

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025366.D
 Acq On : 12 Aug 2025 14:17
 Operator : CG/JU
 Sample : PB169162BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169162BS

Quant Time: Aug 12 14:40:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	208464	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	825400	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	479211	20.000	ng	0.01
64) Phenanthrene-d10	17.231	188	879995	20.000	ng	0.00
76) Chrysene-d12	21.683	240	895622	20.000	ng	0.02
86) Perylene-d12	25.077	264	1109113	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1542219	118.987	ng	0.00
7) Phenol-d6	6.972	99	1859188	108.992	ng	0.00
23) Nitrobenzene-d5	8.943	82	1167998	78.396	ng	0.00
42) 2,4,6-Tribromophenol	15.942	330	669293	140.000	ng	0.02
45) 2-Fluorobiphenyl	13.043	172	2657968	76.609	ng	0.01
79) Terphenyl-d14	19.948	244	3551775	74.904	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	178870	34.971	ng	97
3) Pyridine	3.725	79	498539	35.082	ng	94
4) n-Nitrosodimethylamine	3.631	42	237136	35.944	ng	95
6) Aniline	7.131	93	718771	30.695	ng	97
8) 2-Chlorophenol	7.372	128	613785	43.263	ng	96
9) Benzaldehyde	6.943	77	309830	25.574	ng	98
10) Phenol	7.002	94	719263	39.409	ng	100
11) bis(2-Chloroethyl)ether	7.225	93	557953	39.016	ng	96
12) 1,3-Dichlorobenzene	7.696	146	658810	41.327	ng	99
13) 1,4-Dichlorobenzene	7.831	146	670843	41.595	ng	98
14) 1,2-Dichlorobenzene	8.149	146	647034	41.414	ng	99
15) Benzyl Alcohol	8.031	79	495445	37.470	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	775536	34.330	ng	97
17) 2-Methylphenol	8.237	107	489990	40.122	ng	98
18) Hexachloroethane	8.872	117	247684	42.943	ng	98
19) n-Nitroso-di-n-propyla...	8.596	70	409170	36.509	ng	94
20) 3+4-Methylphenols	8.555	107	639466	38.025	ng	100
22) Acetophenone	8.608	105	857723	41.395	ng	98
24) Nitrobenzene	8.984	77	605585	42.939	ng	97
25) Isophorone	9.507	82	1142280	38.517	ng	100
26) 2-Nitrophenol	9.690	139	307818	49.945	ng	96
27) 2,4-Dimethylphenol	9.749	122	543545	39.754	ng	96
28) bis(2-Chloroethoxy)met...	9.990	93	725369	40.207	ng	100
29) 2,4-Dichlorophenol	10.225	162	528563	44.156	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	573558	43.431	ng	97
31) Naphthalene	10.631	128	1811064	42.267	ng	99
32) Benzoic acid	9.872	122	383225	48.796	ng	98
33) 4-Chloroaniline	10.725	127	419793	22.028	ng	99
34) Hexachlorobutadiene	10.919	225	346871	45.756	ng	99
35) Caprolactam	11.501	113	178216	38.377	ng	88
36) 4-Chloro-3-methylphenol	11.849	107	559488	40.393	ng	97
37) 2-Methylnaphthalene	12.237	142	1113633	40.154	ng	99
38) 1-Methylnaphthalene	12.460	142	1168481	40.378	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	600260	45.880	ng	99
41) Hexachlorocyclopentadiene	12.590	237	797928	98.817	ng	100
43) 2,4,6-Trichlorophenol	12.848	196	411814	48.726	ng	99

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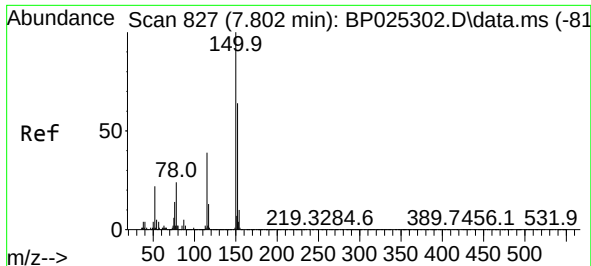
Quant Time: Aug 12 14:40:18 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	448527	47.308	ng	99
46) 1,1'-Biphenyl	13.248	154	1564826	44.310	ng	99
47) 2-Chloronaphthalene	13.290	162	1212445	45.000	ng	99
48) 2-Nitroaniline	13.496	65	336616	42.980	ng	90
49) Acenaphthylene	14.148	152	1976863	43.987	ng	100
50) Dimethylphthalate	13.878	163	1461886	41.847	ng	100
51) 2,6-Dinitrotoluene	13.990	165	321571	49.905	ng	# 86
52) Acenaphthene	14.495	154	1347438	49.153	ng	99
53) 3-Nitroaniline	14.319	138	247727	32.855	ng	# 95
54) 2,4-Dinitrophenol	14.531	184	343642	89.280	ng	# 48
55) Dibenzofuran	14.837	168	1786478	43.609	ng	99
56) 4-Nitrophenol	14.631	139	564767	84.870	ng	95
57) 2,4-Dinitrotoluene	14.784	165	445958	44.873	ng	98
58) Fluorene	15.490	166	1394989	43.356	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	371046	46.851	ng	98
60) Diethylphthalate	15.266	149	1461997	41.511	ng	100
61) 4-Chlorophenyl-phenyle...	15.490	204	661022	43.336	ng	96
62) 4-Nitroaniline	15.501	138	340496	45.575	ng	95
63) Azobenzene	15.784	77	1337287	40.872	ng	98
65) 4,6-Dinitro-2-methylph...	15.566	198	232943	56.162	ng	97
66) n-Nitrosodiphenylamine	15.701	169	1225849	45.750	ng	99
67) 4-Bromophenyl-phenylether	16.401	248	412799	46.621	ng	96
68) Hexachlorobenzene	16.525	284	465650	46.869	ng	99
69) Atrazine	16.684	200	427205	45.337	ng	99
70) Pentachlorophenol	16.872	266	624169	98.610	ng	99
71) Phenanthrene	17.272	178	2182885	45.290	ng	99
72) Anthracene	17.366	178	2200007	45.269	ng	100
73) Carbazole	17.636	167	2052238	43.992	ng	99
74) Di-n-butylphthalate	18.236	149	2523371	44.711	ng	99
75) Fluoranthene	19.354	202	2435585	43.652	ng	99
77) Benzidine	19.542	184	960340	29.625	ng	99
78) Pyrene	19.730	202	2540570	42.658	ng	99
80) Butylbenzylphthalate	20.683	149	1182022	48.937	ng	96
81) Benzo(a)anthracene	21.660	228	2658368	44.666	ng	100
82) 3,3'-Dichlorobenzidine	21.572	252	782545	37.266	ng	99
83) Chrysene	21.730	228	2495678	45.210	ng	99
84) Bis(2-ethylhexyl)phtha...	21.607	149	1827346	47.379	ng	100
85) Di-n-octyl phthalate	22.913	149	3338190	51.709	ng	97
87) Indeno(1,2,3-cd)pyrene	28.918	276	3065585	38.562	ng	93
88) Benzo(b)fluoranthene	23.989	252	2937909	44.250	ng	100
89) Benzo(k)fluoranthene	24.071	252	2921661	44.390	ng	99
90) Benzo(a)pyrene	24.907	252	2891539	45.224	ng	99
91) Dibenzo(a,h)anthracene	29.030	278	3049959	46.845	ng	100
92) Benzo(g,h,i)perylene	30.142	276	2963713	46.382	ng	98

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

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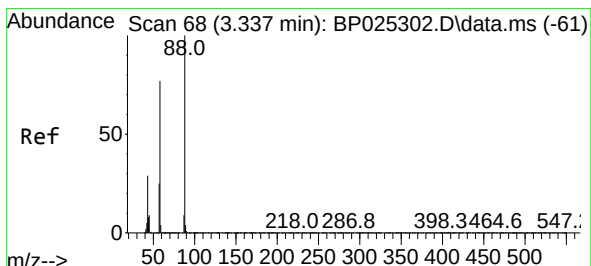
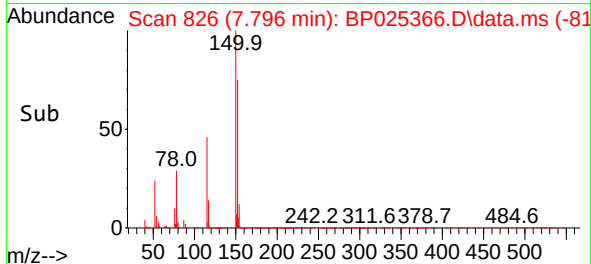
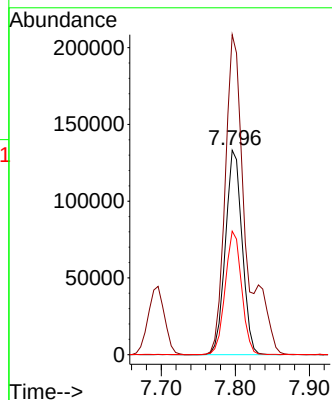
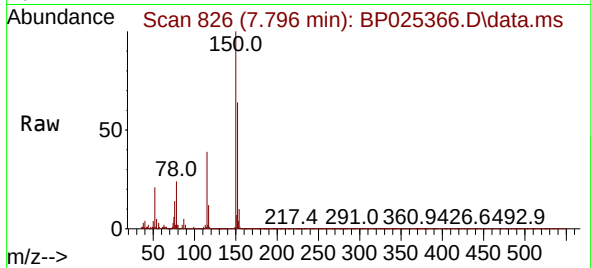




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.796 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025366.D
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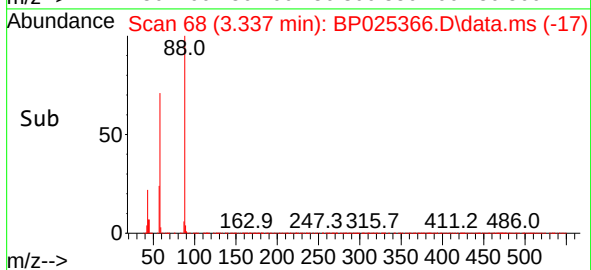
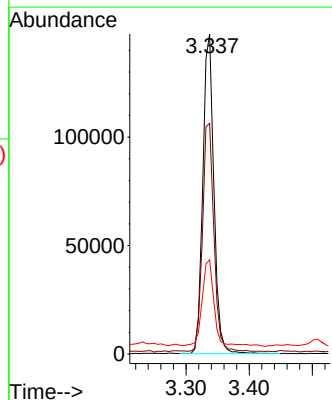
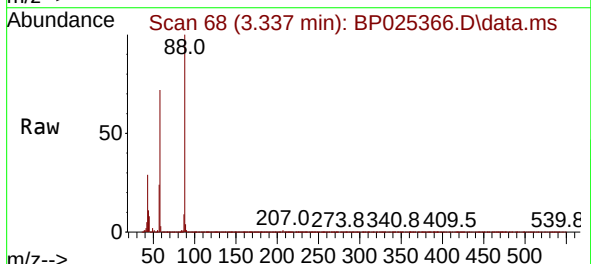
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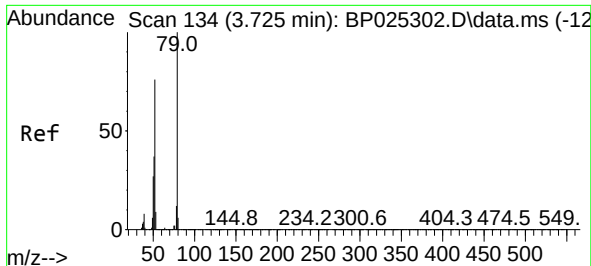
Tgt Ion:152 Resp: 208464
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.1 187.7
 115 60.4 48.4 72.6



#2
 1,4-Dioxane
 Concen: 34.971 ng
 RT: 3.337 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BP025366.D
 Acq: 12 Aug 2025 14:17

Tgt Ion: 88 Resp: 178870
 Ion Ratio Lower Upper
 88 100
 58 74.2 61.9 92.9
 43 29.7 24.2 36.2

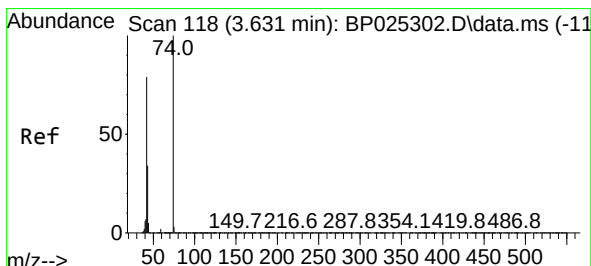
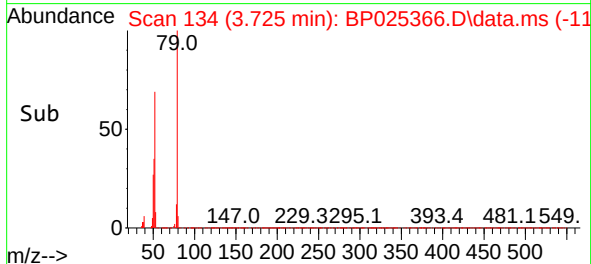
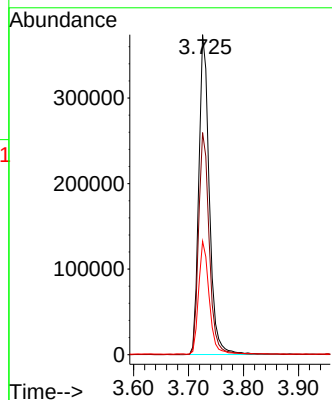
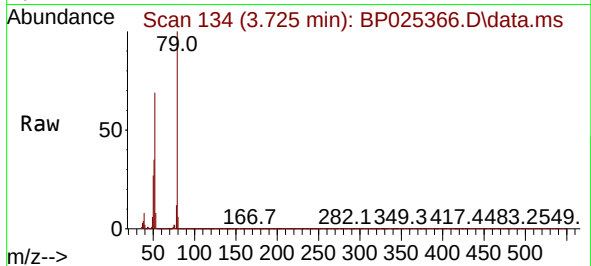




#3
Pyridine
Concen: 35.082 ng
RT: 3.725 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

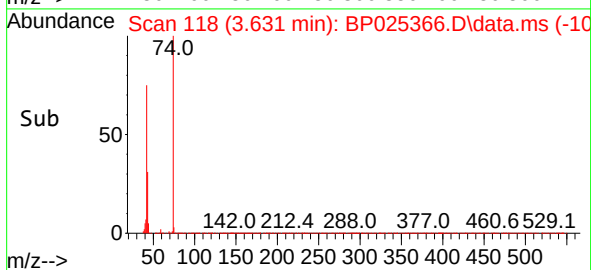
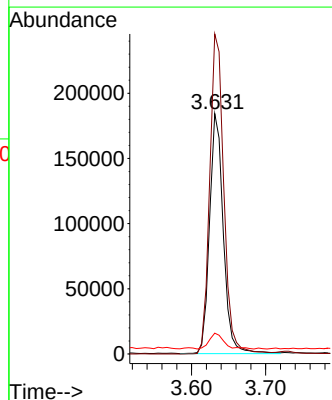
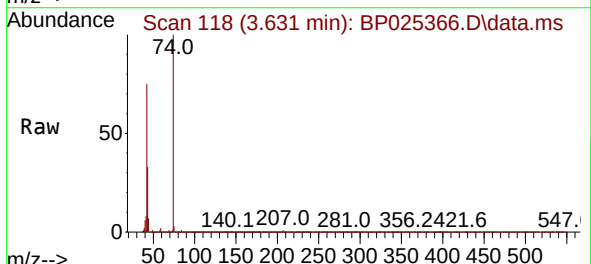
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BNA_P
ClientSampleId :
PB169162BS

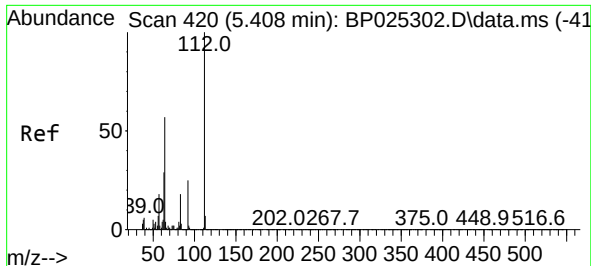
Tgt Ion: 79 Resp: 498539
Ion Ratio Lower Upper
79 100
52 69.4 60.5 90.7
51 35.4 30.2 45.2



#4
n-Nitrosodimethylamine
Concen: 35.944 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 42 Resp: 237136
Ion Ratio Lower Upper
42 100
74 133.2 101.4 152.2
44 8.7 7.6 11.4

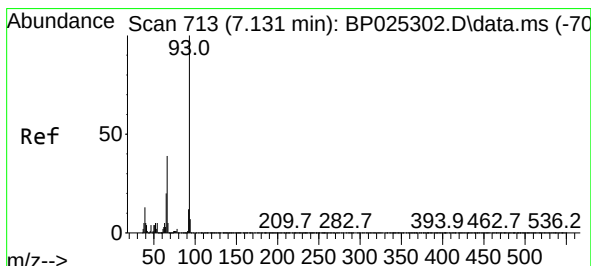
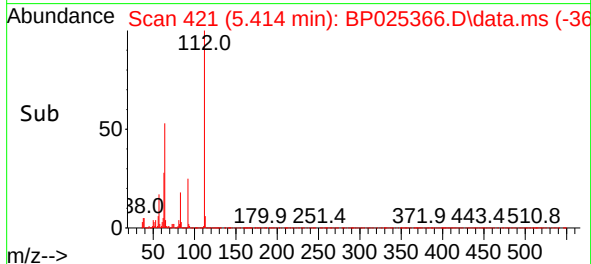
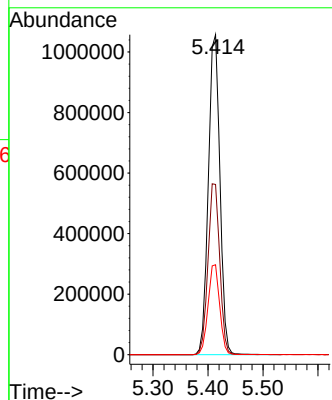
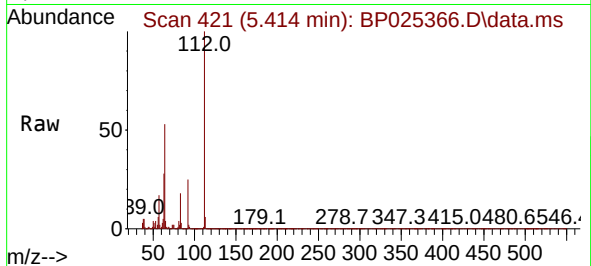




#5
2-Fluorophenol
Concen: 118.987 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

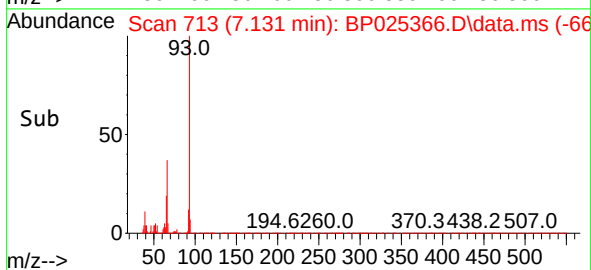
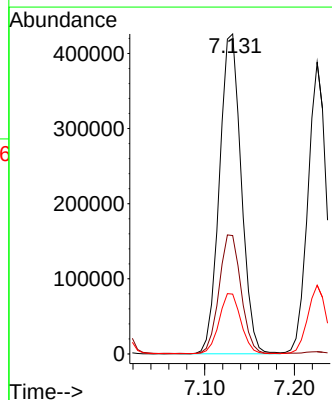
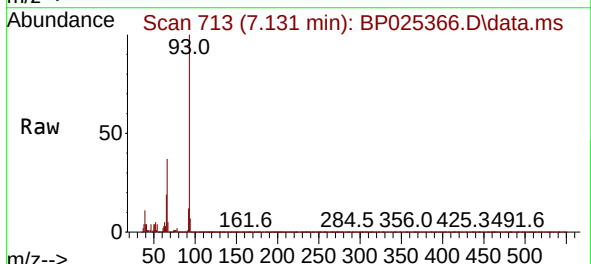
Instrument :
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ClientSampleId :
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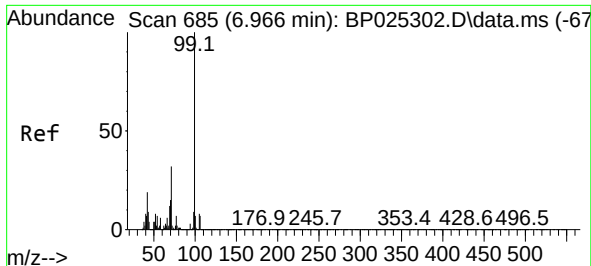
Tgt Ion:112 Resp: 1542219
Ion Ratio Lower Upper
112 100
64 53.2 45.3 67.9
63 28.1 23.0 34.6



#6
Aniline
Concen: 30.695 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 93 Resp: 718771
Ion Ratio Lower Upper
93 100
66 37.0 31.1 46.7
65 18.7 15.8 23.8





#7

Phenol-d6

Concen: 108.992 ng

RT: 6.972 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

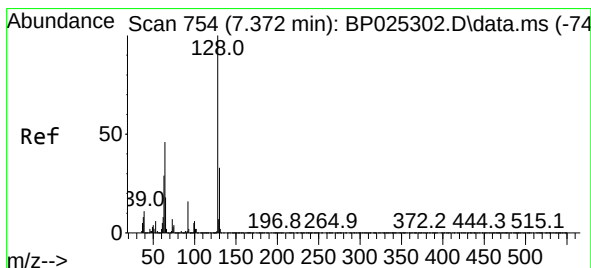
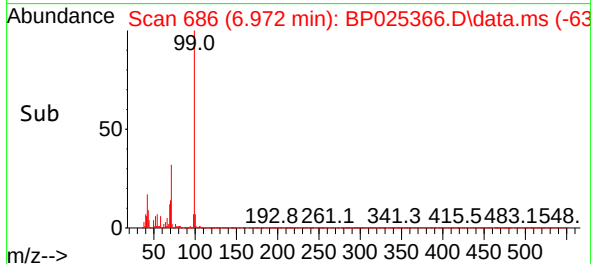
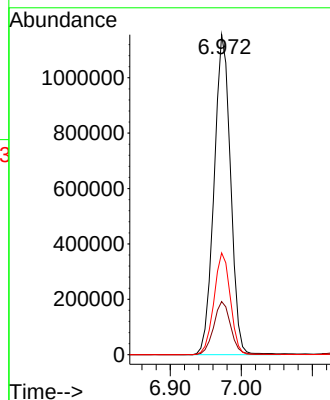
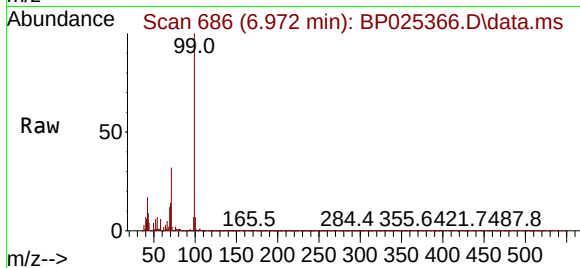
BNA_P

ClientSampleId :

PB169162BS

Tgt Ion: 99 Resp: 1859188

Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.6
71	31.8	25.5	38.3



#8

2-Chlorophenol

Concen: 43.263 ng

RT: 7.372 min Scan# 754

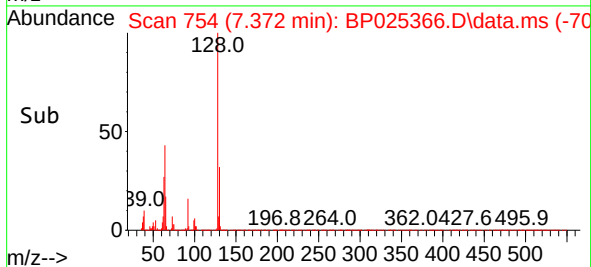
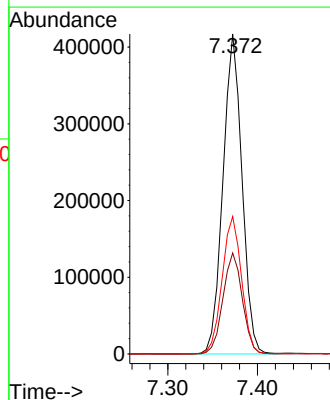
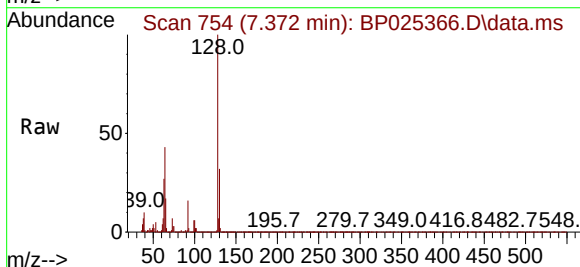
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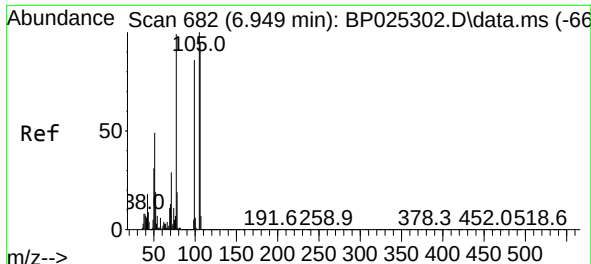
Lab File: BP025366.D

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Tgt Ion:128 Resp: 613785

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.1	53.1
64	42.9	26.1	66.1

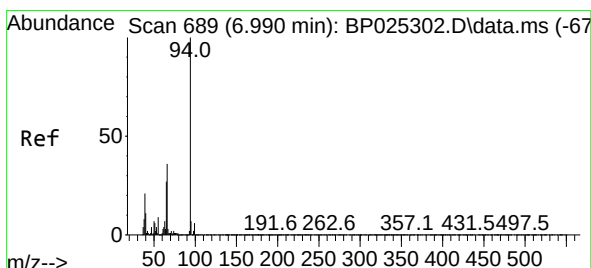
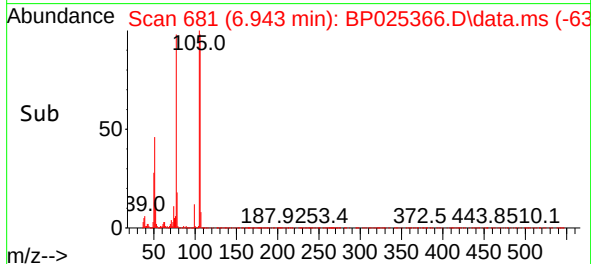
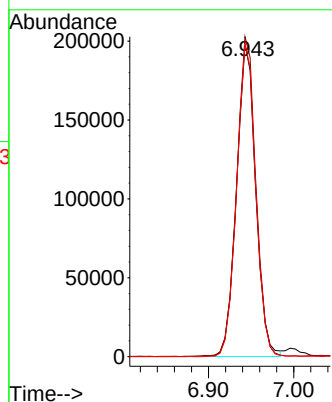
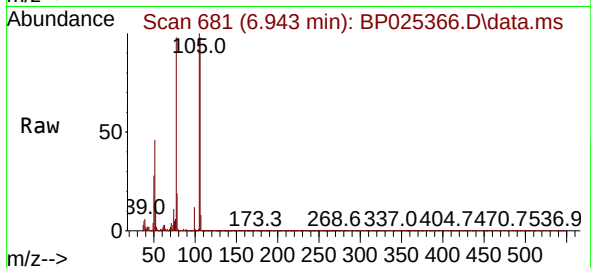




#9
Benzaldehyde
Concen: 25.574 ng
RT: 6.943 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

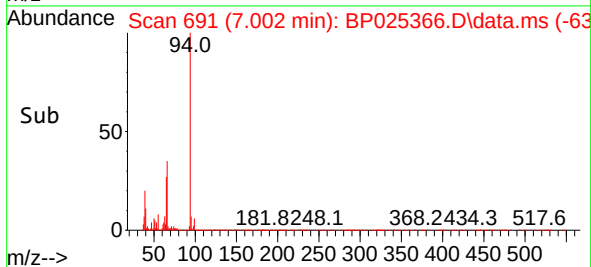
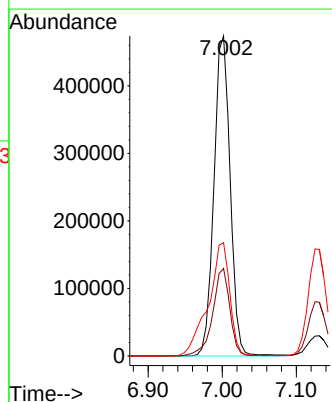
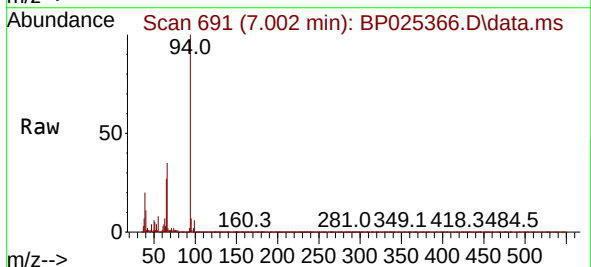
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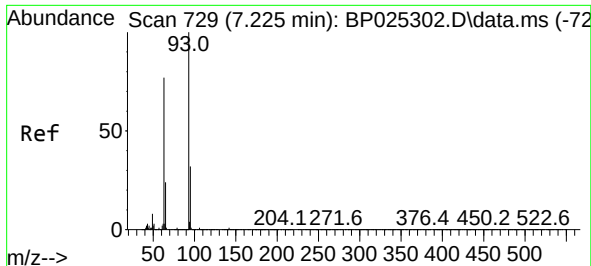
Tgt Ion: 77 Resp: 309830
Ion Ratio Lower Upper
77 100
105 102.3 81.4 121.4
106 99.9 76.2 116.2



#10
Phenol
Concen: 39.409 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 94 Resp: 719263
Ion Ratio Lower Upper
94 100
65 27.3 7.3 47.3
66 35.4 15.7 55.7

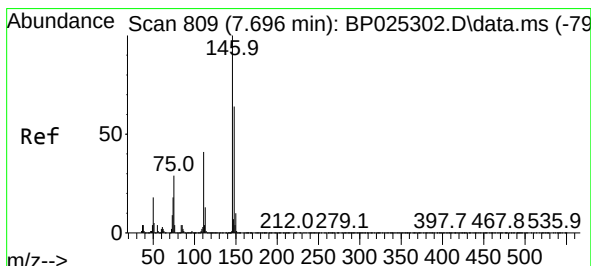
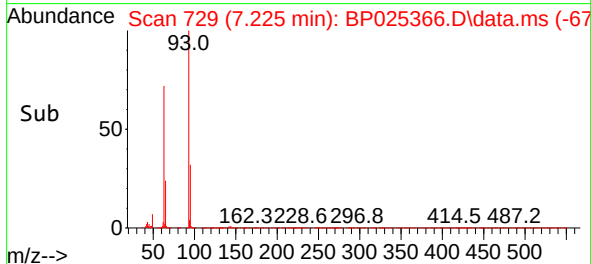
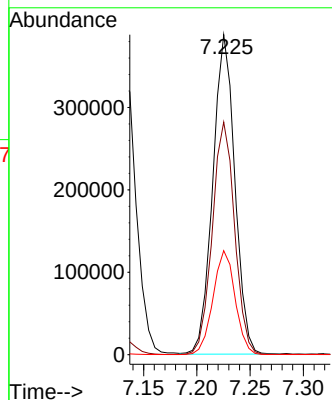
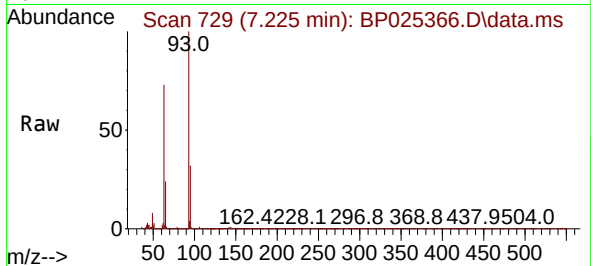




#11
bis(2-Chloroethyl)ether
Concen: 39.016 ng
RT: 7.225 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

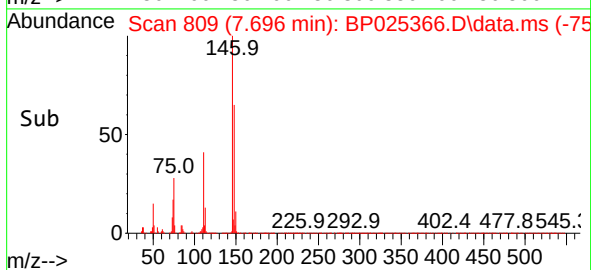
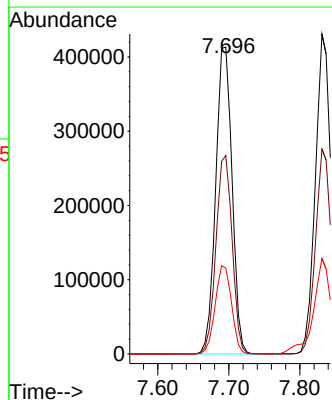
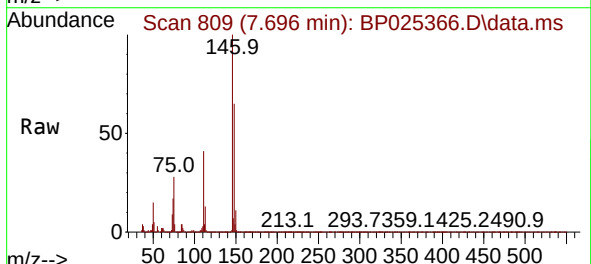
Instrument :
BNA_P
ClientSampleId :
PB169162BS

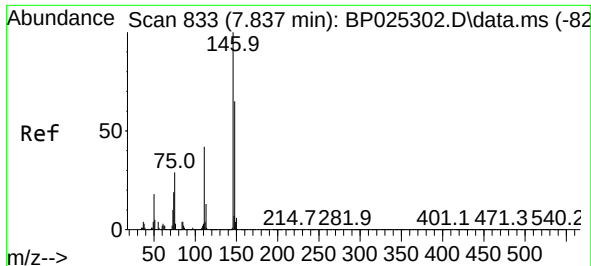
Tgt Ion: 93 Resp: 557953
Ion Ratio Lower Upper
93 100
63 72.7 57.0 97.0
95 32.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.327 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 146 Resp: 658810
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
75 27.9 23.2 34.8

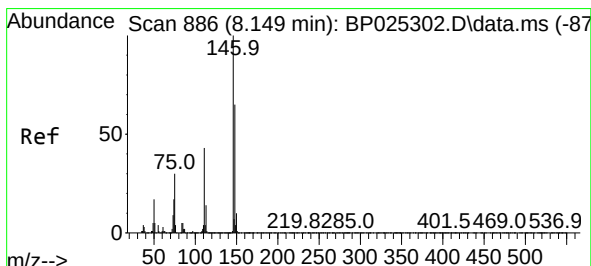
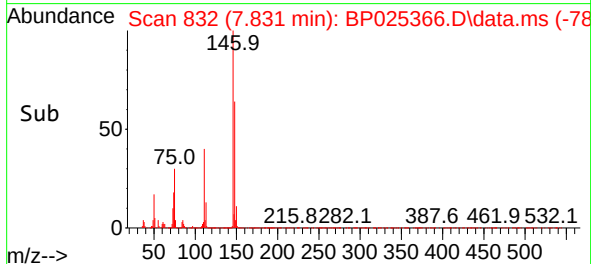
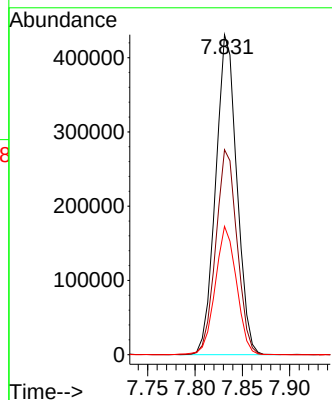
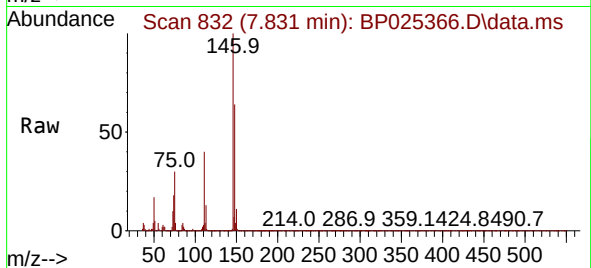




#13
1,4-Dichlorobenzene
Concen: 41.595 ng
RT: 7.831 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

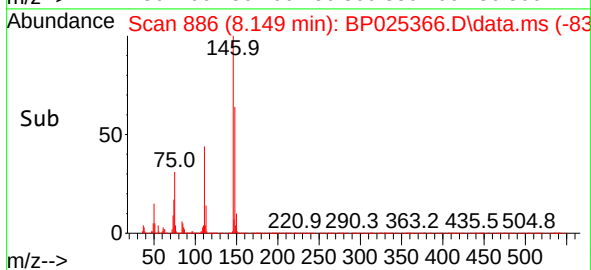
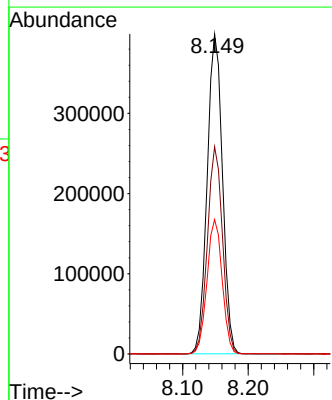
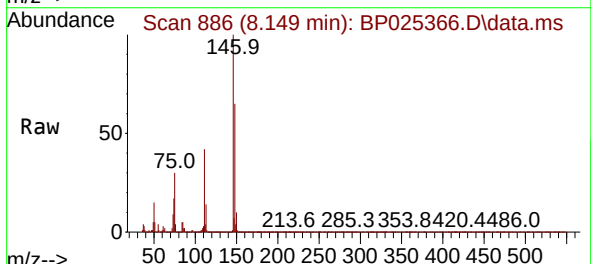
Instrument :
BNA_P
ClientSampleId :
PB169162BS

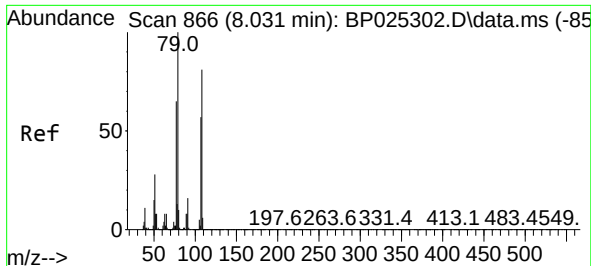
Tgt Ion:146 Resp: 670843
Ion Ratio Lower Upper
146 100
148 64.0 52.0 78.0
111 40.1 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 41.414 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:146 Resp: 647034
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 42.0 34.4 51.6

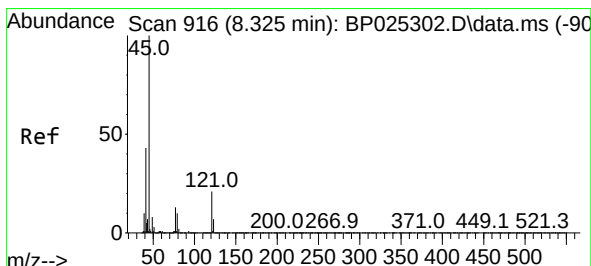
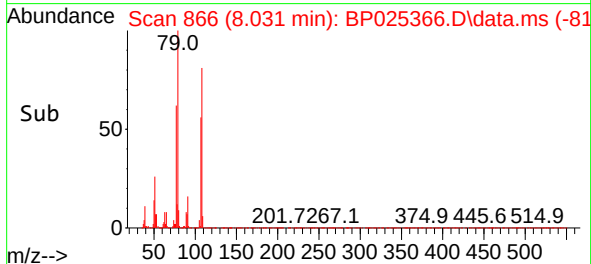
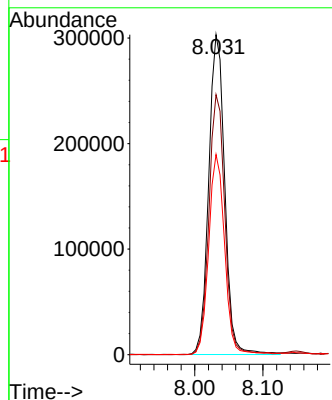
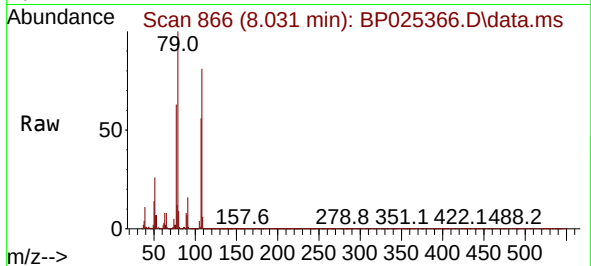




#15
Benzyl Alcohol
Concen: 37.470 ng
RT: 8.031 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

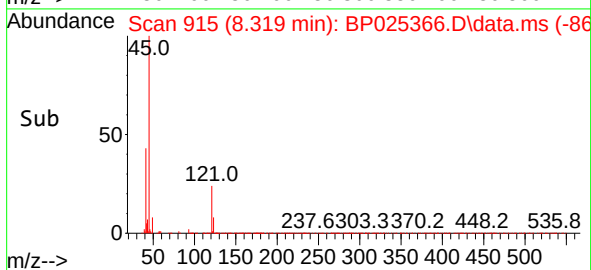
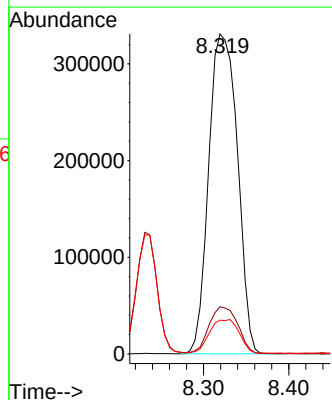
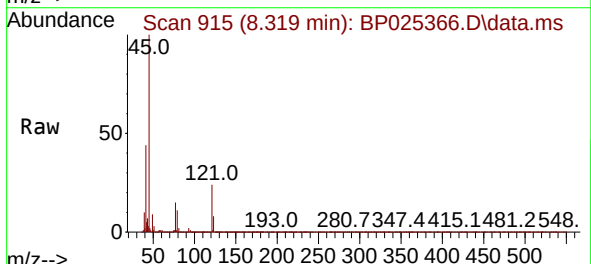
Instrument :
BNA_P
ClientSampleId :
PB169162BS

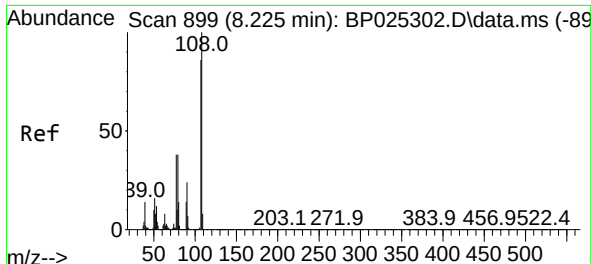
Tgt Ion: 79 Resp: 495445
Ion Ratio Lower Upper
79 100
108 81.3 64.5 96.7
77 62.5 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.330 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 45 Resp: 775536
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.0
79 10.5 0.0 29.8

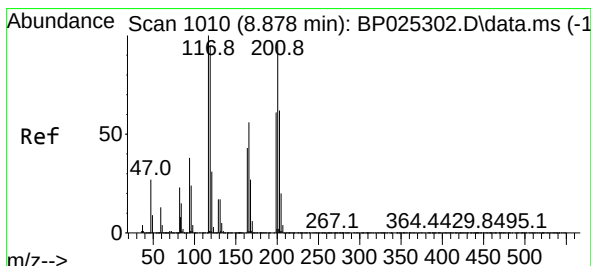
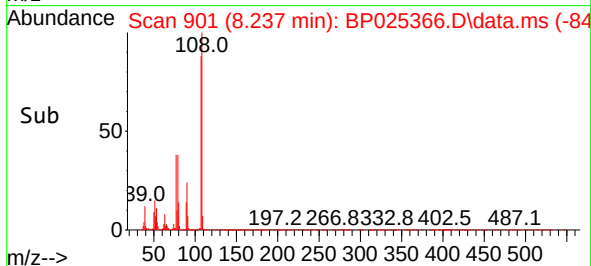
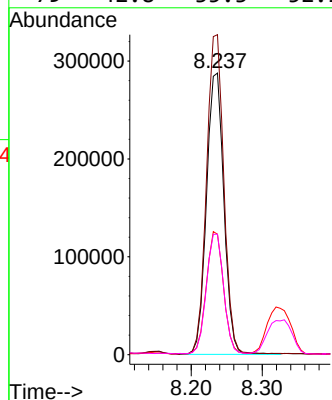
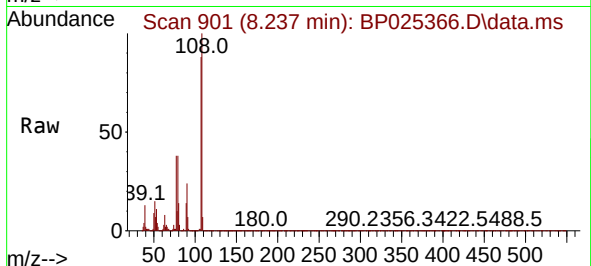




#17
2-Methylphenol
Concen: 40.122 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

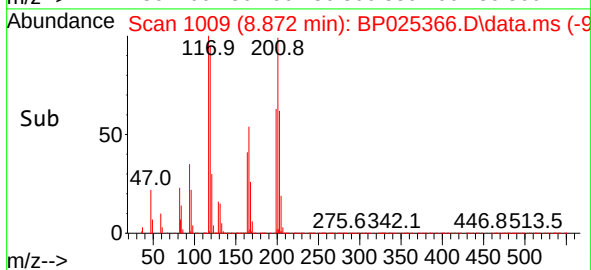
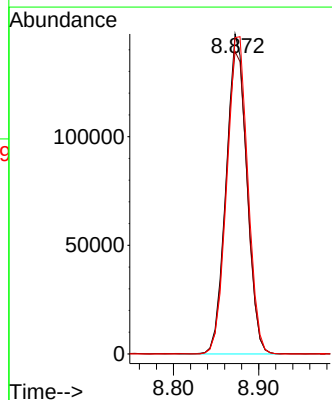
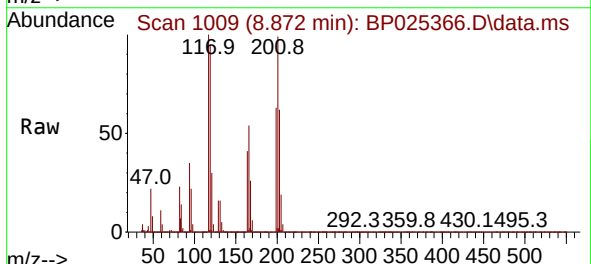
Instrument :
BNA_P
ClientSampleId :
PB169162BS

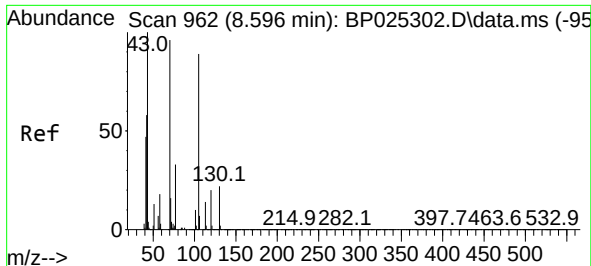
Tgt Ion:	107	Resp:	489990
Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.6	139.0
77	42.8	35.4	53.2
79	42.8	35.3	52.9



#18
Hexachloroethane
Concen: 42.943 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:	117	Resp:	247684
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
201	98.8	76.6	114.8

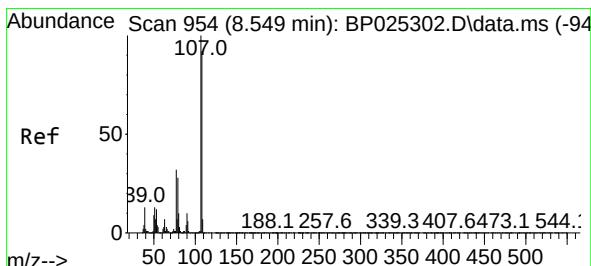
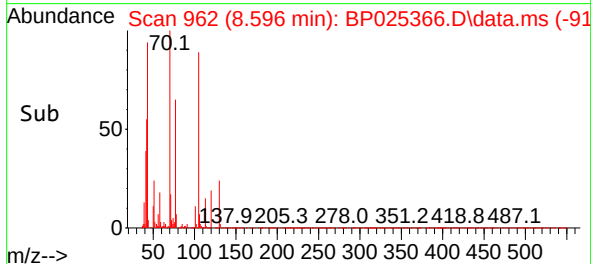
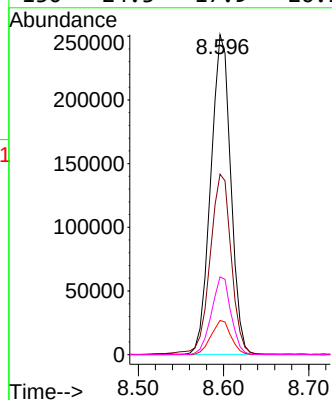
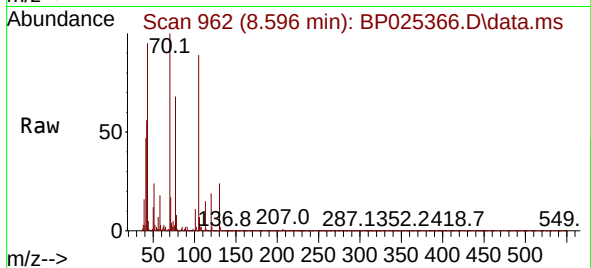




#19
n-Nitroso-di-n-propylamine
Concen: 36.509 ng
RT: 8.596 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

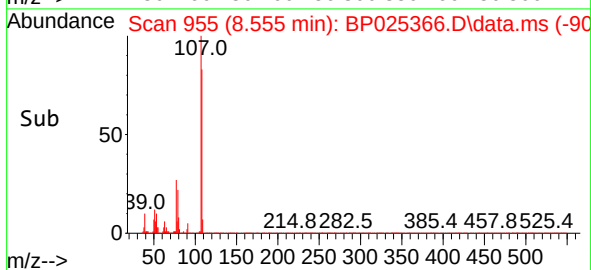
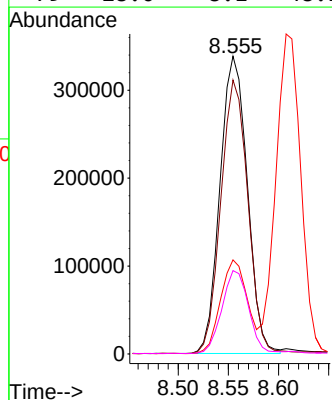
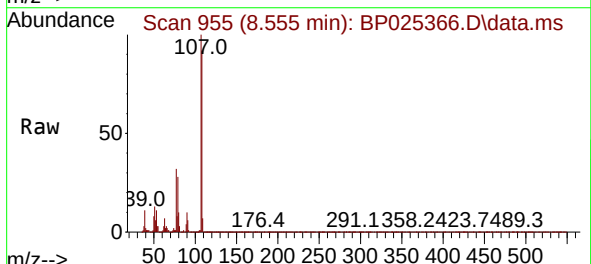
Instrument :
BNA_P
ClientSampleId :
PB169162BS

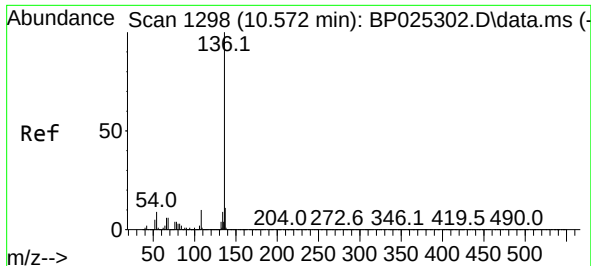
Tgt Ion: 70 Resp: 409170
Ion Ratio Lower Upper
70 100
42 56.4 49.4 74.0
101 10.7 7.9 11.9
130 24.3 17.9 26.9



#20
3+4-Methylphenols
Concen: 38.025 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 107 Resp: 639466
Ion Ratio Lower Upper
107 100
108 92.0 71.9 111.9
77 31.6 12.0 52.0
79 28.0 8.1 48.1

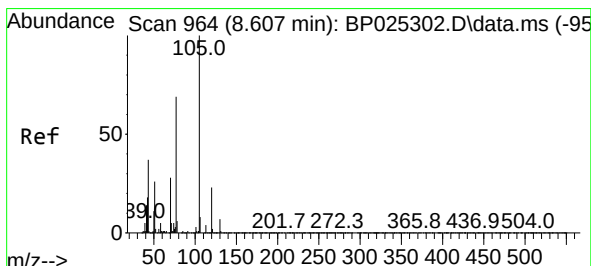
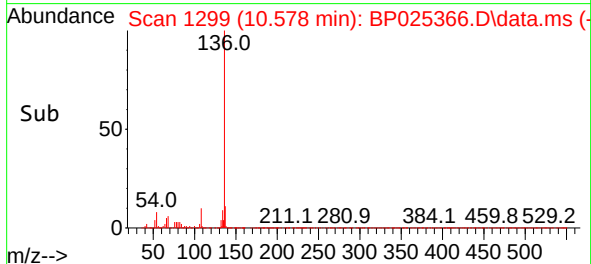
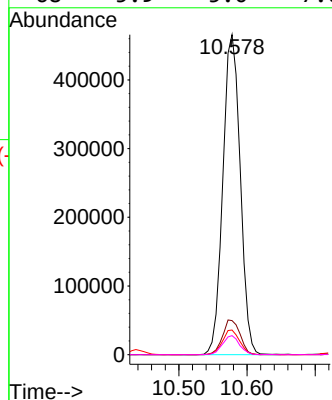
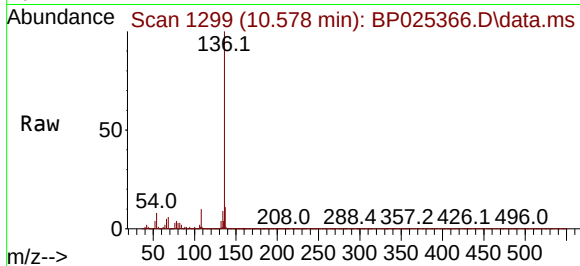




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

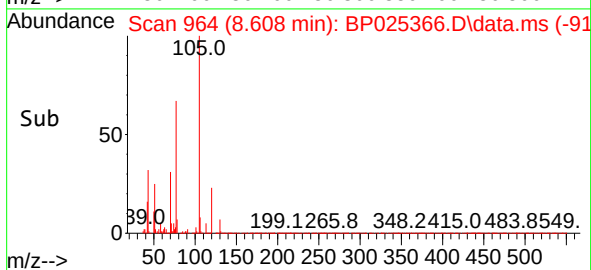
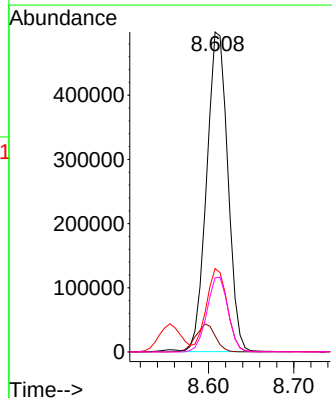
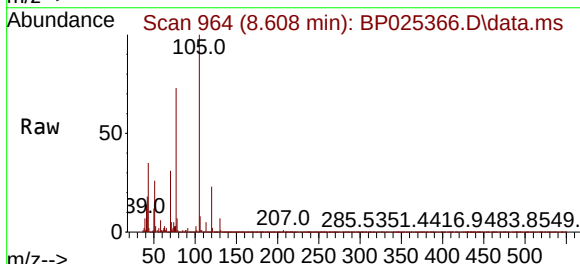
Instrument :
BNA_P
ClientSampleId :
PB169162BS

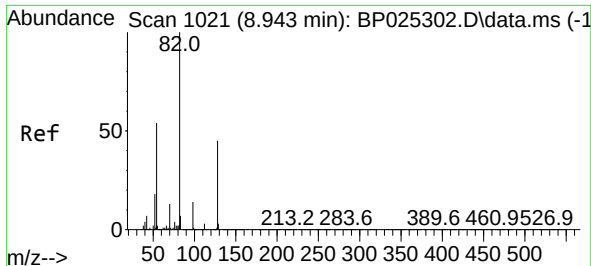
Tgt Ion:	136	Resp:	825400
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	7.0	10.6
68	5.9	5.0	7.6



#22
Acetophenone
Concen: 41.395 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:	105	Resp:	857723
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.1	6.1
51	26.1	22.7	34.1
120	23.1	18.3	27.5





#23

Nitrobenzene-d5

Concen: 78.396 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

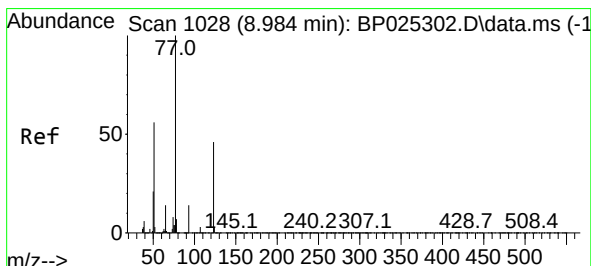
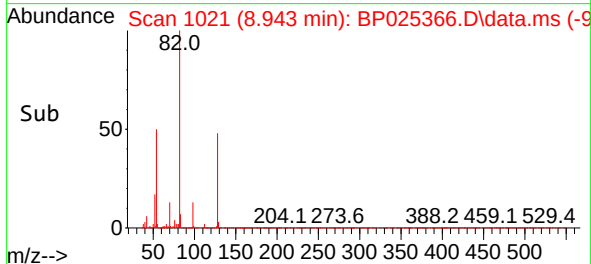
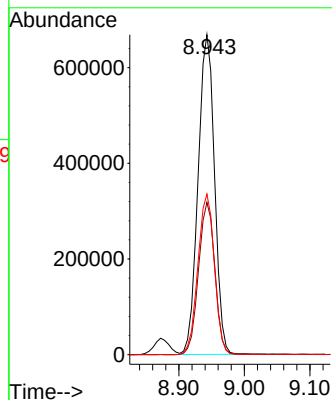
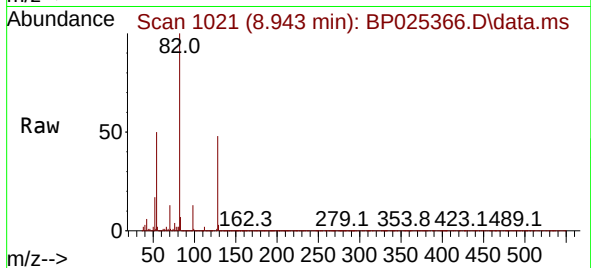
BNA_P

ClientSampleId :

PB169162BS

Tgt Ion: 82 Resp: 1167998

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.4	53.2
54	50.2	42.9	64.3



#24

Nitrobenzene

Concen: 42.939 ng

RT: 8.984 min Scan# 1028

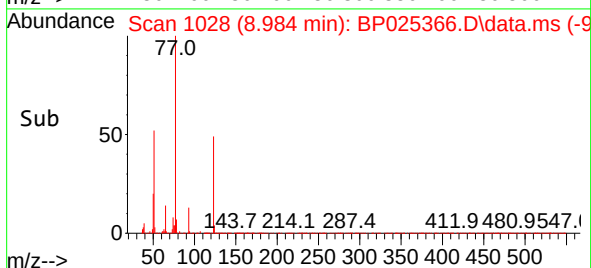
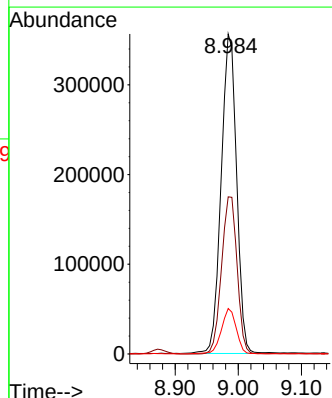
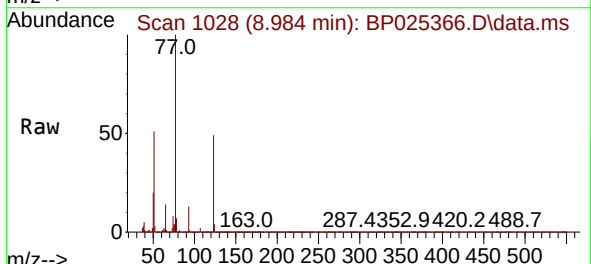
Delta R.T. -0.000 min

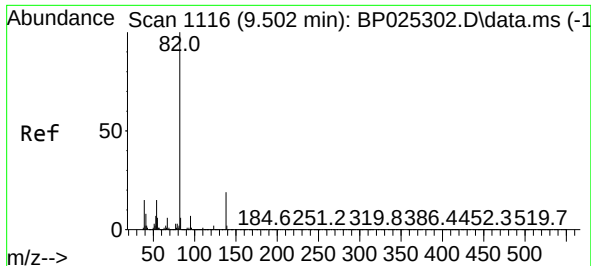
Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Tgt Ion: 77 Resp: 605585

Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.4	56.2
65	14.2	11.1	16.7

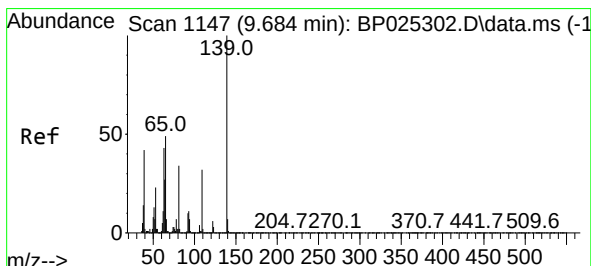
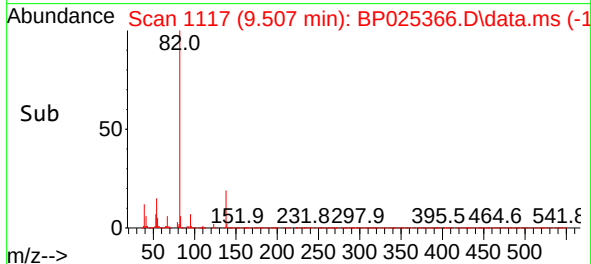
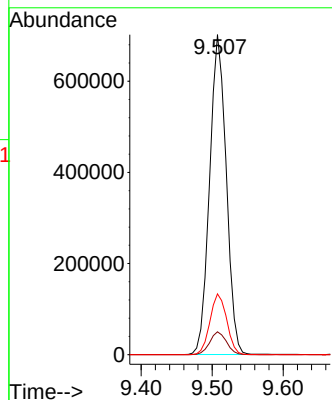
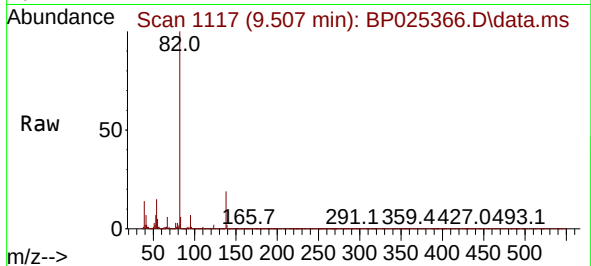




#25
Isophorone
Concen: 38.517 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

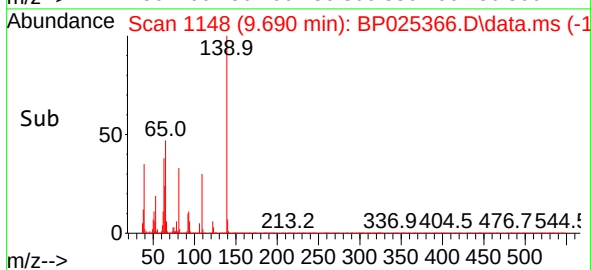
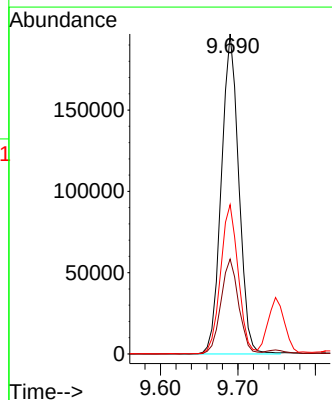
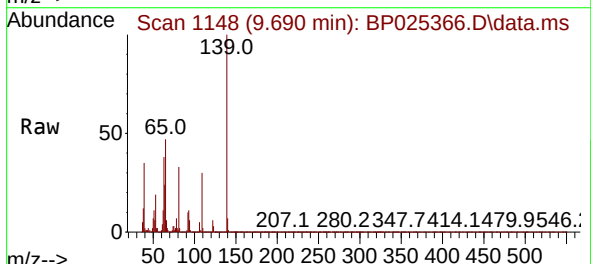
Instrument :
BNA_P
ClientSampleId :
PB169162BS

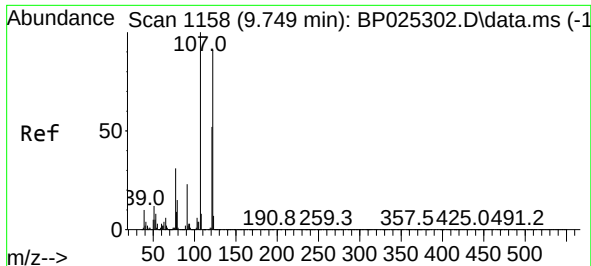
Tgt Ion: 82 Resp: 1142280
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.0 15.0 22.6



#26
2-Nitrophenol
Concen: 49.945 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 139 Resp: 307818
Ion Ratio Lower Upper
139 100
109 29.7 25.2 37.8
65 46.7 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 39.754 ng

RT: 9.749 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

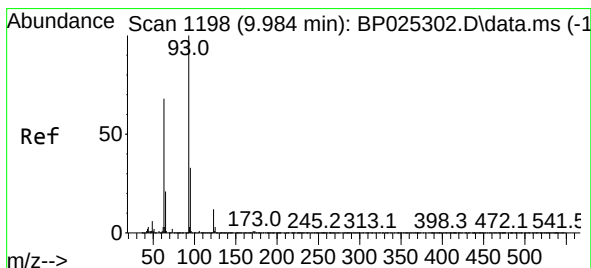
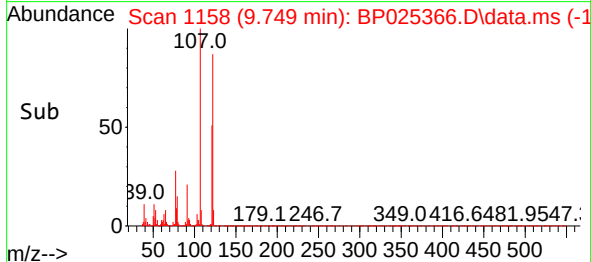
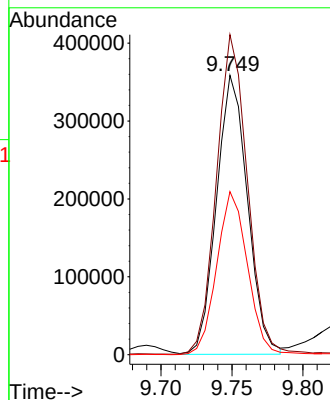
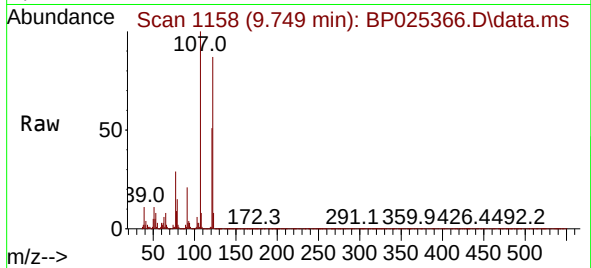
Tgt Ion:122 Resp: 543545

Ion Ratio Lower Upper

122 100

107 114.6 87.4 131.0

121 58.4 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.207 ng

RT: 9.990 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

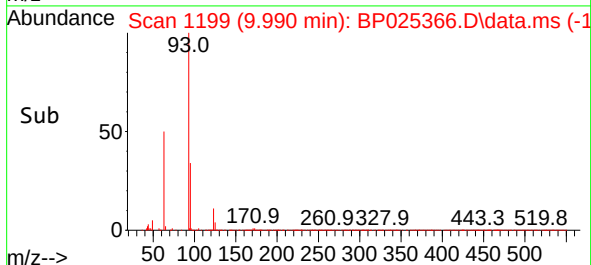
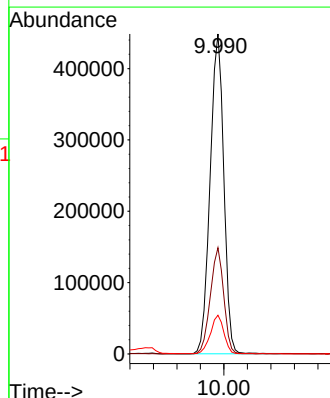
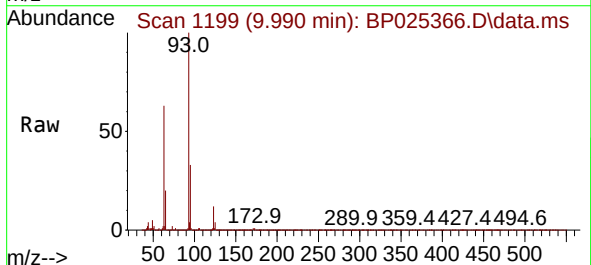
Tgt Ion: 93 Resp: 725369

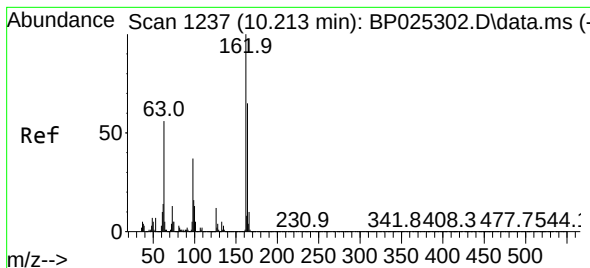
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 12.1 9.4 14.2

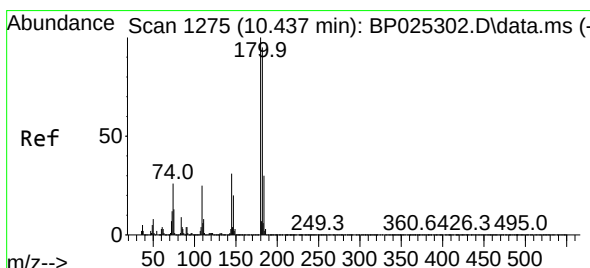
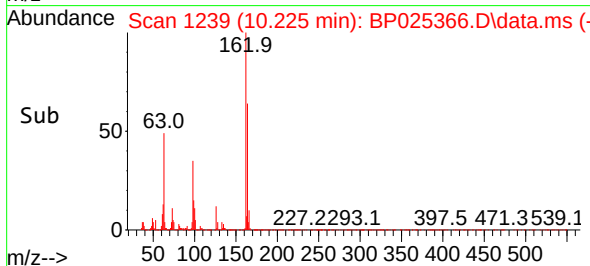
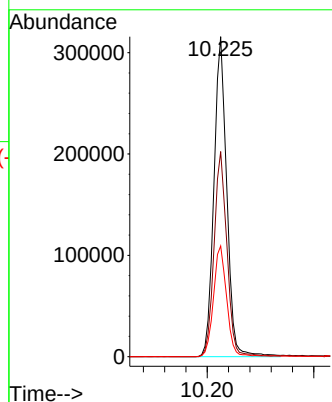
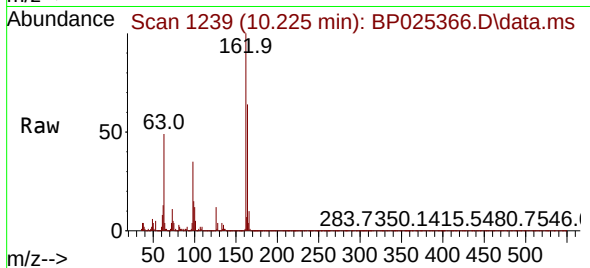




#29
2,4-Dichlorophenol
Concen: 44.156 ng
RT: 10.225 min Scan# 1239
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

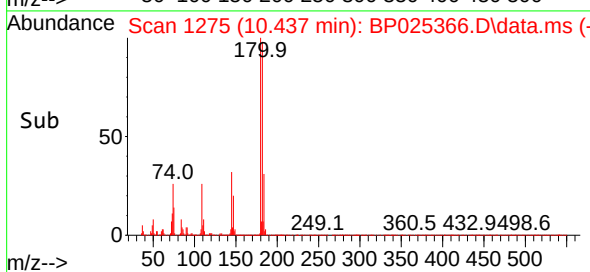
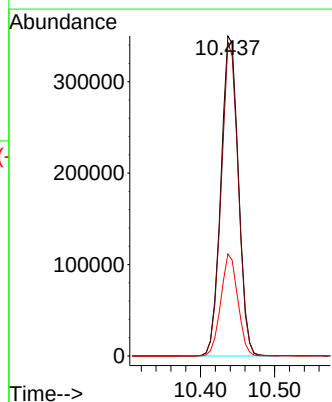
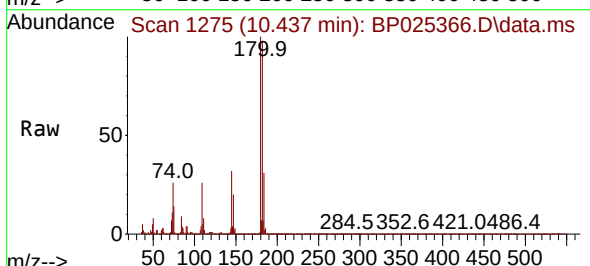
Instrument :
BNA_P
ClientSampleId :
PB169162BS

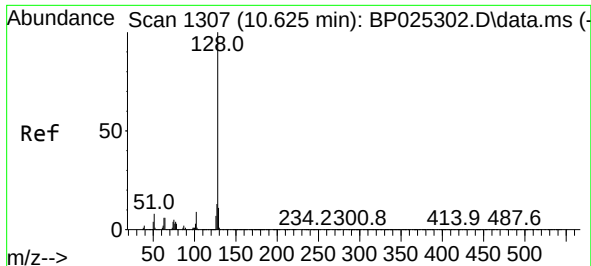
Tgt Ion:162 Resp: 528563
Ion Ratio Lower Upper
162 100
164 64.1 45.2 85.2
98 34.6 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 43.431 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:180 Resp: 573558
Ion Ratio Lower Upper
180 100
182 98.0 75.8 113.8
145 31.8 25.0 37.4

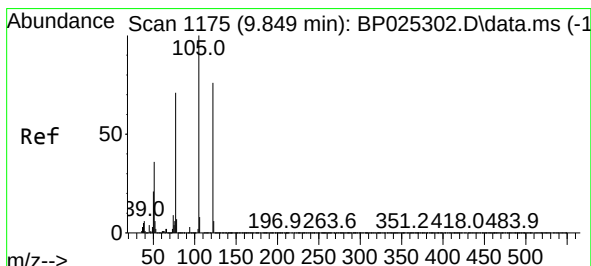
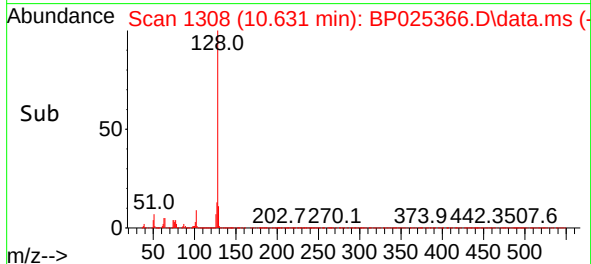
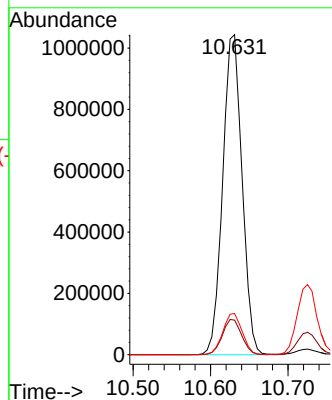
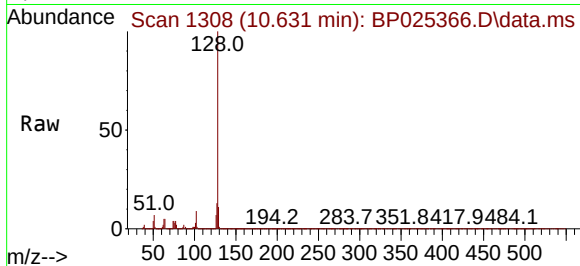




#31
Naphthalene
Concen: 42.267 ng
RT: 10.631 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

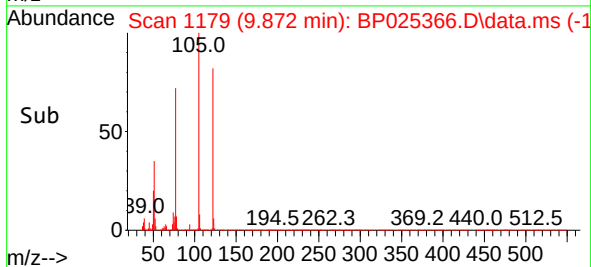
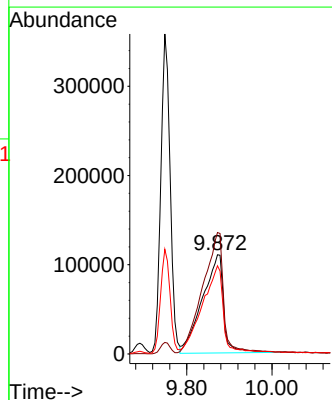
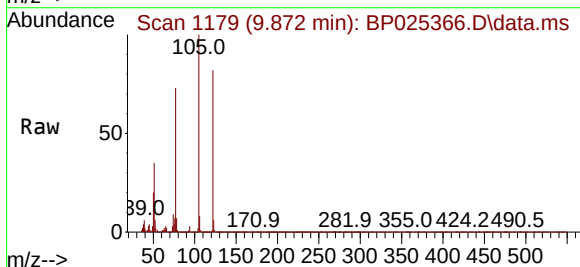
Instrument :
BNA_P
ClientSampleId :
PB169162BS

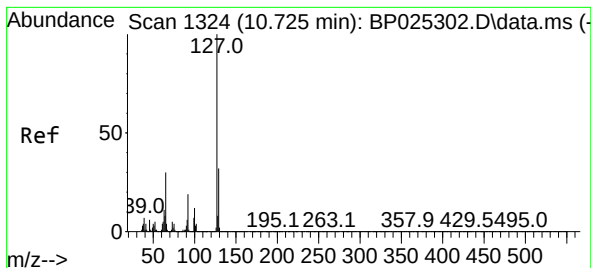
Tgt Ion:128 Resp: 1811064
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 48.796 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:122 Resp: 383225
Ion Ratio Lower Upper
122 100
105 122.4 104.0 144.0
77 88.9 71.8 111.8





#33

4-Chloroaniline

Concen: 22.028 ng

RT: 10.725 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

Tgt Ion:127 Resp: 419793

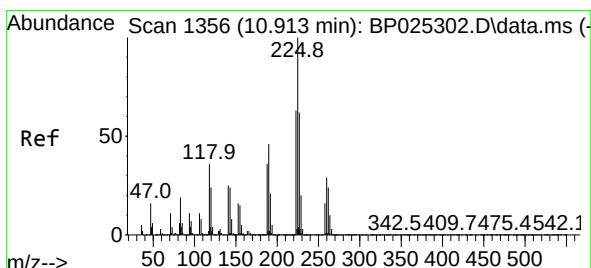
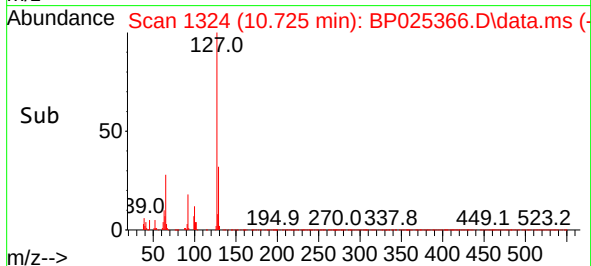
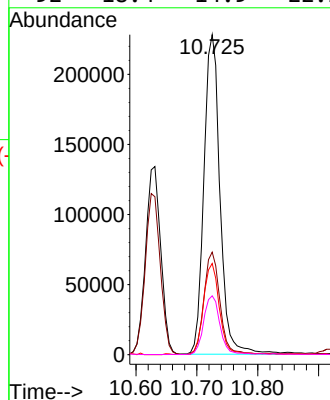
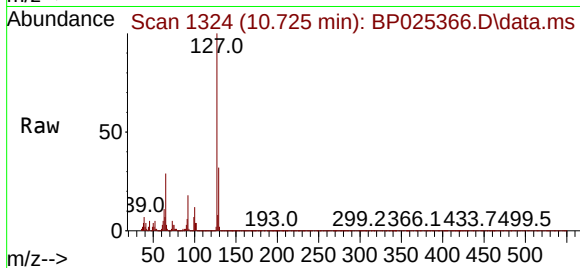
Ion Ratio Lower Upper

127 100

129 32.0 25.8 38.6

65 28.5 23.6 35.4

92 18.4 14.9 22.3



#34

Hexachlorobutadiene

Concen: 45.756 ng

RT: 10.919 min Scan# 1357

Delta R.T. 0.006 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

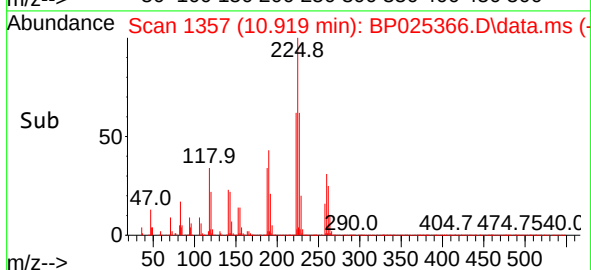
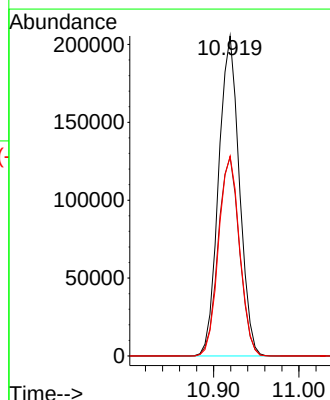
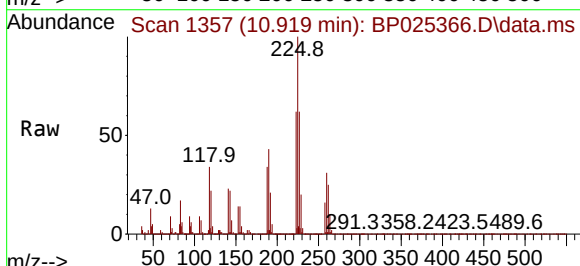
Tgt Ion:225 Resp: 346871

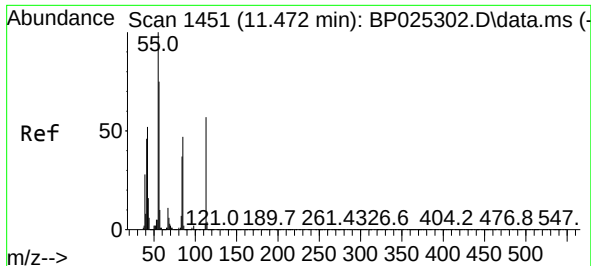
Ion Ratio Lower Upper

225 100

223 62.1 50.3 75.5

227 62.4 49.7 74.5

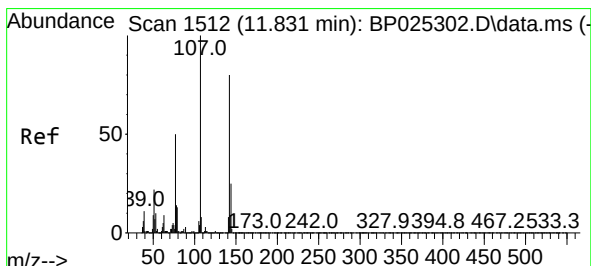
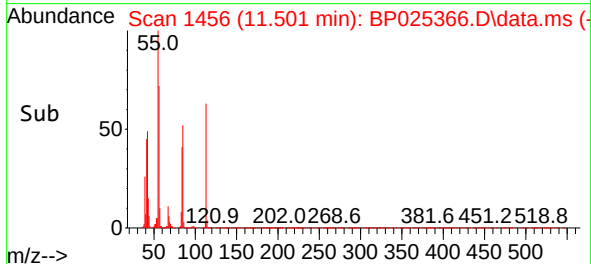
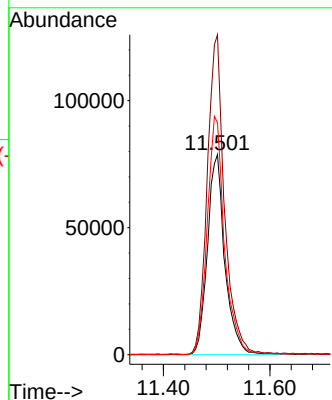
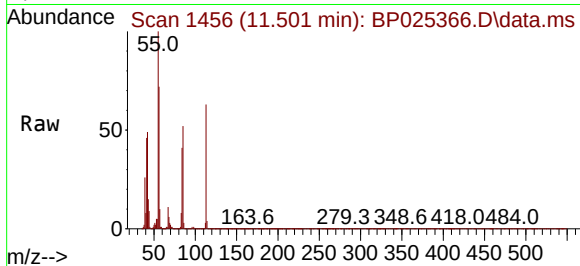




#35
Caprolactam
Concen: 38.377 ng
RT: 11.501 min Scan# 1451
Delta R.T. 0.029 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

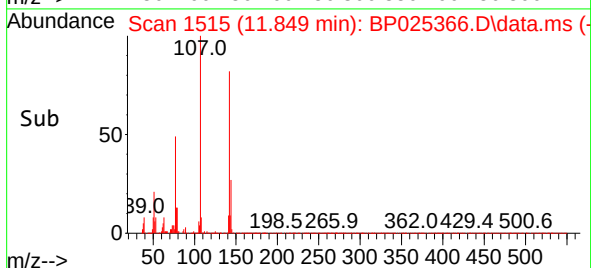
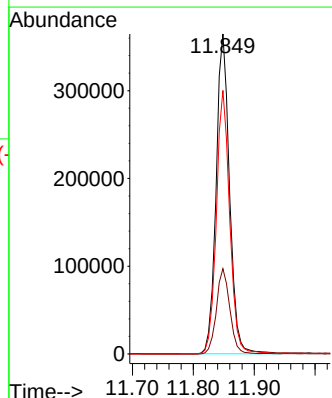
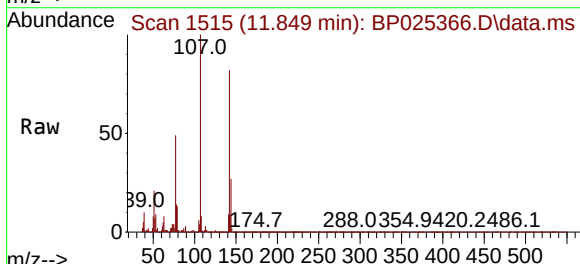
Instrument :
BNA_P
ClientSampleId :
PB169162BS

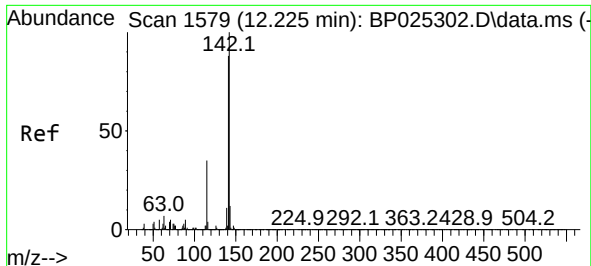
Tgt Ion:113 Resp: 178216
Ion Ratio Lower Upper
113 100
55 159.9 154.4 194.4
56 115.7 110.9 150.9



#36
4-Chloro-3-methylphenol
Concen: 40.393 ng
RT: 11.849 min Scan# 1515
Delta R.T. 0.018 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:107 Resp: 559488
Ion Ratio Lower Upper
107 100
144 26.6 20.4 30.6
142 82.4 63.7 95.5

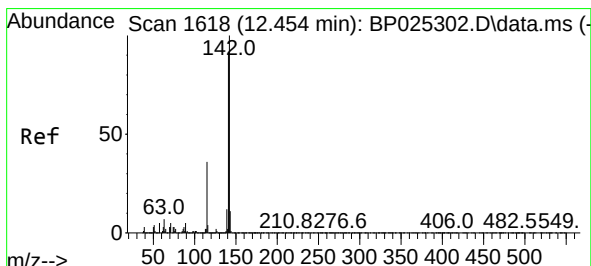
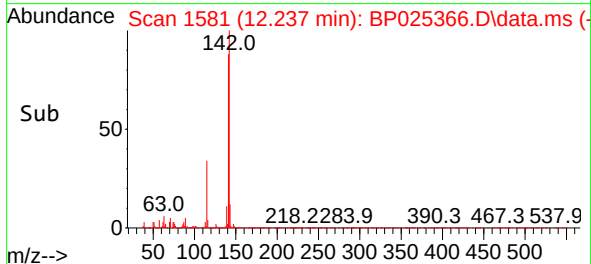
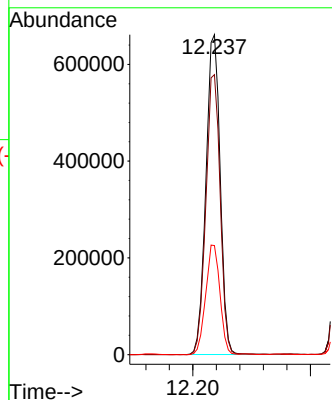
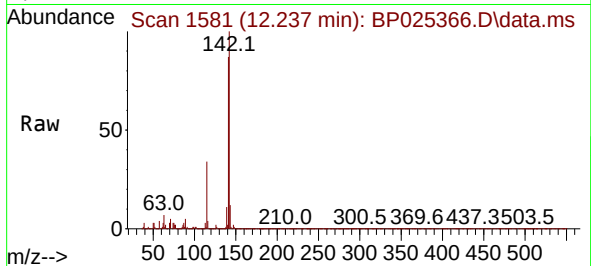




#37
2-Methylnaphthalene
Concen: 40.154 ng
RT: 12.237 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

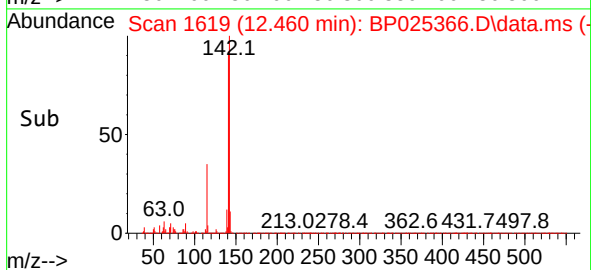
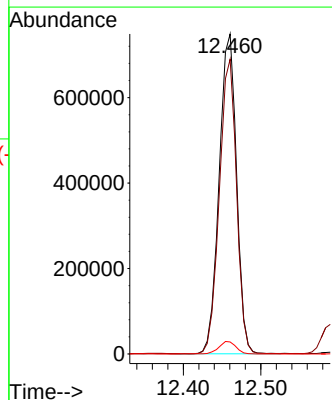
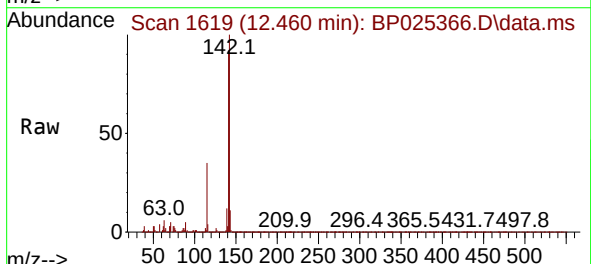
Instrument :
BNA_P
ClientSampleId :
PB169162BS

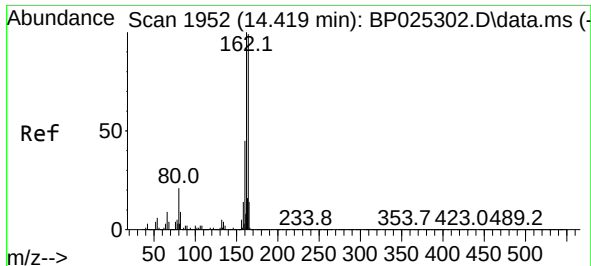
Tgt Ion:142 Resp: 1113633
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 34.1 28.0 42.0



#38
1-Methylnaphthalene
Concen: 40.378 ng
RT: 12.460 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:142 Resp: 1168481
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.6
116 3.7 3.0 4.6

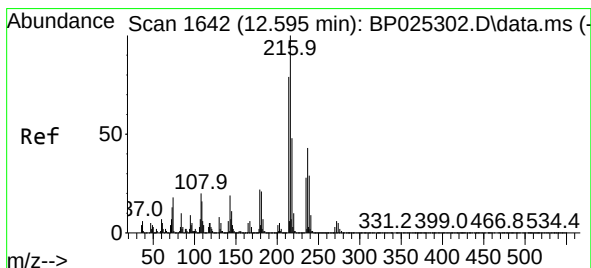
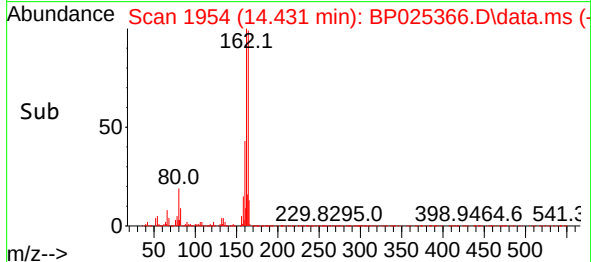
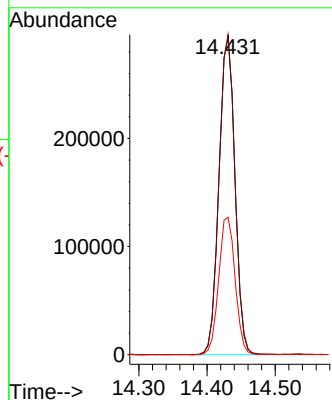
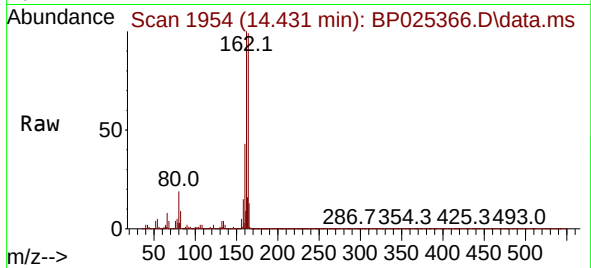




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

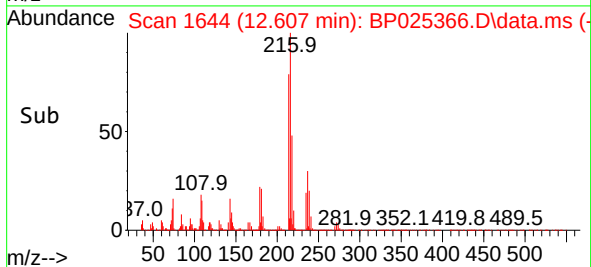
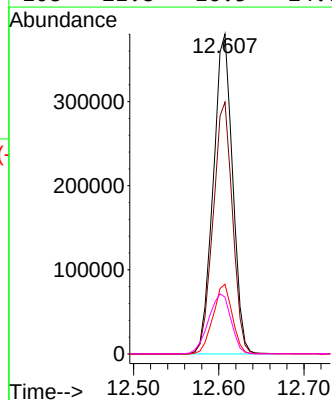
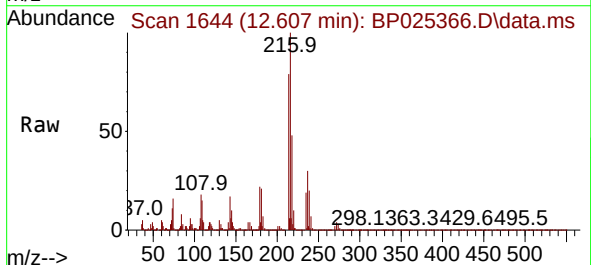
Instrument :
BNA_P
ClientSampleId :
PB169162BS

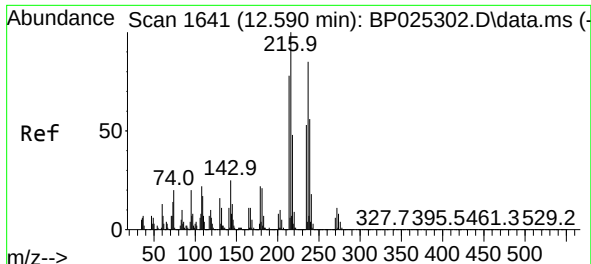
Tgt Ion:164 Resp: 479211
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 43.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.880 ng
RT: 12.607 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:216 Resp: 600260
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 21.7 17.5 26.3
108 21.8 16.5 24.7

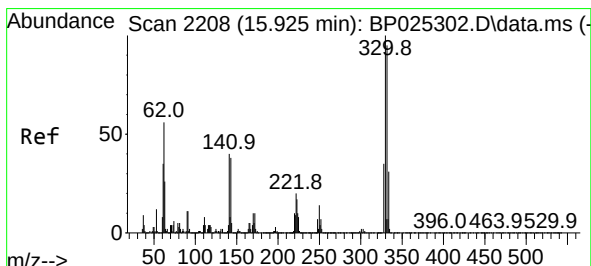
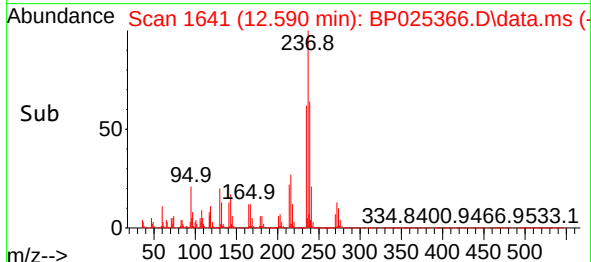
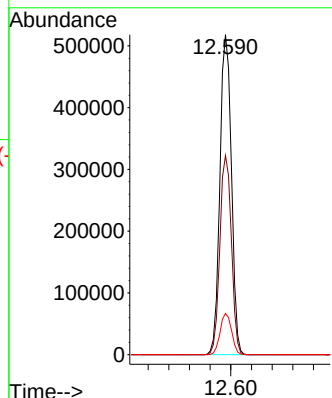
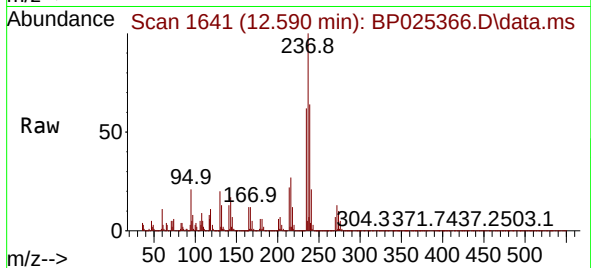




#41
Hexachlorocyclopentadiene
Concen: 98.817 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

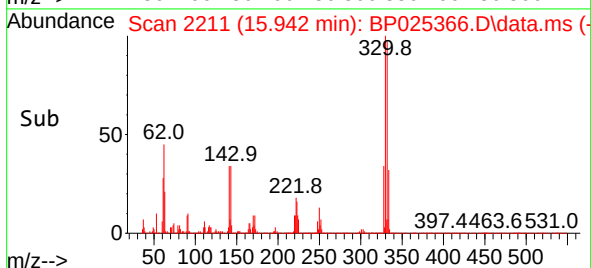
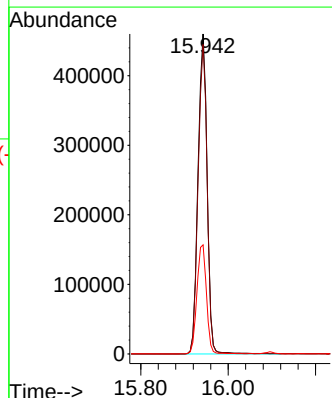
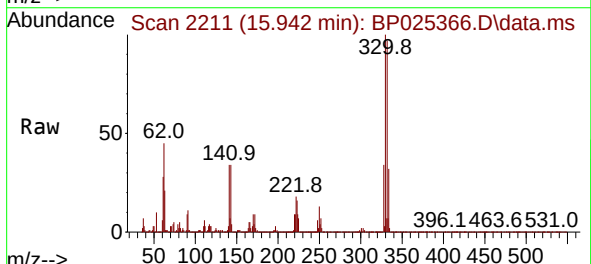
Instrument :
BNA_P
ClientSampleId :
PB169162BS

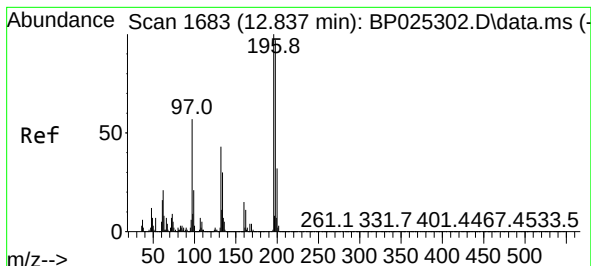
Tgt Ion:237 Resp: 797928
Ion Ratio Lower Upper
237 100
235 62.3 42.2 82.2
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 140.000 ng
RT: 15.942 min Scan# 2211
Delta R.T. 0.017 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:330 Resp: 669293
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 35.6 31.7 47.5





#43

2,4,6-Trichlorophenol

Concen: 48.726 ng

RT: 12.848 min Scan# 1685

Delta R.T. 0.011 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

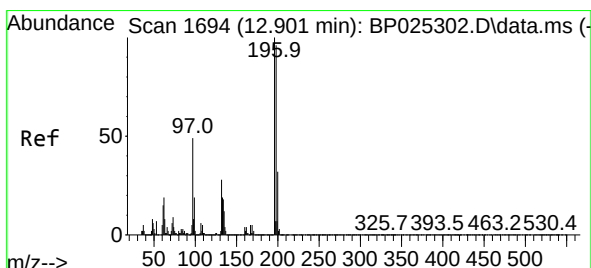
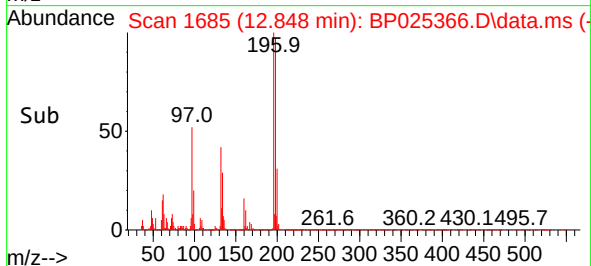
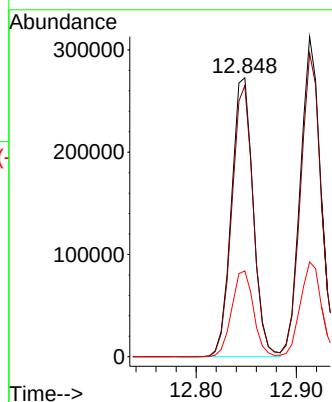
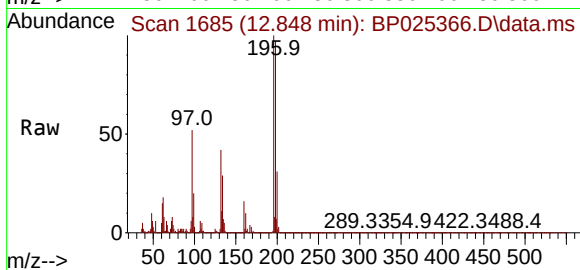
Tgt Ion:196 Resp: 411814

Ion Ratio Lower Upper

196 100

198 97.2 77.3 115.9

200 30.7 25.4 38.2



#44

2,4,5-Trichlorophenol

Concen: 47.308 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.012 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Tgt Ion:196 Resp: 448527

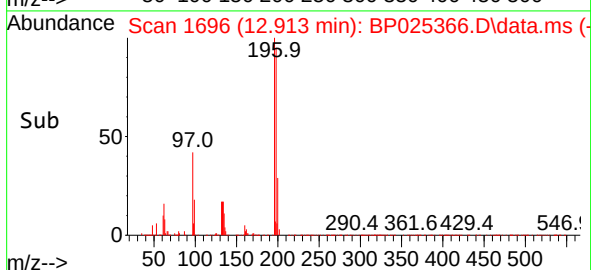
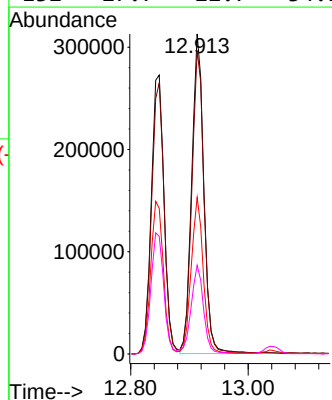
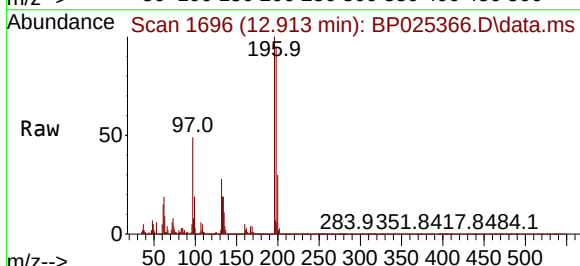
Ion Ratio Lower Upper

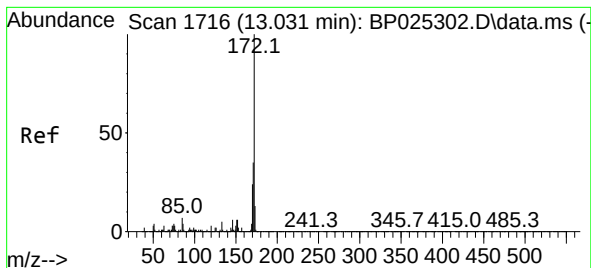
196 100

198 94.8 76.6 114.8

97 49.0 39.5 59.3

132 27.7 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 76.609 ng

RT: 13.043 min Scan# 1716

Delta R.T. 0.012 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

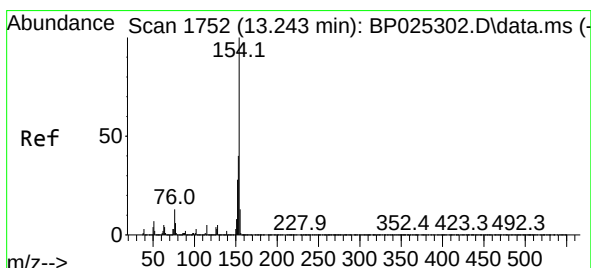
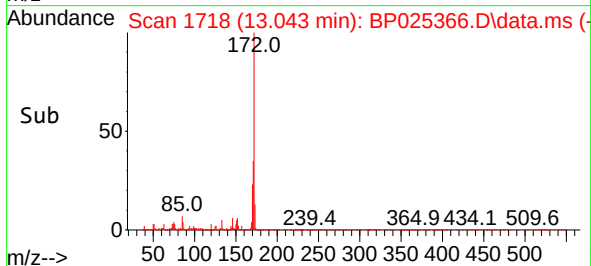
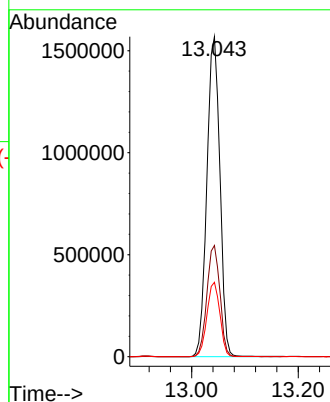
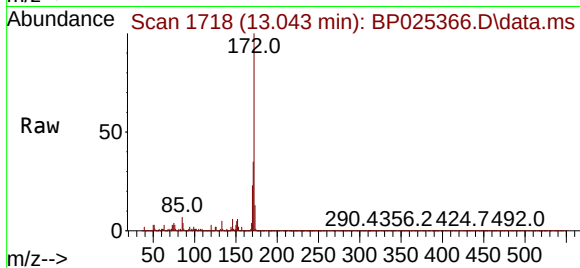
Tgt Ion:172 Resp: 2657968

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 44.310 ng

RT: 13.248 min Scan# 1753

Delta R.T. 0.005 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

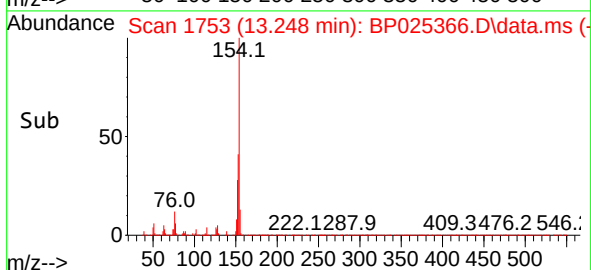
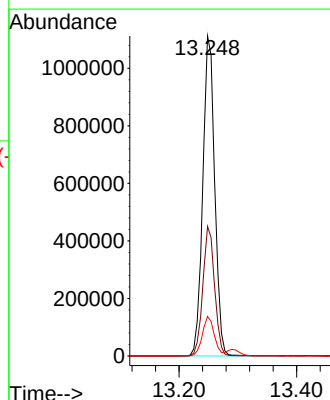
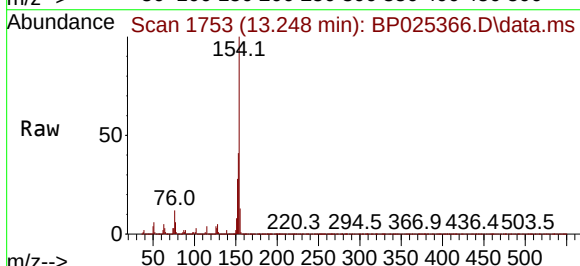
Tgt Ion:154 Resp: 1564826

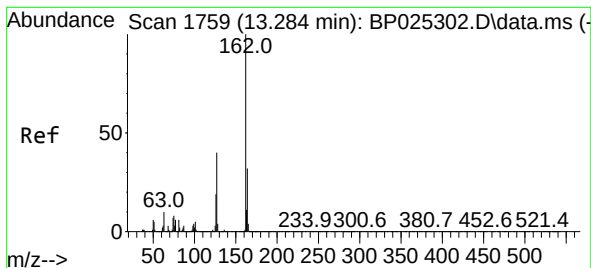
Ion Ratio Lower Upper

154 100

153 40.5 19.9 59.9

76 12.4 0.0 33.2





#47

2-Chloronaphthalene

Concen: 45.000 ng

RT: 13.290 min Scan# 1760

Delta R.T. 0.006 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

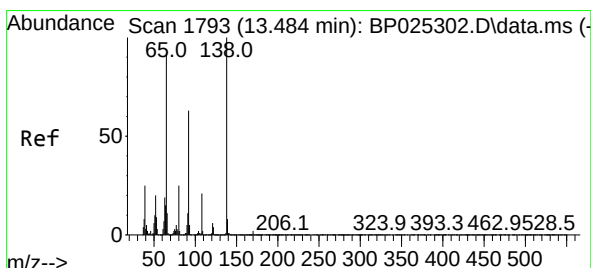
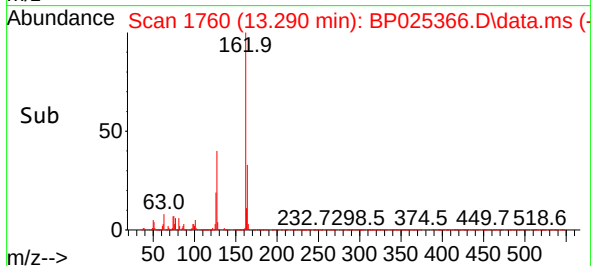
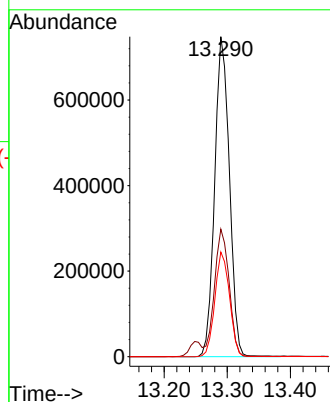
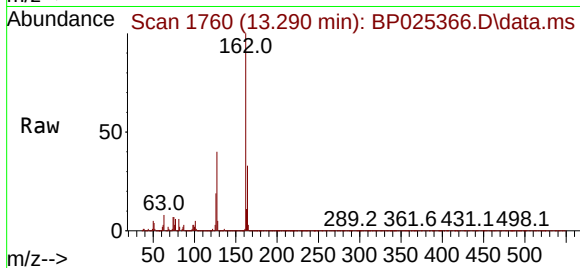
Tgt Ion:162 Resp: 1212445

Ion Ratio Lower Upper

162 100

127 39.9 32.2 48.2

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 42.980 ng

RT: 13.496 min Scan# 1795

Delta R.T. 0.011 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

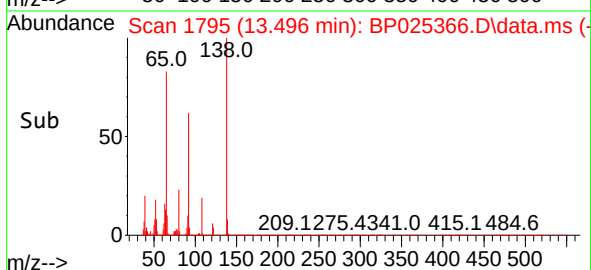
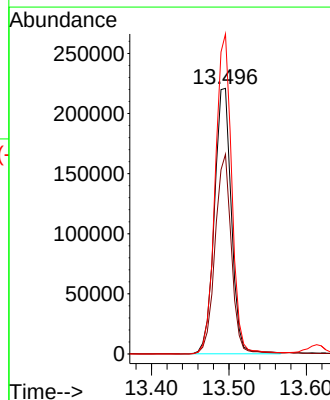
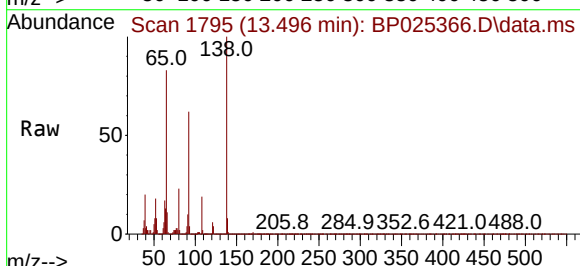
Tgt Ion: 65 Resp: 336616

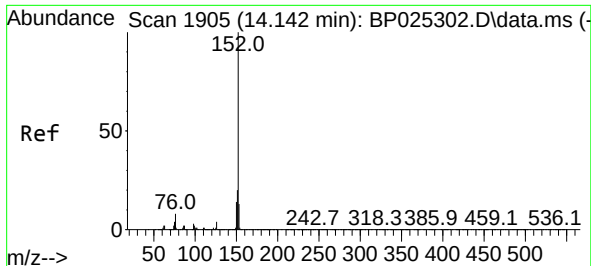
Ion Ratio Lower Upper

65 100

92 75.2 54.4 81.6

138 120.5 87.0 130.4

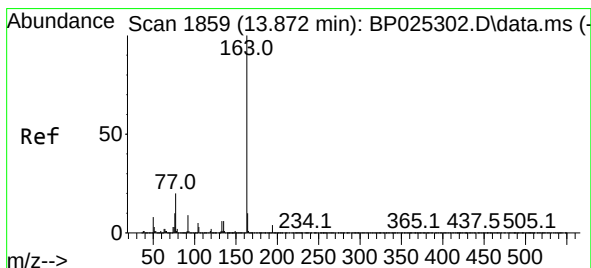
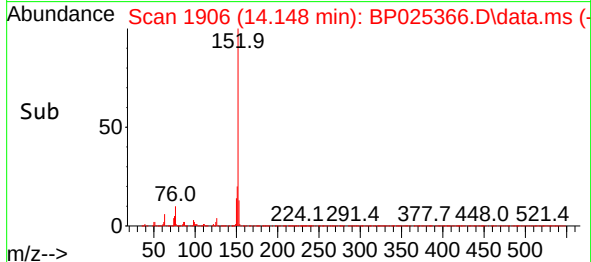
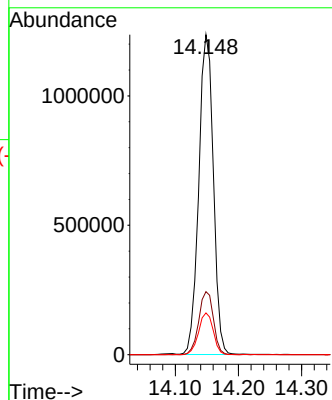
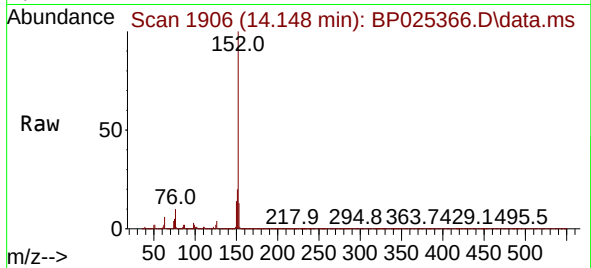




#49
Acenaphthylene
Concen: 43.987 ng
RT: 14.148 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

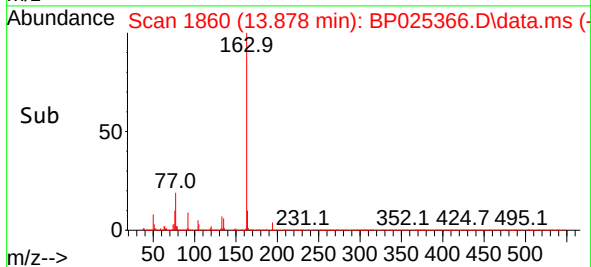
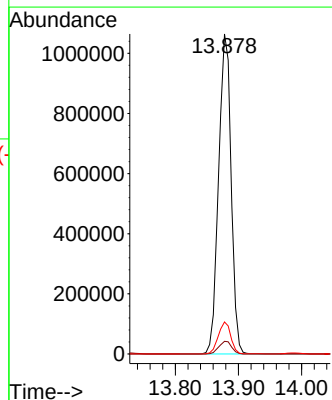
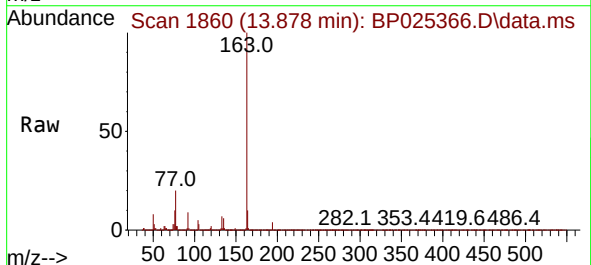
Instrument :
BNA_P
ClientSampleId :
PB169162BS

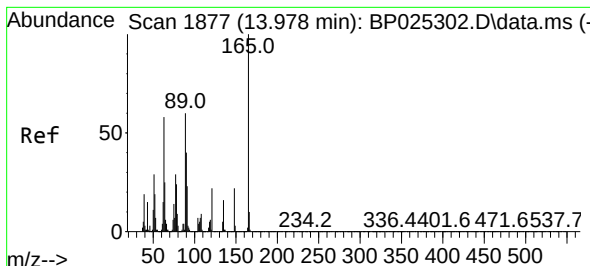
Tgt Ion:152 Resp: 1976863
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 41.847 ng
RT: 13.878 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:163 Resp: 1461886
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.0 12.0

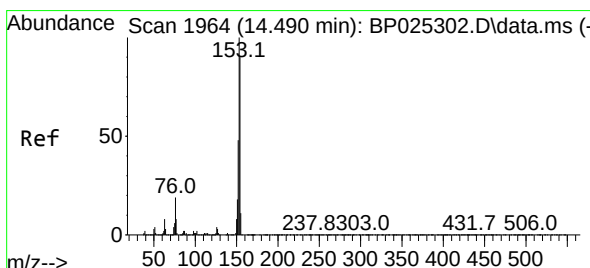
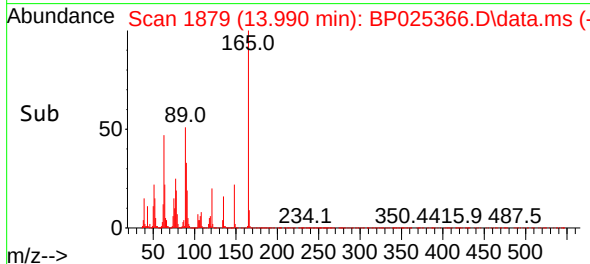
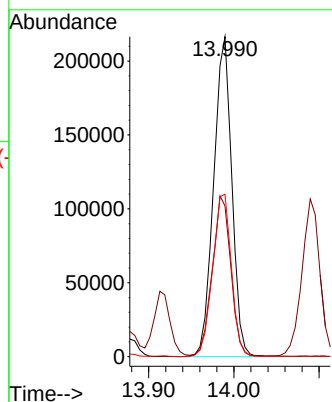
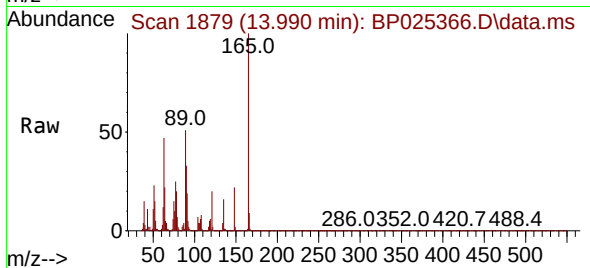




#51
2,6-Dinitrotoluene
Concen: 49.905 ng
RT: 13.990 min Scan# 1879
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

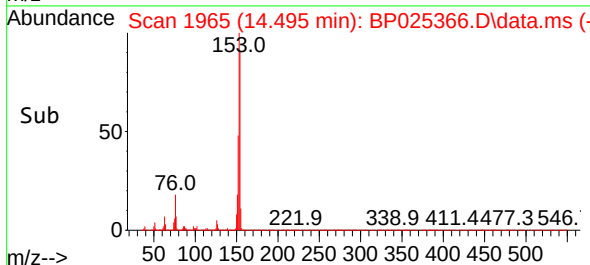
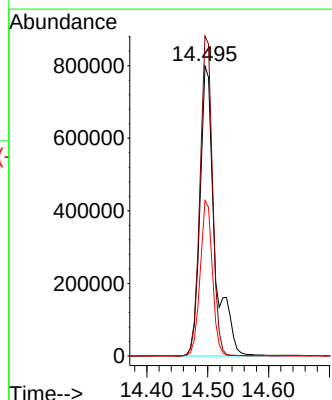
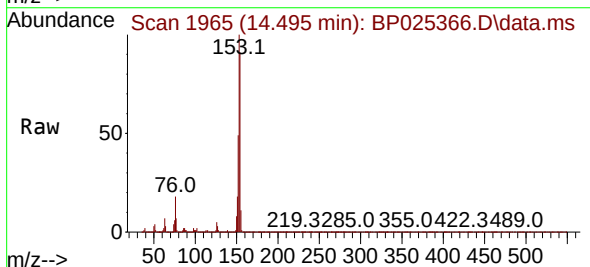
Instrument :
BNA_P
ClientSampleId :
PB169162BS

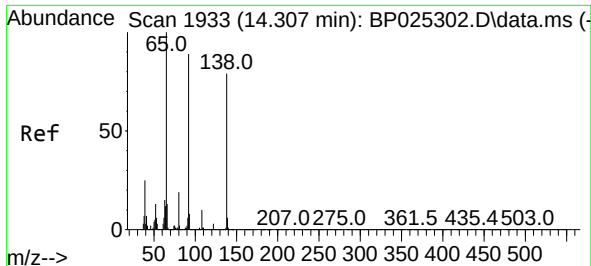
Tgt Ion:165 Resp: 321571
Ion Ratio Lower Upper
165 100
63 47.1 47.6 71.4#
89 50.8 47.8 71.8



#52
Acenaphthene
Concen: 49.153 ng
RT: 14.495 min Scan# 1965
Delta R.T. 0.005 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:154 Resp: 1347438
Ion Ratio Lower Upper
154 100
153 110.4 89.4 134.0
152 53.6 43.0 64.6

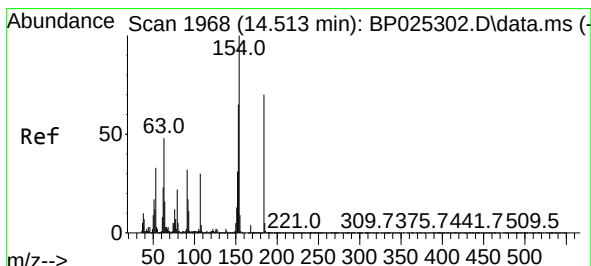
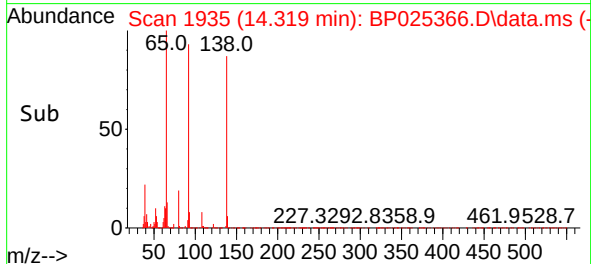
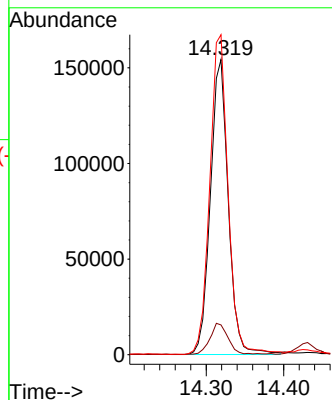
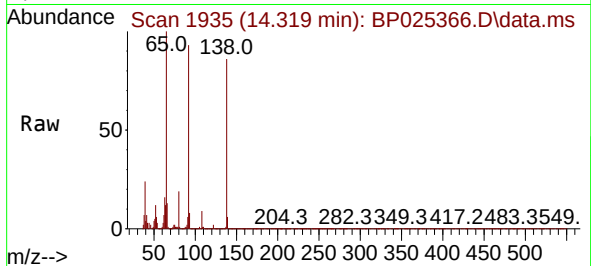




#53
3-Nitroaniline
Concen: 32.855 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

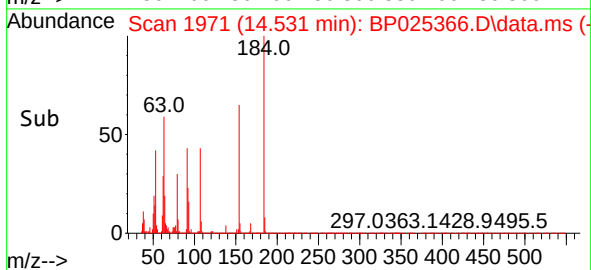
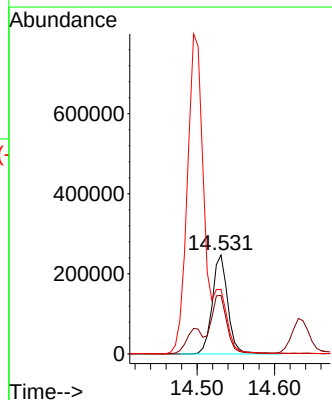
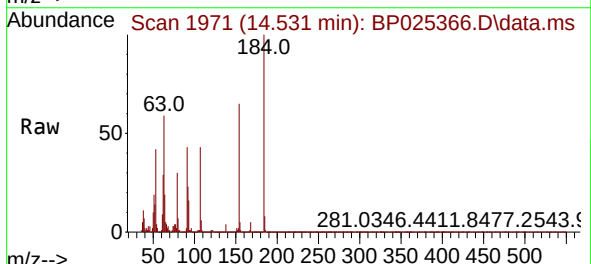
Instrument :
BNA_P
ClientSampleId :
PB169162BS

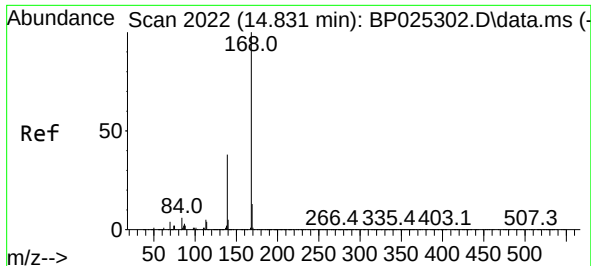
Tgt Ion:138 Resp: 247727
Ion Ratio Lower Upper
138 100
108 10.1 10.5 15.7#
92 108.4 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 89.280 ng
RT: 14.531 min Scan# 1971
Delta R.T. 0.018 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:184 Resp: 343642
Ion Ratio Lower Upper
184 100
63 59.1 56.3 84.5
154 65.4 124.5 186.7#

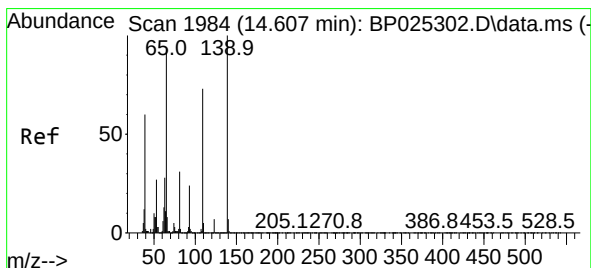
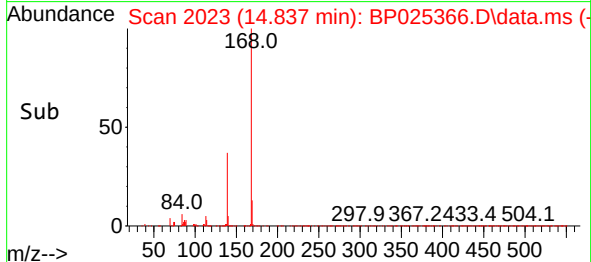
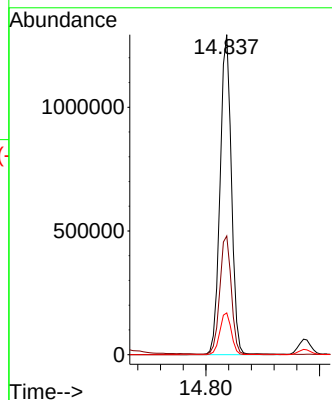
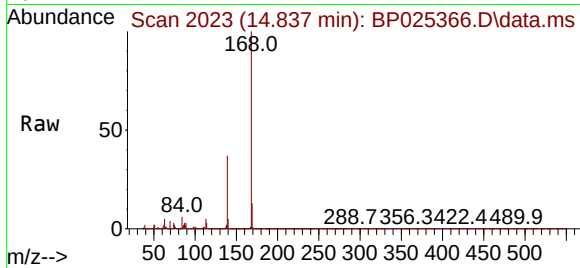




#55
Dibenzofuran
Concen: 43.609 ng
RT: 14.837 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

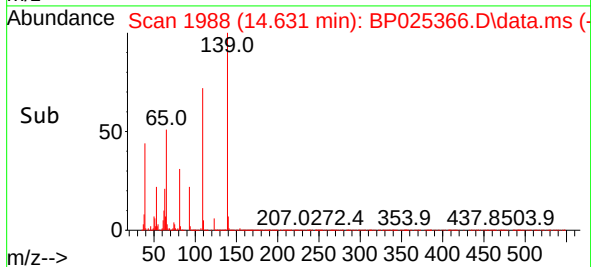
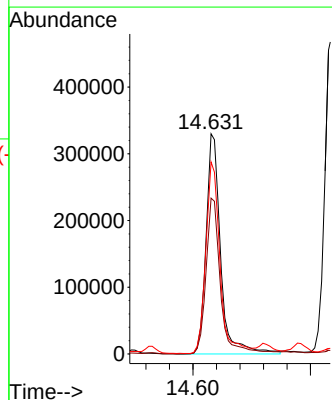
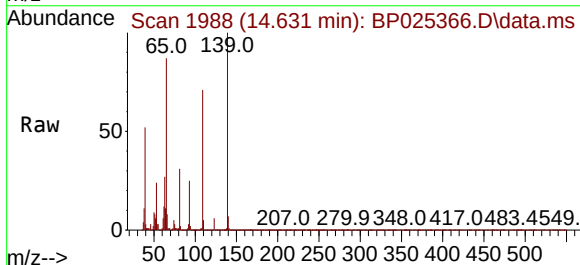
Instrument :
BNA_P
ClientSampleId :
PB169162BS

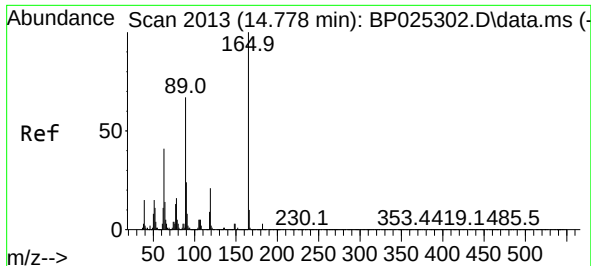
Tgt Ion:168 Resp: 1786478
Ion Ratio Lower Upper
168 100
139 37.1 30.5 45.7
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 84.870 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.024 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:139 Resp: 564767
Ion Ratio Lower Upper
139 100
109 70.8 52.7 92.7
65 87.2 73.4 113.4

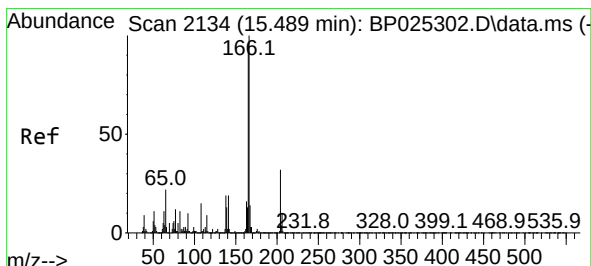
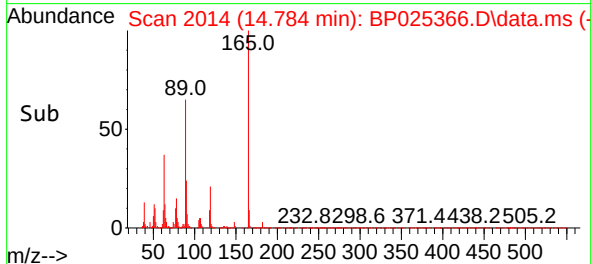
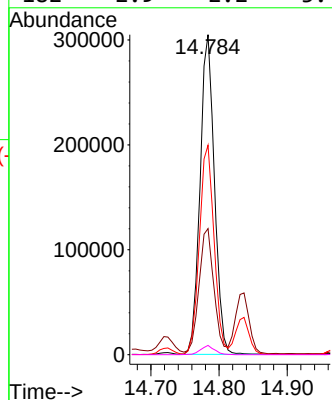
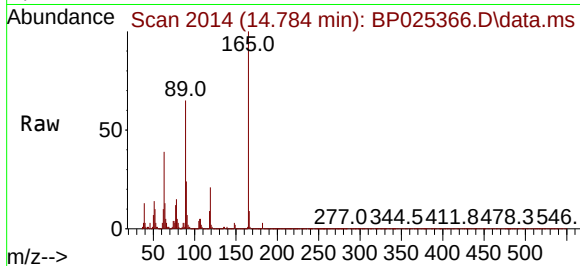




#57
2,4-Dinitrotoluene
Concen: 44.873 ng
RT: 14.784 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

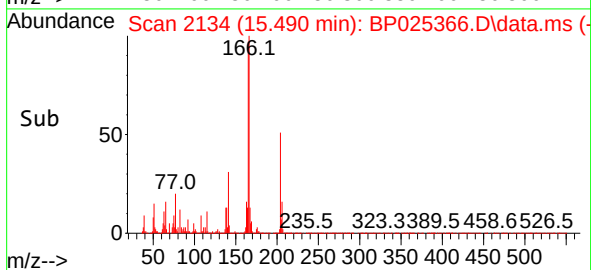
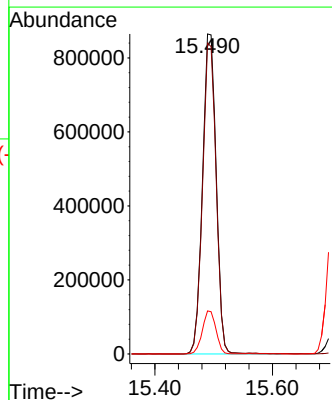
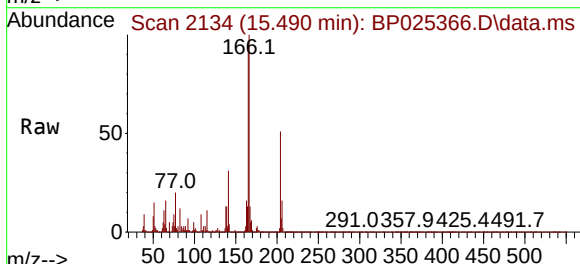
Instrument :
BNA_P
ClientSampleId :
PB169162BS

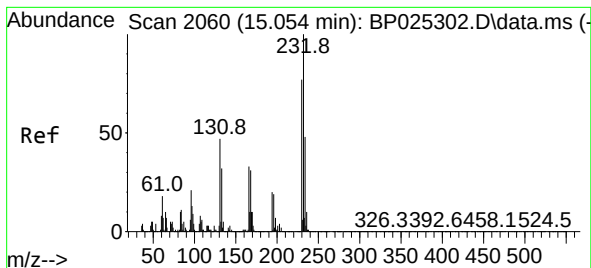
Tgt Ion:	165	Resp:	445958
Ion	Ratio	Lower	Upper
165	100		
63	39.4	33.2	49.8
89	65.4	53.5	80.3
182	2.9	2.2	3.4



#58
Fluorene
Concen: 43.356 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.001 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:	166	Resp:	1394989
Ion	Ratio	Lower	Upper
166	100		
165	97.1	76.7	115.1
167	13.5	10.9	16.3

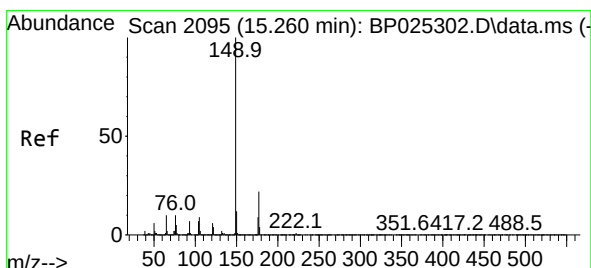
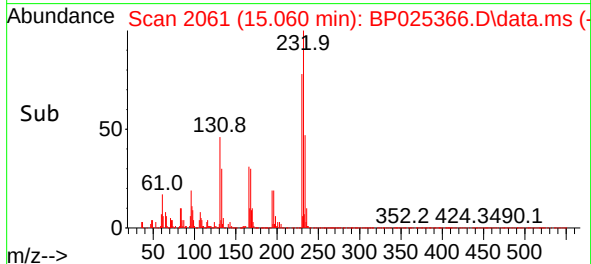
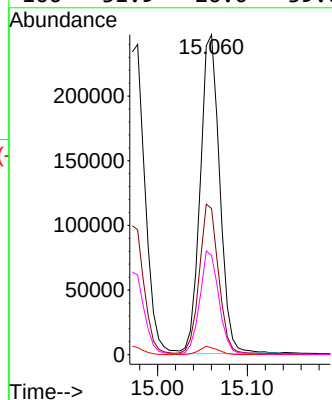
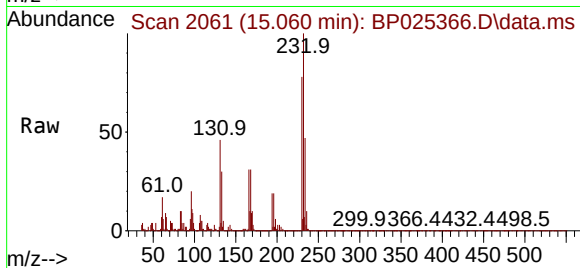




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.851 ng
RT: 15.060 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

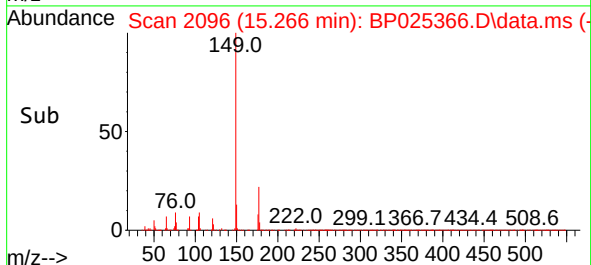
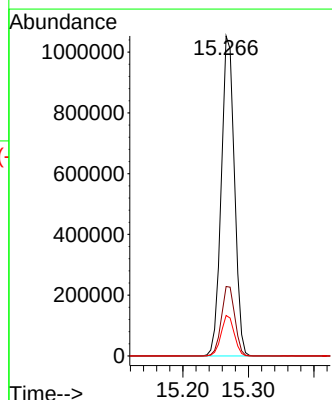
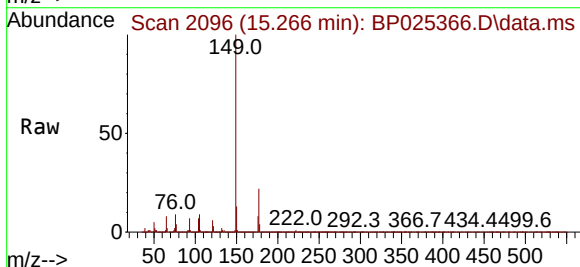
Instrument :
BNA_P
ClientSampleId :
PB169162BS

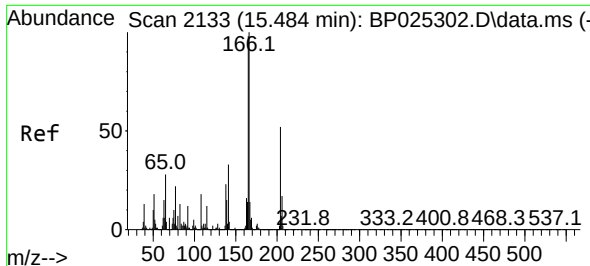
Tgt Ion:232 Resp: 371046
Ion Ratio Lower Upper
232 100
131 47.1 39.3 58.9
130 2.6 2.2 3.2
166 31.9 26.0 39.0



#60
Diethylphthalate
Concen: 41.511 ng
RT: 15.266 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:149 Resp: 1461997
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.6 9.8 14.8

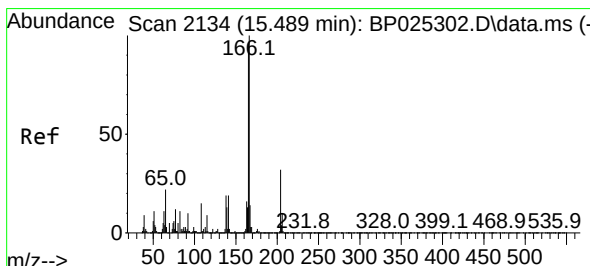
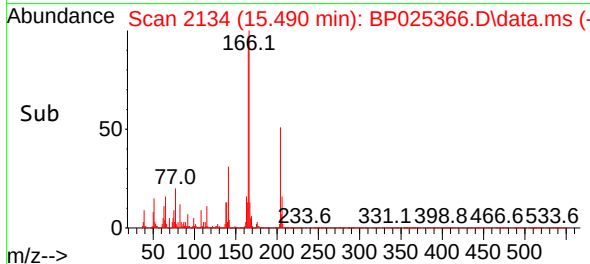
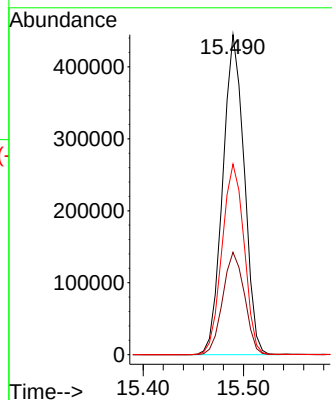
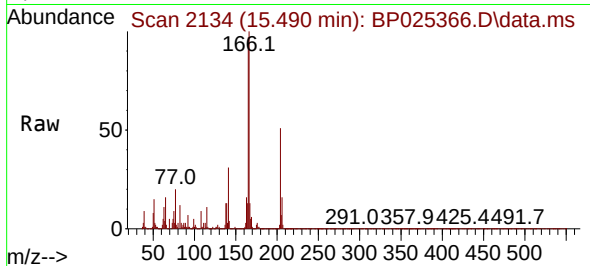




#61
4-Chlorophenyl-phenylether
Concen: 43.336 ng
RT: 15.490 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

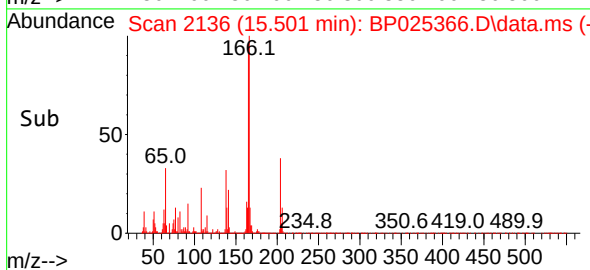
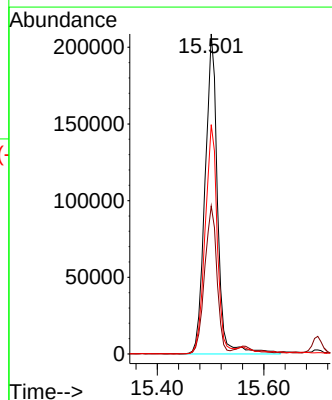
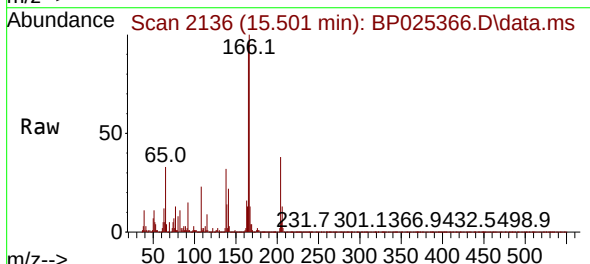
Instrument :
BNA_P
ClientSampleId :
PB169162BS

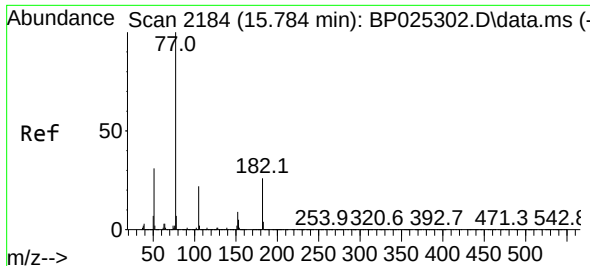
Tgt Ion:204 Resp: 661022
Ion Ratio Lower Upper
204 100
206 32.0 27.0 40.4
141 59.6 50.3 75.5



#62
4-Nitroaniline
Concen: 45.575 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:138 Resp: 340496
Ion Ratio Lower Upper
138 100
92 46.3 29.8 69.8
108 71.7 56.6 96.6



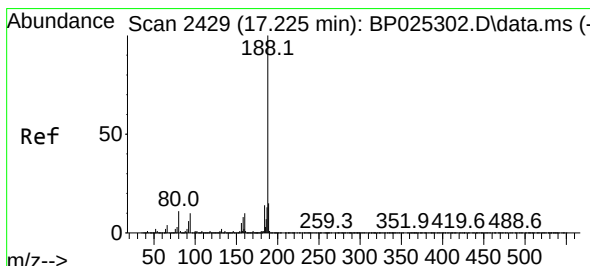
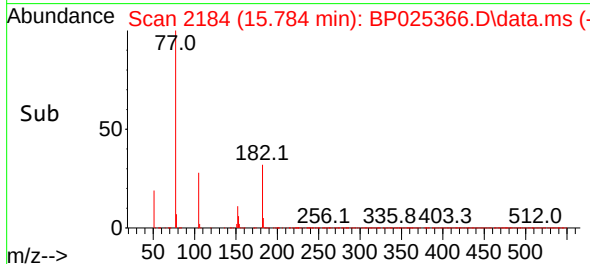
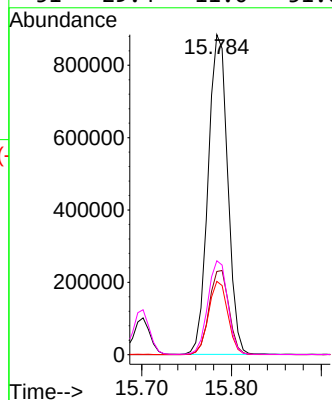
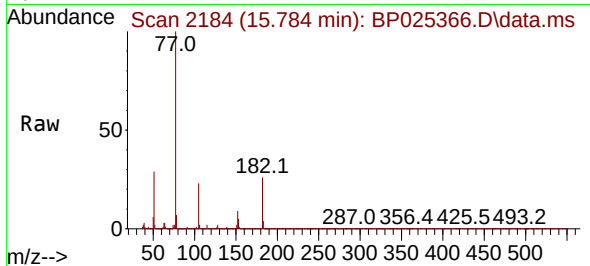


#63
Azobenzene
Concen: 40.872 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Instrument :
BNA_P
ClientSampleId :
PB169162BS

Tgt Ion: 77 Resp: 1337287

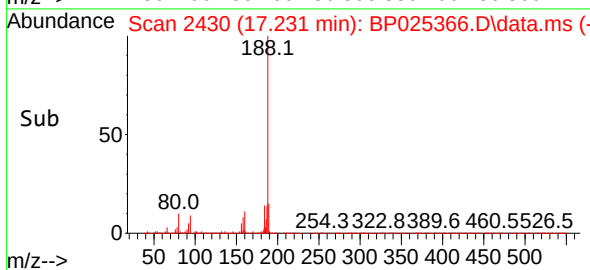
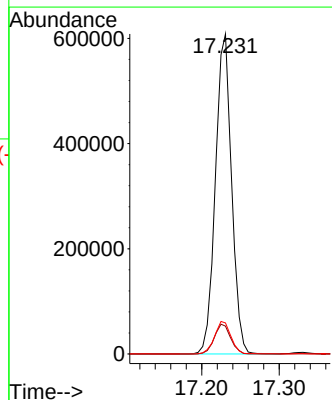
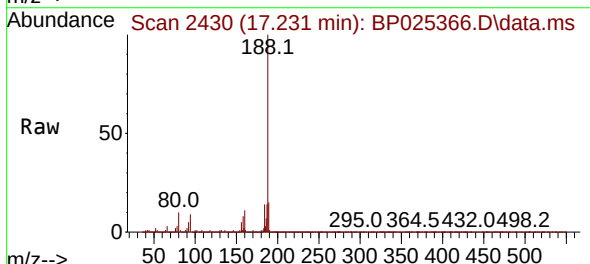
Ion	Ratio	Lower	Upper
77	100		
182	26.0	6.0	46.0
105	22.9	2.1	42.1
51	29.4	11.0	51.0

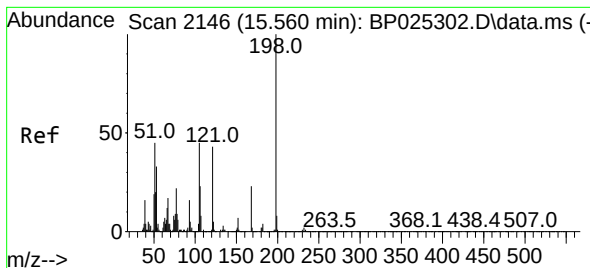


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.231 min Scan# 2430
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion: 188 Resp: 879995

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.7	8.5	12.7

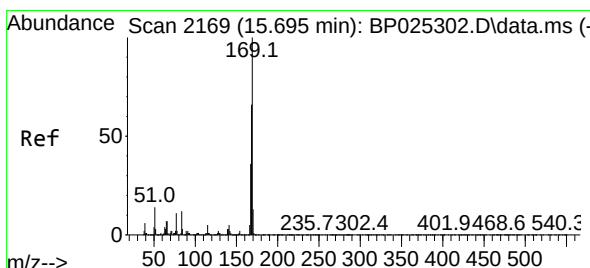
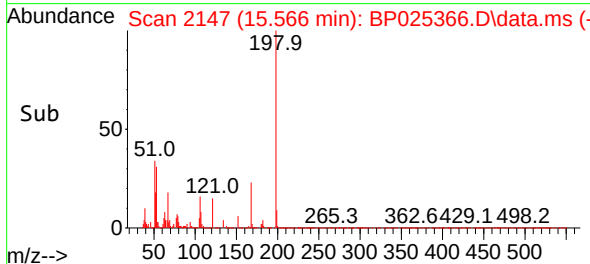
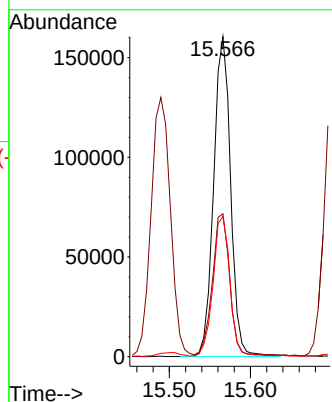
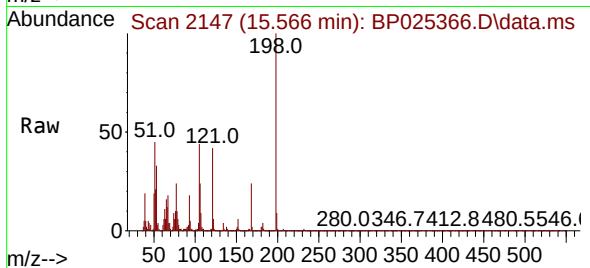




#65
4,6-Dinitro-2-methylphenol
Concen: 56.162 ng
RT: 15.566 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

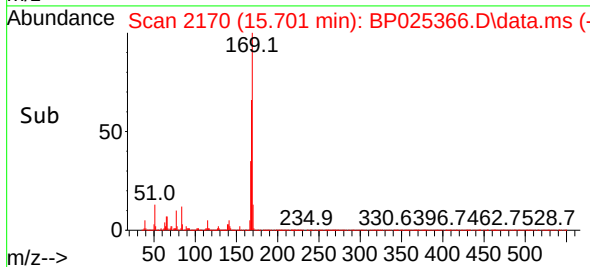
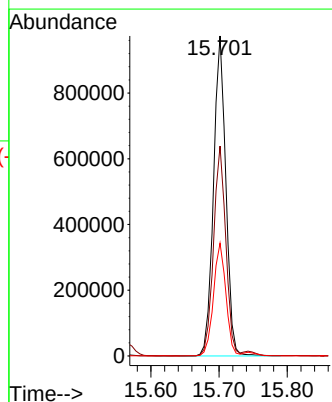
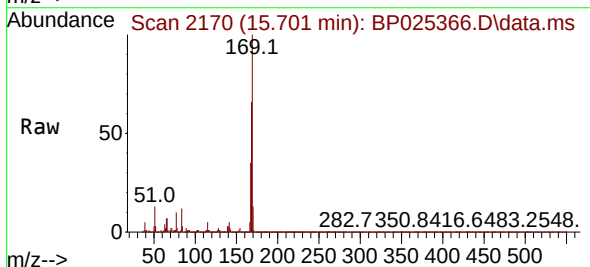
Instrument :
BNA_P
ClientSampleId :
PB169162BS

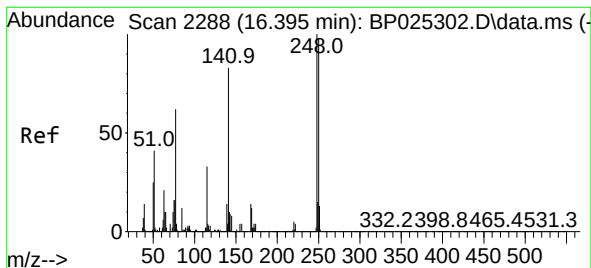
Tgt Ion:198 Resp: 232943
Ion Ratio Lower Upper
198 100
51 44.7 26.7 66.7
105 43.8 25.6 65.6



#66
n-Nitrosodiphenylamine
Concen: 45.750 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:169 Resp: 1225849
Ion Ratio Lower Upper
169 100
168 65.6 52.8 79.2
167 35.2 28.5 42.7

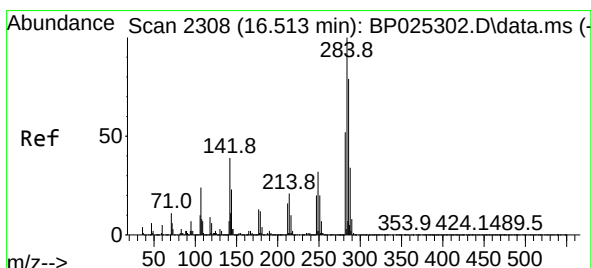
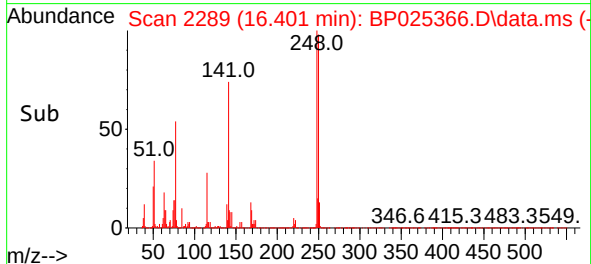
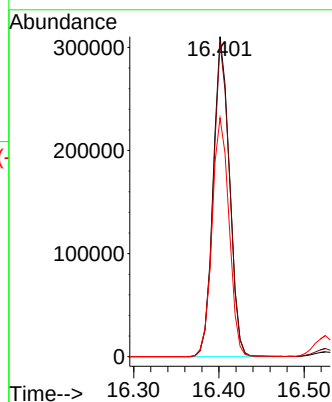
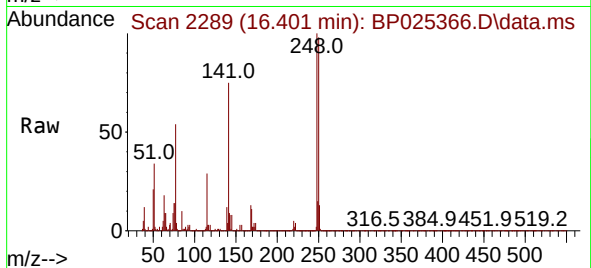




#67
4-Bromophenyl-phenylether
Concen: 46.621 ng
RT: 16.401 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

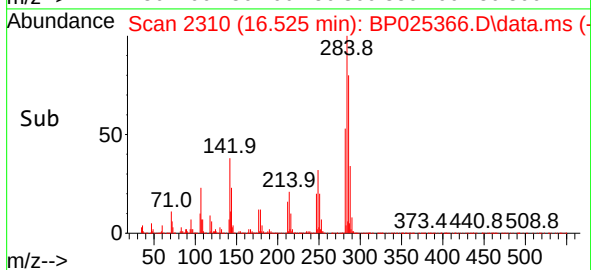
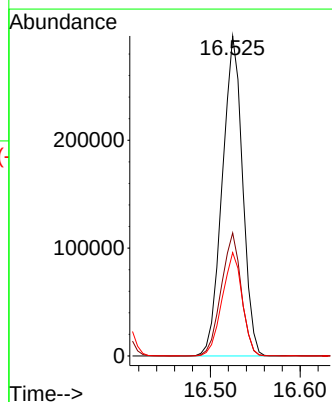
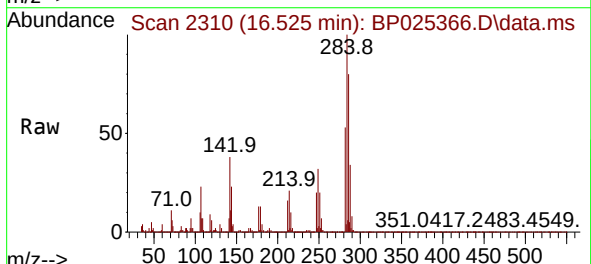
Instrument :
BNA_P
ClientSampleId :
PB169162BS

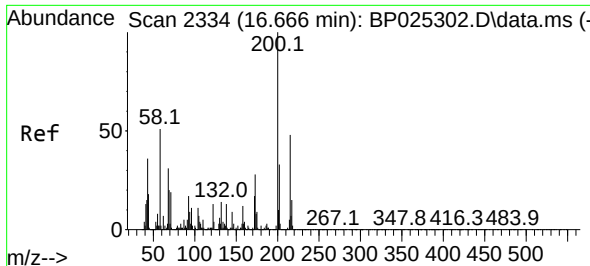
Tgt Ion:248 Resp: 412799
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 74.7 66.6 99.8



#68
Hexachlorobenzene
Concen: 46.869 ng
RT: 16.525 min Scan# 2310
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:284 Resp: 465650
Ion Ratio Lower Upper
284 100
142 38.5 30.8 46.2
249 32.3 25.4 38.0

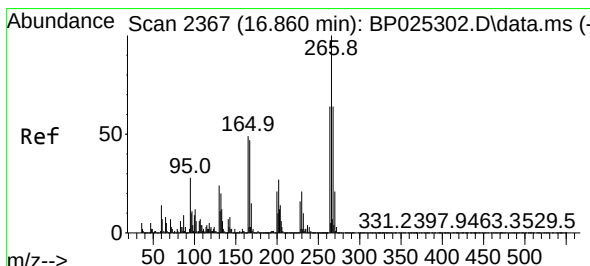
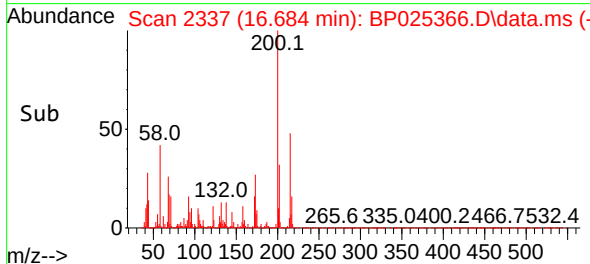
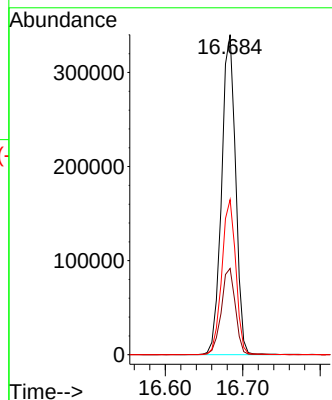
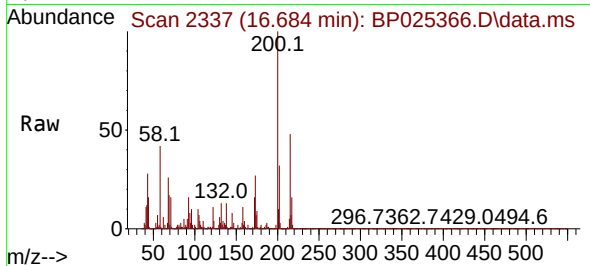




#69
 Atrazine
 Concen: 45.337 ng
 RT: 16.684 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP025366.D
 Acq: 12 Aug 2025 14:17

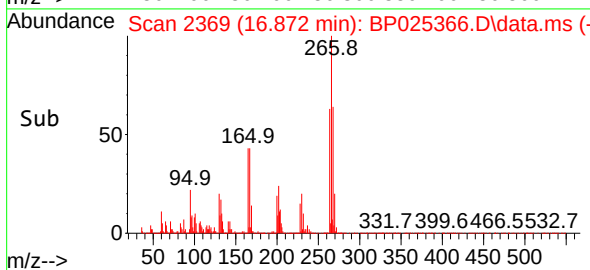
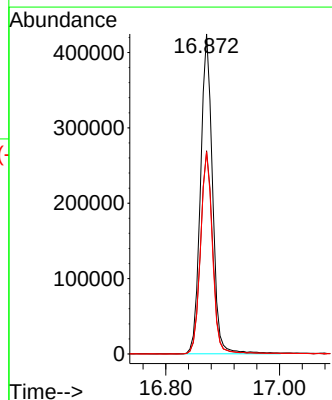
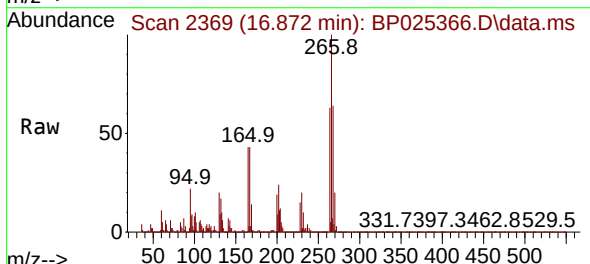
Instrument :
 BNA_P
 ClientSampleId :
 PB169162BS

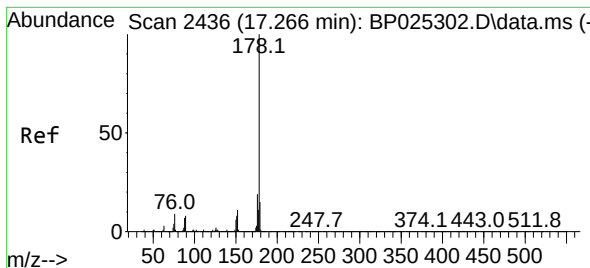
Tgt Ion:200 Resp: 427205
 Ion Ratio Lower Upper
 200 100
 173 26.9 8.2 48.2
 215 48.5 28.1 68.1



#70
 Pentachlorophenol
 Concen: 98.610 ng
 RT: 16.872 min Scan# 2369
 Delta R.T. 0.012 min
 Lab File: BP025366.D
 Acq: 12 Aug 2025 14:17

Tgt Ion:266 Resp: 624169
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.4 77.0
 264 63.1 51.1 76.7





#71

Phenanthrene

Concen: 45.290 ng

RT: 17.272 min Scan# 2436

Delta R.T. 0.006 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

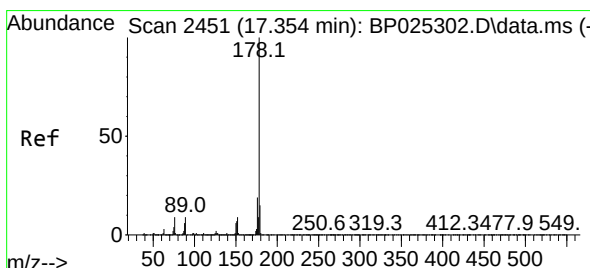
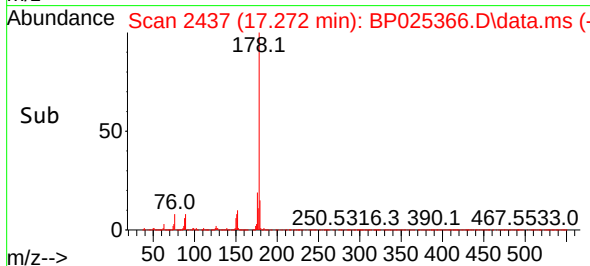
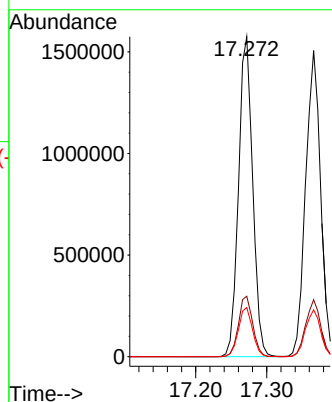
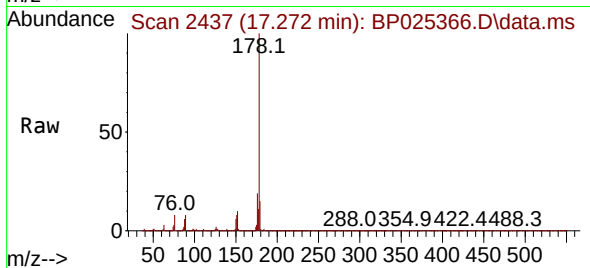
Tgt Ion:178 Resp: 2182885

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.4 12.1 18.1



#72

Anthracene

Concen: 45.269 ng

RT: 17.366 min Scan# 2453

Delta R.T. 0.012 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

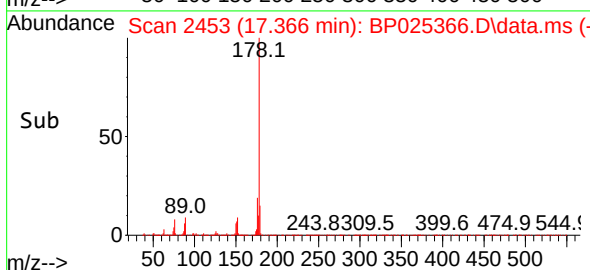
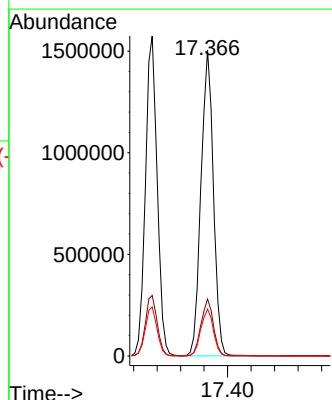
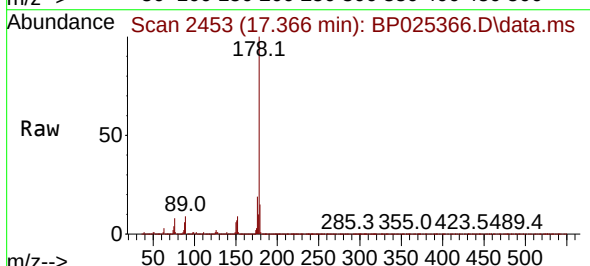
Tgt Ion:178 Resp: 2200007

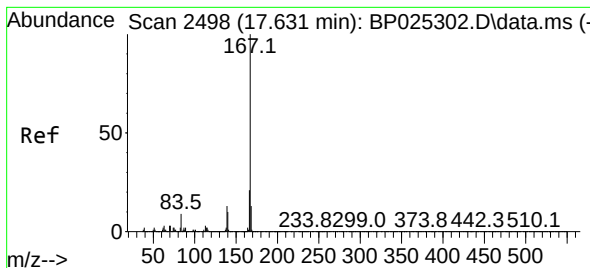
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.3 12.3 18.5





#73

Carbazole

Concen: 43.992 ng

RT: 17.636 min Scan# 2499

Delta R.T. 0.005 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

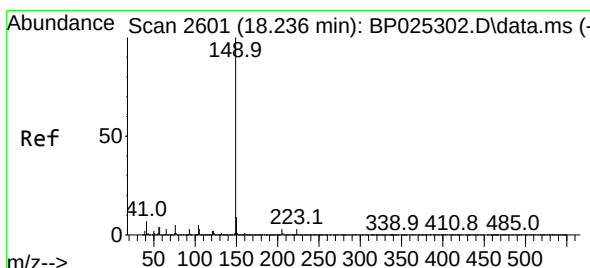
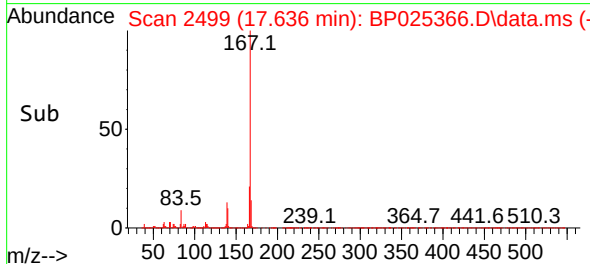
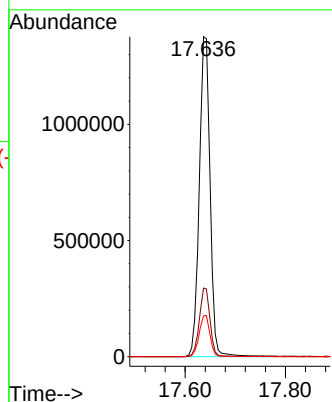
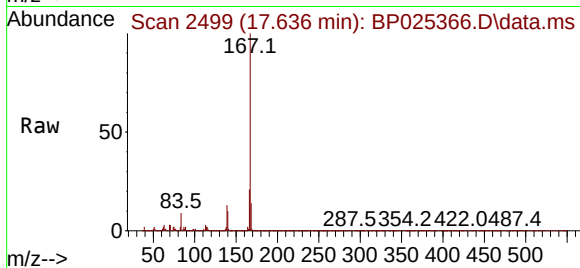
BNA_P

ClientSampleId :

PB169162BS

Tgt Ion:167 Resp: 2052238

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.8	10.6	16.0



#74

Di-n-butylphthalate

Concen: 44.711 ng

RT: 18.236 min Scan# 2601

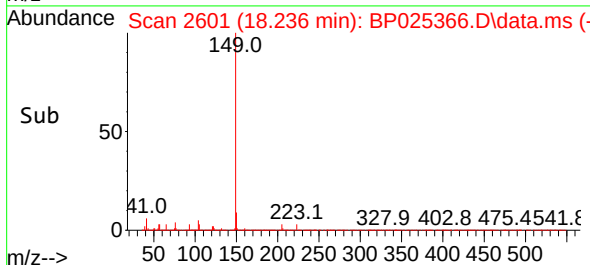
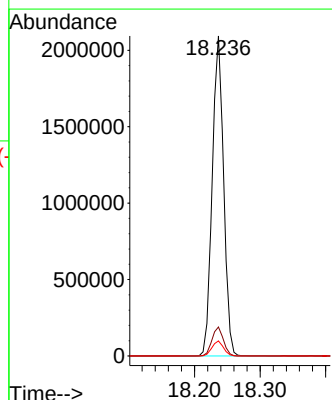
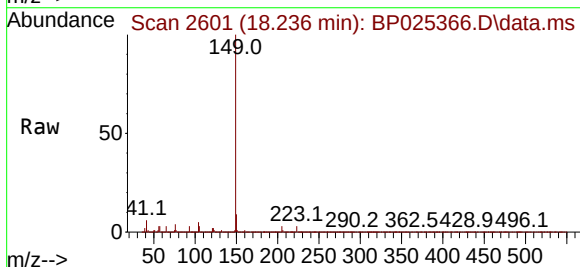
Delta R.T. 0.000 min

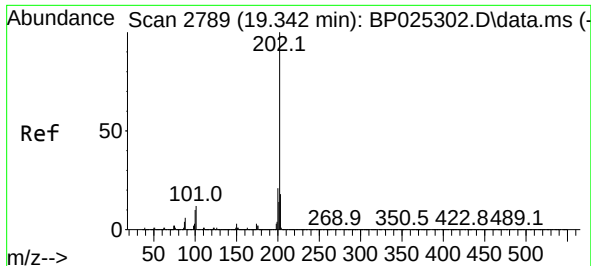
Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Tgt Ion:149 Resp: 2523371

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.7	4.1	6.1

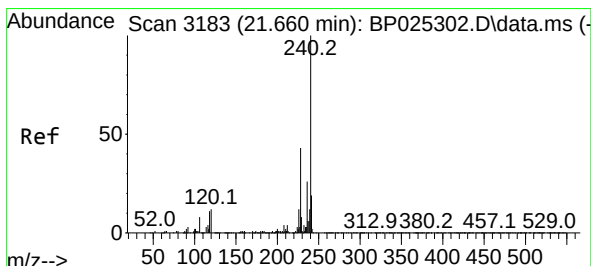
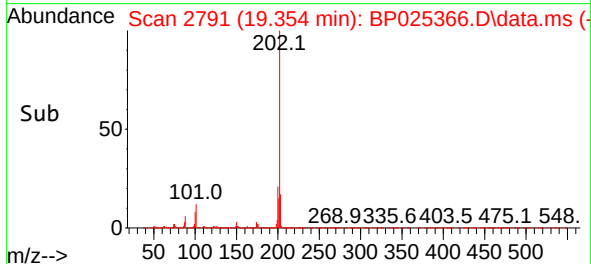
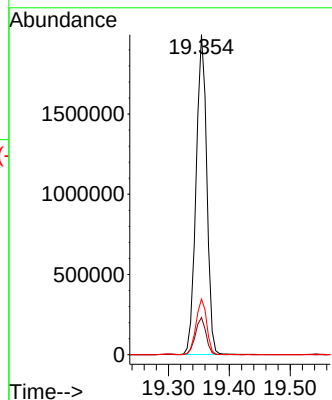
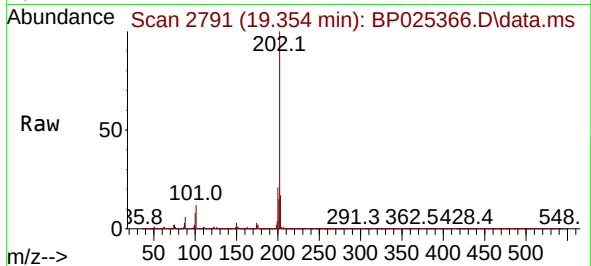




#75
Fluoranthene
Concen: 43.652 ng
RT: 19.354 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

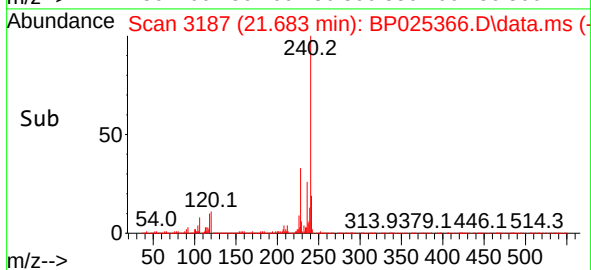
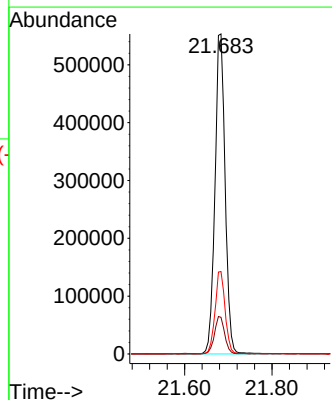
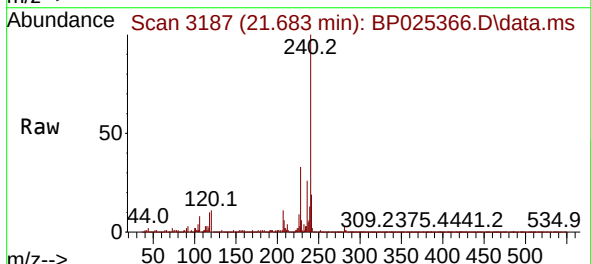
Instrument :
BNA_P
ClientSampleId :
PB169162BS

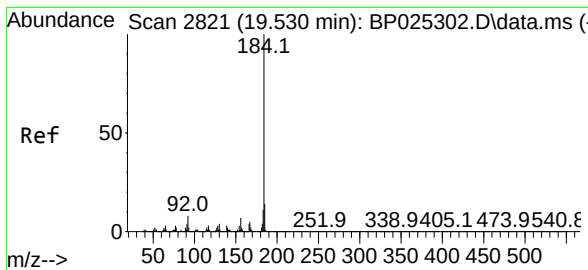
Tgt Ion:202 Resp: 2435585
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.5
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.683 min Scan# 3187
Delta R.T. 0.023 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:240 Resp: 895622
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 25.8 20.4 30.6





#77

Benzidine

Concen: 29.625 ng

RT: 19.542 min Scan# 2821

Delta R.T. 0.012 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

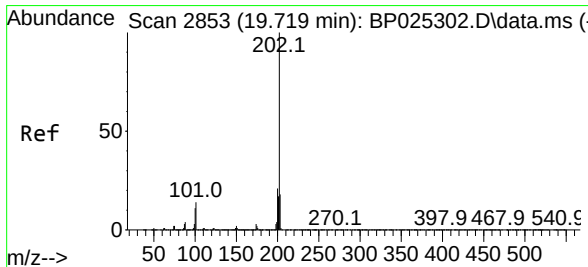
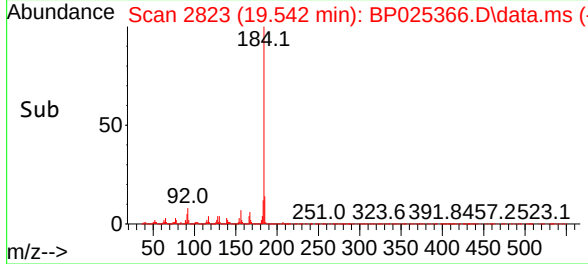
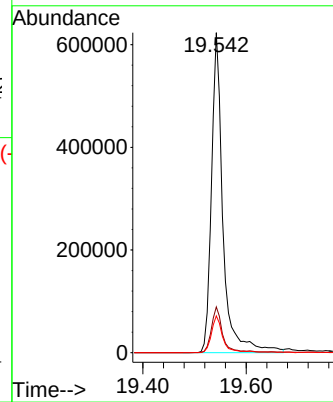
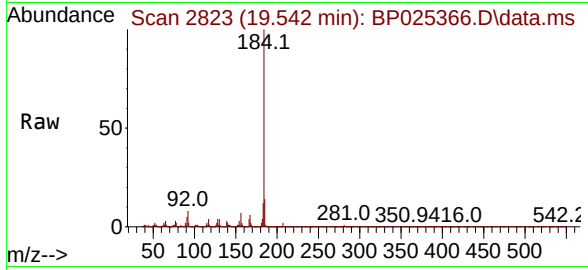
Tgt Ion:184 Resp: 960340

Ion Ratio Lower Upper

184 100

185 14.3 11.0 16.6

183 11.5 9.2 13.8



#78

Pyrene

Concen: 42.658 ng

RT: 19.730 min Scan# 2855

Delta R.T. 0.011 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

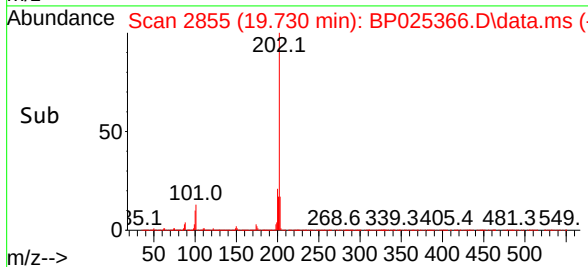
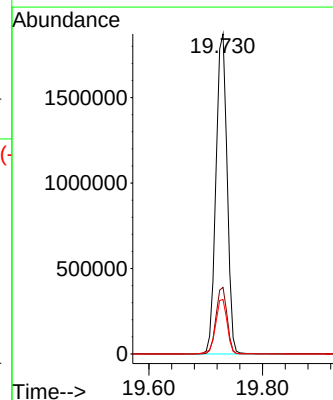
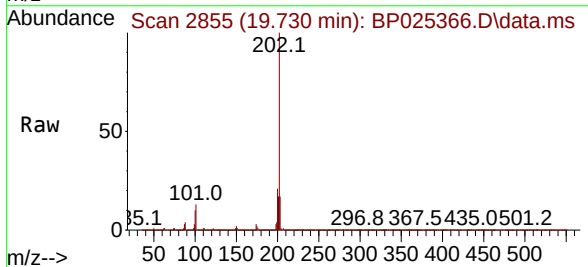
Tgt Ion:202 Resp: 2540570

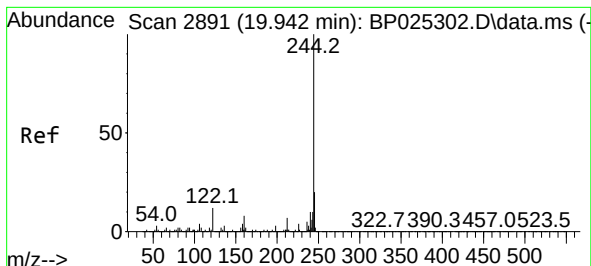
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.0 14.1 21.1





#79

Terphenyl-d14

Concen: 74.904 ng

RT: 19.948 min Scan# 2891

Delta R.T. 0.006 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

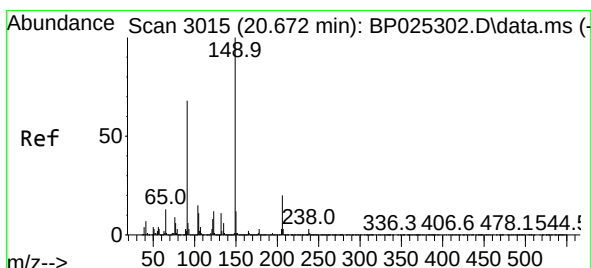
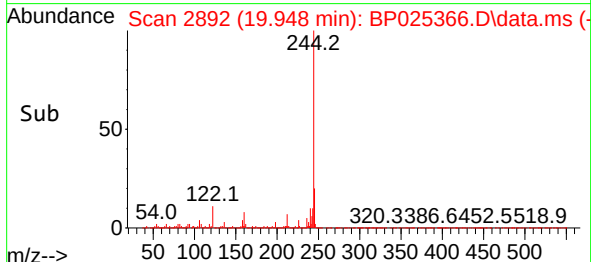
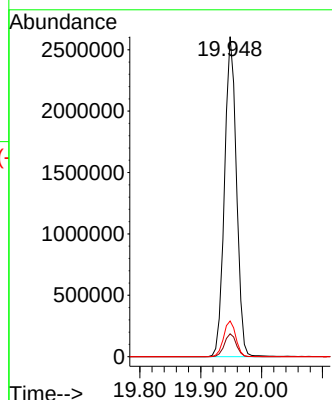
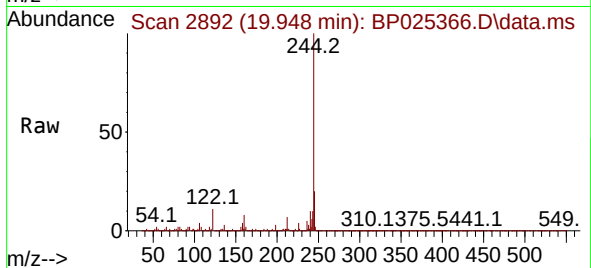
Tgt Ion:244 Resp: 3551775

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.2 9.5 14.3



#80

Butylbenzylphthalate

Concen: 48.937 ng

RT: 20.683 min Scan# 3017

Delta R.T. 0.011 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

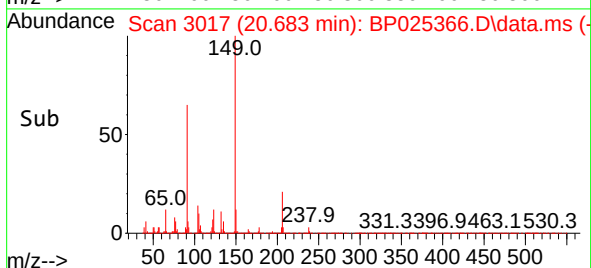
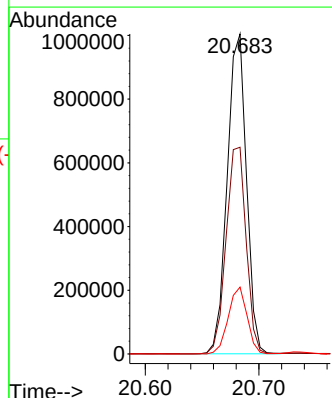
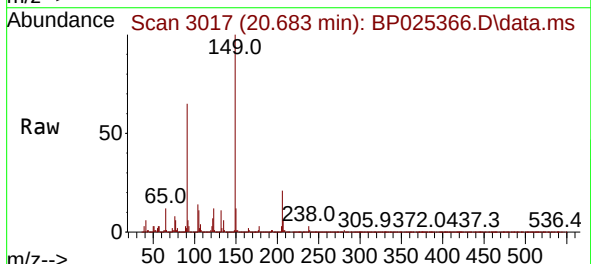
Tgt Ion:149 Resp: 1182022

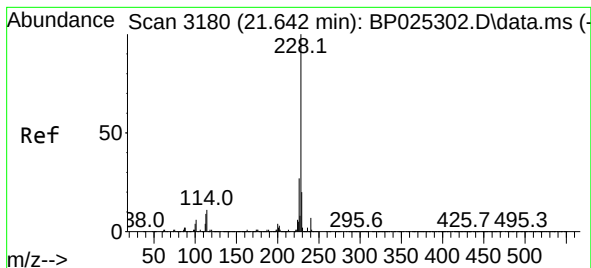
Ion Ratio Lower Upper

149 100

91 64.6 54.7 82.1

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.666 ng

RT: 21.660 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

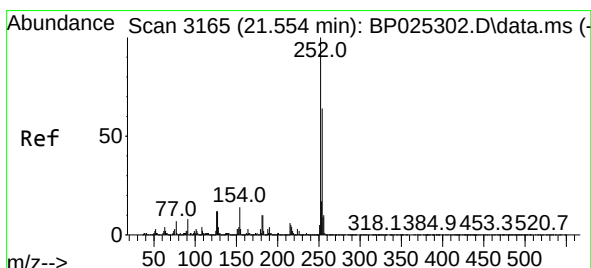
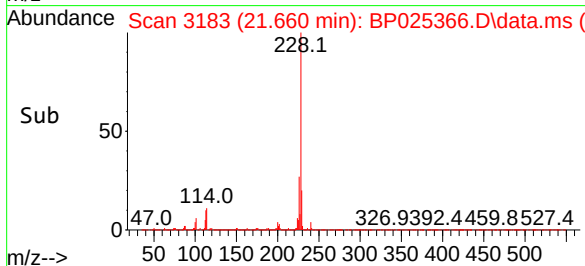
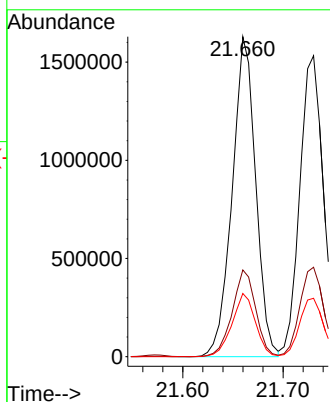
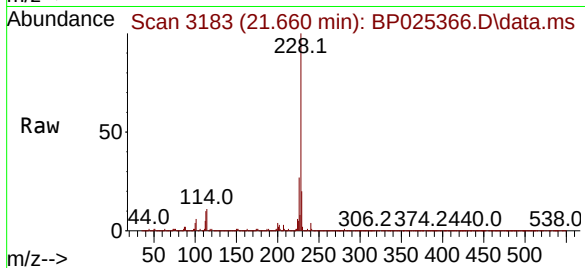
Tgt Ion:228 Resp: 2658368

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 37.266 ng

RT: 21.572 min Scan# 3168

Delta R.T. 0.018 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

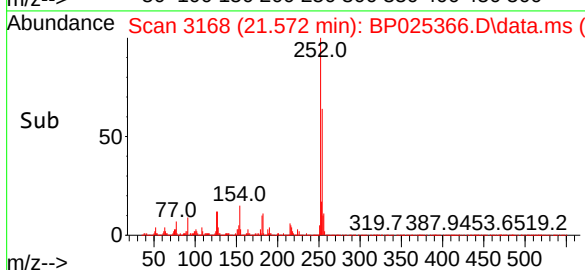
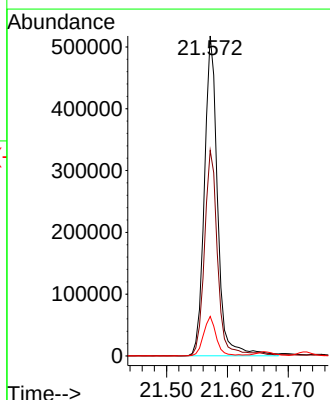
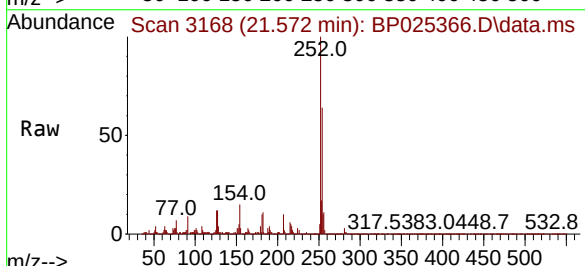
Tgt Ion:252 Resp: 782545

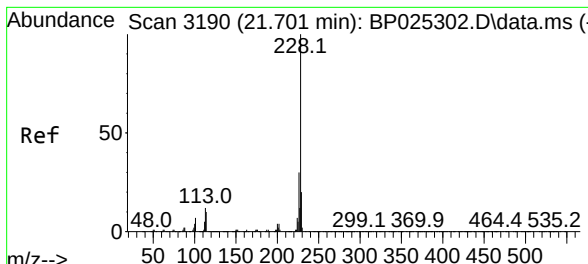
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.6

126 12.4 9.4 14.2

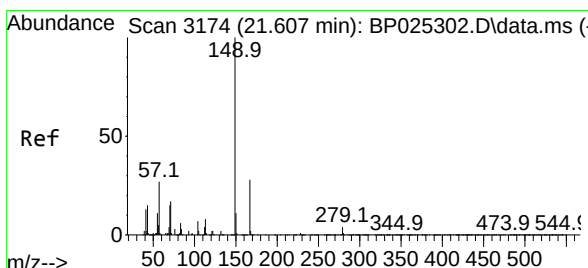
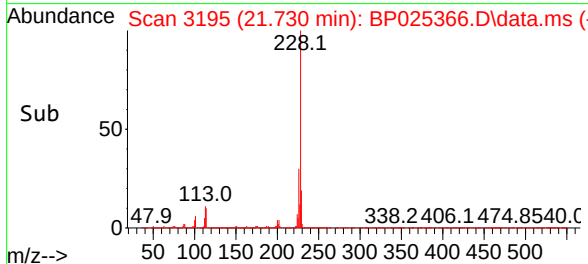
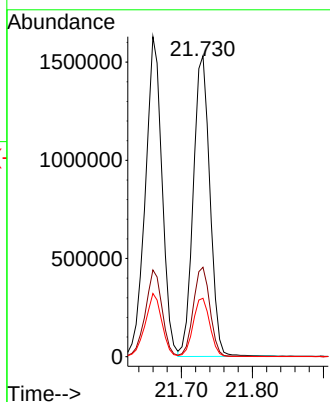
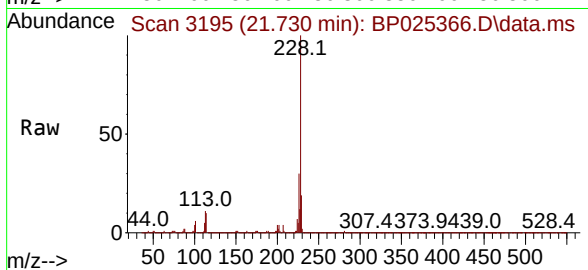




#83
 Chrysene
 Concen: 45.210 ng
 RT: 21.730 min Scan# 3195
 Delta R.T. 0.029 min
 Lab File: BP025366.D
 Acq: 12 Aug 2025 14:17

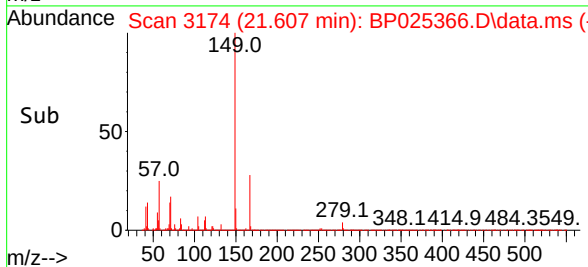
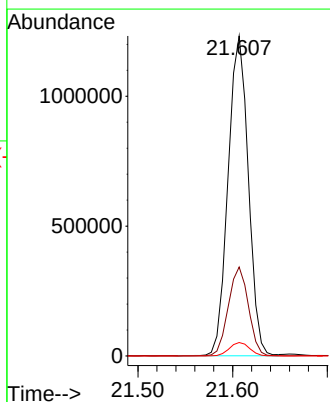
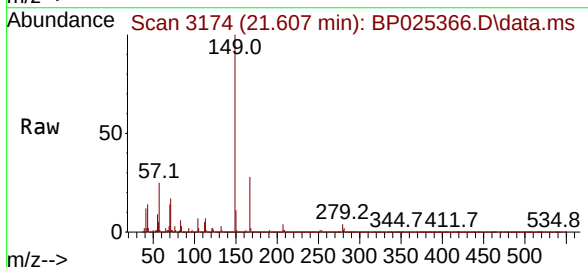
Instrument :
 BNA_P
 ClientSampleId :
 PB169162BS

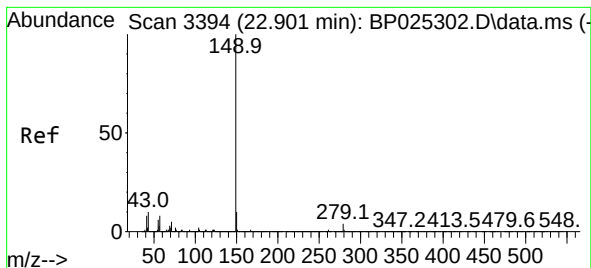
Tgt Ion:228 Resp: 2495678
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 19.4 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.379 ng
 RT: 21.607 min Scan# 3174
 Delta R.T. -0.000 min
 Lab File: BP025366.D
 Acq: 12 Aug 2025 14:17

Tgt Ion:149 Resp: 1827346
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.1 33.1
 279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 51.709 ng

RT: 22.913 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

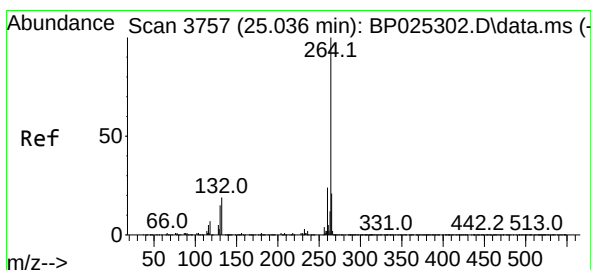
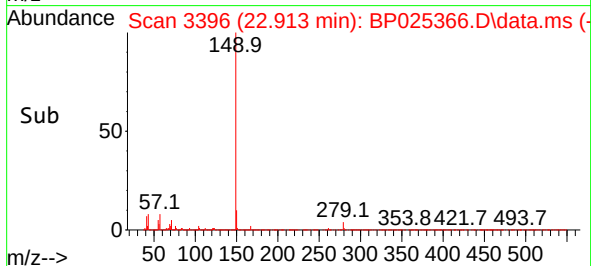
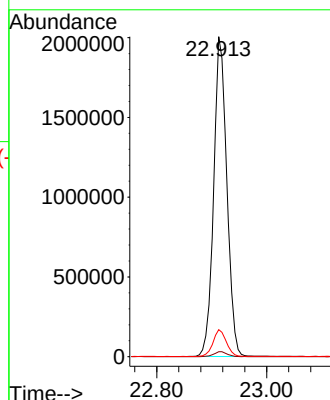
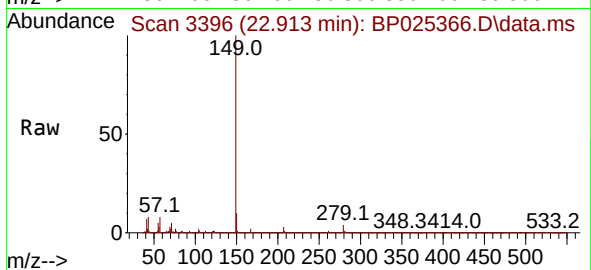
Tgt Ion:149 Resp: 3338190

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.077 min Scan# 3764

Delta R.T. 0.041 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

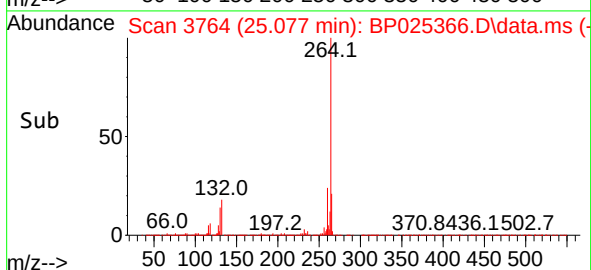
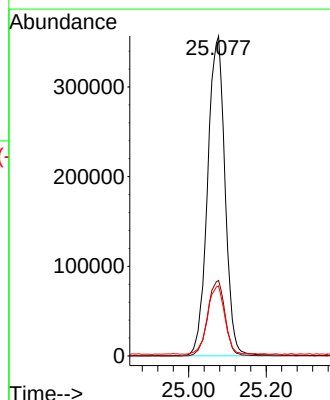
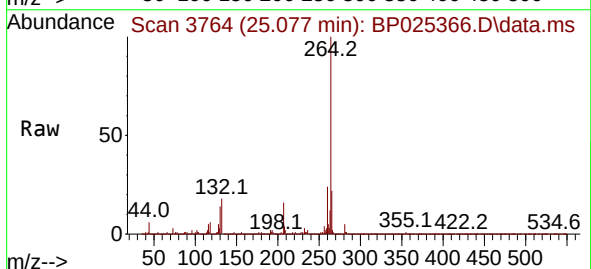
Tgt Ion:264 Resp: 1109113

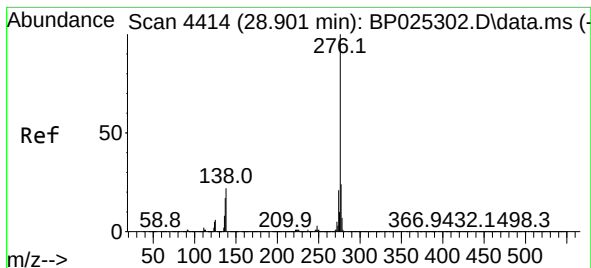
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.562 ng

RT: 28.918 min Scan# 4417

Delta R.T. 0.017 min

Lab File: BP025366.D

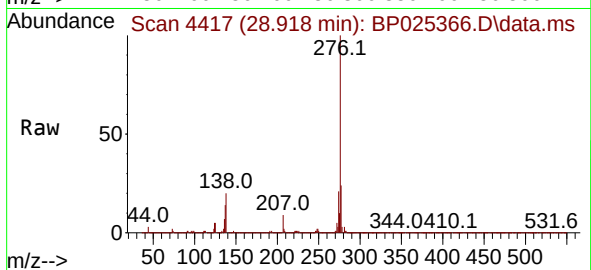
Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS



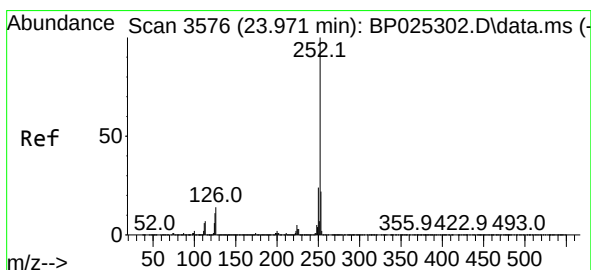
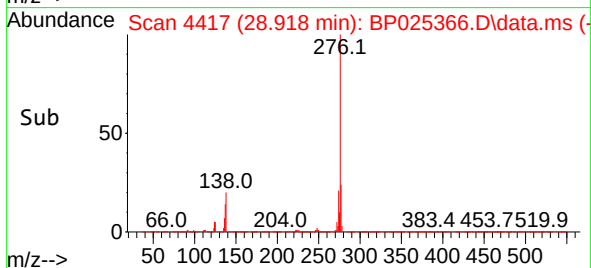
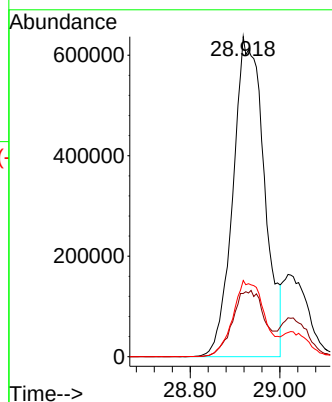
Tgt Ion:276 Resp: 3065585

Ion Ratio Lower Upper

276 100

138 21.9 14.6 22.0

277 24.2 16.8 25.2



#88

Benzo(b)fluoranthene

Concen: 44.250 ng

RT: 23.989 min Scan# 3579

Delta R.T. 0.018 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

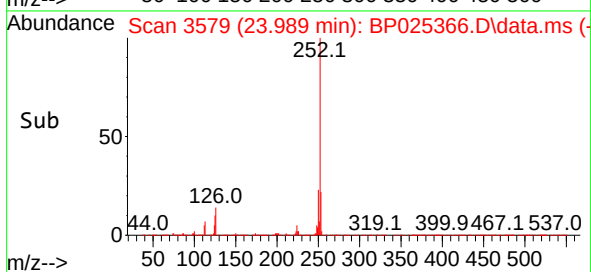
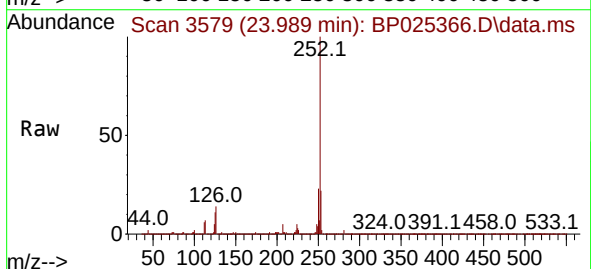
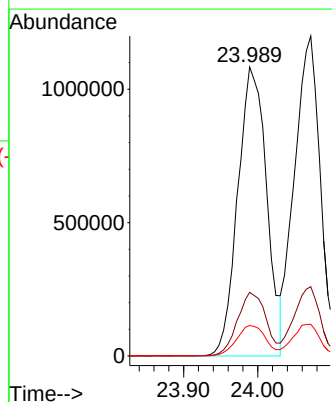
Tgt Ion:252 Resp: 2937909

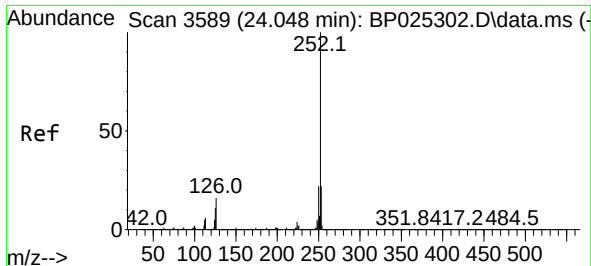
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.5 8.5 12.7

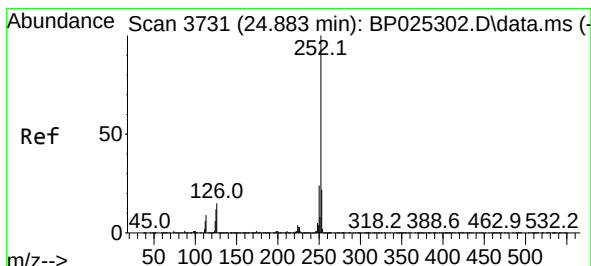
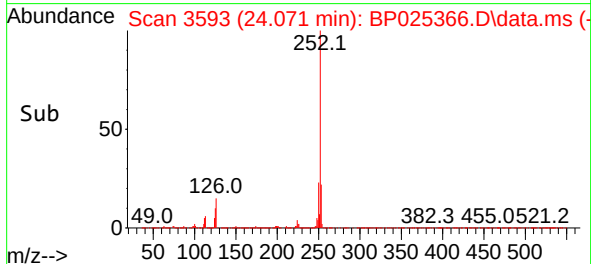
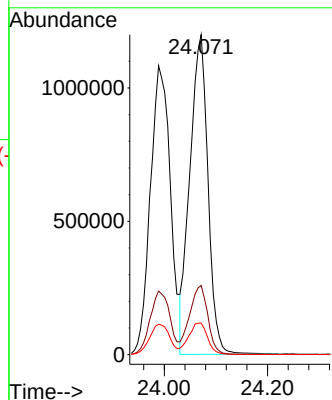
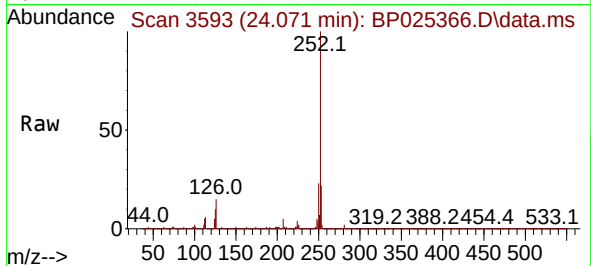




#89
Benzo(k)fluoranthene
Concen: 44.390 ng
RT: 24.071 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

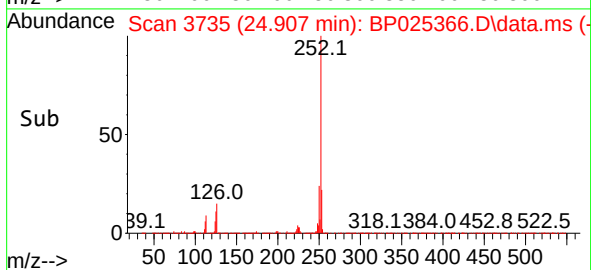
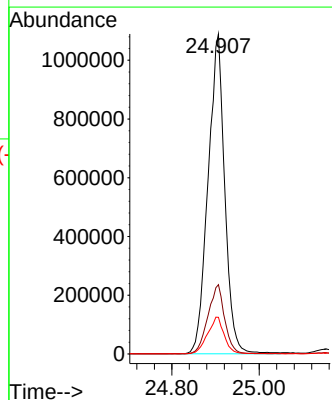
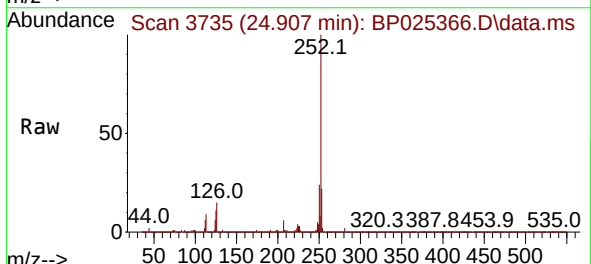
Instrument :
BNA_P
ClientSampleId :
PB169162BS

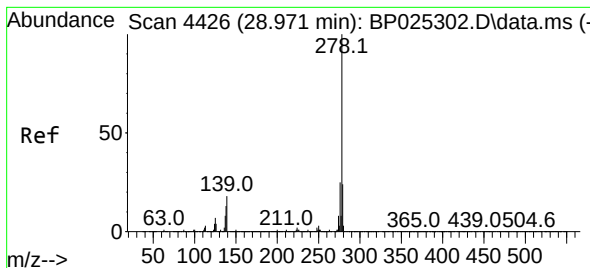
Tgt Ion:252 Resp: 2921661
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.9 8.5 12.7



#90
Benzo(a)pyrene
Concen: 45.224 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP025366.D
Acq: 12 Aug 2025 14:17

Tgt Ion:252 Resp: 2891539
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 46.845 ng

RT: 29.030 min Scan# 4426

Delta R.T. 0.059 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Instrument :

BNA_P

ClientSampleId :

PB169162BS

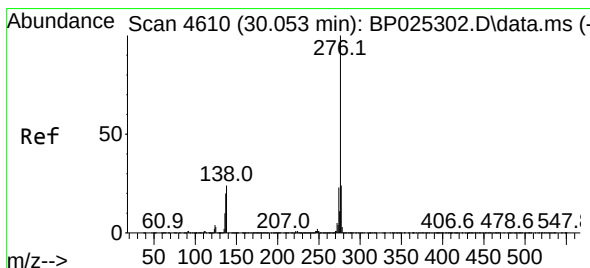
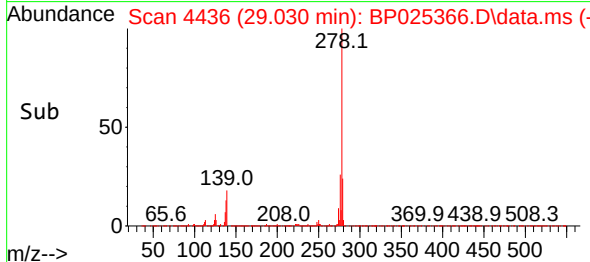
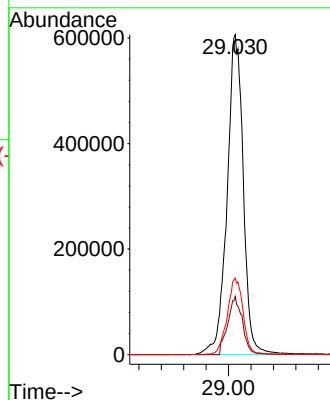
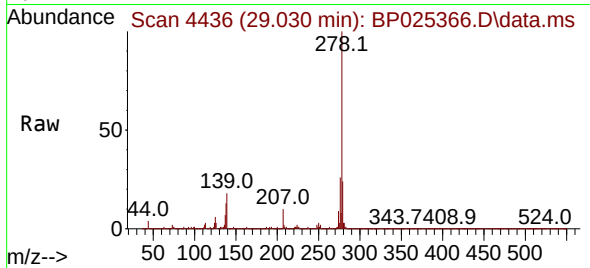
Tgt Ion:278 Resp: 3049959

Ion Ratio Lower Upper

278 100

139 18.1 14.6 22.0

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 46.382 ng

RT: 30.142 min Scan# 4625

Delta R.T. 0.089 min

Lab File: BP025366.D

Acq: 12 Aug 2025 14:17

Tgt Ion:276 Resp: 2963713

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 22.1 19.1 28.7

