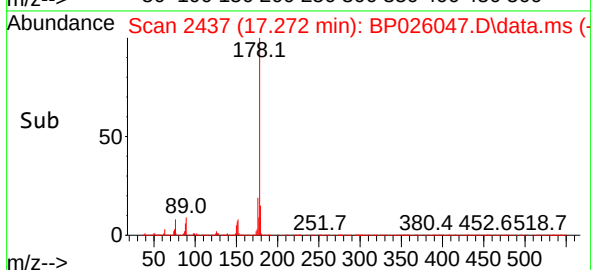
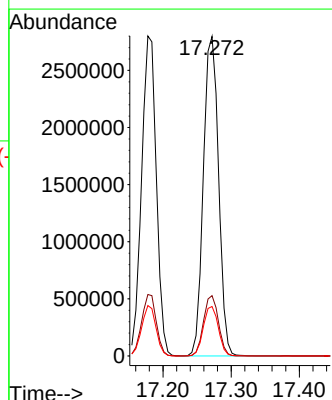
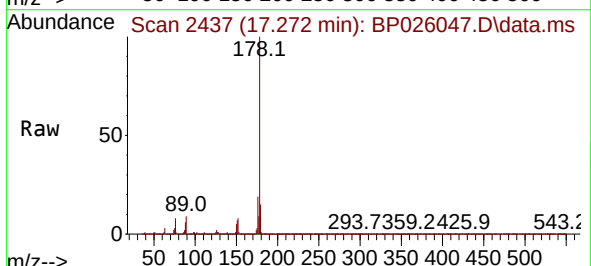
Tgt Ion:178 Resp: 4329523

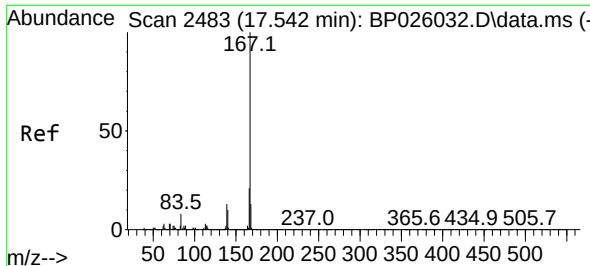
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.5 12.2 18.4

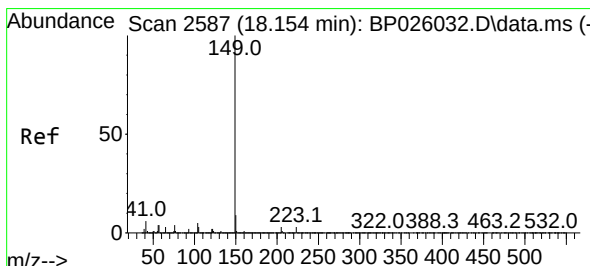
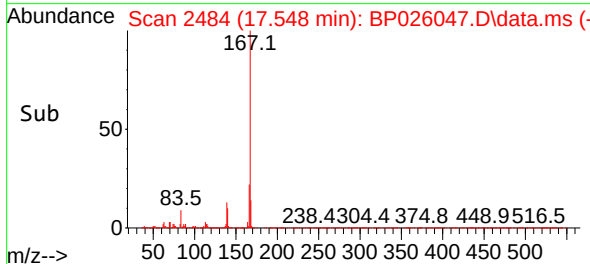
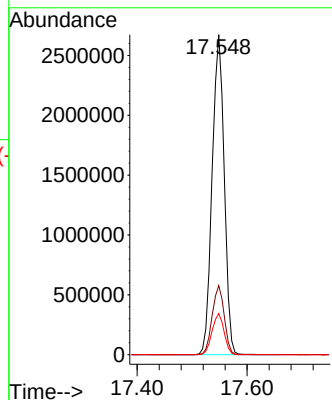
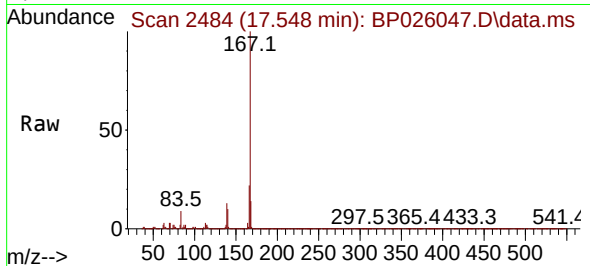




#73
 Carbazole
 Concen: 49.114 ng
 RT: 17.548 min Scan# 2483
 Delta R.T. 0.012 min
 Lab File: BP026047.D
 Acq: 30 Oct 2025 18:27

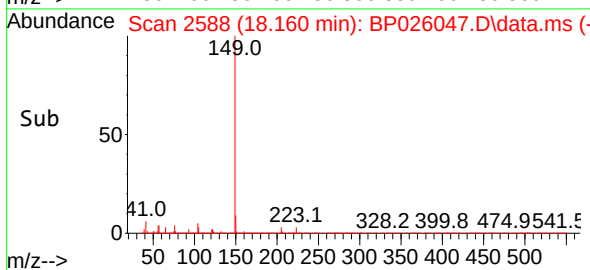
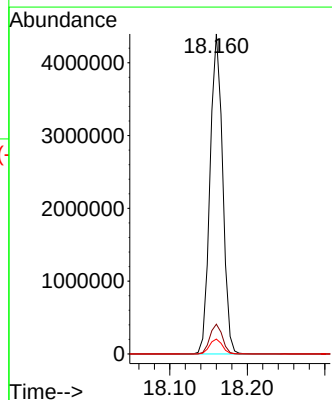
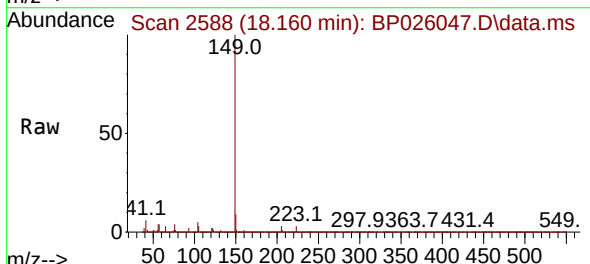
Instrument :
 BNA_P
 ClientSampleId :
 P001-TW2-251023-01MSD

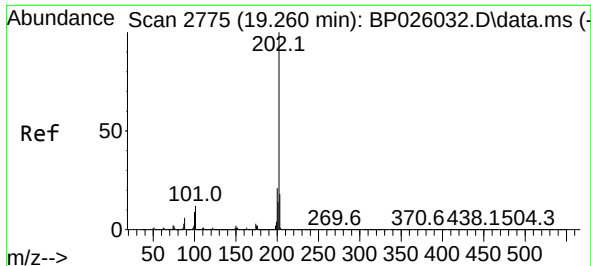
Tgt Ion:167 Resp: 4081691
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 53.270 ng
 RT: 18.160 min Scan# 2588
 Delta R.T. 0.006 min
 Lab File: BP026047.D
 Acq: 30 Oct 2025 18:27

Tgt Ion:149 Resp: 4953648
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.7 3.8 5.6

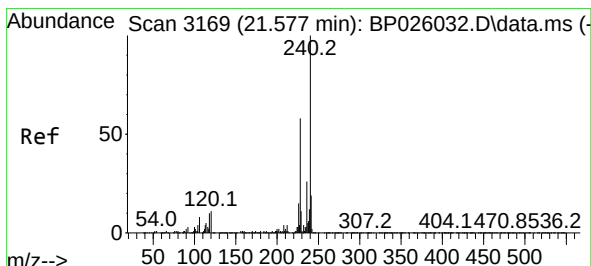
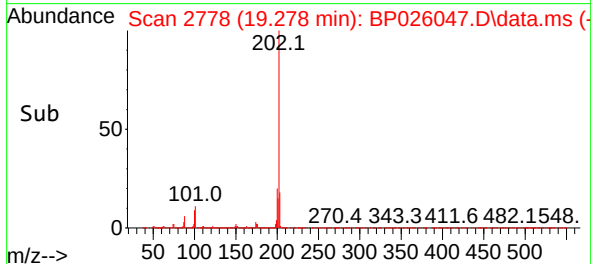
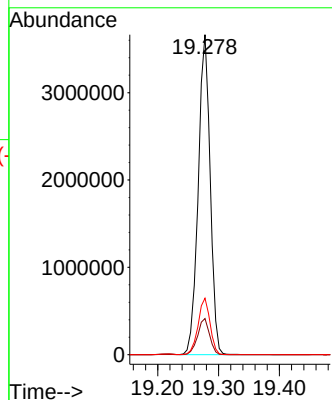
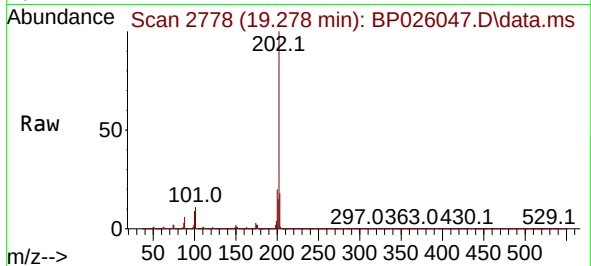




#75
Fluoranthene
Concen: 48.133 ng
RT: 19.278 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

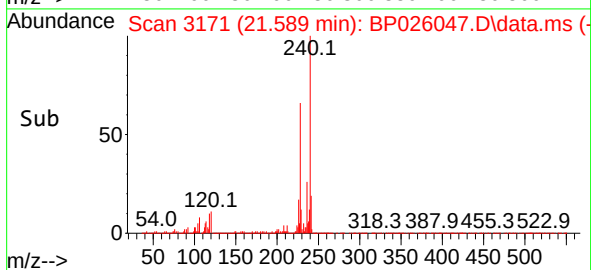
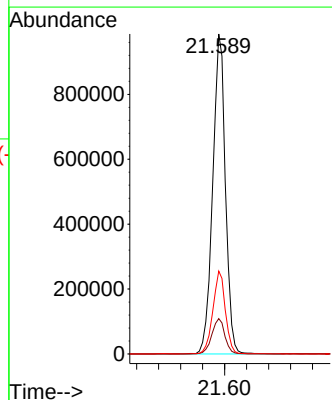
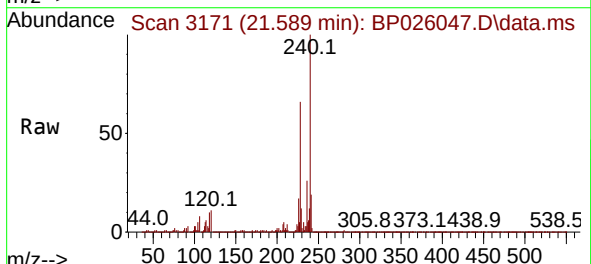
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

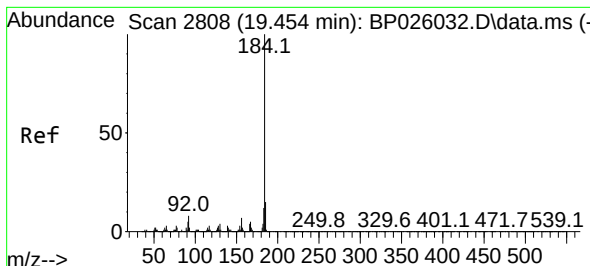
Tgt Ion:202 Resp: 4972924
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.1
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:240 Resp: 1580449
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.9 20.6 31.0





#77

Benzidine

Concen: 14.147 ng

RT: 19.466 min Scan# 2810

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

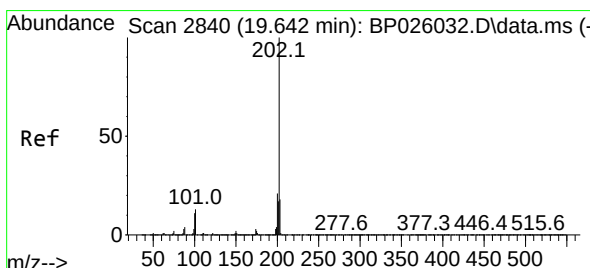
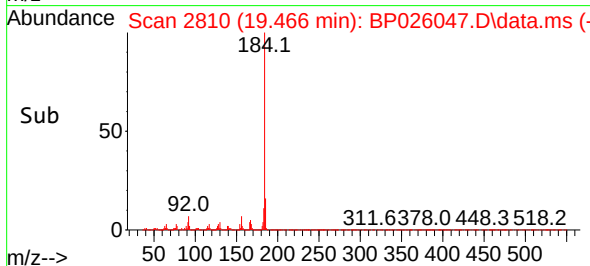
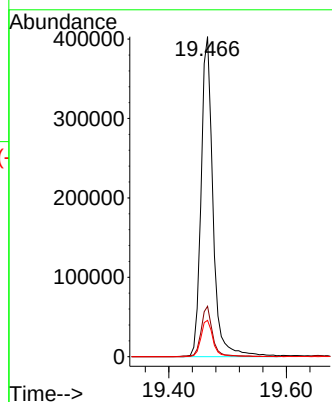
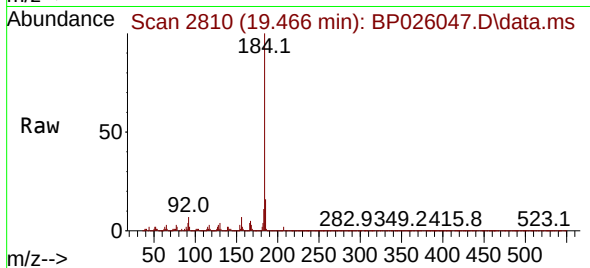
Tgt Ion:184 Resp: 567511

Ion Ratio Lower Upper

184 100

185 15.8 11.9 17.9

183 11.3 9.2 13.8



#78

Pyrene

Concen: 48.970 ng

RT: 19.654 min Scan# 2842

Delta R.T. 0.018 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

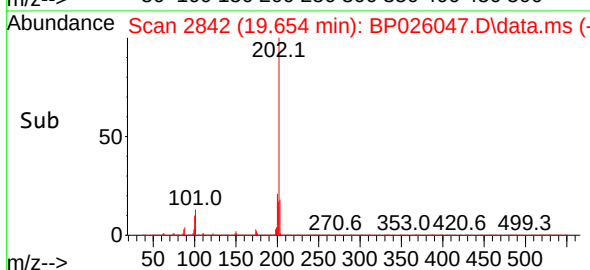
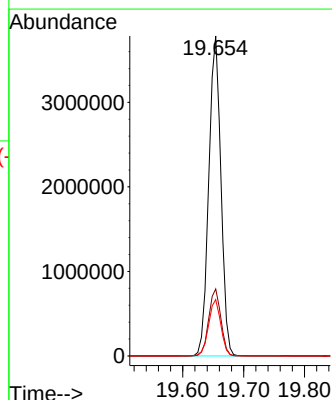
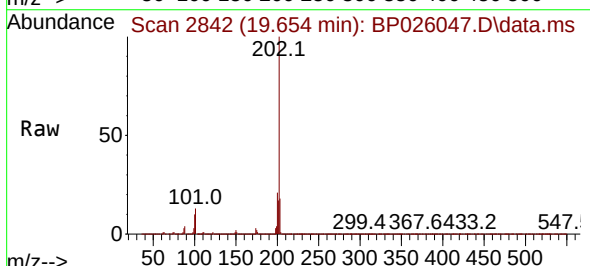
Tgt Ion:202 Resp: 5234491

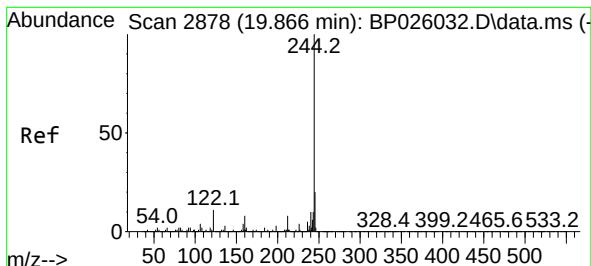
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 100.694 ng

RT: 19.878 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

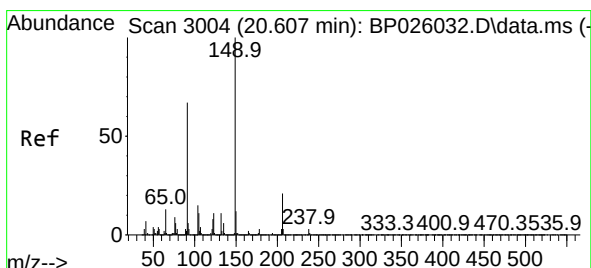
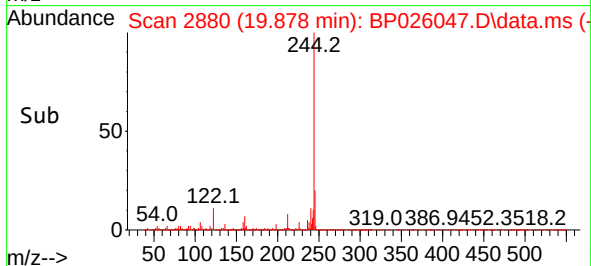
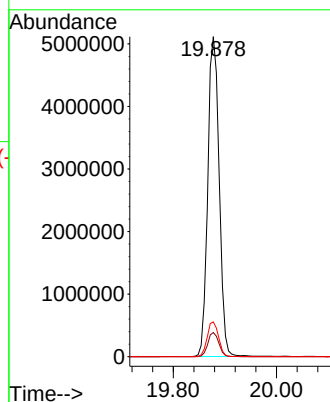
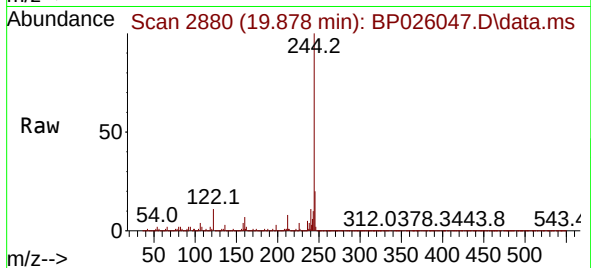
Tgt Ion:244 Resp: 7833011

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 10.8 9.0 13.6



#80

Butylbenzylphthalate

Concen: 53.922 ng

RT: 20.619 min Scan# 3006

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

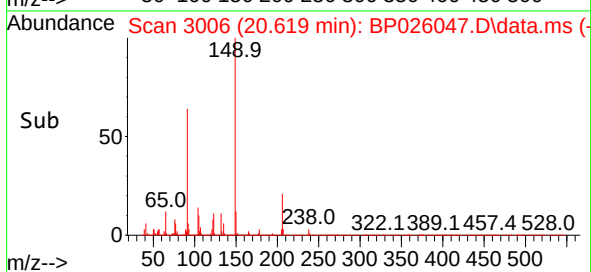
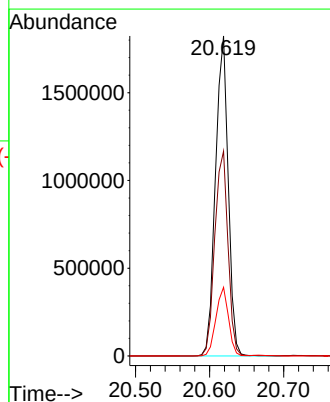
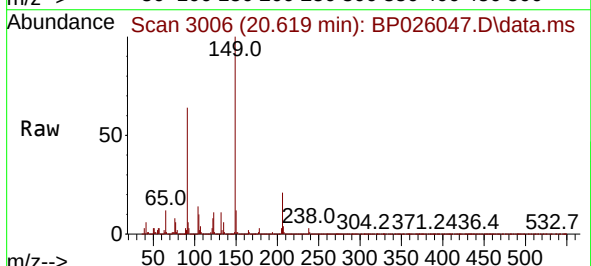
Tgt Ion:149 Resp: 2169975

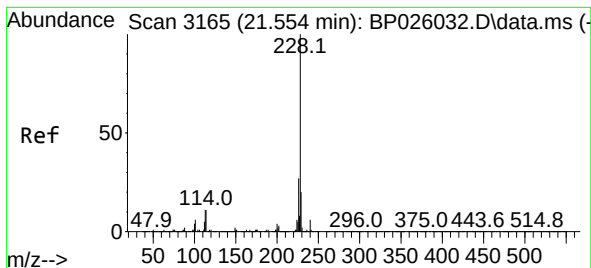
Ion Ratio Lower Upper

149 100

91 64.0 53.5 80.3

206 21.5 16.6 25.0





#81

Benzo(a)anthracene

Concen: 48.805 ng

RT: 21.572 min Scan# 3168

Delta R.T. 0.024 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

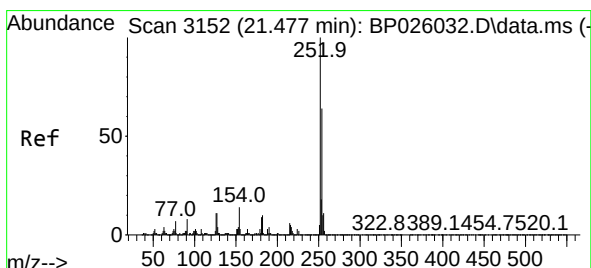
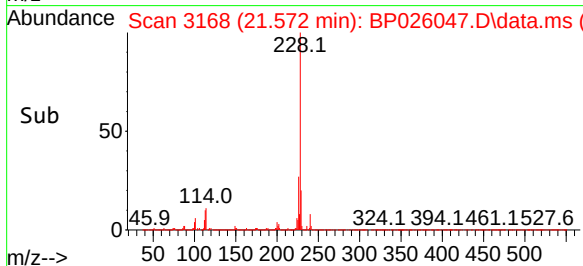
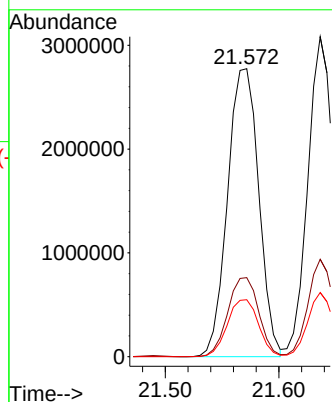
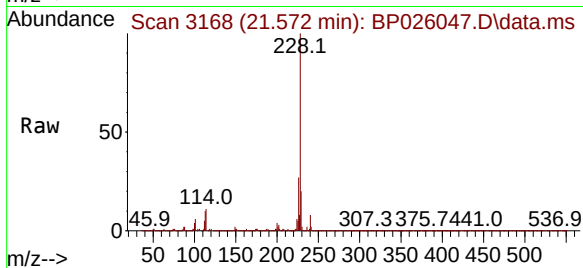
Tgt Ion:228 Resp: 5300389

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 22.562 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.012 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

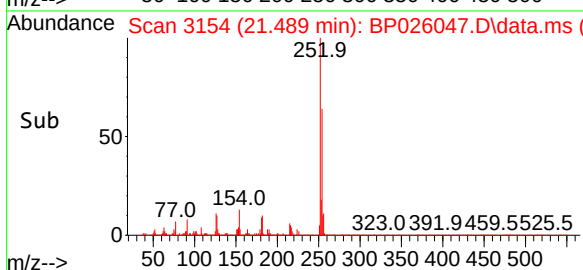
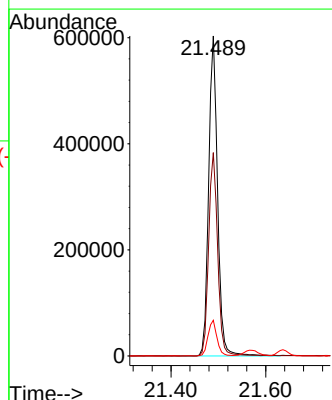
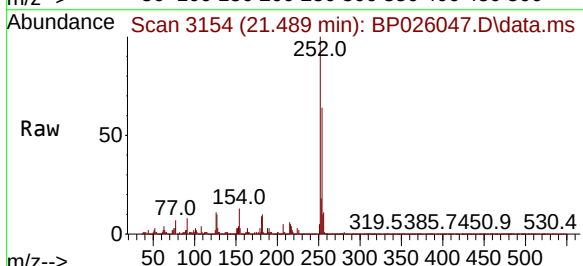
Tgt Ion:252 Resp: 789502

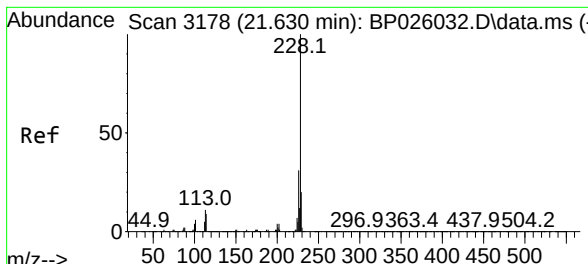
Ion Ratio Lower Upper

252 100

254 63.6 51.3 76.9

126 11.1 9.1 13.7





#83

Chrysene

Concen: 48.402 ng

RT: 21.636 min Scan# 3179

Delta R.T. 0.018 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

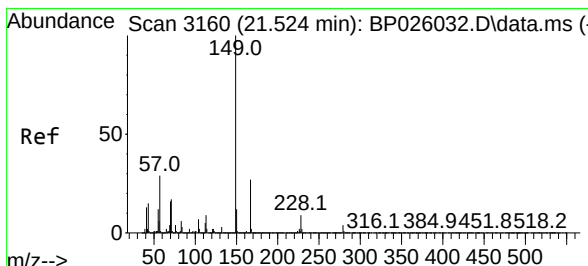
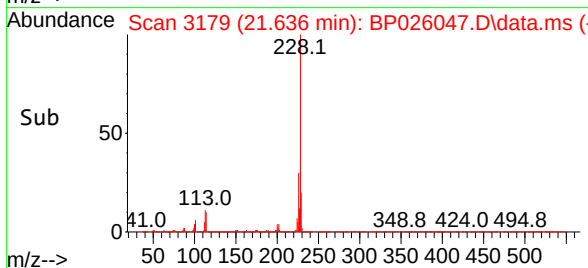
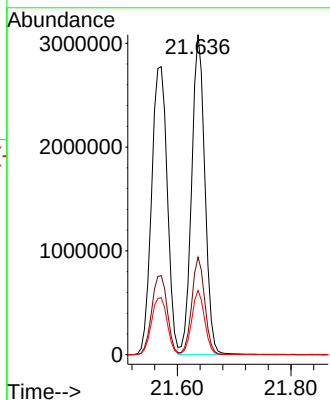
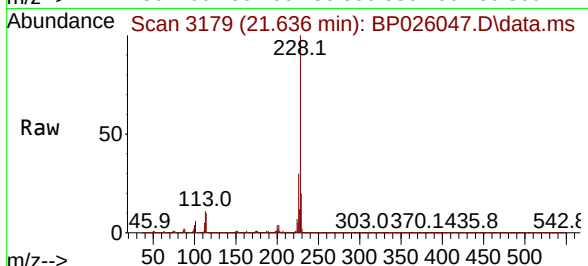
BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

Tgt Ion:228 Resp: 4979511

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	16.0	24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.509 ng

RT: 21.542 min Scan# 3163

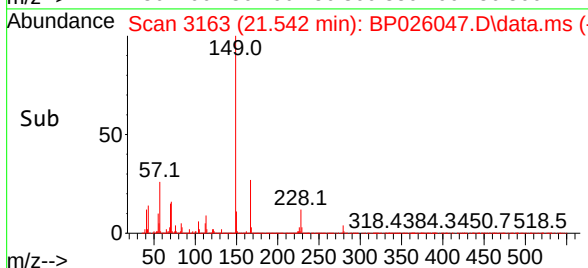
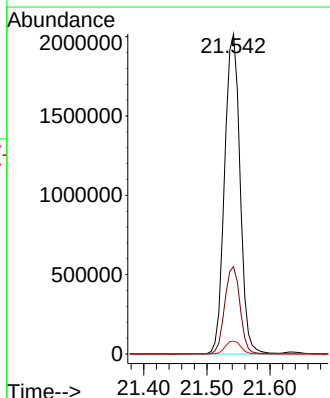
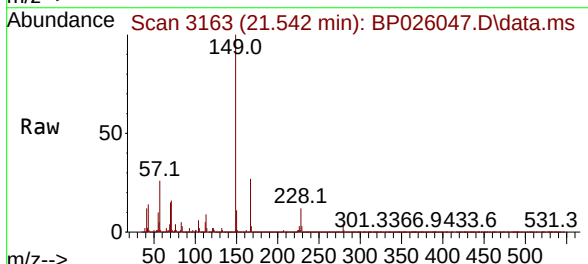
Delta R.T. 0.024 min

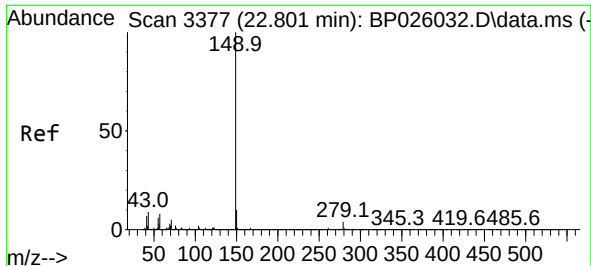
Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Tgt Ion:149 Resp: 3428289

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.0	3.0	4.6

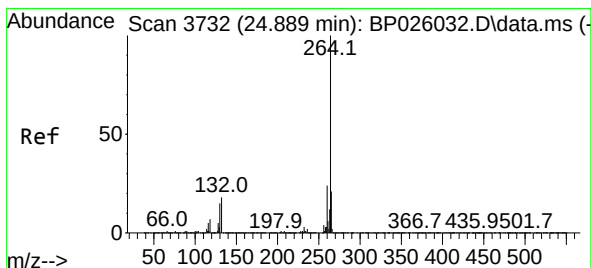
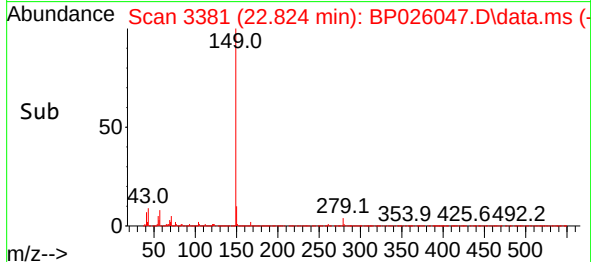
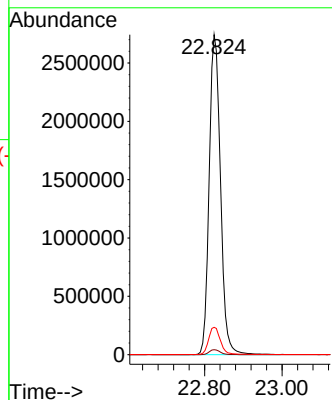
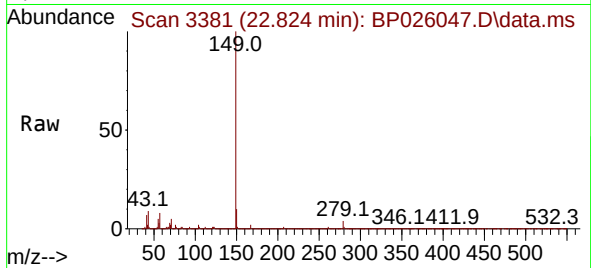




#85
Di-n-octyl phthalate
Concen: 58.934 ng
RT: 22.824 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

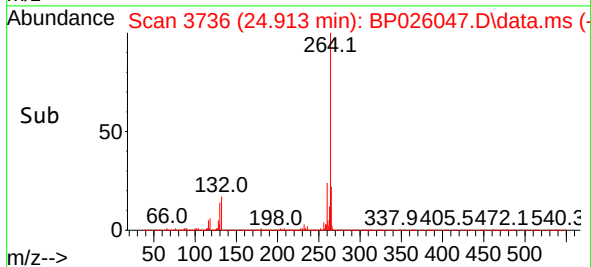
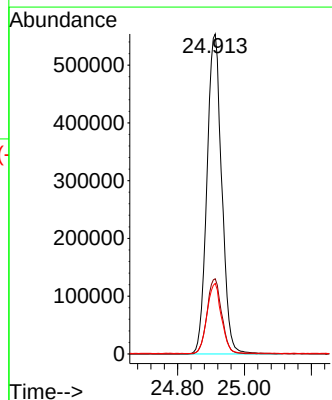
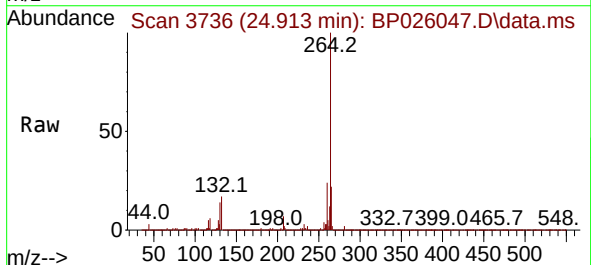
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

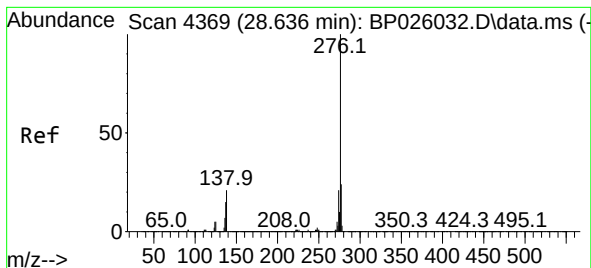
Tgt Ion:149 Resp: 5544588
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:264 Resp: 1697192
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.982 ng

RT: 28.695 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

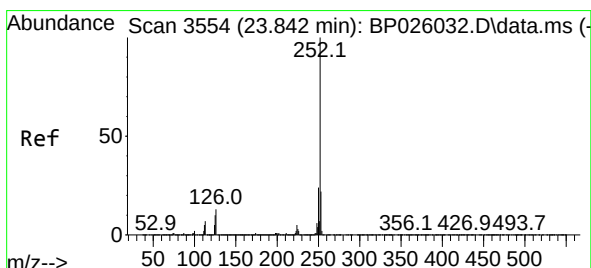
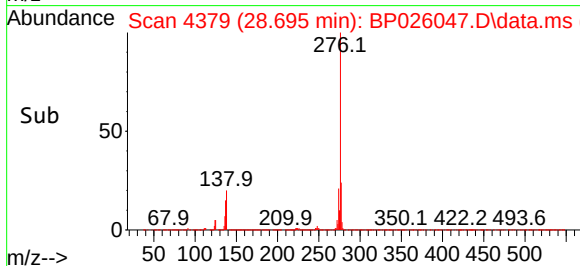
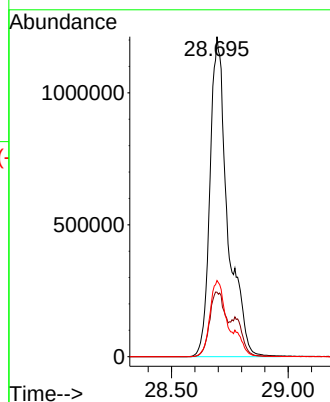
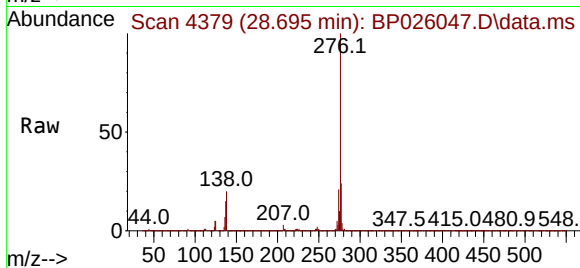
Tgt Ion:276 Resp: 6387983

Ion Ratio Lower Upper

276 100

138 18.9 13.2 19.8

277 21.3 16.3 24.5



#88

Benzo(b)fluoranthene

Concen: 49.490 ng

RT: 23.866 min Scan# 3558

Delta R.T. 0.018 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

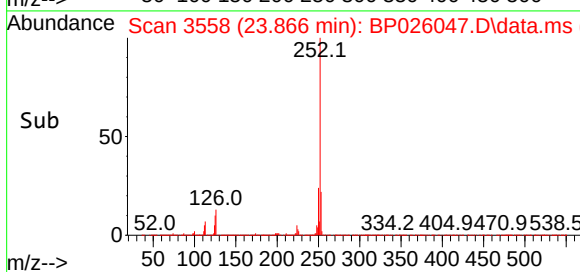
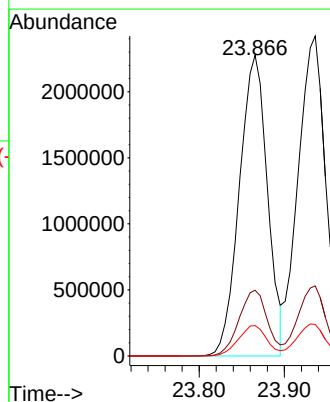
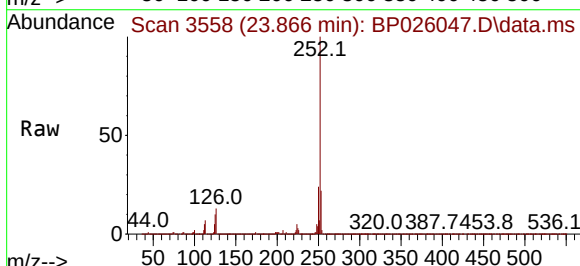
Tgt Ion:252 Resp: 5214266

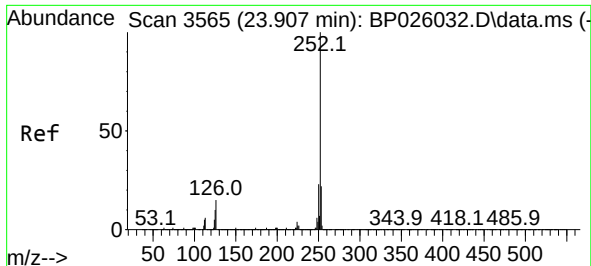
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.1 8.1 12.1

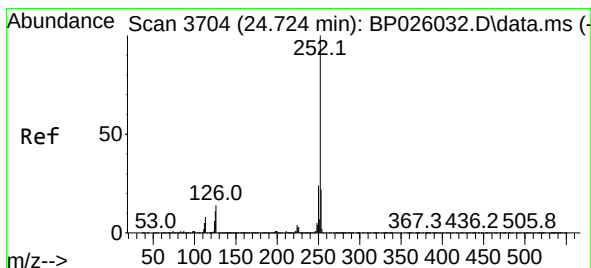
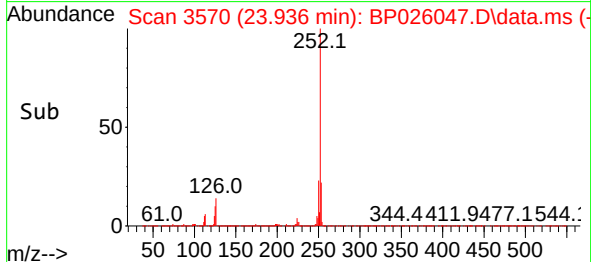
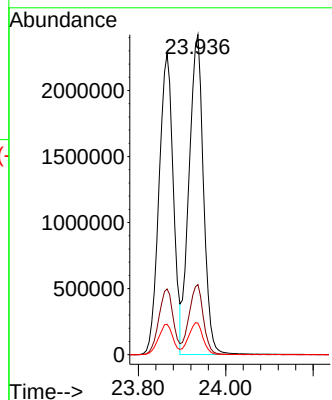
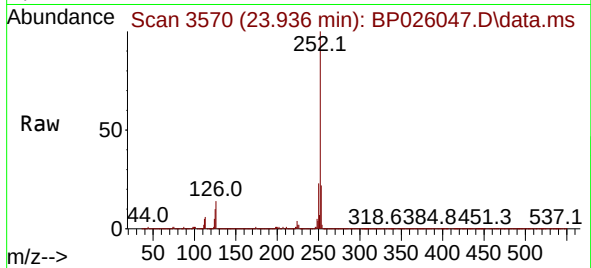




#89
Benzo(k)fluoranthene
Concen: 51.461 ng
RT: 23.936 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

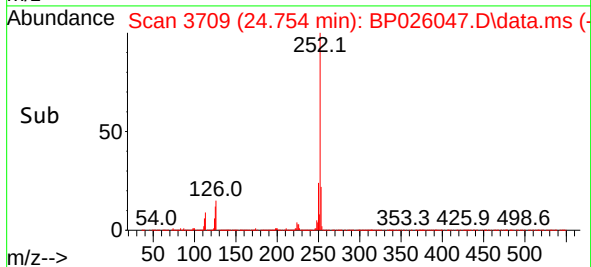
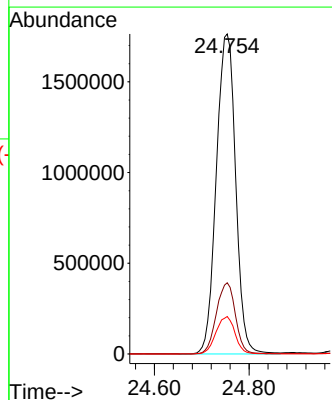
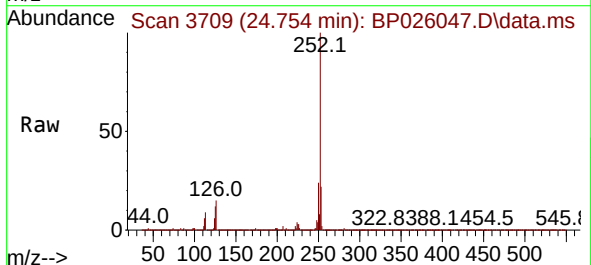
Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

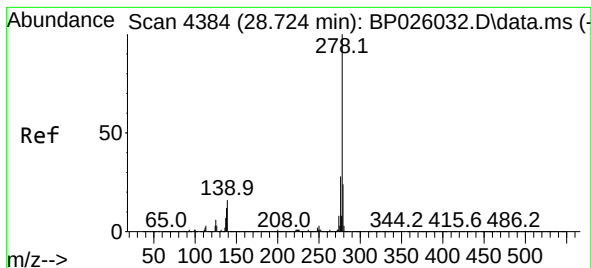
Tgt Ion:252 Resp: 5536721
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 51.616 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.012 min
Lab File: BP026047.D
Acq: 30 Oct 2025 18:27

Tgt Ion:252 Resp: 4996186
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 51.741 ng

RT: 28.771 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Instrument :

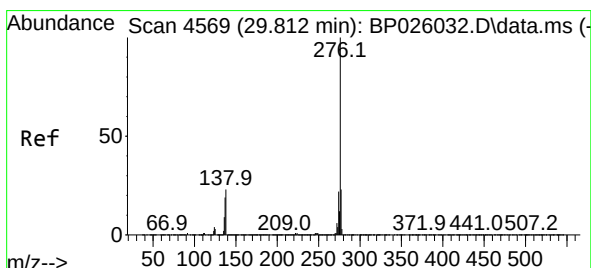
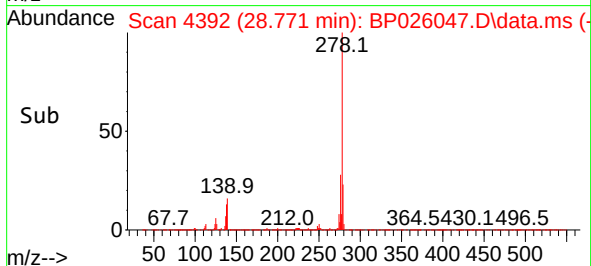
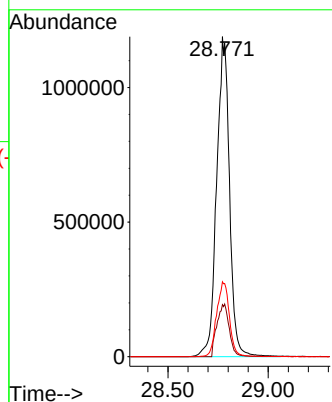
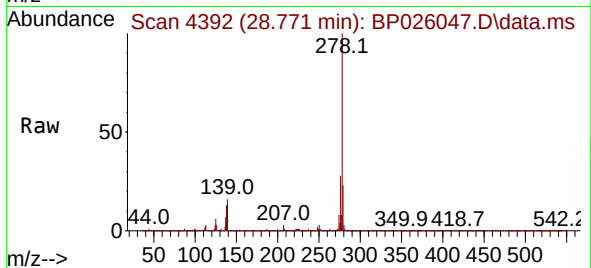
BNA_P

ClientSampleId :

P001-TW2-251023-01MSD

Tgt Ion:278 Resp: 5275824

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.0	19.6
279	23.4	18.9	28.3



#92

Benzo(g,h,i)perylene

Concen: 52.297 ng

RT: 29.871 min Scan# 4579

Delta R.T. 0.042 min

Lab File: BP026047.D

Acq: 30 Oct 2025 18:27

Tgt Ion:276 Resp: 5131423

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	22.0	18.1	27.1

