

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024689.D
 Acq On : 19 May 2025 14:50
 Operator : RC/JU
 Sample : PB168041BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168041BS

Quant Time: May 19 18:58:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	179011	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	689037	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	377539	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	631736	20.000	ng	-0.02
76) Chrysene-d12	21.521	240	602821	20.000	ng	0.00
86) Perylene-d12	24.809	264	805398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1357920	129.743	ng	0.00
7) Phenol-d6	6.869	99	1613484	120.790	ng	0.02
23) Nitrobenzene-d5	8.810	82	1011092	74.142	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	776691	121.351	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	2385462	82.780	ng	-0.01
79) Terphenyl-d14	19.810	244	2900273	82.497	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	161486	32.858	ng	98
3) Pyridine	3.622	79	392111	35.982	ng	96
4) n-Nitrosodimethylamine	3.534	42	195637	40.665	ng	94
6) Aniline	6.999	93	494103	28.650	ng	100
8) 2-Chlorophenol	7.240	128	516315	43.456	ng	99
9) Benzaldehyde	6.810	77	287824	33.286	ng	99
10) Phenol	6.893	94	577541	41.891	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	430407	37.993	ng	99
12) 1,3-Dichlorobenzene	7.546	146	562962	41.183	ng	99
13) 1,4-Dichlorobenzene	7.693	146	568126	41.323	ng	99
14) 1,2-Dichlorobenzene	8.004	146	542120	40.466	ng	98
15) Benzyl Alcohol	7.910	79	410902	40.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	506871	37.361	ng	98
17) 2-Methylphenol	8.116	107	400886	40.541	ng	99
18) Hexachloroethane	8.722	117	213500	40.524	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	326925	35.381	ng	99
20) 3+4-Methylphenols	8.446	107	536209	39.864	ng	97
22) Acetophenone	8.475	105	716343	41.619	ng	99
24) Nitrobenzene	8.851	77	498515	41.540	ng	95
25) Isophorone	9.375	82	894332	37.807	ng	98
26) 2-Nitrophenol	9.551	139	270571	46.011	ng	98
27) 2,4-Dimethylphenol	9.628	122	446622	43.076	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	563242	39.854	ng	99
29) 2,4-Dichlorophenol	10.104	162	447514	44.541	ng	98
30) 1,2,4-Trichlorobenzene	10.287	180	497228	43.916	ng	97
31) Naphthalene	10.481	128	1508450	42.246	ng	100
32) Benzoic acid	9.816	122	254266	37.214	ng	99
33) 4-Chloroaniline	10.598	127	240561	16.696	ng	98
34) Hexachlorobutadiene	10.763	225	324047	44.181	ng	99
35) Caprolactam	11.398	113	121891	33.532	ng	97
36) 4-Chloro-3-methylphenol	11.745	107	474335	38.713	ng	98
37) 2-Methylnaphthalene	12.087	142	933364	40.370	ng	98
38) 1-Methylnaphthalene	12.310	142	976101	39.457	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	541911	49.430	ng	100
41) Hexachlorocyclopentadiene	12.440	237	708183	106.529	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	343683	48.399	ng	99

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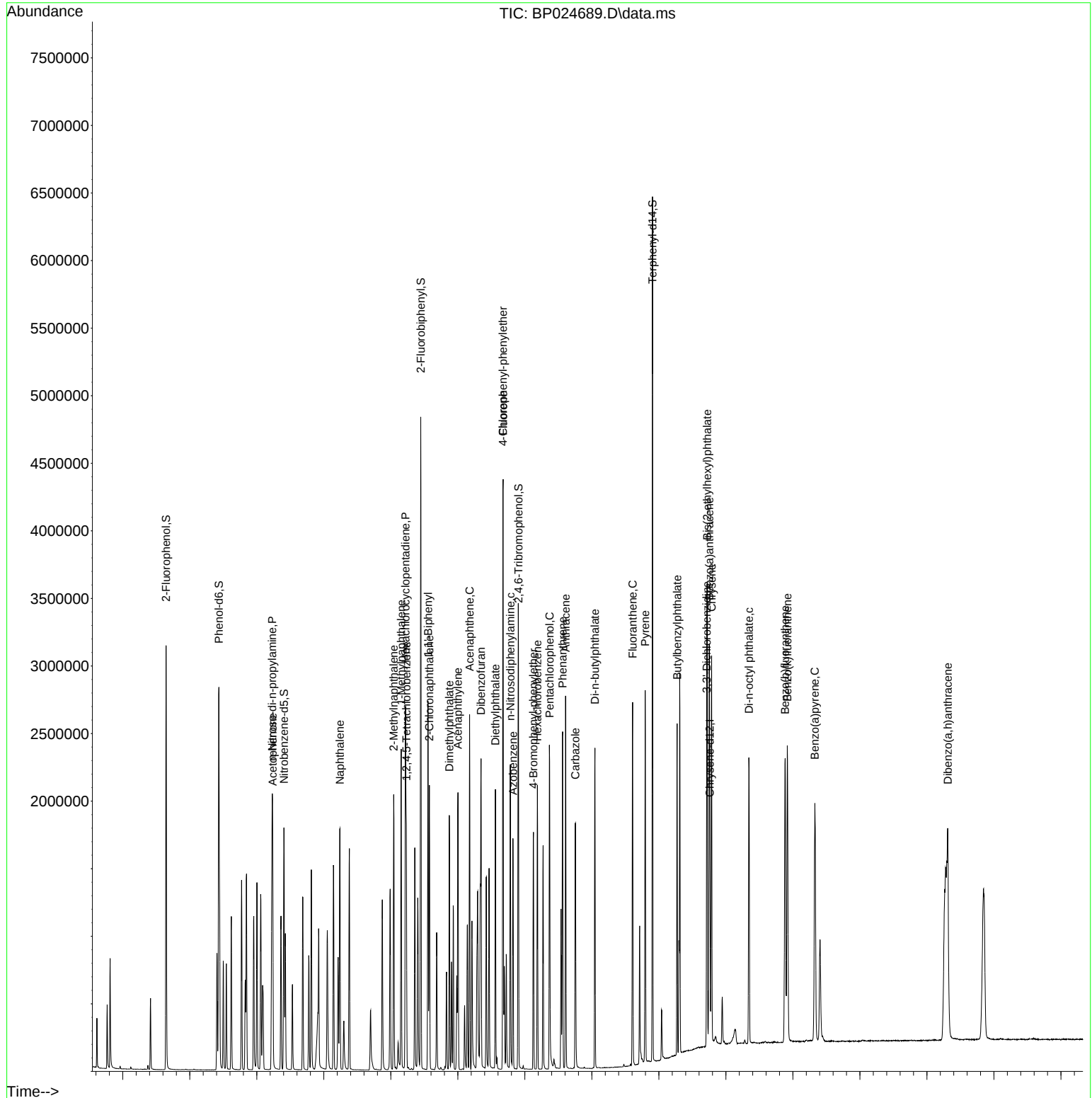
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	362987	45.922	ng	98
46) 1,1'-Biphenyl	13.110	154	1295311	46.420	ng	100
47) 2-Chloronaphthalene	13.151	162	989216	46.494	ng	99
48) 2-Nitroaniline	13.369	65	257122	40.819	ng	95
49) Acenaphthylene	14.004	152	1549623	43.522	ng	99
50) Dimethylphthalate	13.745	163	1161487	40.363	ng	100
51) 2,6-Dinitrotoluene	13.869	165	252252	41.507	ng	96
52) Acenaphthene	14.351	154	883211	43.149	ng	99
53) 3-Nitroaniline	14.204	138	129590	20.883	ng	98
54) 2,4-Dinitrophenol	14.422	184	283716	74.510	ng	97
55) Dibenzofuran	14.692	168	1388976	42.542	ng	99
56) 4-Nitrophenol	14.569	139	333127	62.960	ng	98
57) 2,4-Dinitrotoluene	14.669	165	342662	39.993	ng	99
58) Fluorene	15.351	166	1094155	41.100	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	299203	40.805	ng	98
60) Diethylphthalate	15.122	149	1110914	38.196	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	552635	41.625	ng	99
62) 4-Nitroaniline	15.386	138	207218	34.584	ng	99
63) Azobenzene	15.645	77	989411	39.766	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	188204	46.122	ng	97
66) n-Nitrosodiphenylamine	15.569	169	927174	47.782	ng	98
67) 4-Bromophenyl-phenylether	16.257	248	364435	48.957	ng	97
68) Hexachlorobenzene	16.375	284	460798	48.715	ng	97
69) Atrazine	16.545	200	314166	44.179	ng	100
70) Pentachlorophenol	16.739	266	504633	95.038	ng	98
71) Phenanthrene	17.128	178	1556680	44.326	ng	99
72) Anthracene	17.216	178	1576828	44.627	ng	99
73) Carbazole	17.510	167	1361201	42.563	ng	100
74) Di-n-butylphthalate	18.092	149	1762481	42.852	ng	100
75) Fluoranthene	19.216	202	1678461	40.886	ng	99
77) Benzidine	19.427	184	665703	40.546	ng	99
78) Pyrene	19.592	202	1692845	46.868	ng	100
80) Butylbenzylphthalate	20.545	149	745149	46.387	ng	95
81) Benzo(a)anthracene	21.504	228	1717345	45.370	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	502204	35.721	ng	99
83) Chrysene	21.574	228	1615533	45.023	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1083795	45.902	ng	100
85) Di-n-octyl phthalate	22.686	149	1933782	50.084	ng	100
87) Indeno(1,2,3-cd)pyrene	28.556	276	3000018	51.022	ng	96
88) Benzo(b)fluoranthene	23.768	252	2033252	44.105	ng	99
89) Benzo(k)fluoranthene	23.833	252	2017301	42.467	ng	100
90) Benzo(a)pyrene	24.657	252	2026541	45.772	ng	98
91) Dibenzo(a,h)anthracene	28.621	278	2474876	51.738	ng	99
92) Benzo(g,h,i)perylene	29.692	276	2453442	51.576	ng	99

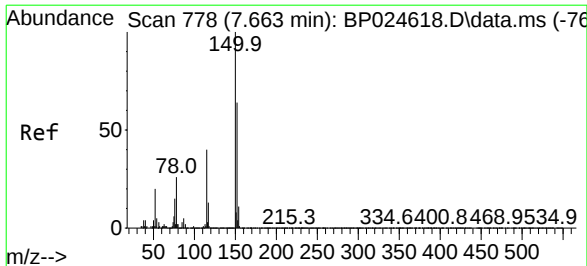
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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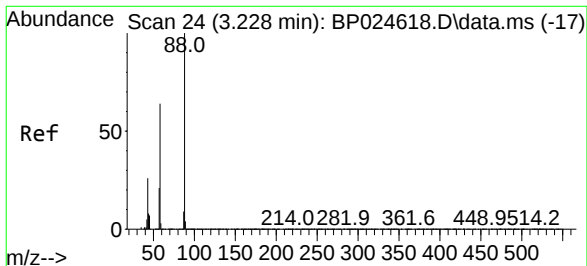
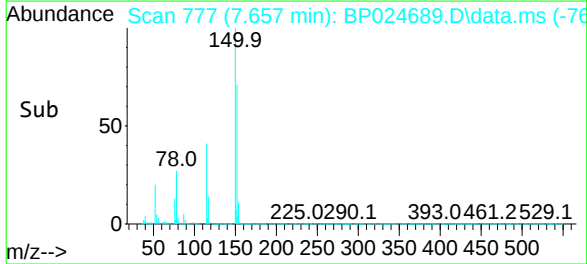
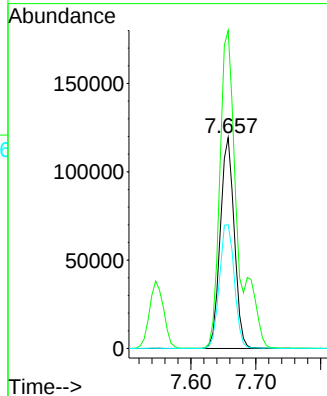
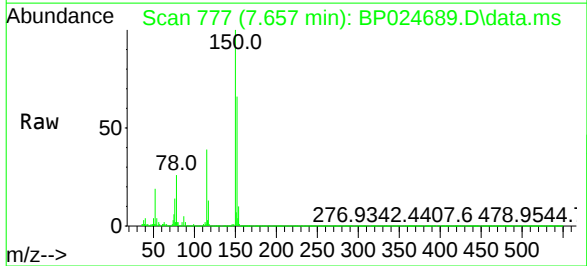




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 77
Delta R.T. -0.006 min
Lab File: BP024689.D
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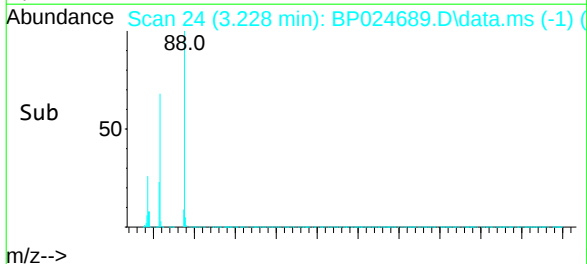
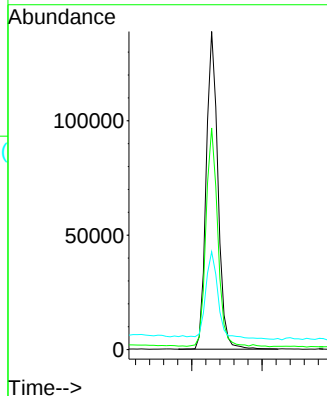
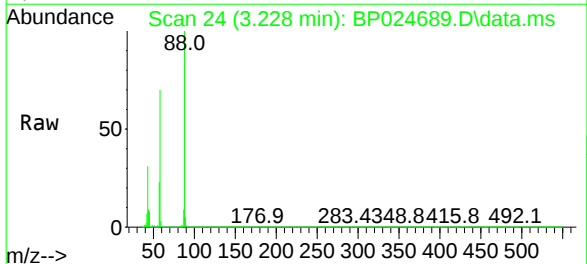
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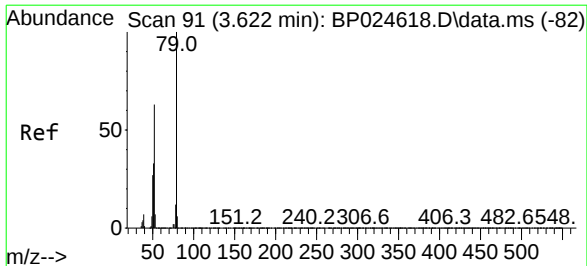
Tgt Ion:152 Resp: 179011
Ion Ratio Lower Upper
152 100
150 150.8 125.9 188.9
115 58.7 50.1 75.1



#2
1,4-Dioxane
Concen: 32.858 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion: 88 Resp: 161486
Ion Ratio Lower Upper
88 100
58 68.4 54.0 81.0
43 29.2 21.4 32.0

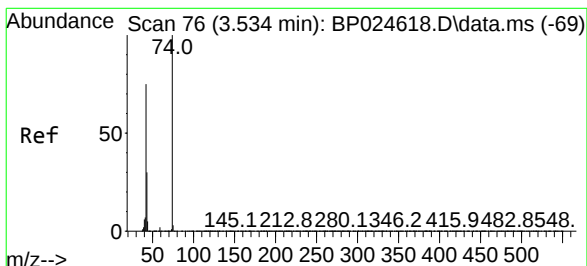
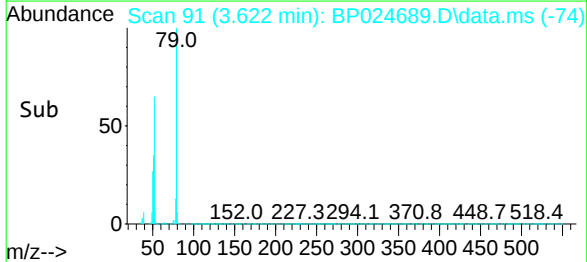
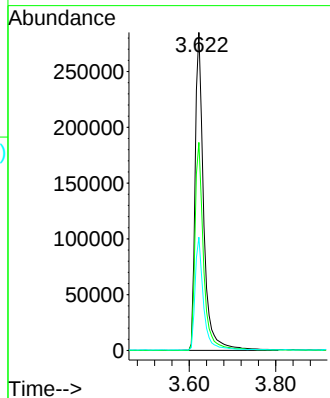
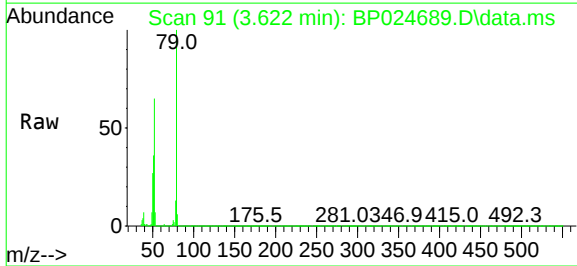




#3
Pyridine
Concen: 35.982 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

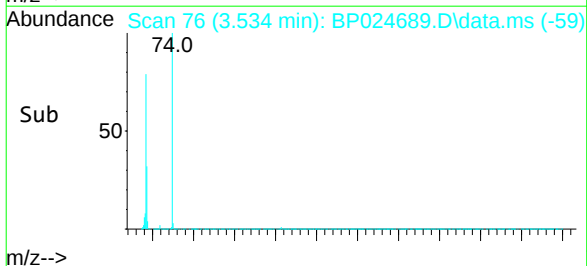
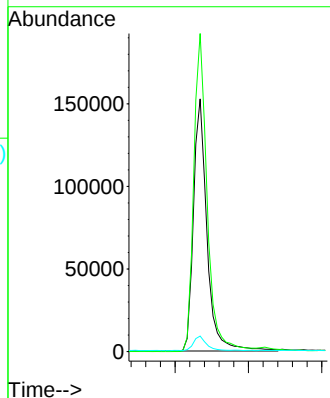
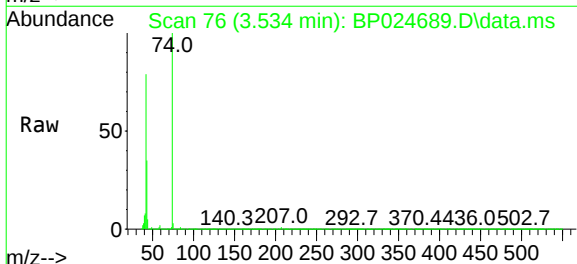
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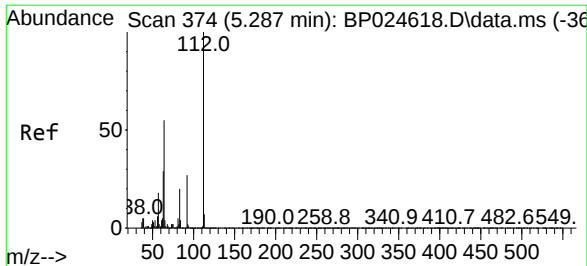
Tgt Ion: 79 Resp: 392111
Ion Ratio Lower Upper
79 100
52 65.4 50.2 75.2
51 35.6 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 40.665 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion: 42 Resp: 195637
Ion Ratio Lower Upper
42 100
74 125.8 106.2 159.2
44 6.1 5.4 8.2

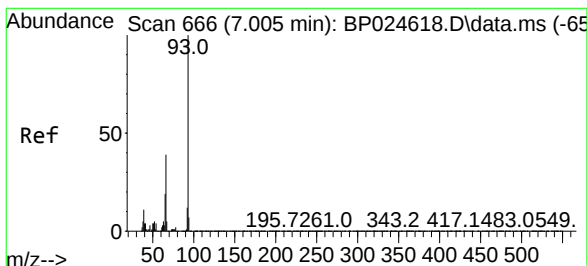
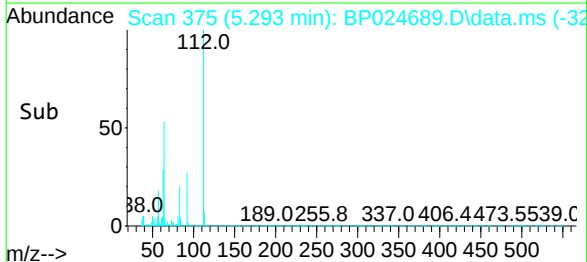
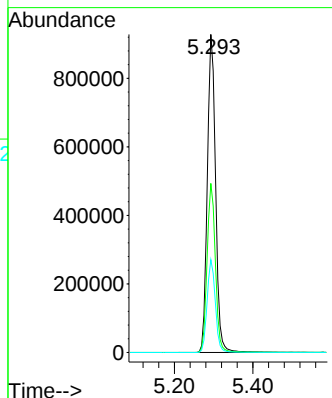
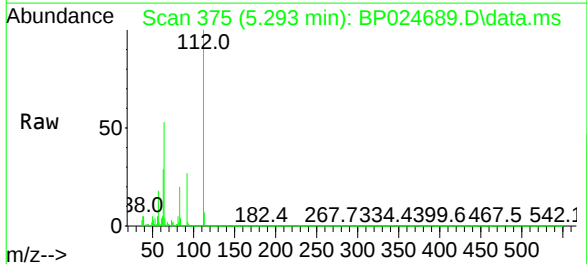




#5
2-Fluorophenol
Concen: 129.743 ng
RT: 5.293 min Scan# 37
Delta R.T. 0.006 min
Lab File: BP024689.D
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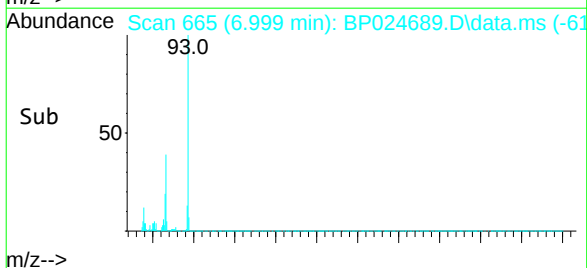
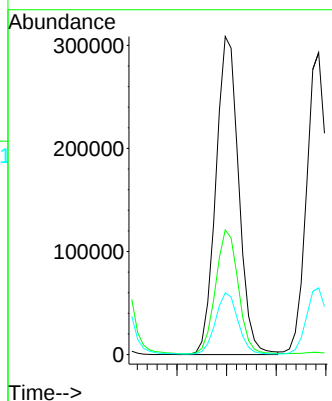
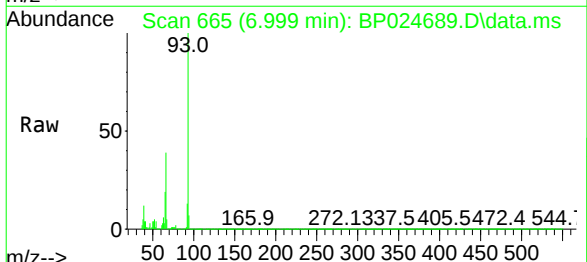
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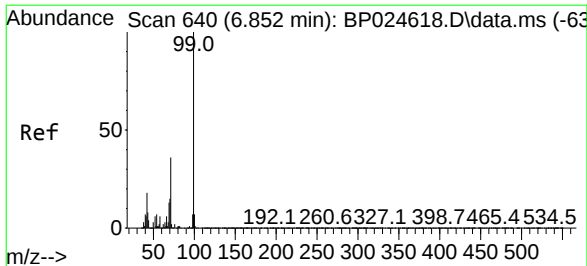
Tgt Ion:112 Resp: 1357920
Ion Ratio Lower Upper
112 100
64 53.2 44.1 66.1
63 29.2 23.5 35.3



#6
Aniline
Concen: 28.650 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion: 93 Resp: 494103
Ion Ratio Lower Upper
93 100
66 39.2 31.0 46.6
65 19.4 15.5 23.3





#7

Phenol-d6

Concen: 120.790 ng

RT: 6.869 min Scan# 640

Delta R.T. 0.018 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

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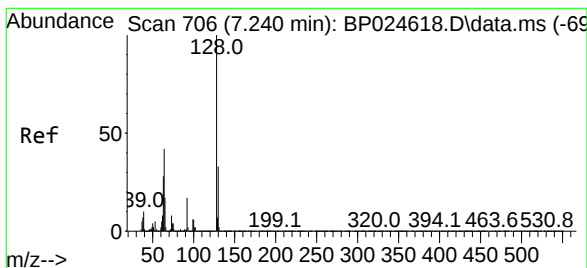
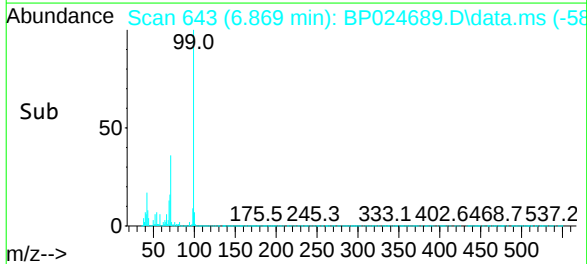
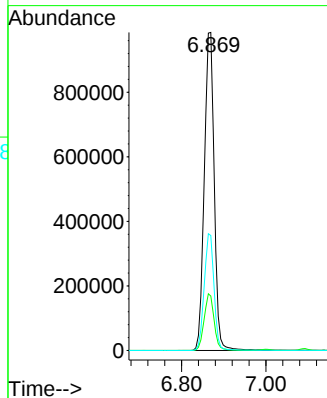
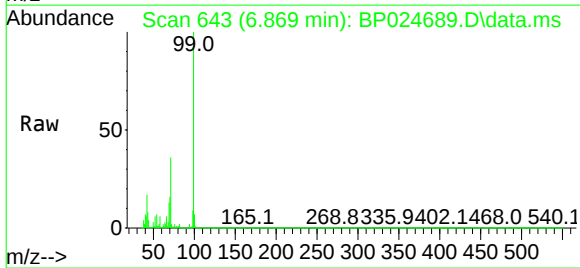
Tgt Ion: 99 Resp: 1613484

Ion Ratio Lower Upper

99 100

42 17.1 14.4 21.6

71 36.2 29.2 43.8



#8

2-Chlorophenol

Concen: 43.456 ng

RT: 7.240 min Scan# 706

Delta R.T. -0.000 min

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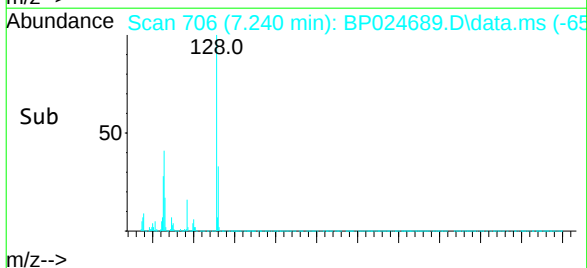
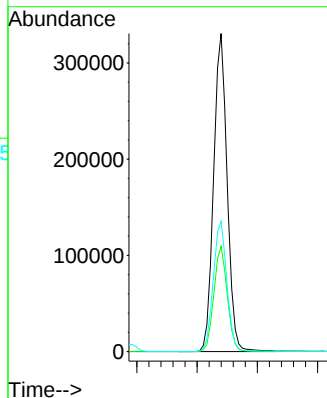
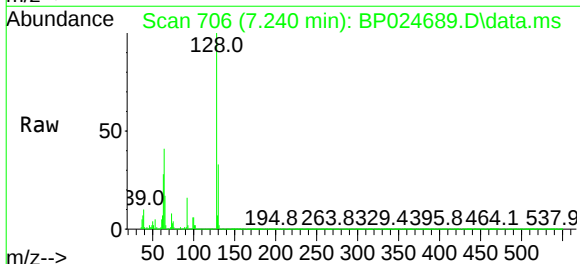
Tgt Ion: 128 Resp: 516315

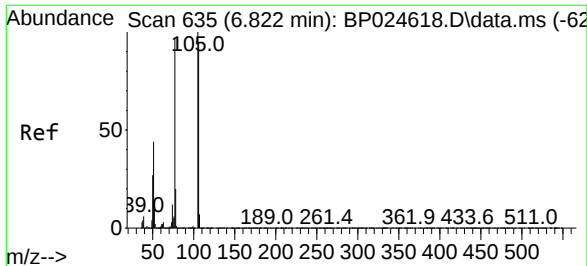
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 40.9 22.3 62.3

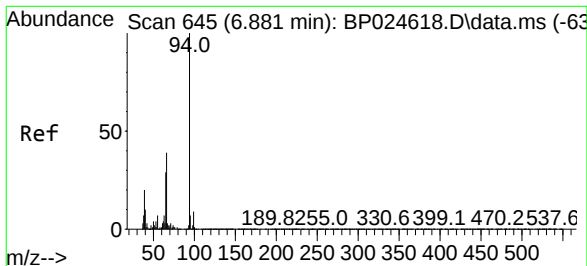
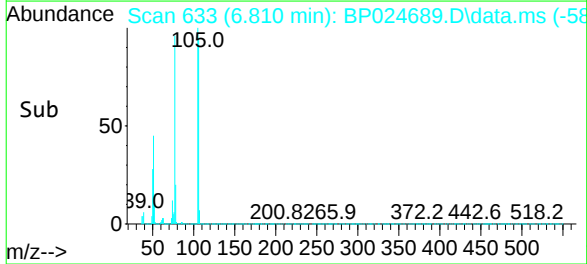
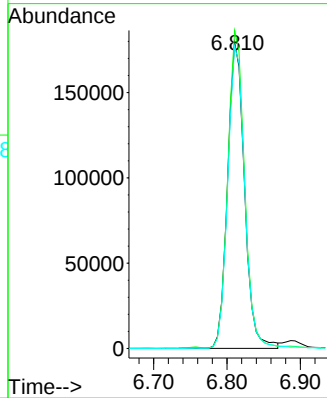
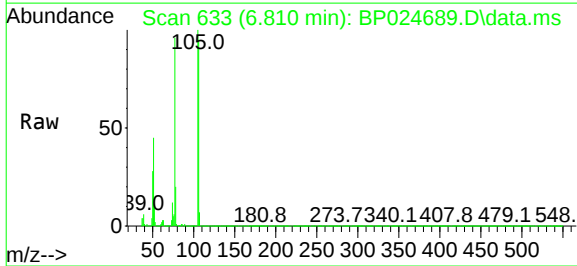




#9
Benzaldehyde
Concen: 33.286 ng
RT: 6.810 min Scan# 63
Delta R.T. -0.012 min
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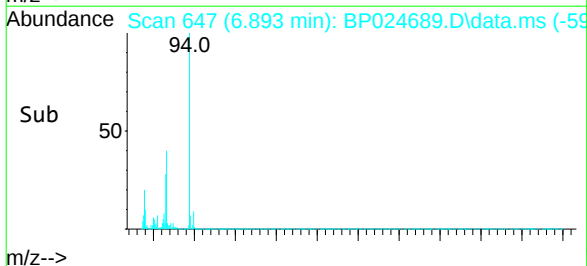
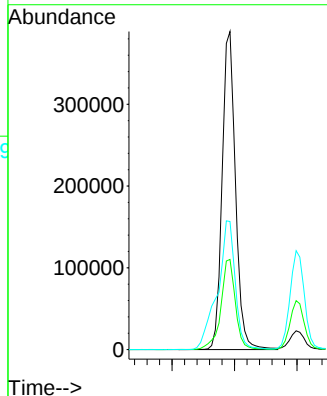
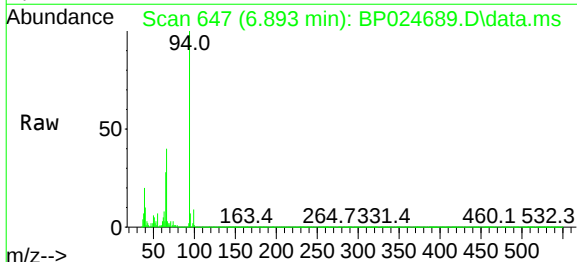
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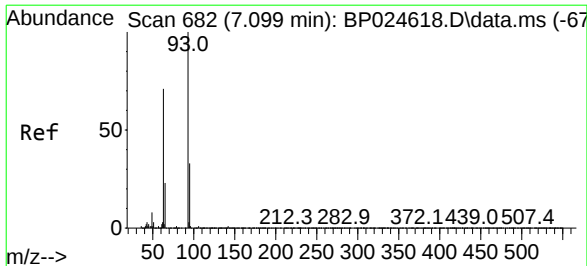
Tgt Ion: 77 Resp: 287824
Ion Ratio Lower Upper
77 100
105 104.0 83.3 123.3
106 99.0 78.0 118.0



#10
Phenol
Concen: 41.891 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 577541
Ion Ratio Lower Upper
94 100
65 28.3 8.7 48.7
66 40.3 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 37.993 ng

RT: 7.093 min Scan# 681

Delta R.T. -0.006 min

Lab File: BP024689.D

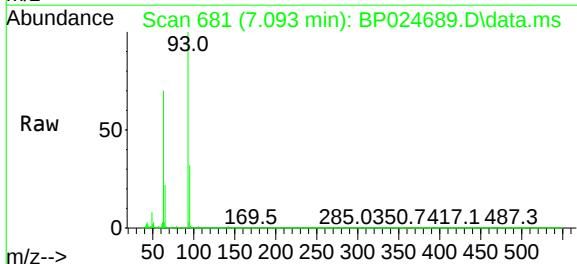
Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS



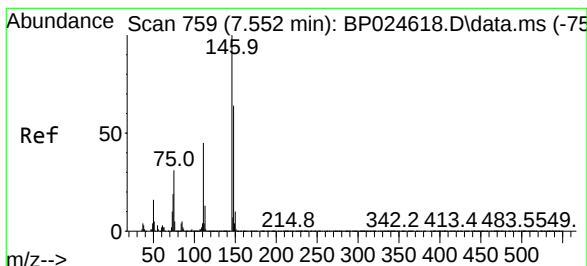
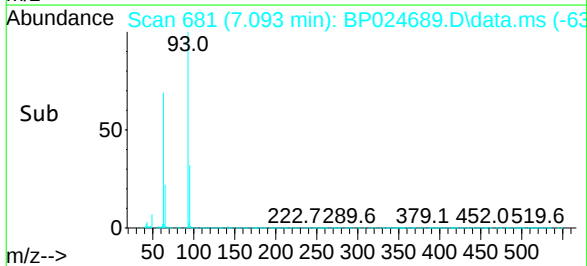
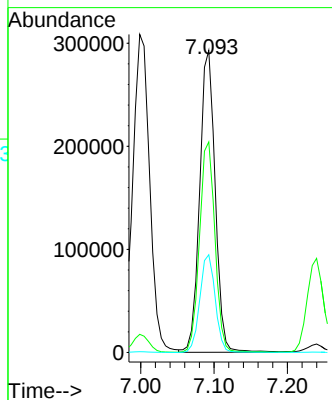
Tgt Ion: 93 Resp: 430407

Ion Ratio Lower Upper

93 100

63 69.7 50.6 90.6

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.183 ng

RT: 7.546 min Scan# 758

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

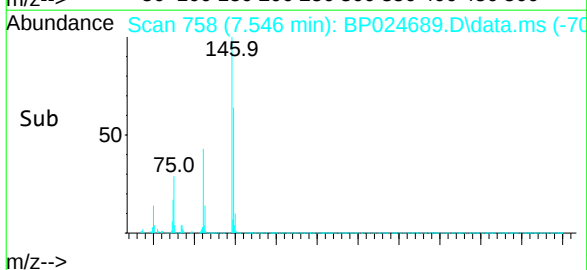
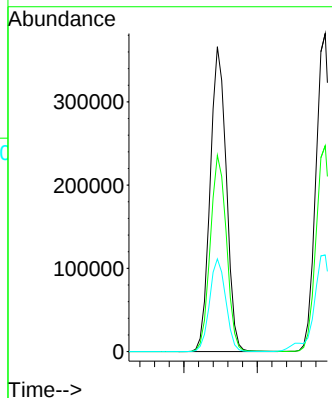
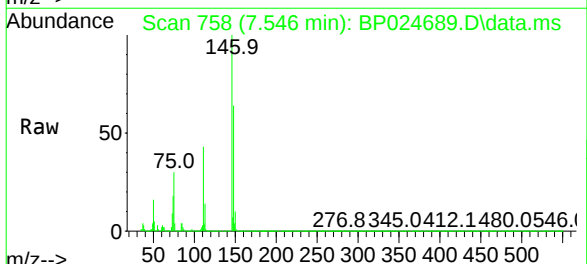
Tgt Ion: 146 Resp: 562962

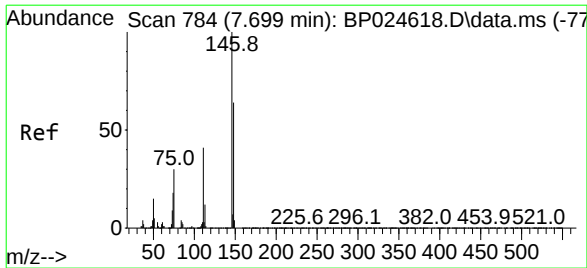
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

75 30.4 25.2 37.8

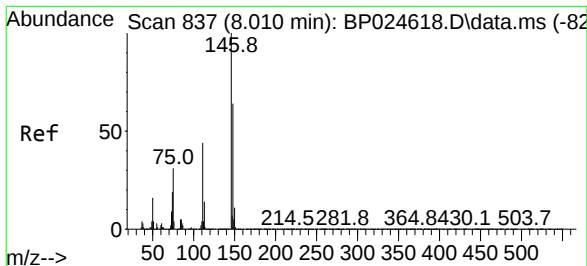
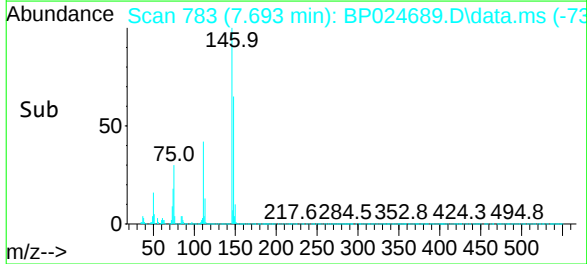
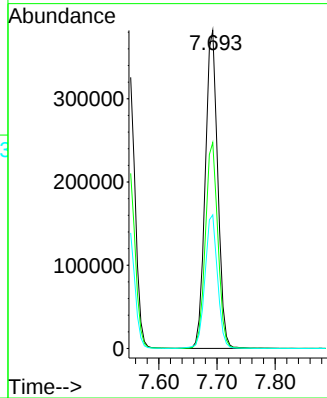
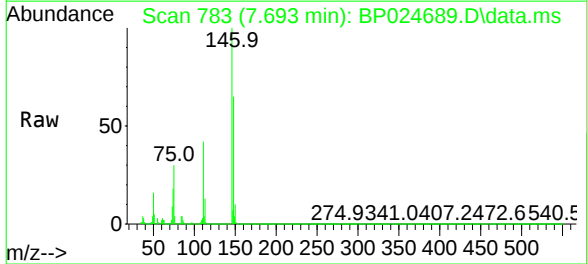




#13
1,4-Dichlorobenzene
Concen: 41.323 ng
RT: 7.693 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

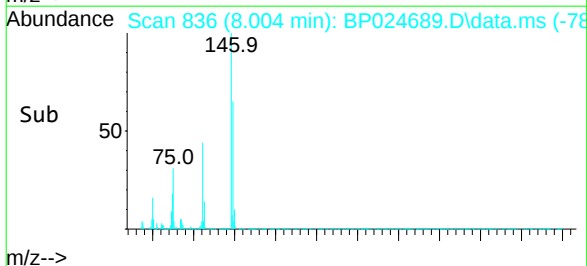
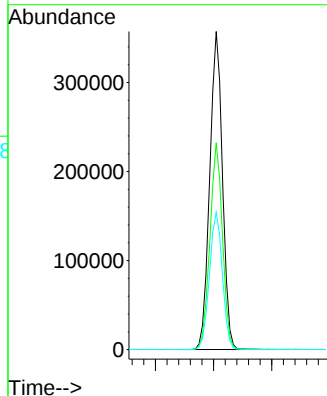
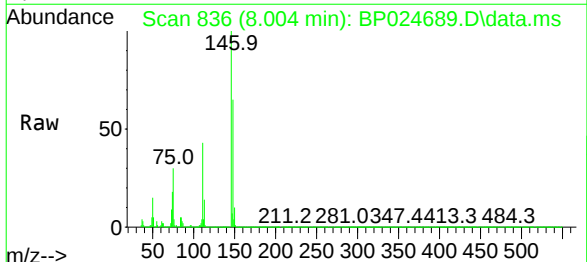
Instrument :
BNA_P
ClientSampleId :
PB168041BS

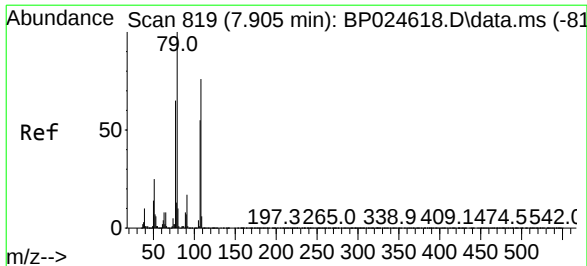
Tgt Ion:146 Resp: 568126
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 42.0 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.466 ng
RT: 8.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:146 Resp: 542120
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
111 43.2 35.2 52.8

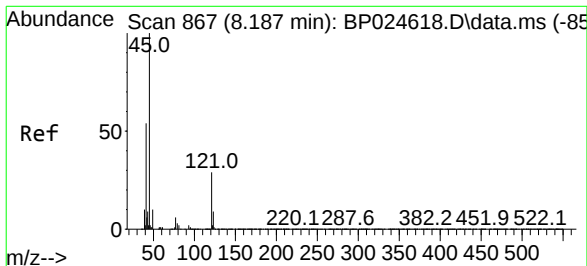
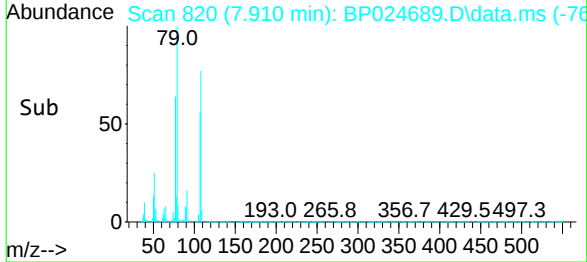
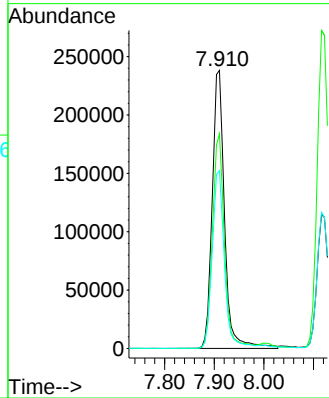
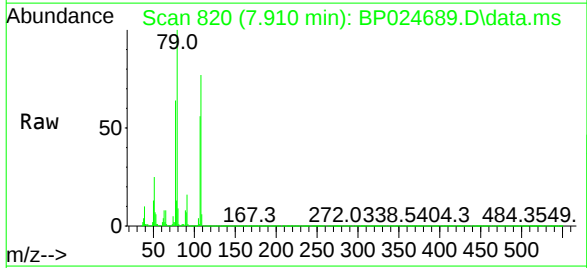




#15
Benzyl Alcohol
Concen: 40.480 ng
RT: 7.910 min Scan# 82
Delta R.T. 0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

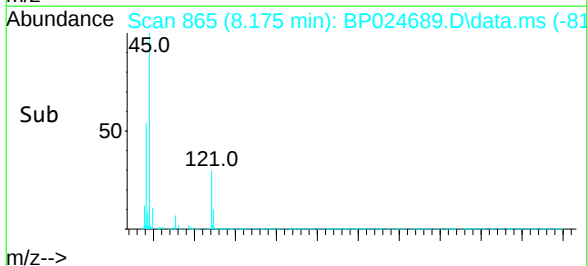
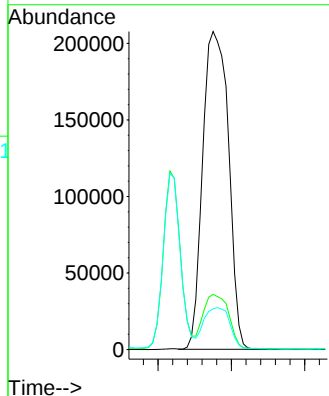
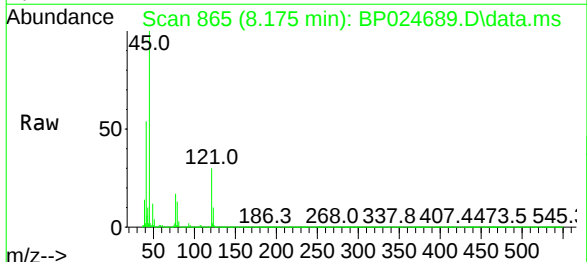
Instrument :
BNA_P
ClientSampleId :
PB168041BS

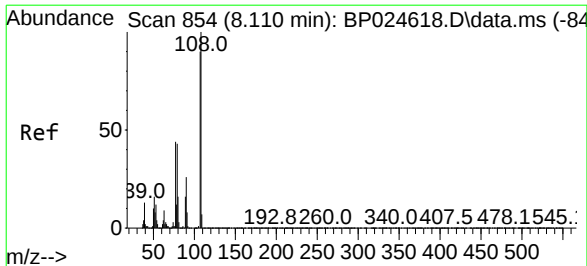
Tgt Ion: 79 Resp: 410902
Ion Ratio Lower Upper
79 100
108 77.2 60.8 91.2
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.361 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion: 45 Resp: 506871
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 12.8 0.0 34.0

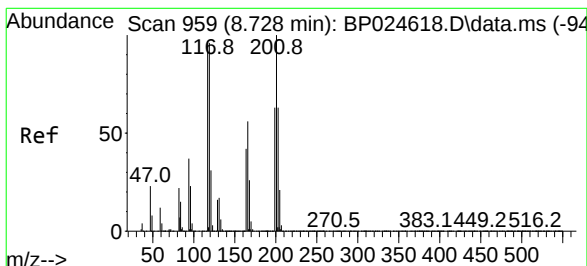
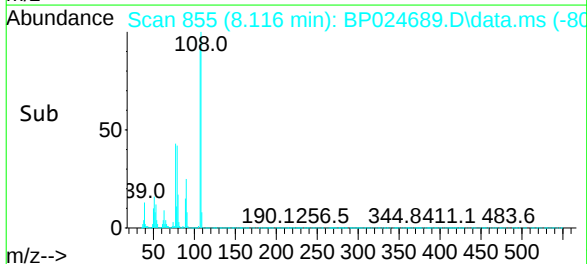
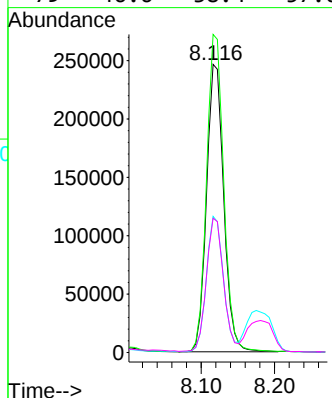
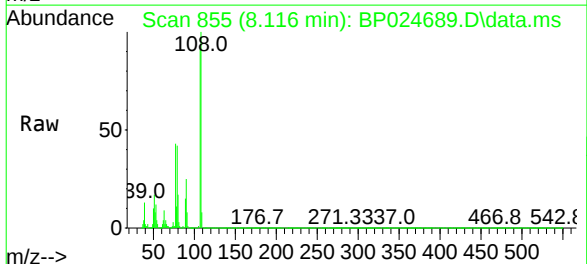




#17
2-Methylphenol
Concen: 40.541 ng
RT: 8.116 min Scan# 85
Delta R.T. 0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

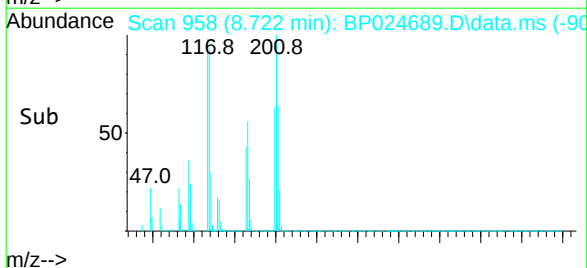
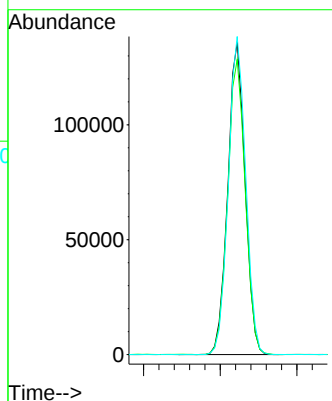
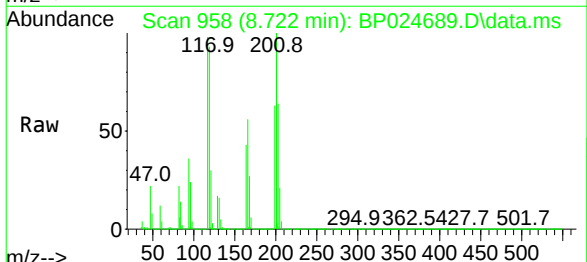
Instrument :
BNA_P
ClientSampleId :
PB168041BS

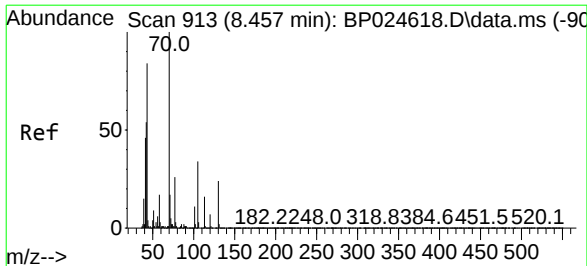
Tgt Ion:	107	Resp:	400886
Ion	Ratio	Lower	Upper
107	100		
108	110.4	88.9	133.3
77	47.2	39.0	58.6
79	46.6	38.4	57.6



#18
Hexachloroethane
Concen: 40.524 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:	117	Resp:	213500
Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.4	119.0
201	101.9	82.7	124.1

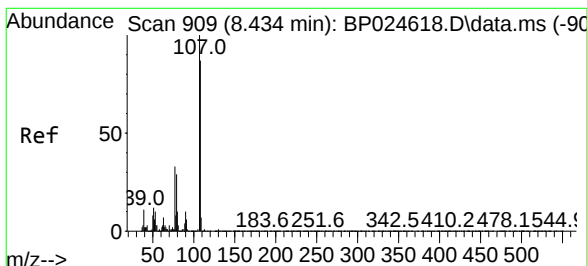
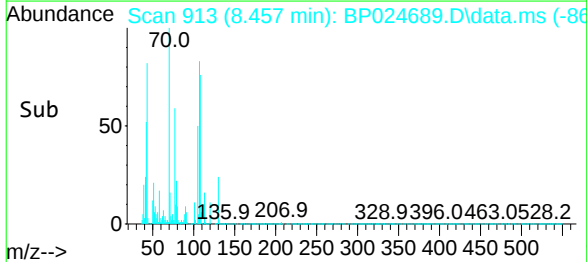
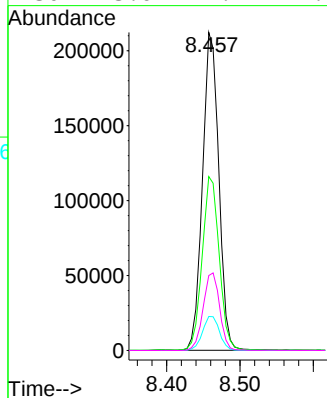
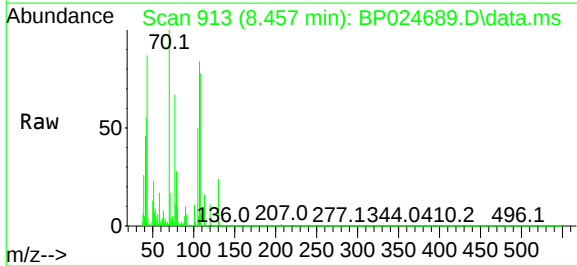




#19
n-Nitroso-di-n-propylamine
Concen: 35.381 ng
RT: 8.457 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

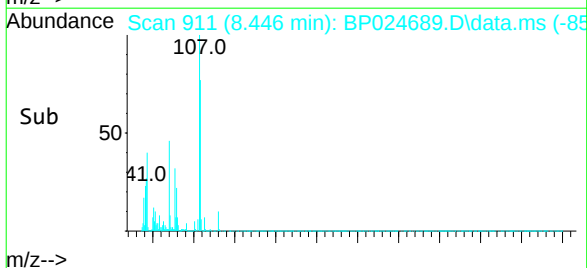
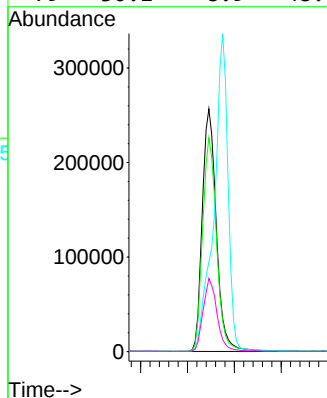
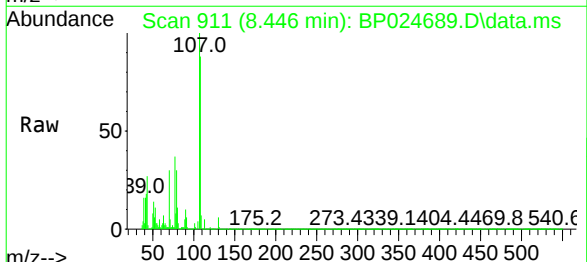
Instrument :
BNA_P
ClientSampleId :
PB168041BS

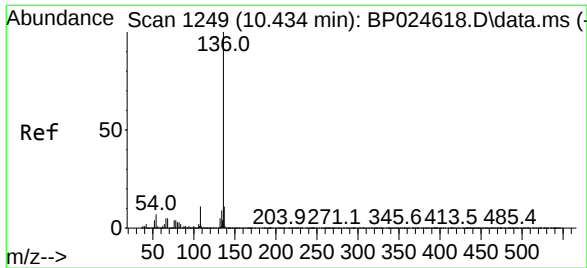
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.0	64.6
101	10.7	8.7	13.1
130	23.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 39.864 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.7	106.7
77	36.9	13.1	53.1
79	30.1	8.9	48.9

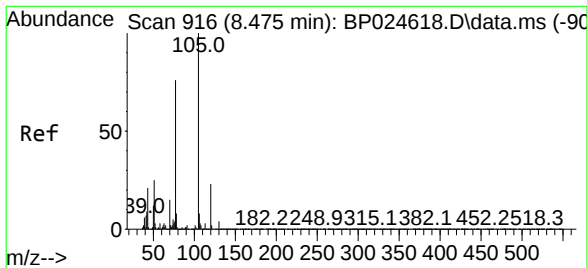
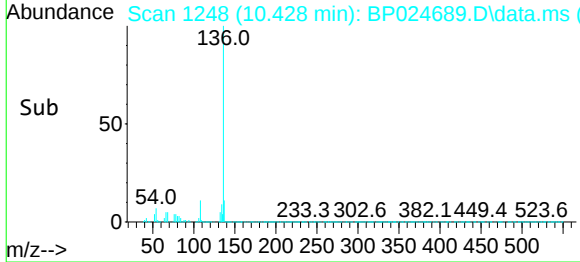
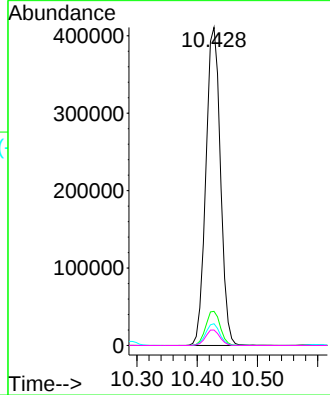
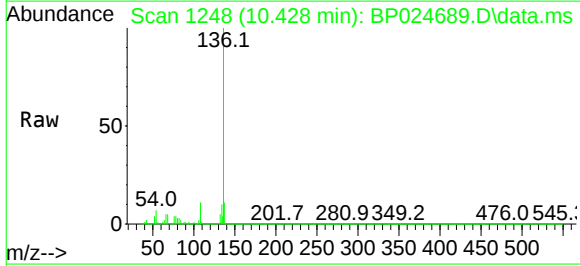




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

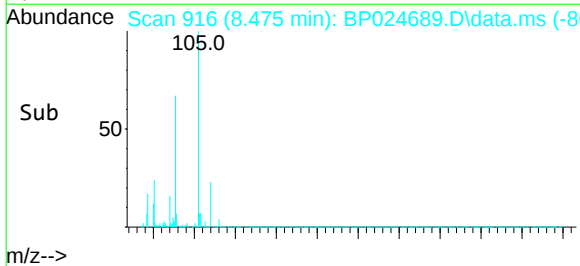
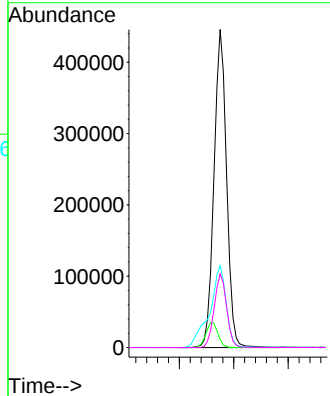
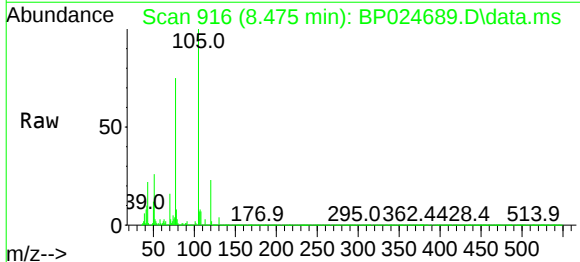
Instrument : BNA_P
ClientSampleId : PB168041BS

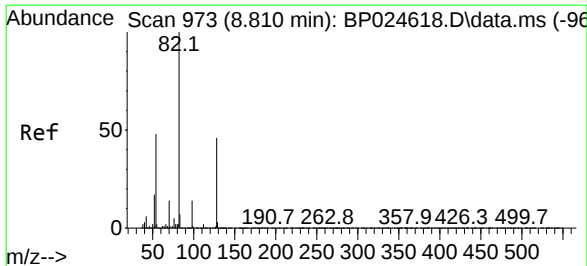
Tgt Ion:	136	Resp:	689037
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.8	5.5	8.3
68	4.9	4.2	6.2



#22
Acetophenone
Concen: 41.619 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:	105	Resp:	716343
Ion Ratio	Lower	Upper	
105	100		
71	2.6	2.0	3.0
51	25.8	20.4	30.6
120	23.2	18.1	27.1

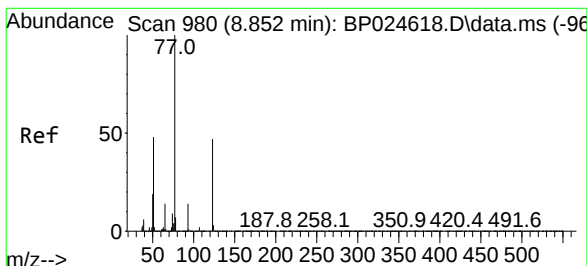
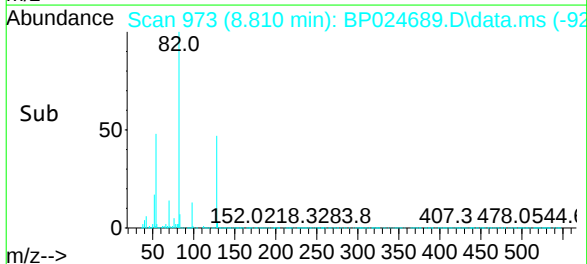
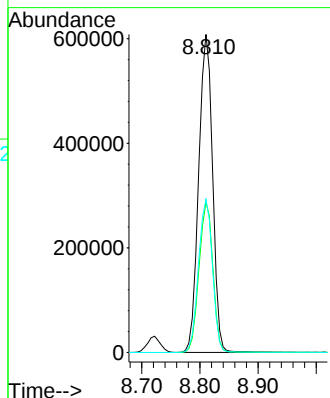
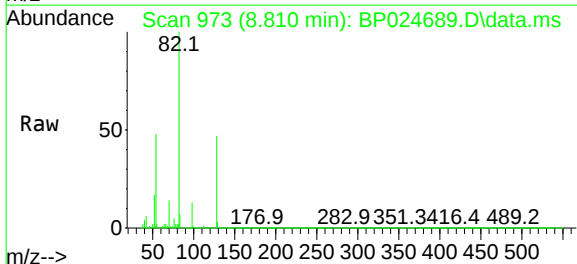




#23
Nitrobenzene-d5
Concen: 74.142 ng
RT: 8.810 min Scan# 97
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

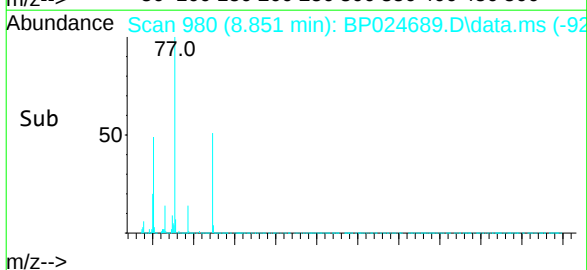
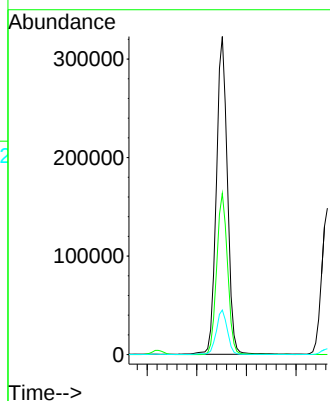
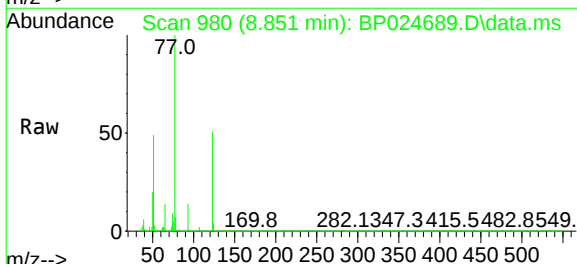
Instrument :
BNA_P
ClientSampleId :
PB168041BS

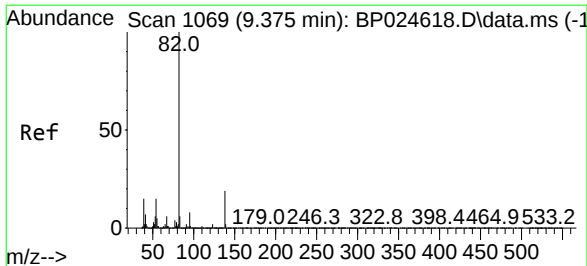
Tgt Ion: 82 Resp: 1011092
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.4
54 48.2 38.7 58.1



#24
Nitrobenzene
Concen: 41.540 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion: 77 Resp: 498515
Ion Ratio Lower Upper
77 100
123 50.7 37.4 56.0
65 14.0 11.3 16.9





#25

Isophorone

Concen: 37.807 ng

RT: 9.375 min Scan# 1069

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

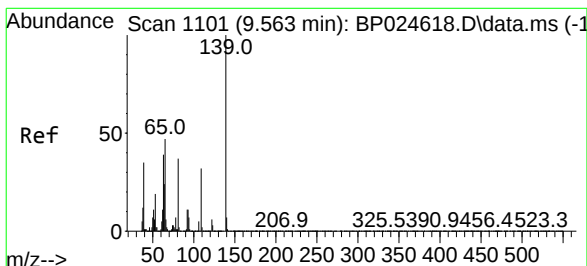
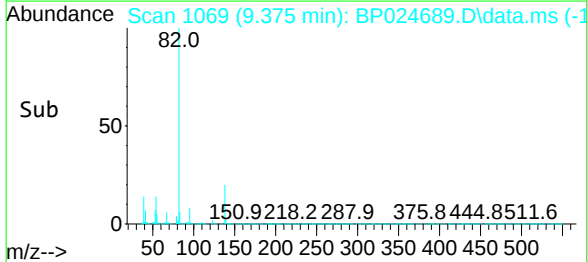
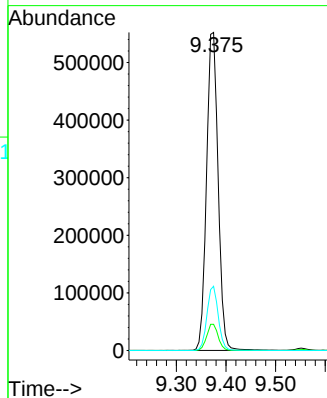
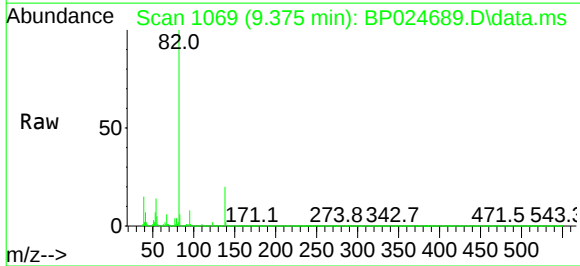
Tgt Ion: 82 Resp: 894332

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

138 20.2 15.3 22.9



#26

2-Nitrophenol

Concen: 46.011 ng

RT: 9.551 min Scan# 1099

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

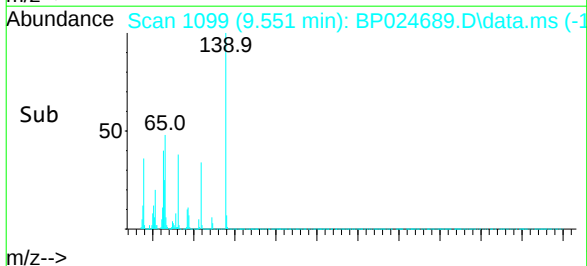
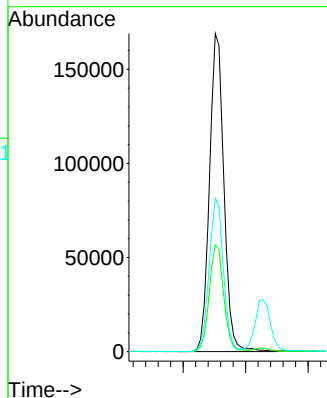
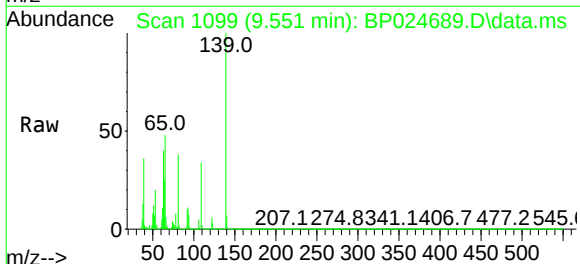
Tgt Ion: 139 Resp: 270571

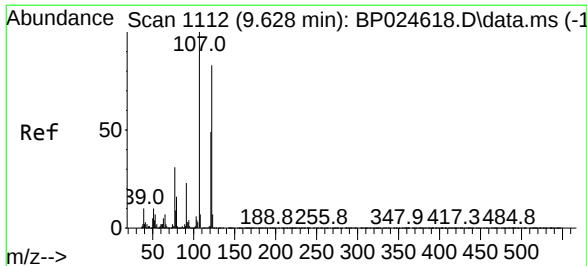
Ion Ratio Lower Upper

139 100

109 33.6 25.9 38.9

65 48.3 37.9 56.9

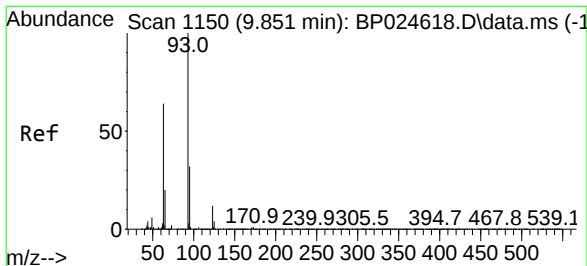
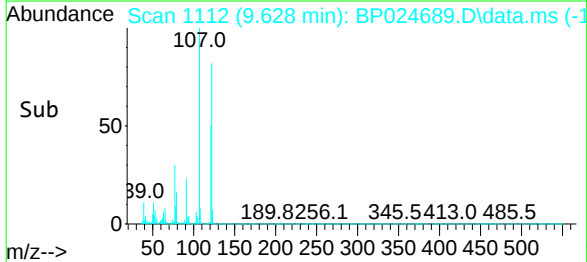
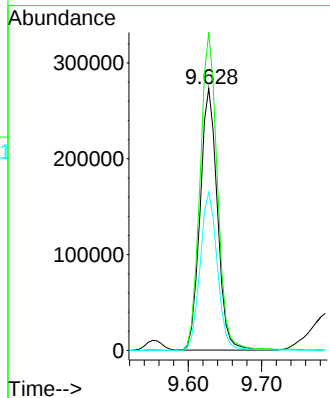
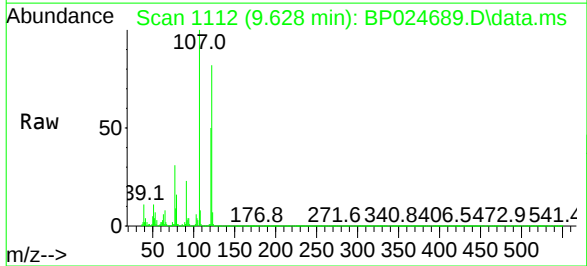




#27
2,4-Dimethylphenol
Concen: 43.076 ng
RT: 9.628 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

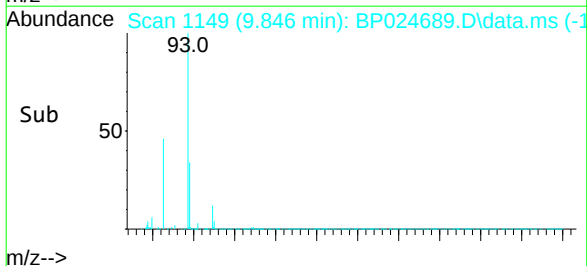
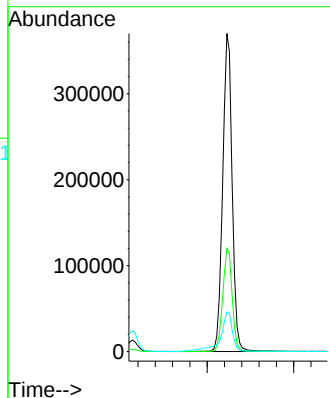
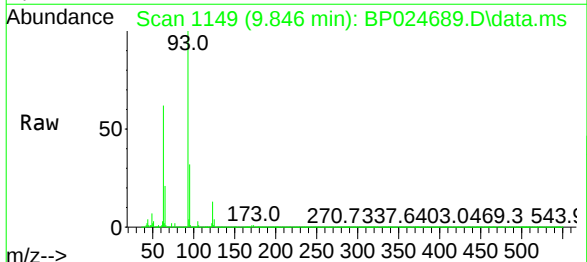
Instrument :
BNA_P
ClientSampleId :
PB168041BS

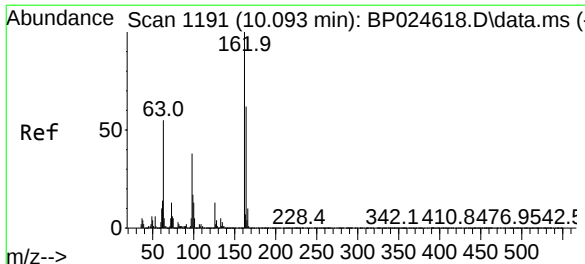
Tgt Ion:122 Resp: 446622
Ion Ratio Lower Upper
122 100
107 121.3 96.2 144.2
121 60.4 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.854 ng
RT: 9.846 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion: 93 Resp: 563242
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.541 ng

RT: 10.104 min Scan# 1191

Delta R.T. 0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

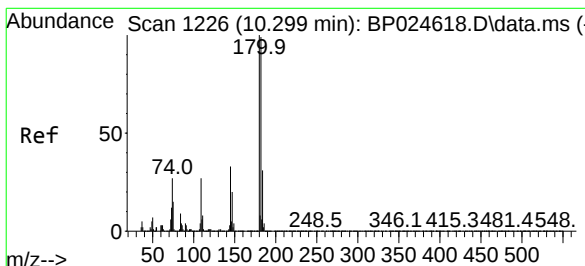
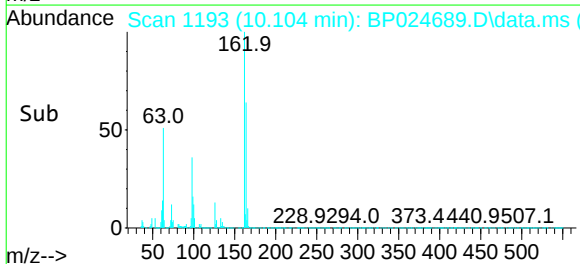
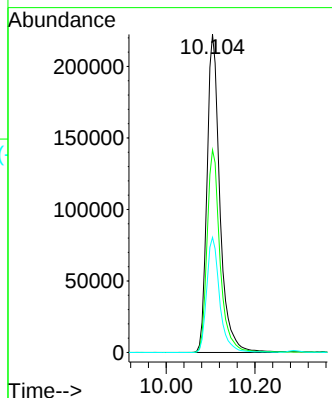
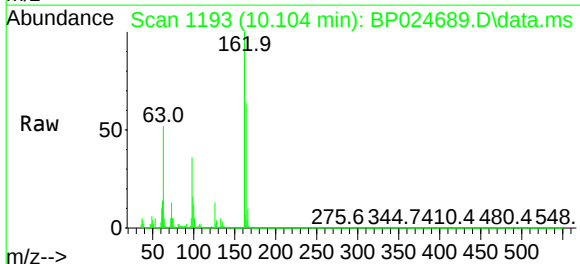
Tgt Ion:162 Resp: 447514

Ion Ratio Lower Upper

162 100

164 63.7 42.3 82.3

98 36.2 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 43.916 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

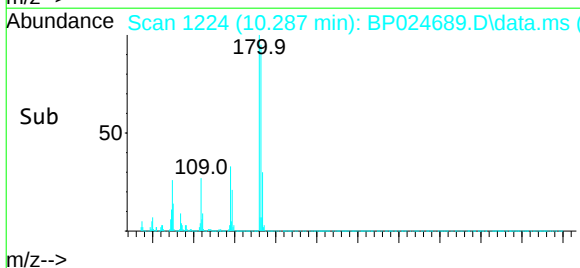
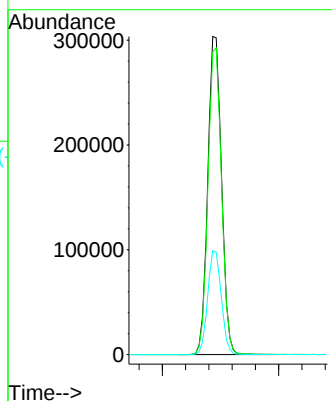
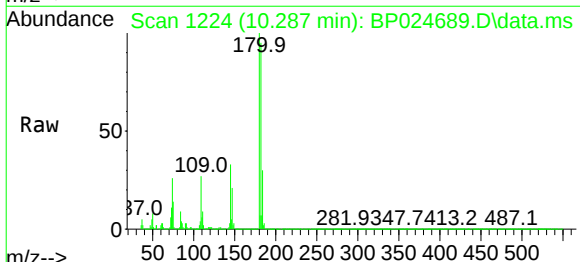
Tgt Ion:180 Resp: 497228

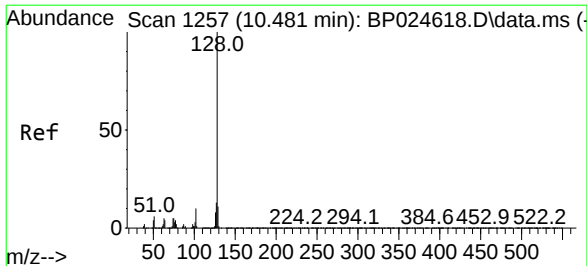
Ion Ratio Lower Upper

180 100

182 95.1 79.0 118.4

145 32.6 26.6 39.8





#31

Naphthalene

Concen: 42.246 ng

RT: 10.481 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

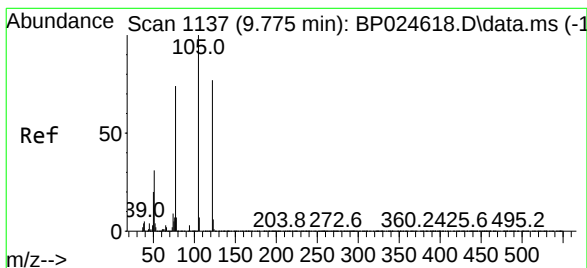
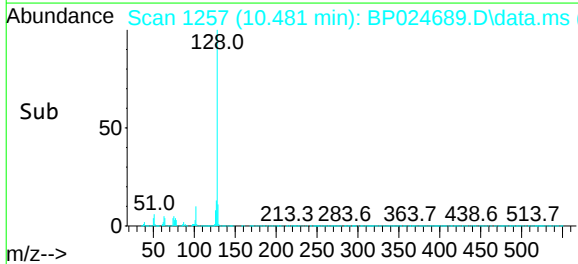
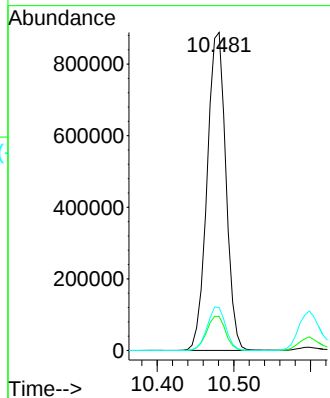
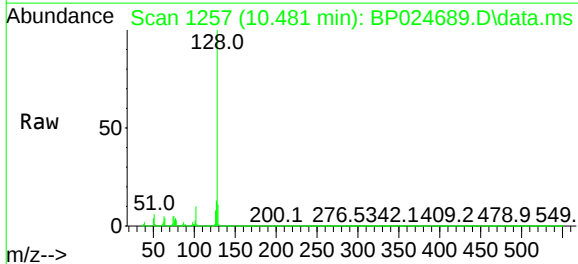
Tgt Ion:128 Resp: 1508450

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 37.214 ng

RT: 9.816 min Scan# 1144

Delta R.T. 0.041 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

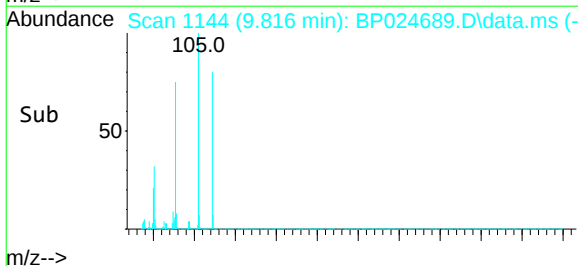
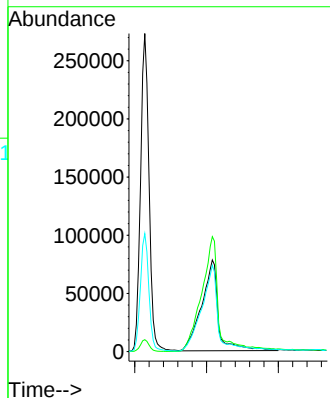
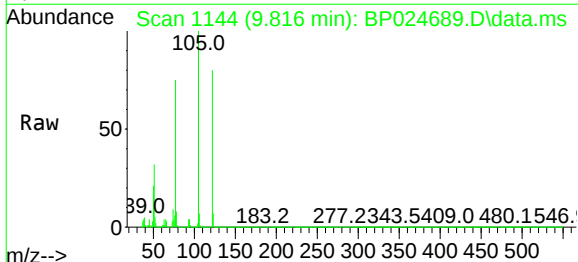
Tgt Ion:122 Resp: 254266

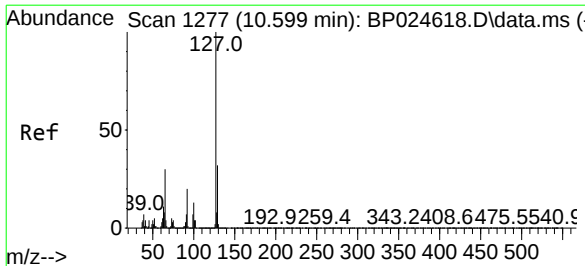
Ion Ratio Lower Upper

122 100

105 125.5 106.9 146.9

77 94.3 75.1 115.1





#33

4-Chloroaniline

Concen: 16.696 ng

RT: 10.598 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:127 Resp: 240561

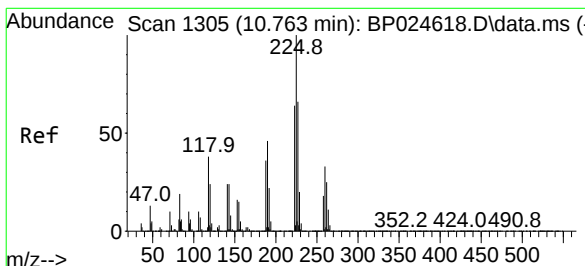
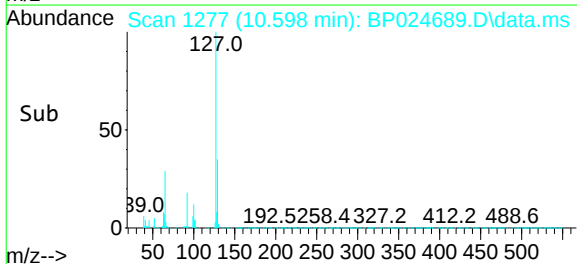
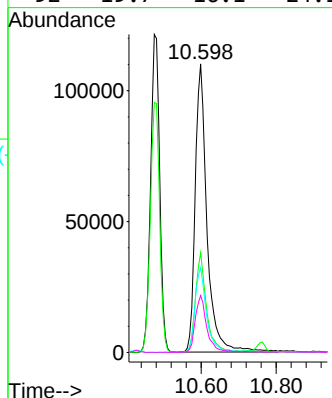
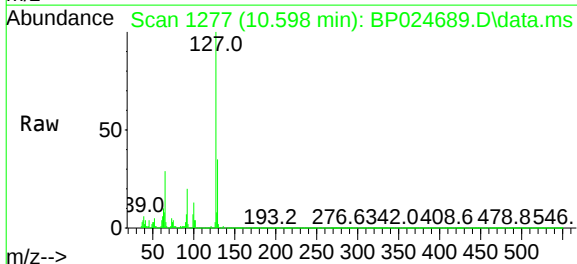
Ion Ratio Lower Upper

127 100

129 34.5 25.8 38.6

65 29.3 23.9 35.9

92 19.7 16.1 24.1



#34

Hexachlorobutadiene

Concen: 44.181 ng

RT: 10.763 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

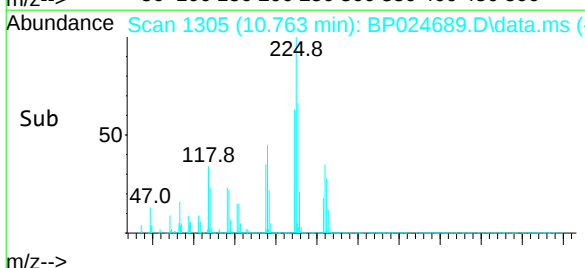
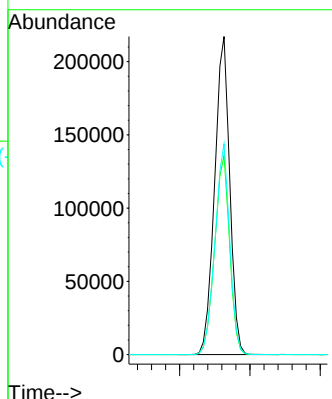
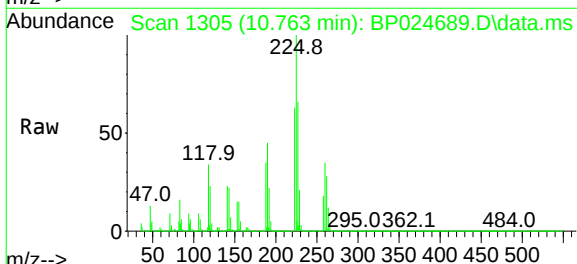
Tgt Ion:225 Resp: 324047

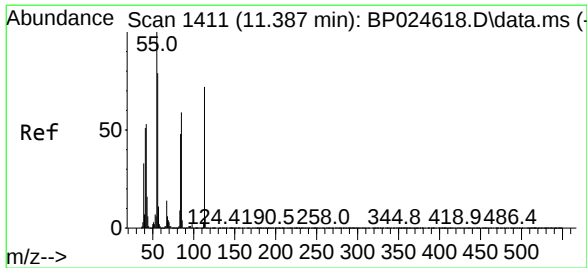
Ion Ratio Lower Upper

225 100

223 62.5 51.0 76.6

227 66.3 53.1 79.7





#35

Caprolactam

Concen: 33.532 ng

RT: 11.398 min Scan# 1411

Delta R.T. 0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

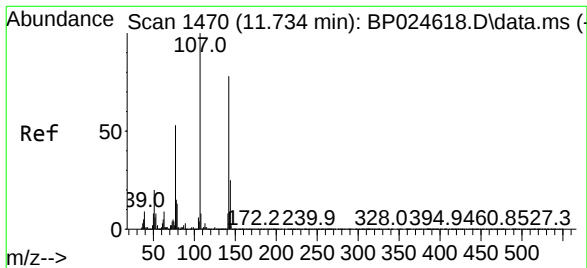
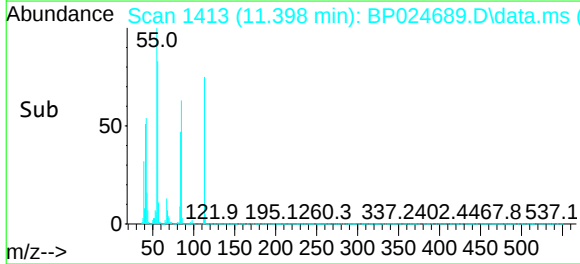
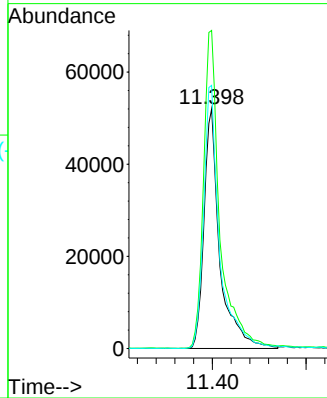
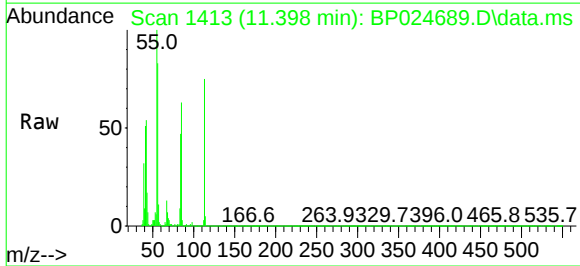
Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:	113	Resp:	121891
Ion	Ratio	Lower	Upper
113	100		
55	132.8	119.0	159.0
56	109.9	90.3	130.3



#36

4-Chloro-3-methylphenol

Concen: 38.713 ng

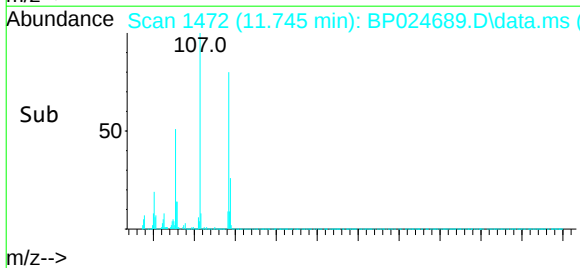
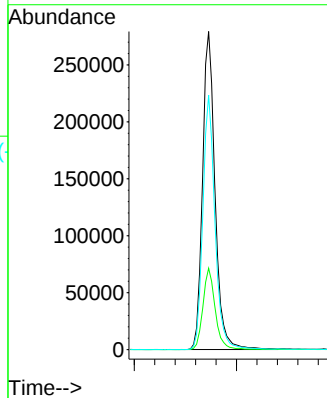
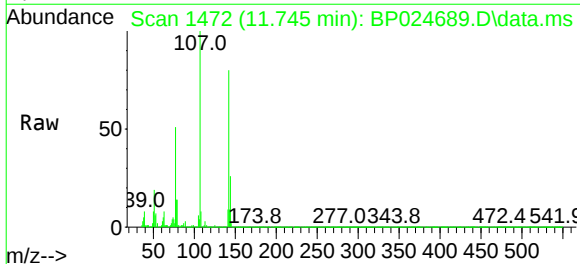
RT: 11.745 min Scan# 1472

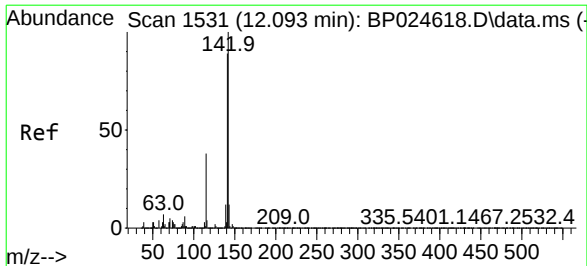
Delta R.T. 0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:	107	Resp:	474335
Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	80.0	62.1	93.1





#37

2-Methylnaphthalene

Concen: 40.370 ng

RT: 12.087 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

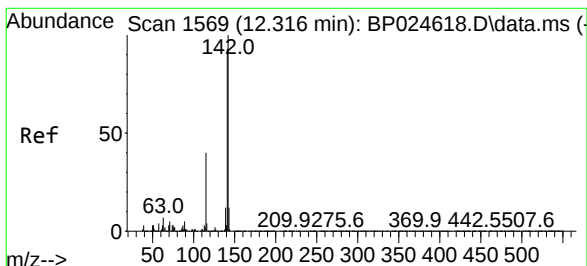
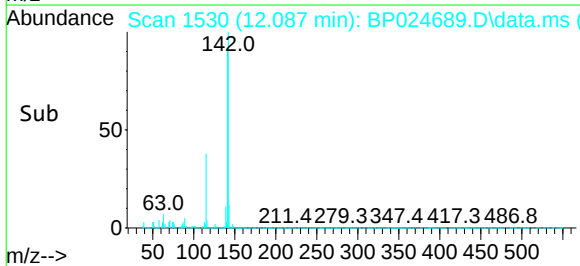
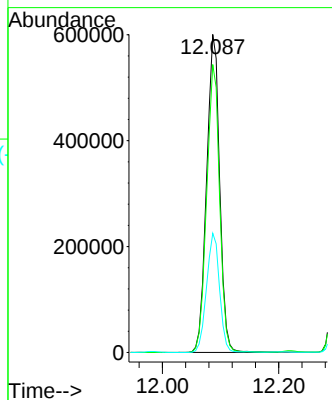
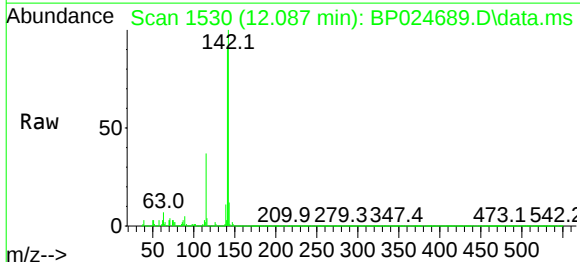
Tgt Ion:142 Resp: 933364

Ion Ratio Lower Upper

142 100

141 90.5 71.2 106.8

115 37.5 30.6 46.0



#38

1-Methylnaphthalene

Concen: 39.457 ng

RT: 12.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

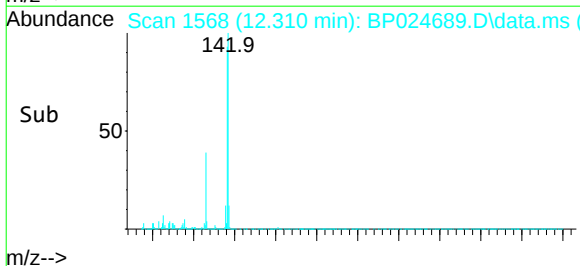
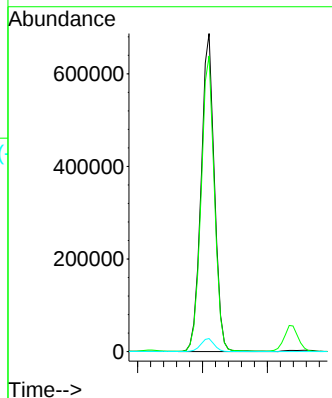
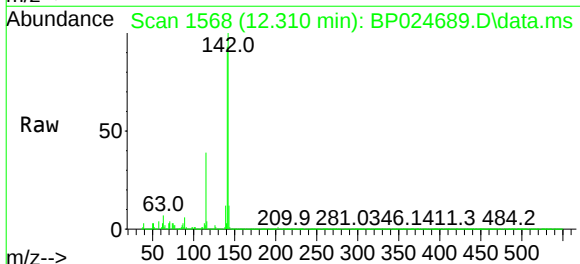
Tgt Ion:142 Resp: 976101

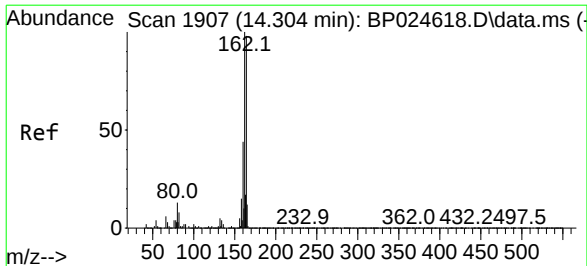
Ion Ratio Lower Upper

142 100

141 93.0 74.7 112.1

116 4.1 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

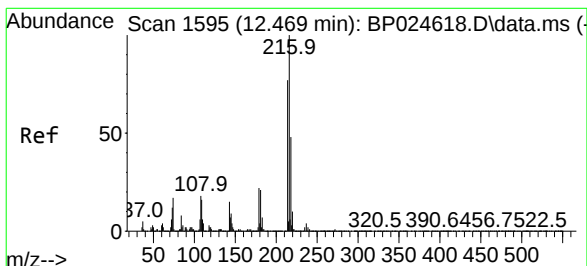
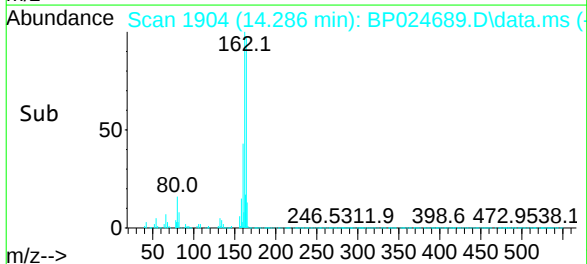
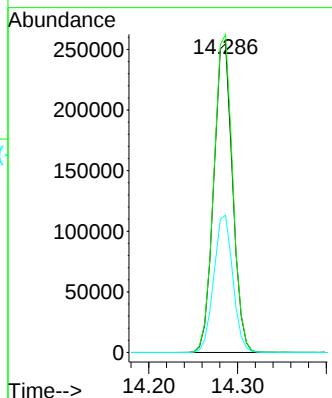
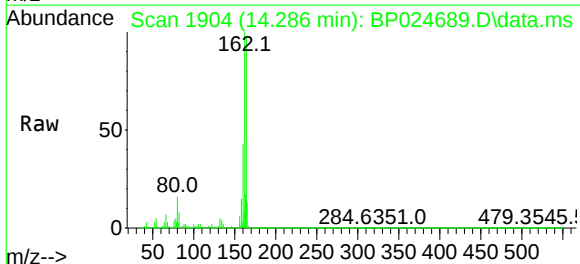
Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:	164	Resp:	377539
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.8	122.6
160	44.5	36.3	54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.430 ng

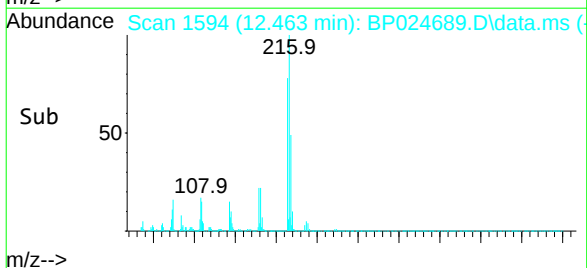
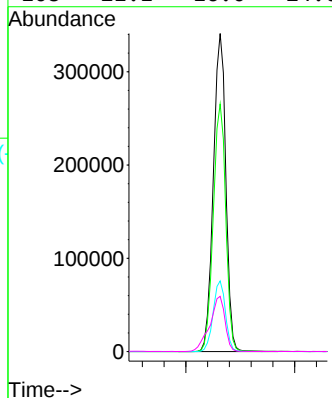
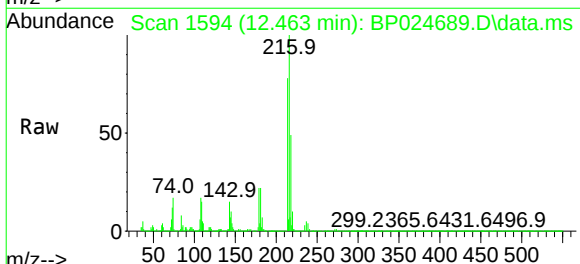
RT: 12.463 min Scan# 1594

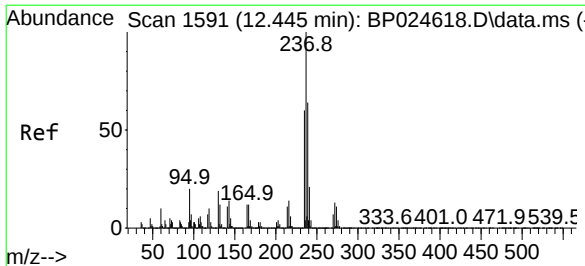
Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:	216	Resp:	541911
Ion Ratio	Lower	Upper	
216	100		
214	77.9	62.3	93.5
179	22.0	17.7	26.5
108	21.1	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 106.529 ng

RT: 12.440 min Scan# 1591

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

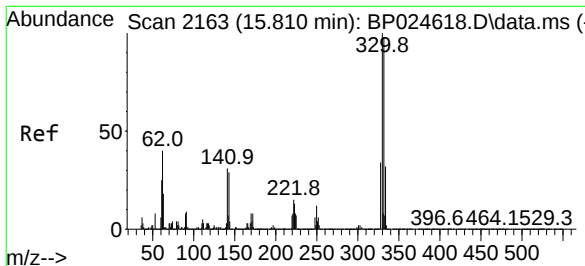
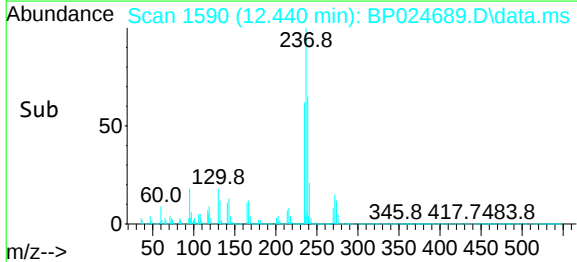
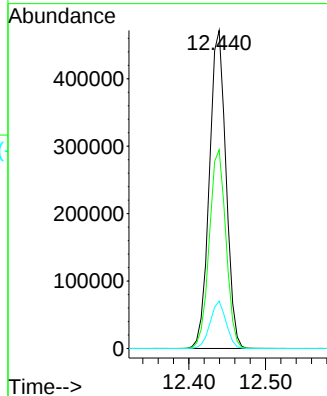
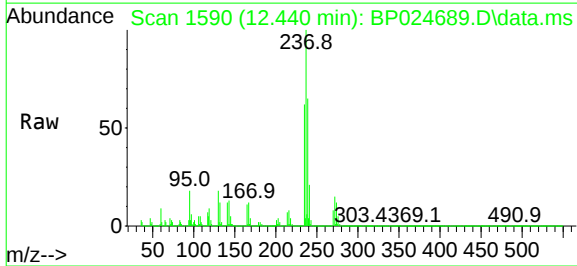
Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:	237	Resp:	708183
Ion	Ratio	Lower	Upper
237	100		
235	62.5	39.9	79.9
272	14.9	0.0	33.2



#42

2,4,6-Tribromophenol

Concen: 121.351 ng

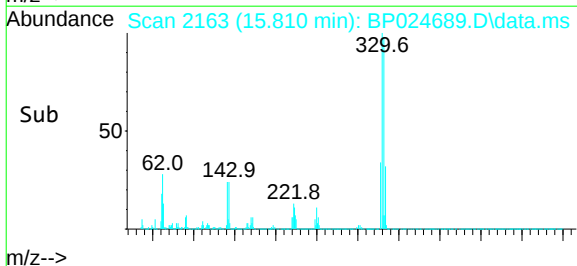
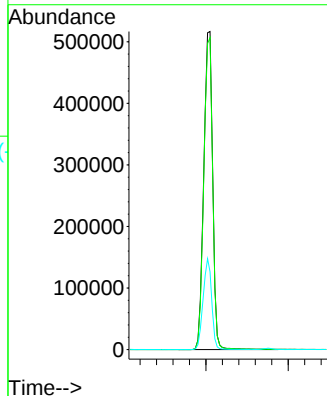
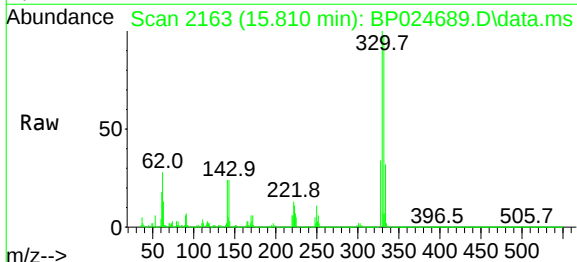
RT: 15.810 min Scan# 2163

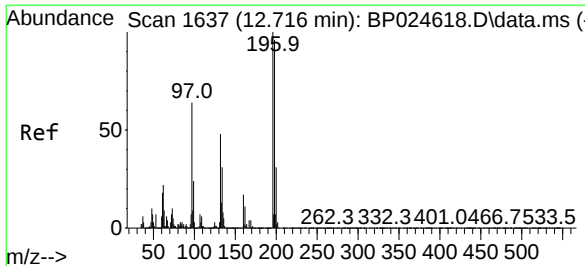
Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:	330	Resp:	776691
Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	27.5	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 48.399 ng

RT: 12.716 min Scan# 16

Delta R.T. -0.000 min

Lab File: BP024689.D

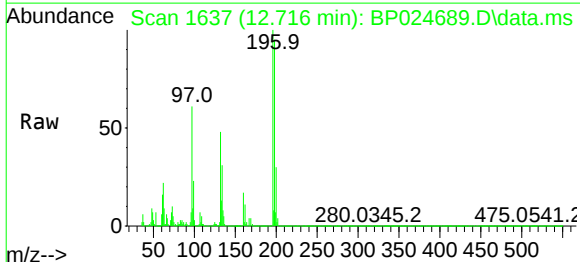
Acq: 19 May 2025 14:50

Instrument :

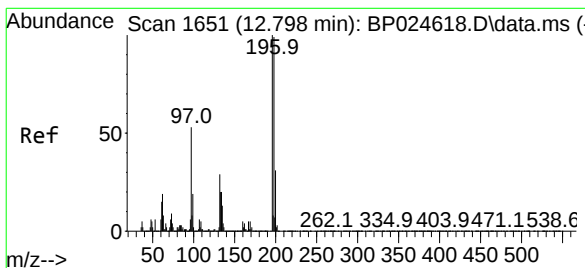
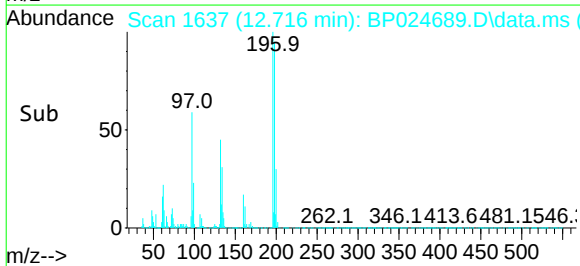
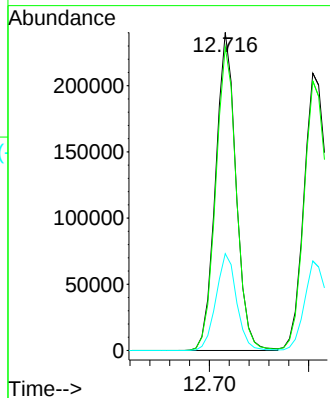
BNA_P

ClientSampleId :

PB168041BS



Tgt Ion	196	198	200
Ratio	100	95.5	30.4
Lower		76.9	25.2
Upper		115.3	37.8



#44

2,4,5-Trichlorophenol

Concen: 45.922 ng

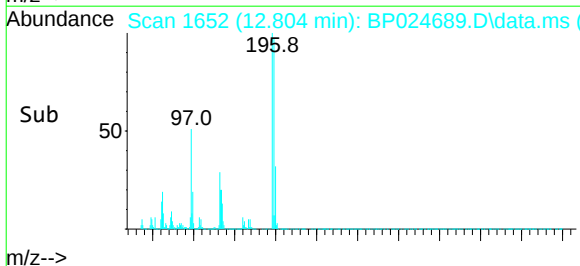
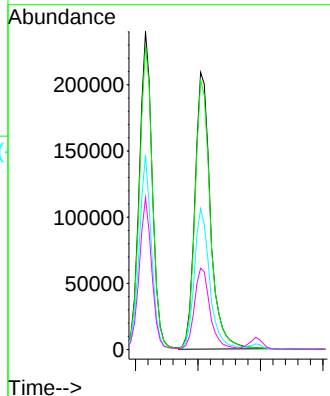
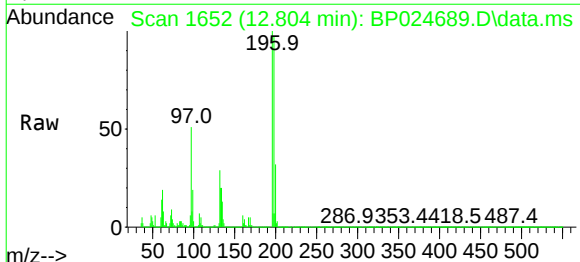
RT: 12.804 min Scan# 1652

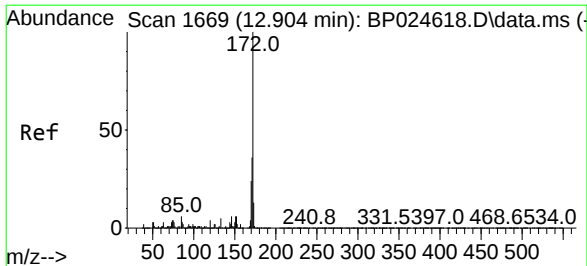
Delta R.T. 0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion	196	198	97	132
Ratio	100	97.2	50.8	29.4
Lower		79.2	42.3	23.3
Upper		118.8	63.5	34.9

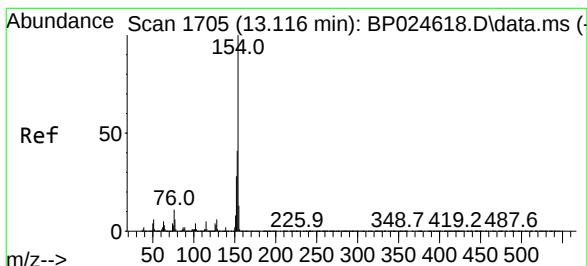
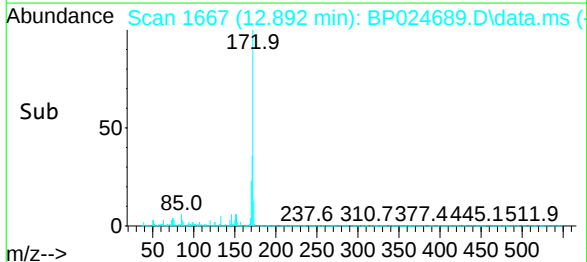
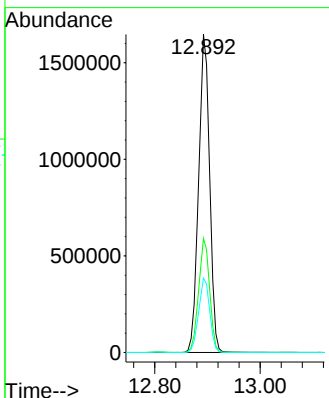
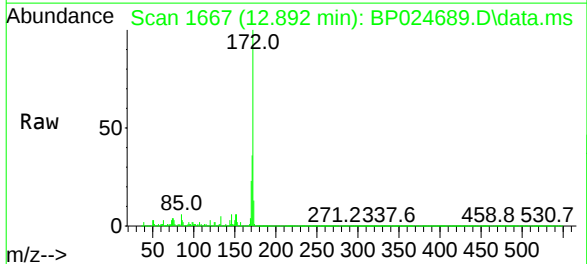




#45
2-Fluorobiphenyl
Concen: 82.780 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

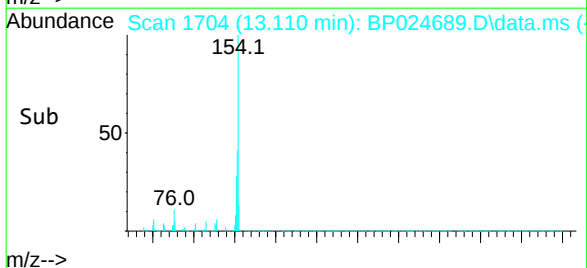
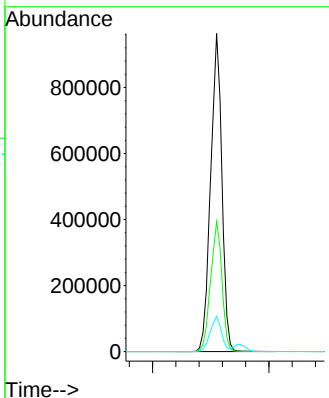
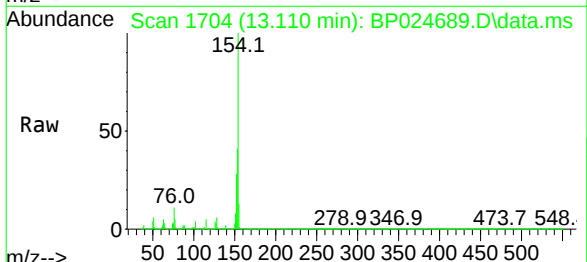
Instrument :
BNA_P
ClientSampleId :
PB168041BS

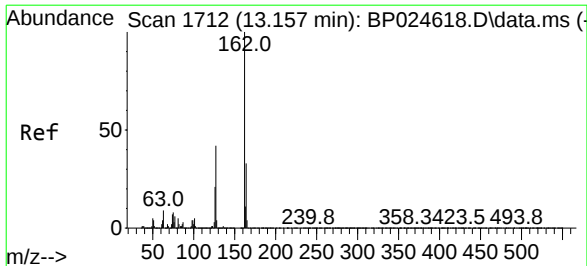
Tgt Ion:172 Resp: 2385462
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 46.420 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:154 Resp: 1295311
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 11.1 0.0 31.5





#47

2-Chloronaphthalene

Concen: 46.494 ng

RT: 13.151 min Scan# 1712

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

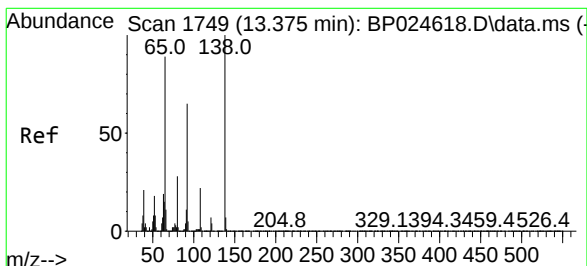
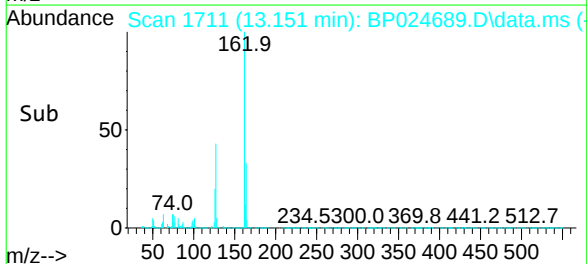
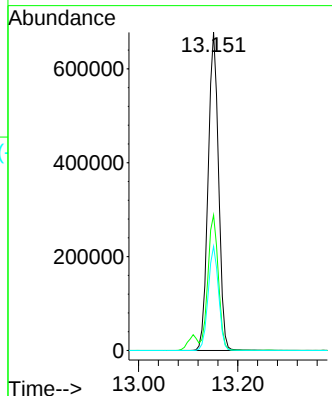
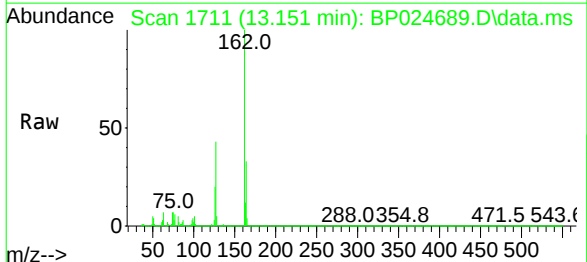
Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:	162	Resp:	989216
Ion Ratio	Lower	Upper	
162	100		
127	42.6	33.8	50.6
164	32.7	26.0	39.0



#48

2-Nitroaniline

Concen: 40.819 ng

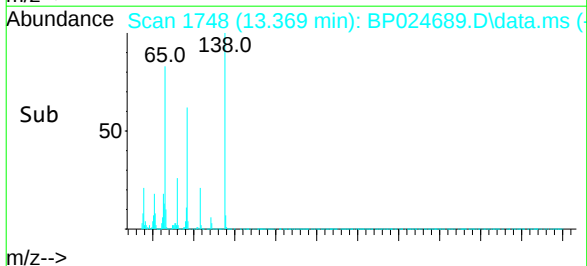
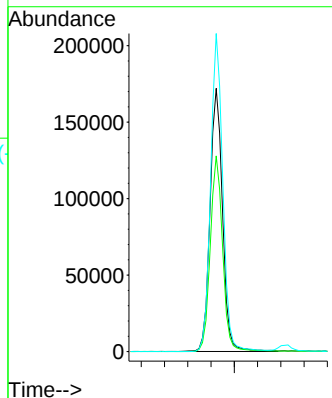
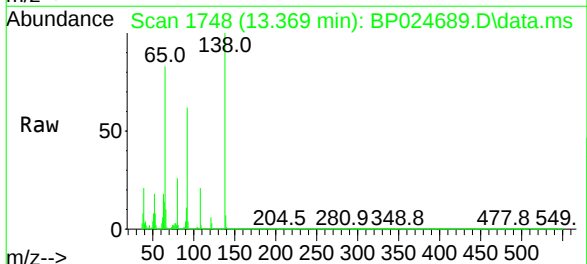
RT: 13.369 min Scan# 1748

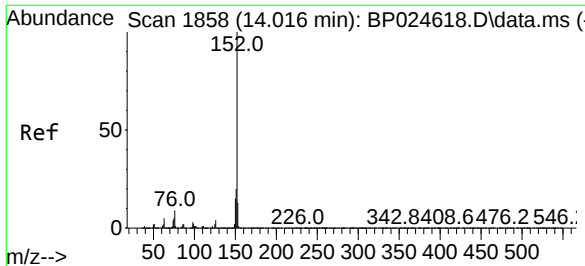
Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:	65	Resp:	257122
Ion Ratio	Lower	Upper	
65	100		
92	74.3	58.7	88.1
138	120.8	90.2	135.2





#49

Acenaphthylene

Concen: 43.522 ng

RT: 14.004 min Scan# 18

Delta R.T. -0.012 min

Lab File: BP024689.D

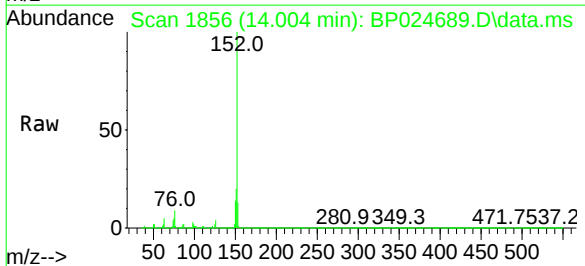
Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS



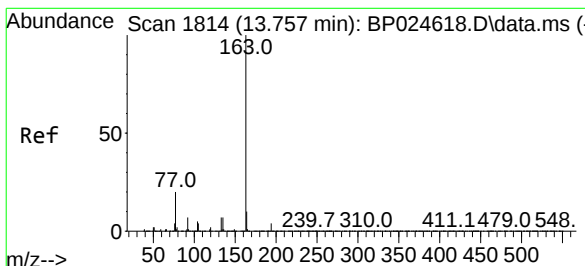
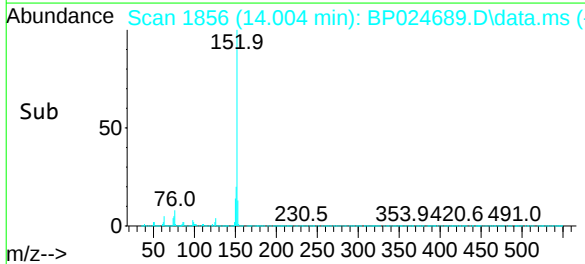
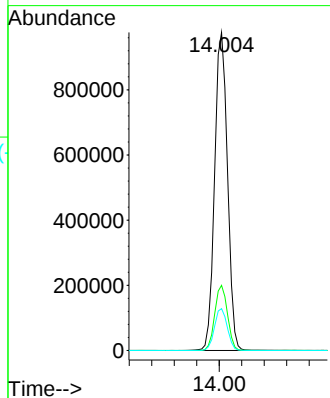
Tgt Ion:152 Resp: 1549623

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.2 10.2 15.4



#50

Dimethylphthalate

Concen: 40.363 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

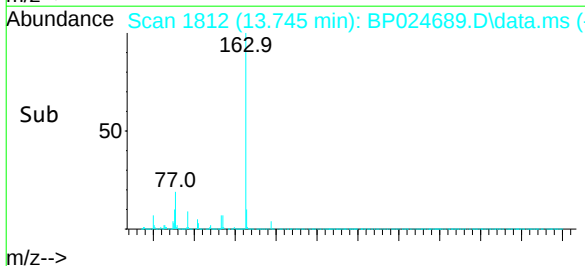
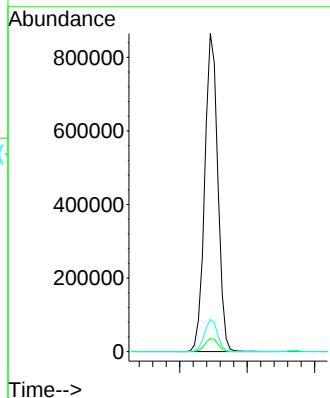
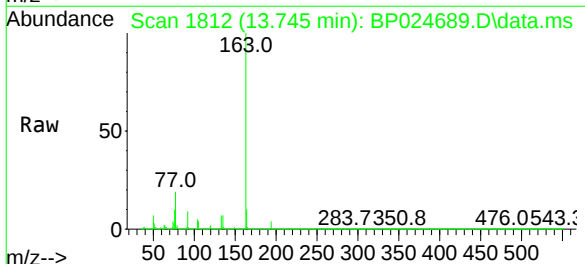
Tgt Ion:163 Resp: 1161487

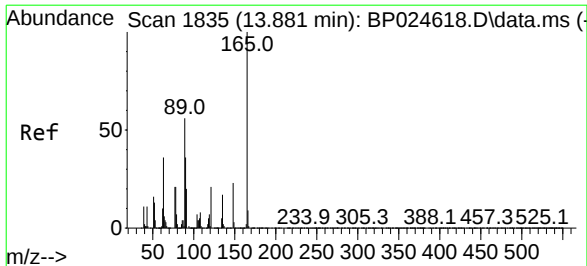
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

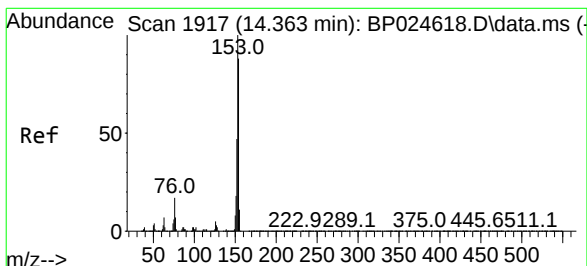
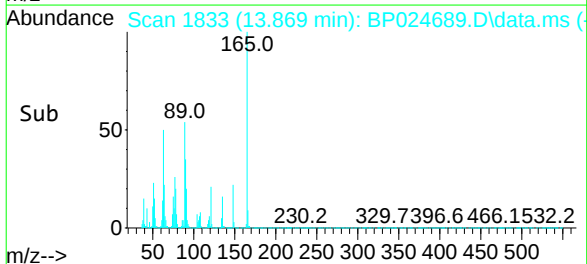
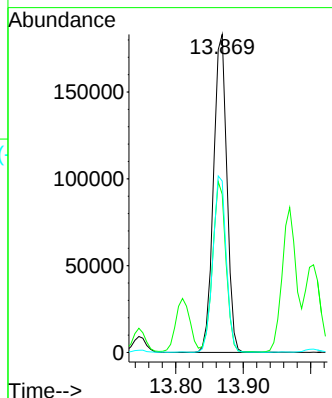
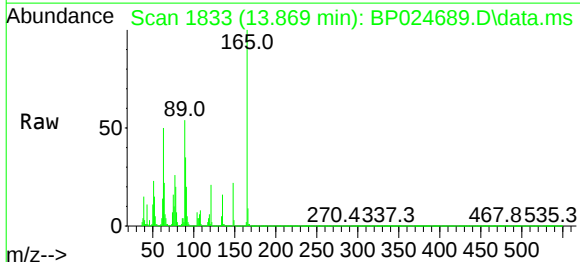




#51
2,6-Dinitrotoluene
Concen: 41.507 ng
RT: 13.869 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

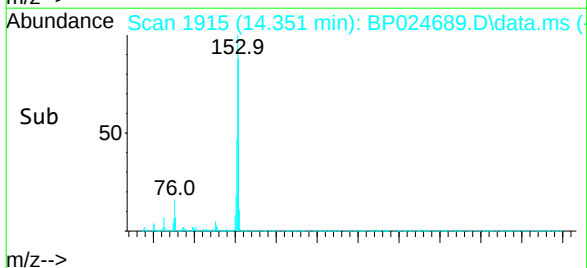
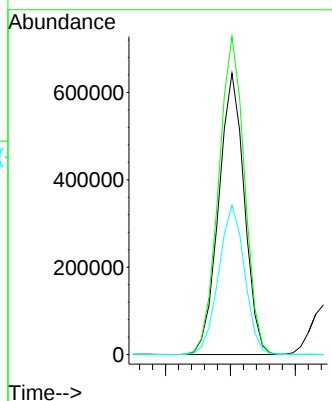
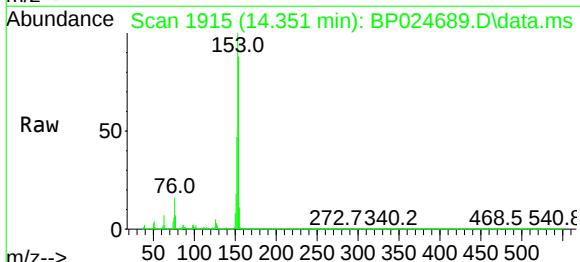
Instrument :
BNA_P
ClientSampleId :
PB168041BS

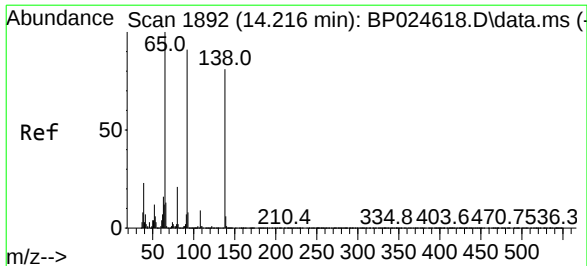
Tgt Ion:	165	Resp:	252252
Ion Ratio	Lower	Upper	
165	100		
63	49.7	42.4	63.6
89	53.9	44.8	67.2



#52
Acenaphthene
Concen: 43.149 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:	154	Resp:	883211
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.0	136.4
152	53.1	42.9	64.3





#53

3-Nitroaniline

Concen: 20.883 ng

RT: 14.204 min Scan# 18

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

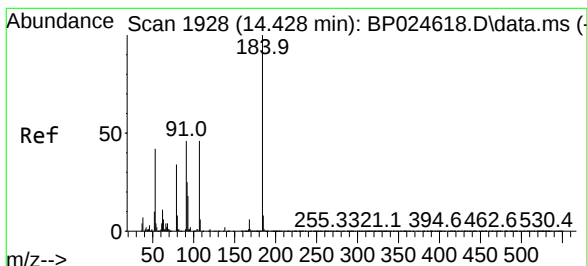
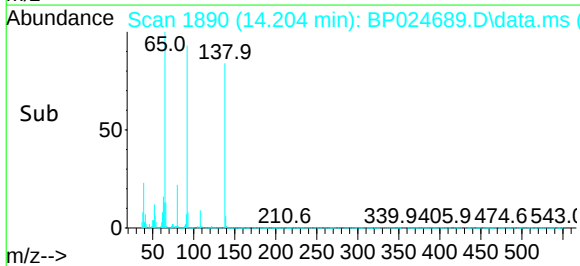
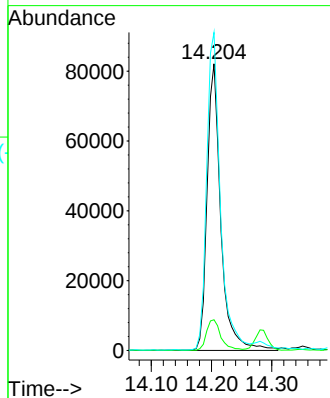
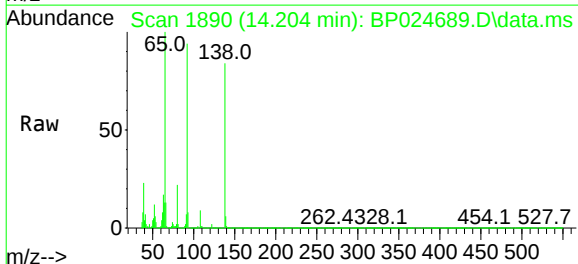
Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:	138	Resp:	129590
Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.4
92	110.9	90.1	135.1



#54

2,4-Dinitrophenol

Concen: 74.510 ng

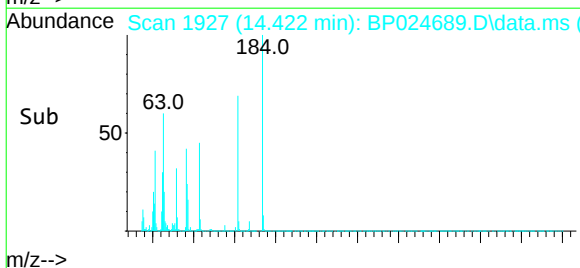
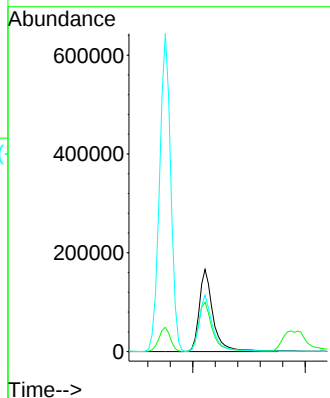
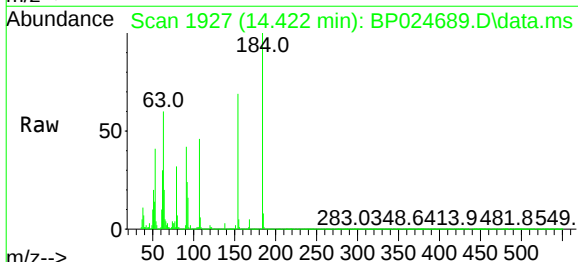
RT: 14.422 min Scan# 1927

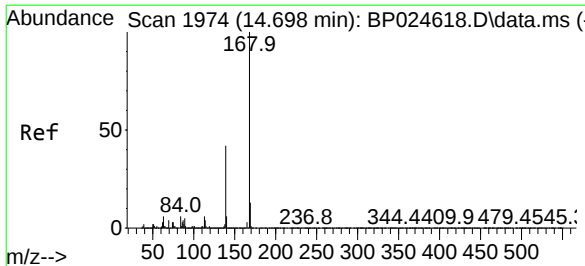
Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:	184	Resp:	283716
Ion	Ratio	Lower	Upper
184	100		
63	60.2	51.3	76.9
154	68.6	53.5	80.3





#55

Dibenzenofuran

Concen: 42.542 ng

RT: 14.692 min Scan# 19

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

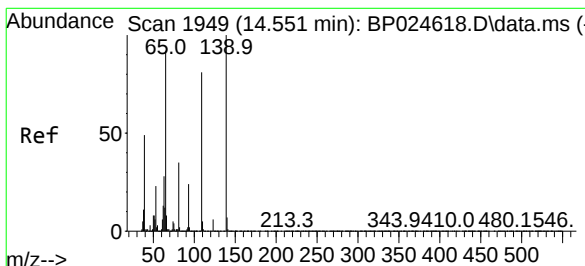
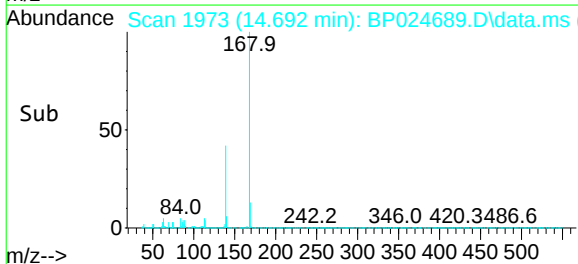
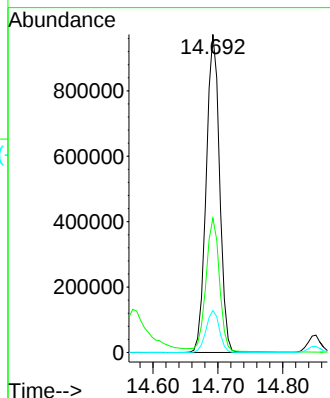
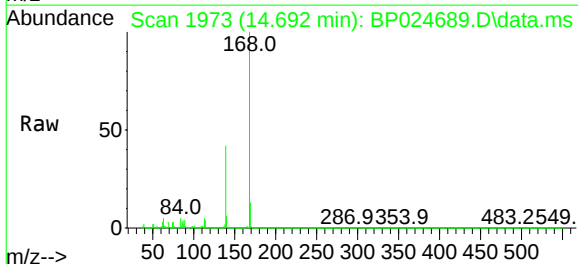
Tgt Ion:168 Resp: 1388976

Ion Ratio Lower Upper

168 100

139 42.2 34.2 51.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 62.960 ng

RT: 14.569 min Scan# 1952

Delta R.T. 0.018 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

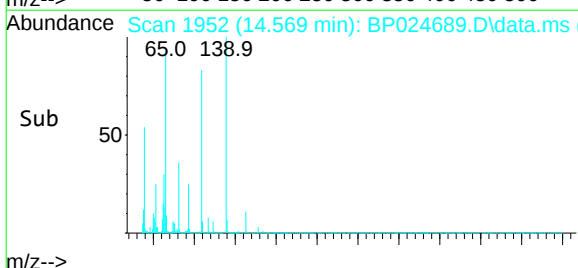
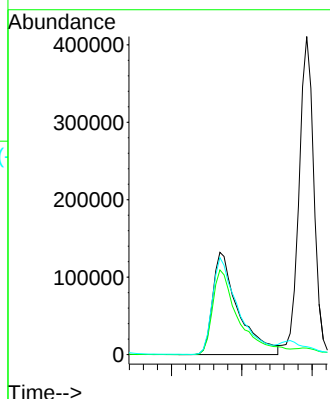
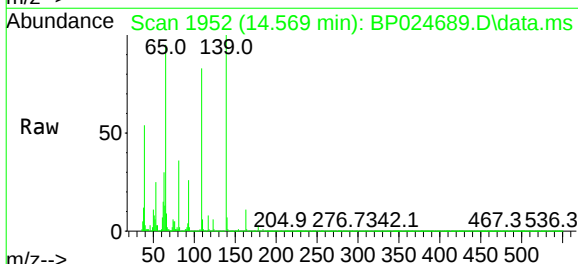
Tgt Ion:139 Resp: 333127

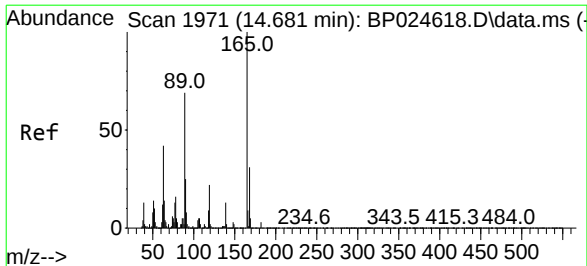
Ion Ratio Lower Upper

139 100

109 82.8 61.4 101.4

65 94.9 72.2 112.2





#57

2,4-Dinitrotoluene

Concen: 39.993 ng

RT: 14.669 min Scan# 19

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:165 Resp: 342662

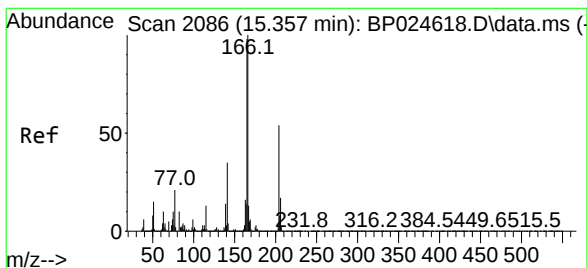
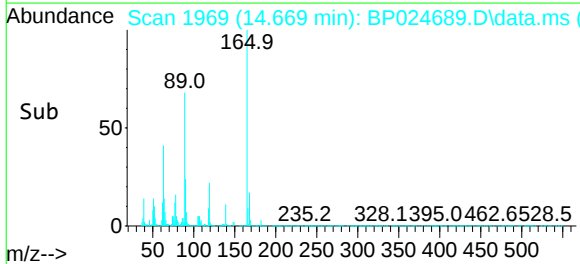
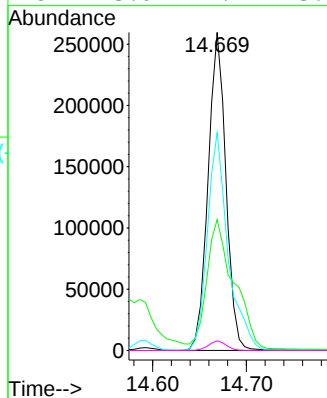
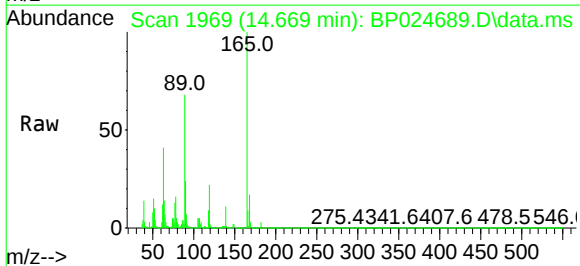
Ion Ratio Lower Upper

165 100

63 41.1 33.8 50.6

89 68.5 55.6 83.4

182 3.0 2.4 3.6



#58

Fluorene

Concen: 41.100 ng

RT: 15.351 min Scan# 2085

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

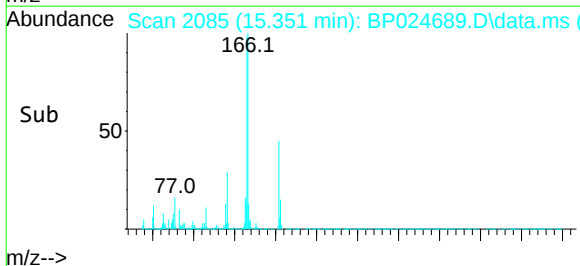
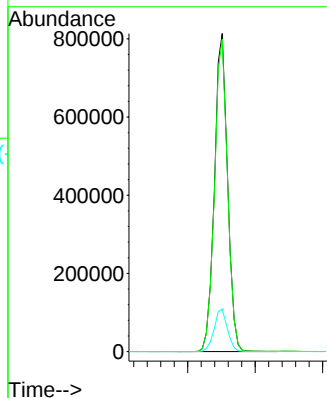
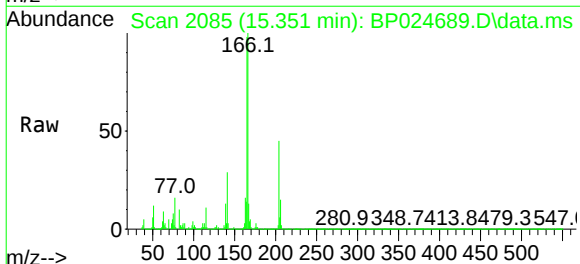
Tgt Ion:166 Resp: 1094155

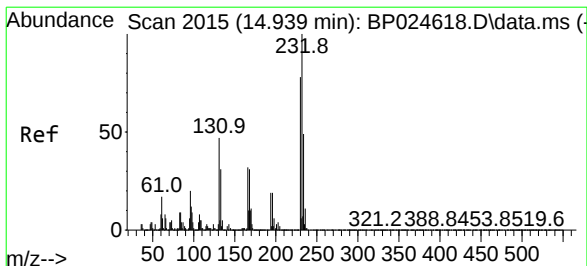
Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.805 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024689.D

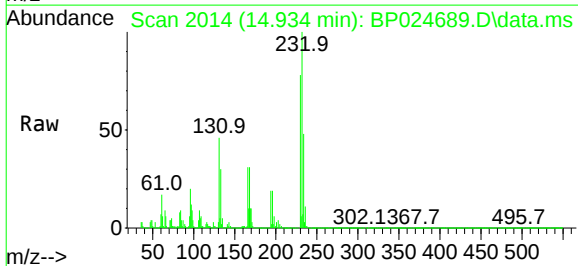
Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS



Tgt Ion:232 Resp: 299203

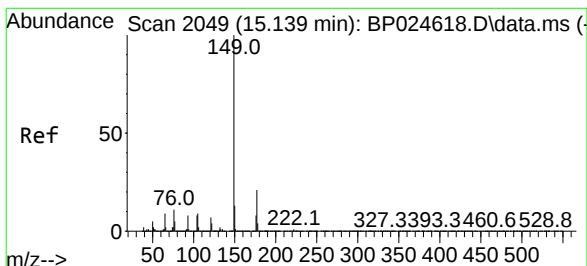
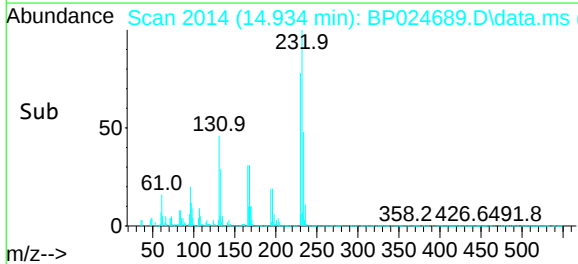
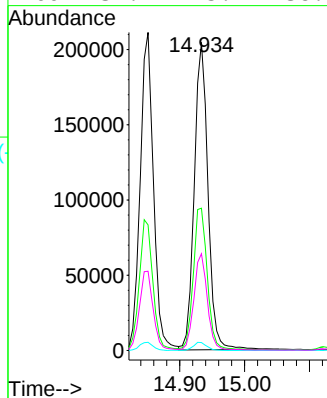
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

232	100		
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131	48.1	39.5	59.3
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130	2.7	2.2	3.4
-----	-----	-----	-----

166	31.2	25.7	38.5
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#60

Diethylphthalate

Concen: 38.196 ng

RT: 15.122 min Scan# 2046

Delta R.T. -0.018 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

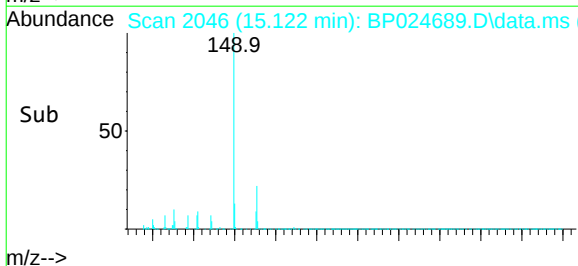
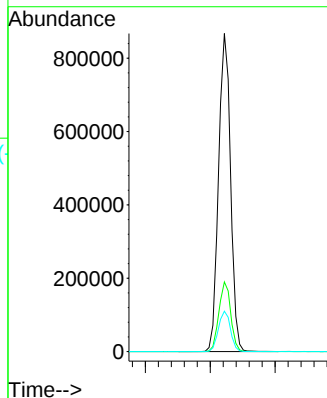
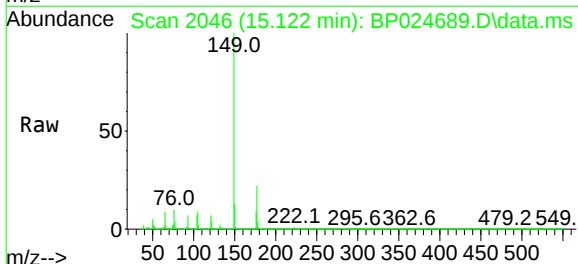
Tgt Ion:149 Resp: 1110914

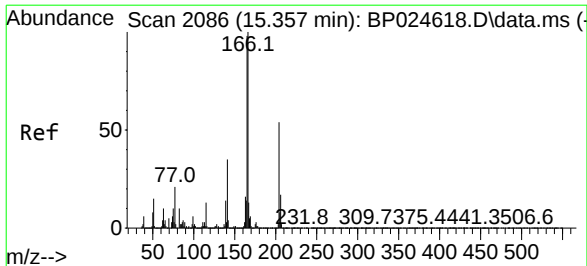
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

149	100		
-----	-----	--	--

177	21.9	16.7	25.1
-----	------	------	------

150	12.7	10.2	15.2
-----	------	------	------

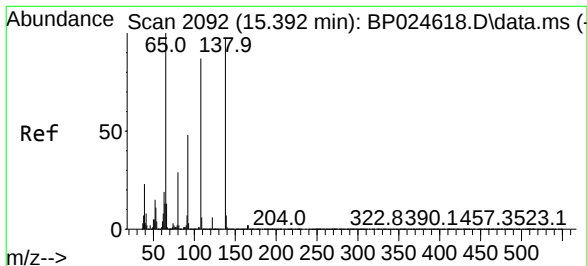
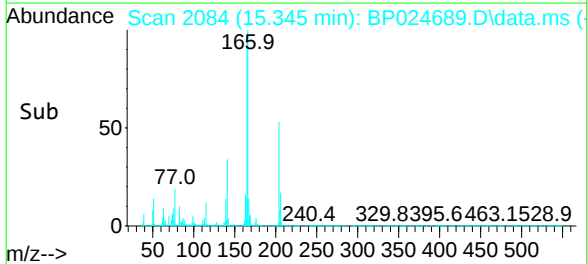
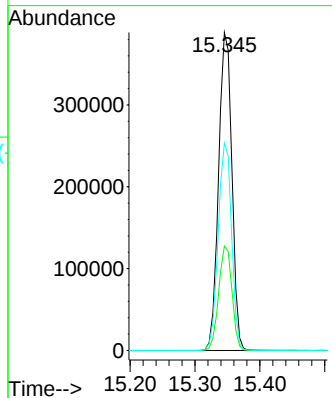
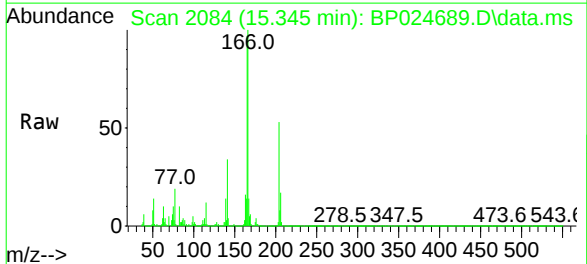




#61
4-Chlorophenyl-phenylether
Concen: 41.625 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

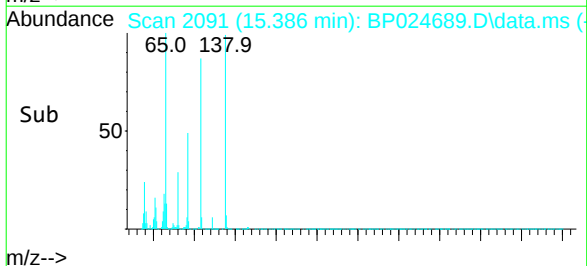
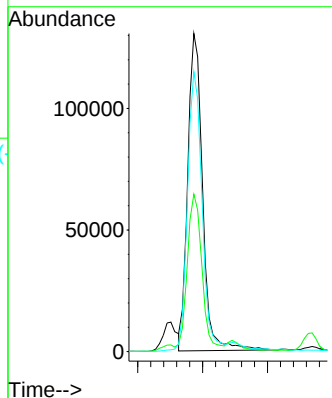
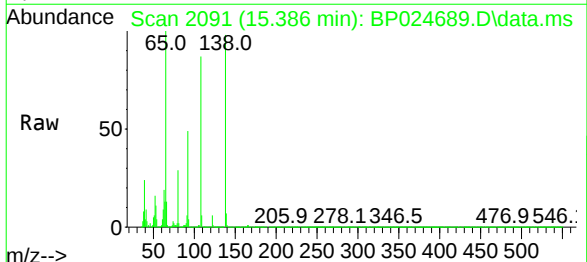
Instrument :
BNA_P
ClientSampleId :
PB168041BS

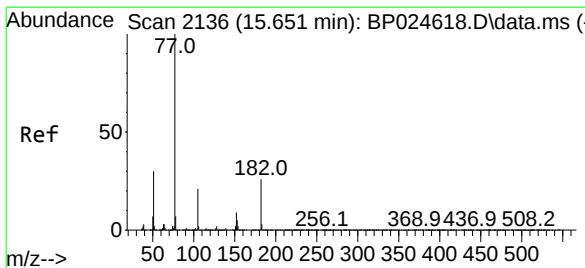
Tgt Ion:204 Resp: 552635
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 65.3 52.9 79.3



#62
4-Nitroaniline
Concen: 34.584 ng
RT: 15.386 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:138 Resp: 207218
Ion Ratio Lower Upper
138 100
92 49.5 29.2 69.2
108 88.0 69.0 109.0





#63

Azobenzene

Concen: 39.766 ng

RT: 15.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024689.D

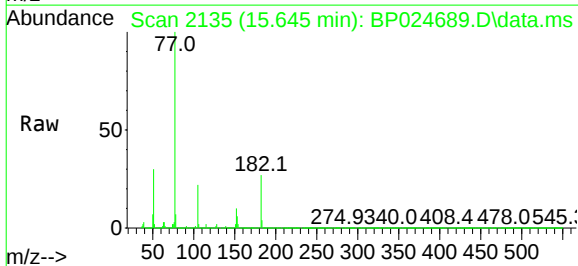
Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS



Tgt Ion: 77 Resp: 989411

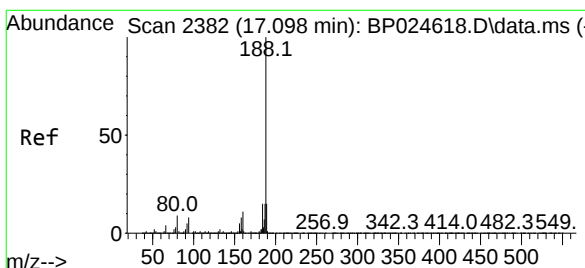
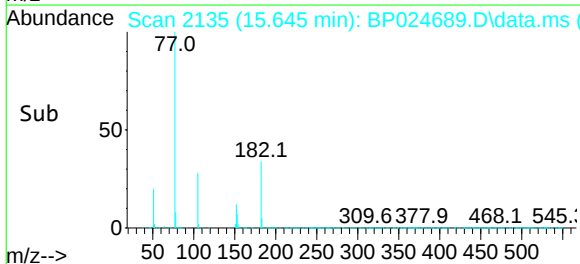
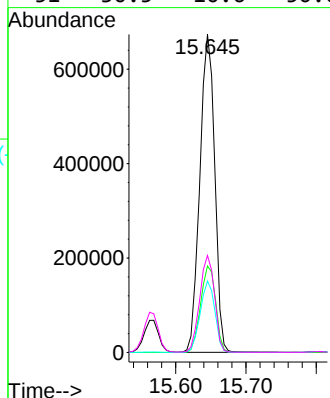
Ion Ratio Lower Upper

77 100

182 27.2 5.7 45.7

105 22.5 1.3 41.3

51 30.5 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.080 min Scan# 2379

Delta R.T. -0.018 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

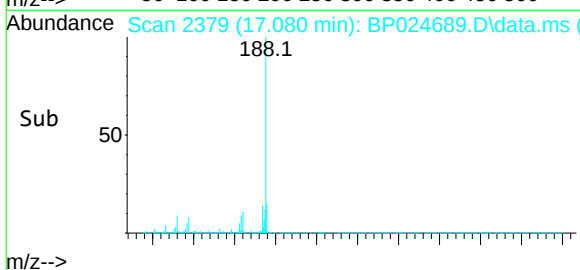
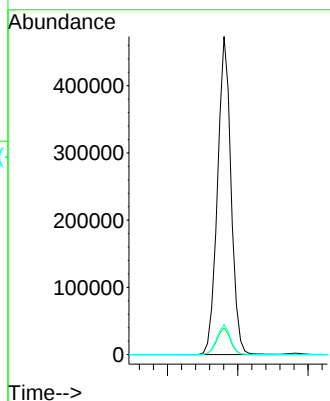
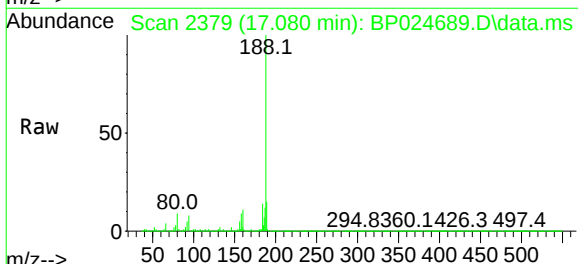
Tgt Ion: 188 Resp: 631736

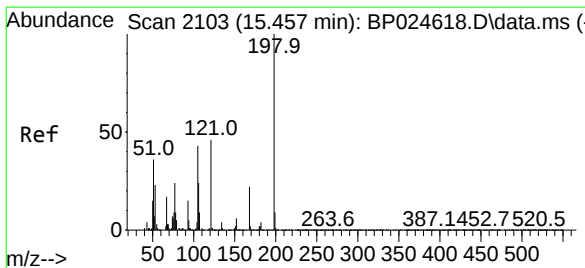
Ion Ratio Lower Upper

188 100

94 8.5 6.5 9.7

80 9.5 7.3 10.9

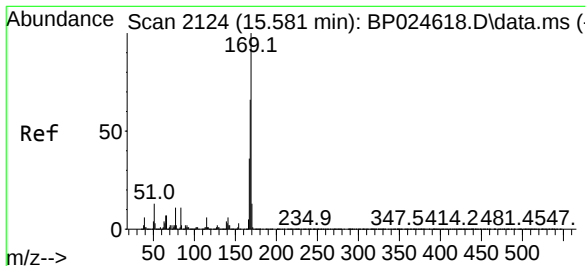
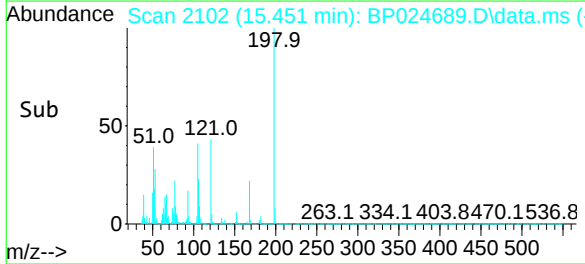
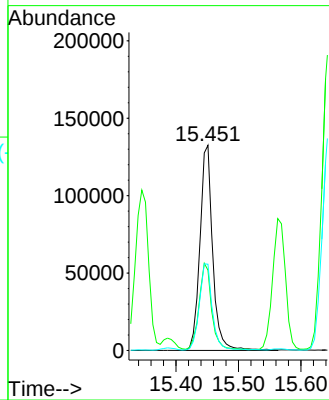
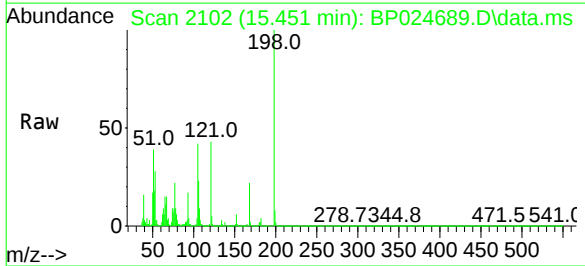




#65
4,6-Dinitro-2-methylphenol
Concen: 46.122 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

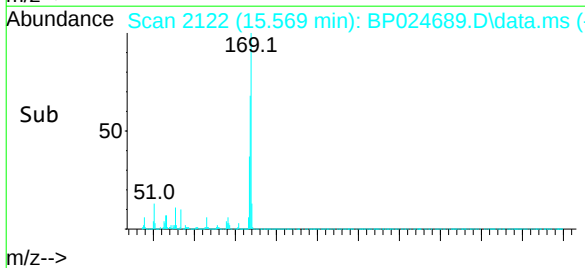
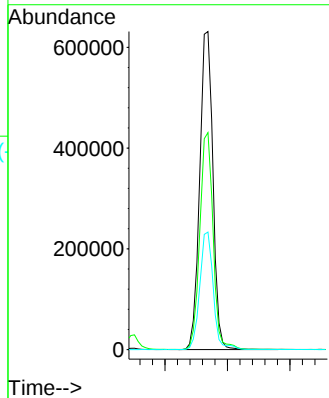
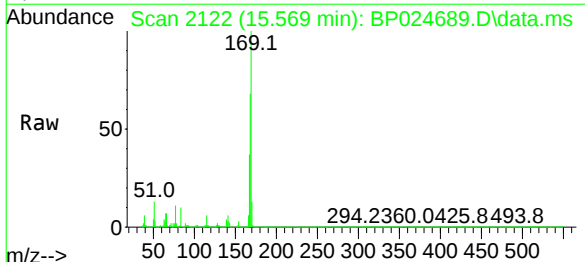
Instrument :
BNA_P
ClientSampleId :
PB168041BS

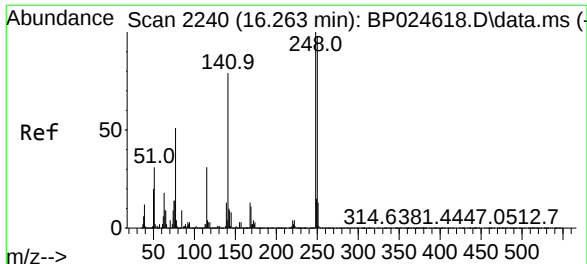
Tgt Ion:198 Resp: 188204
Ion Ratio Lower Upper
198 100
51 39.1 21.1 61.1
105 42.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 47.782 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:169 Resp: 927174
Ion Ratio Lower Upper
169 100
168 68.2 53.2 79.8
167 36.9 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 48.957 ng

RT: 16.257 min Scan# 2240

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

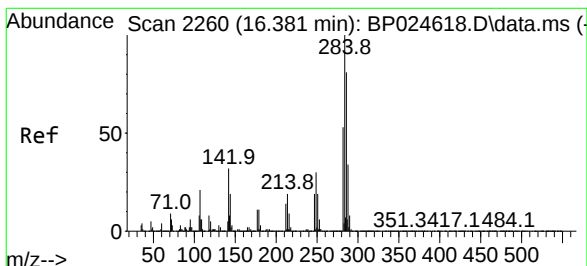
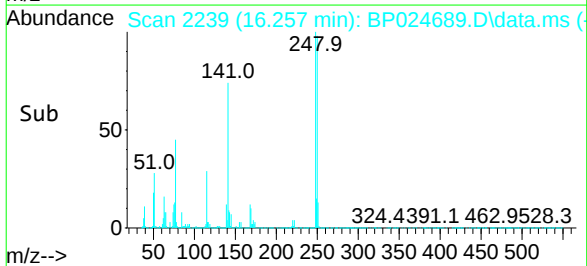
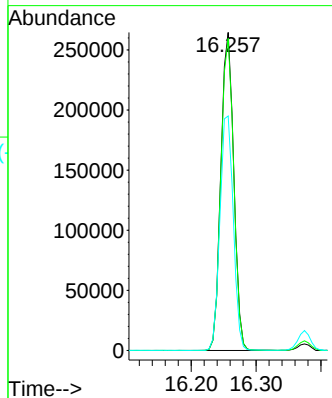
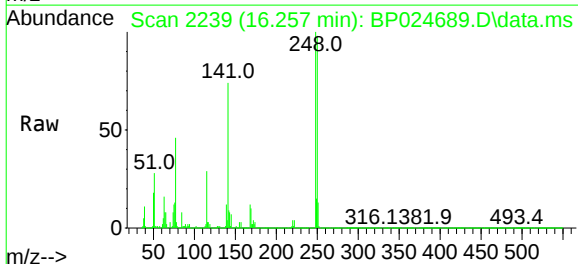
Tgt Ion:248 Resp: 364435

Ion Ratio Lower Upper

248 100

250 98.1 78.2 117.4

141 73.7 63.0 94.6



#68

Hexachlorobenzene

Concen: 48.715 ng

RT: 16.375 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

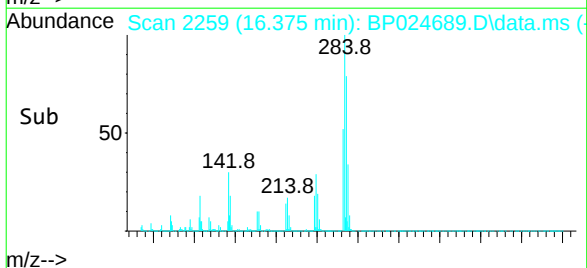
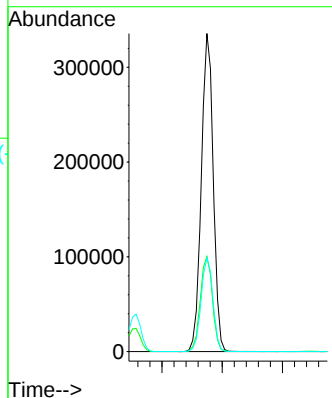
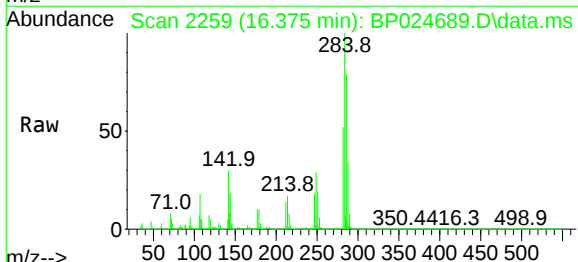
Tgt Ion:284 Resp: 460798

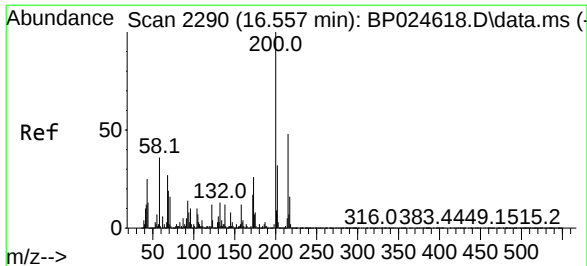
Ion Ratio Lower Upper

284 100

142 29.9 25.9 38.9

249 29.4 24.1 36.1





#69

Atrazine

Concen: 44.179 ng

RT: 16.545 min Scan# 22

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

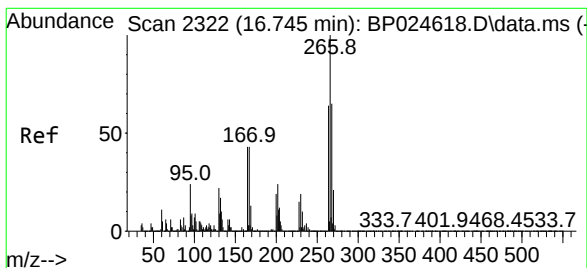
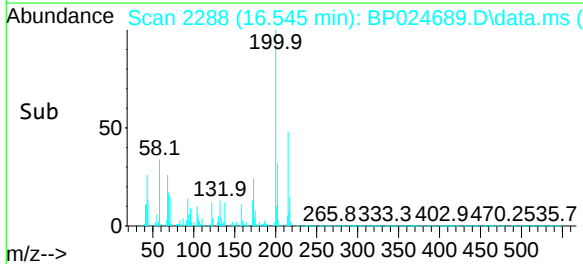
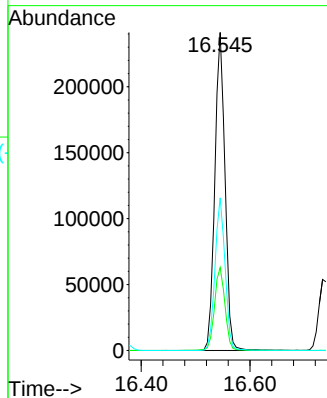
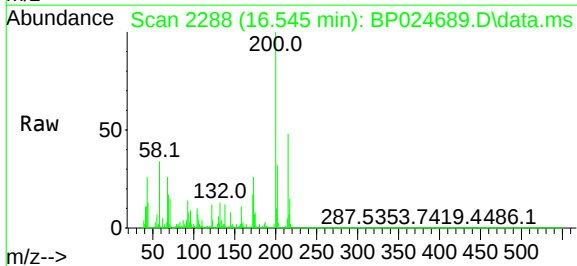
Tgt Ion:200 Resp: 314166

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

215 48.0 28.3 68.3



#70

Pentachlorophenol

Concen: 95.038 ng

RT: 16.739 min Scan# 2321

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

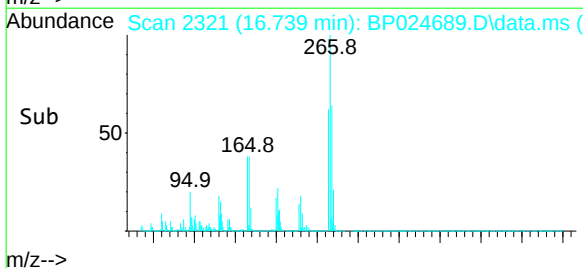
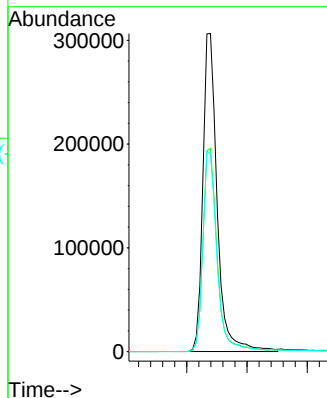
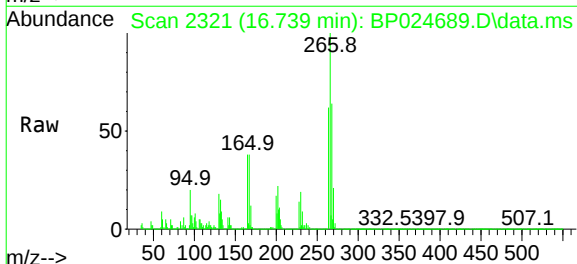
Tgt Ion:266 Resp: 504633

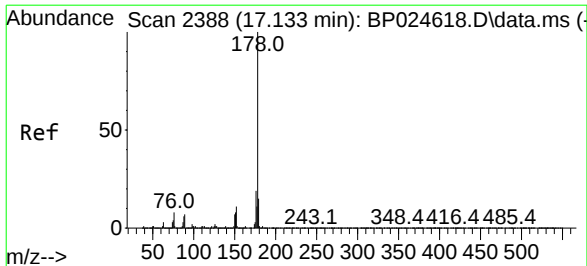
Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.4

264 62.0 51.1 76.7

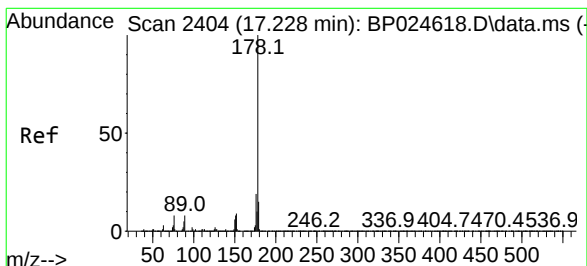
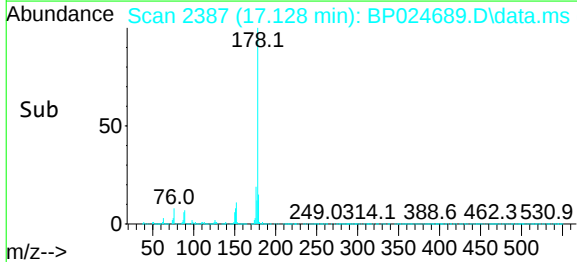
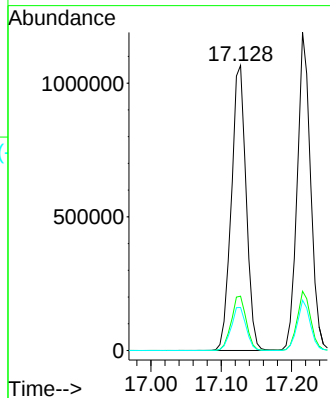
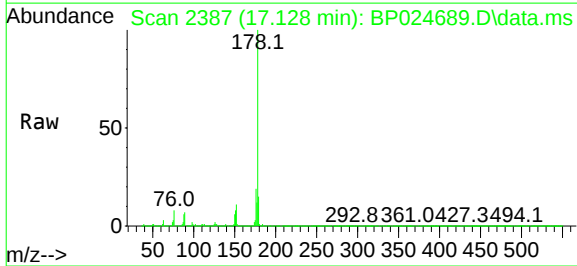




#71
Phenanthrene
Concen: 44.326 ng
RT: 17.128 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

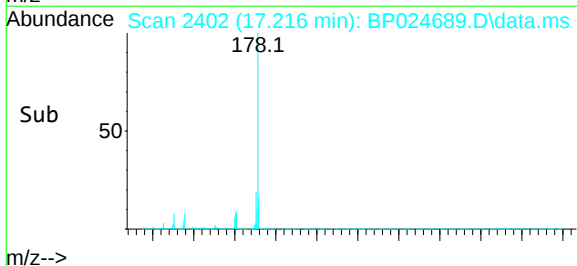
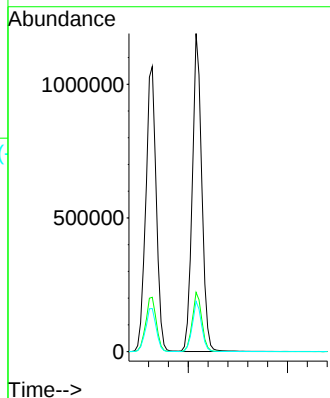
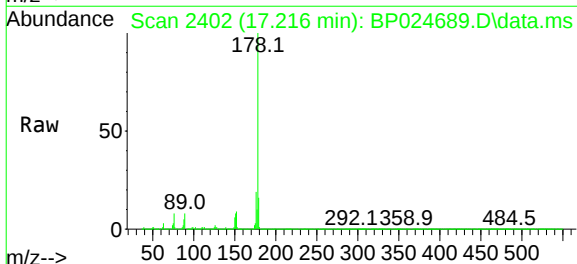
Instrument :
BNA_P
ClientSampleId :
PB168041BS

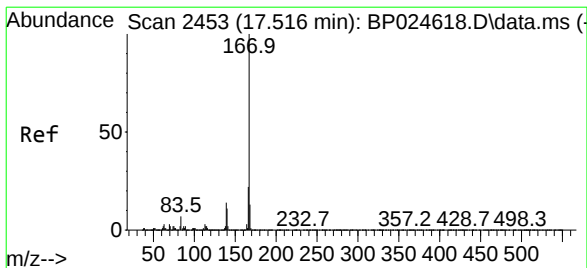
Tgt Ion:178 Resp: 1556680
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 44.627 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Tgt Ion:178 Resp: 1576828
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 12.2 18.2





#73

Carbazole

Concen: 42.563 ng

RT: 17.510 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

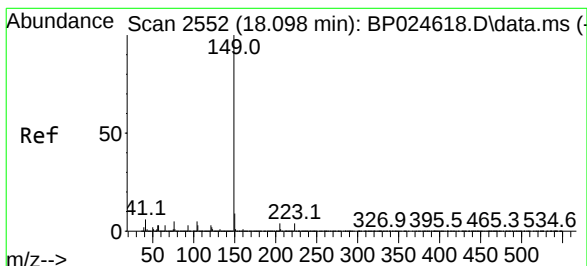
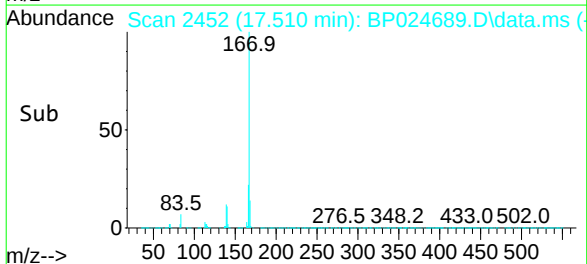
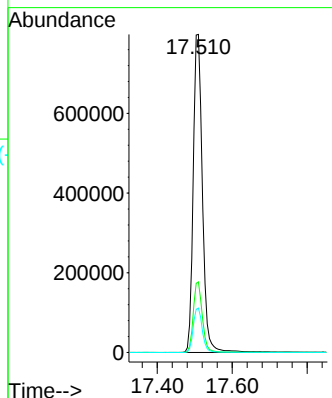
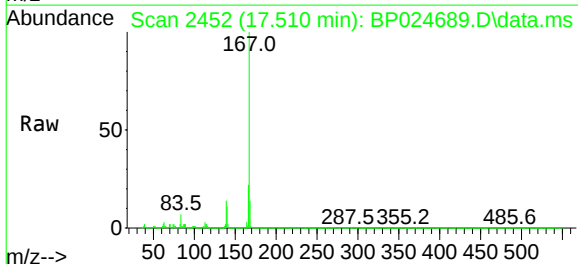
Tgt Ion:167 Resp: 1361201

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 14.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 42.852 ng

RT: 18.092 min Scan# 2551

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

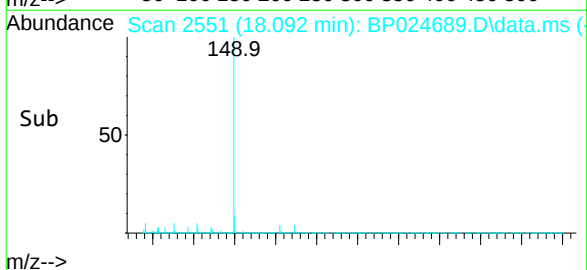
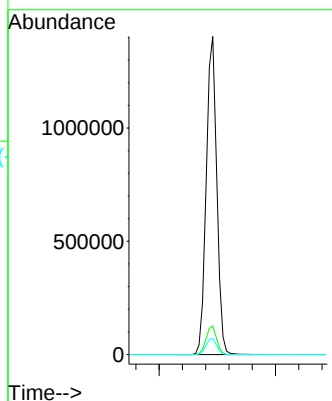
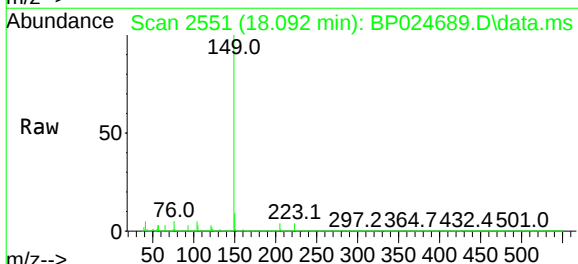
Tgt Ion:149 Resp: 1762481

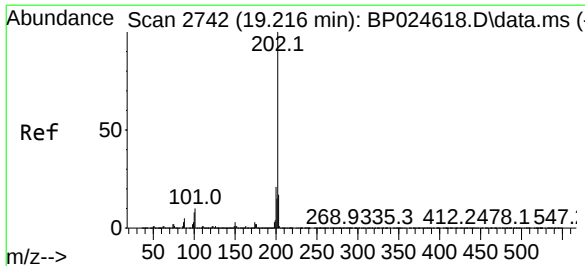
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

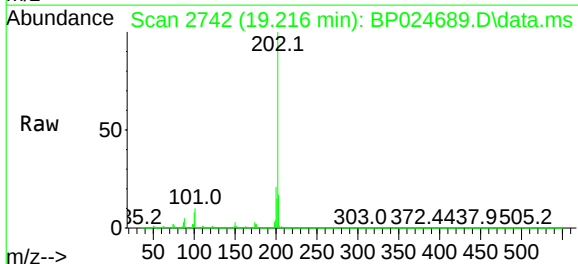
104 5.1 4.3 6.5



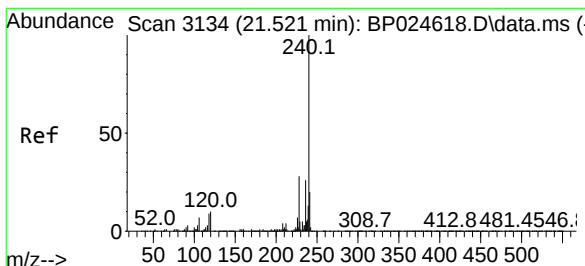
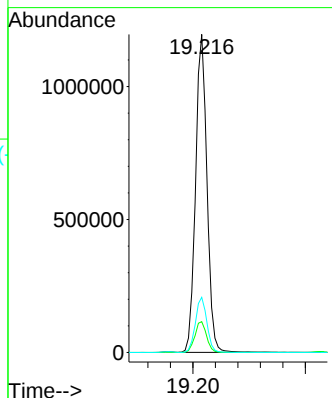
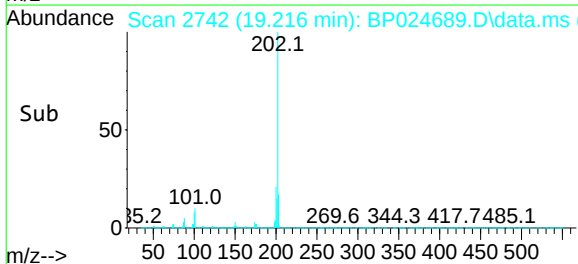


#75
Fluoranthene
Concen: 40.886 ng
RT: 19.216 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

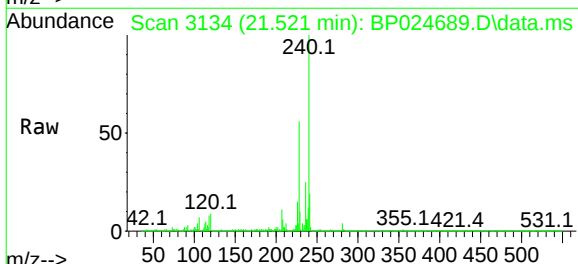
Instrument :
BNA_P
ClientSampleId :
PB168041BS



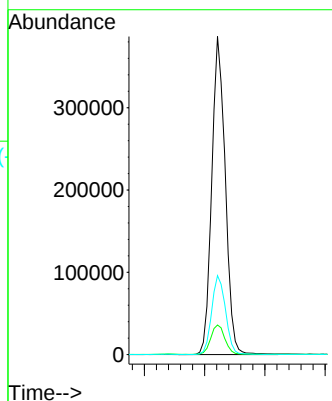
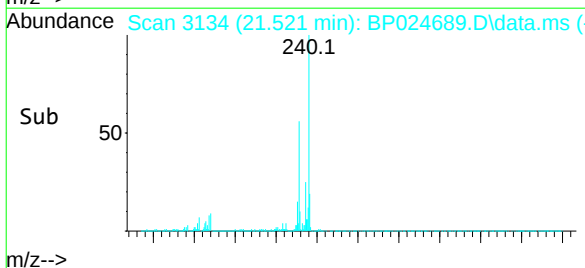
Tgt Ion:202 Resp: 1678461
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.3
203 17.3 0.0 37.5

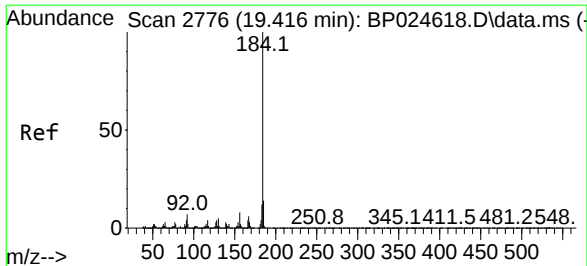


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50



Tgt Ion:240 Resp: 602821
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 24.8 20.6 31.0





#77

Benzidine

Concen: 40.546 ng

RT: 19.427 min Scan# 2776

Delta R.T. 0.011 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

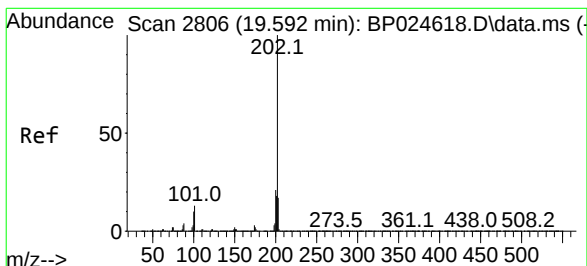
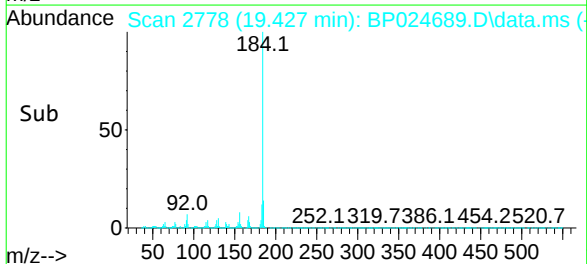
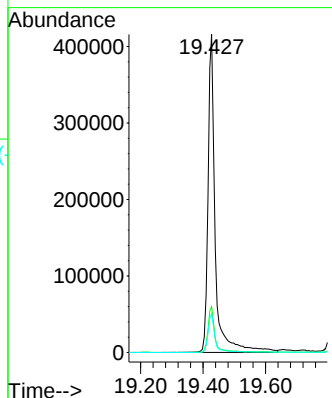
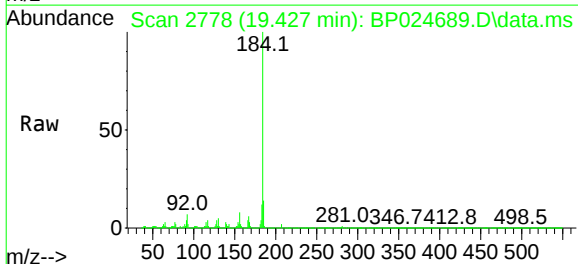
Instrument :

BNA_P

ClientSampleId :

PB168041BS

Tgt Ion:	184	Resp:	665703
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.2	16.8
183	12.2	9.8	14.8



#78

Pyrene

Concen: 46.868 ng

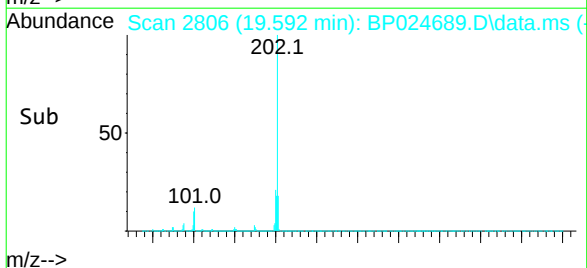
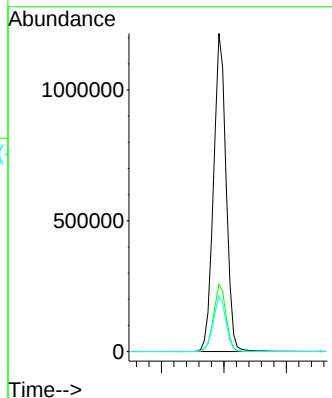
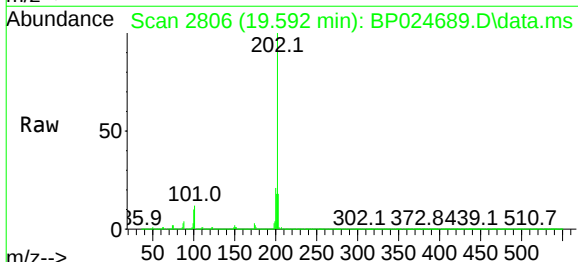
RT: 19.592 min Scan# 2806

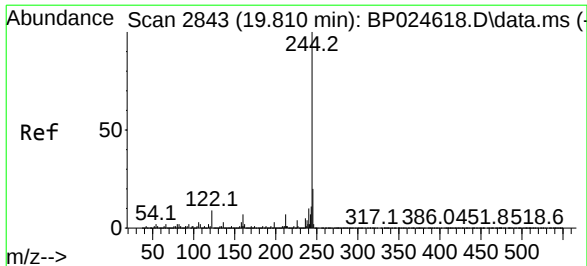
Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:	202	Resp:	1692845
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	13.9	20.9





#79

Terphenyl-d14

Concen: 82.497 ng

RT: 19.810 min Scan# 28

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

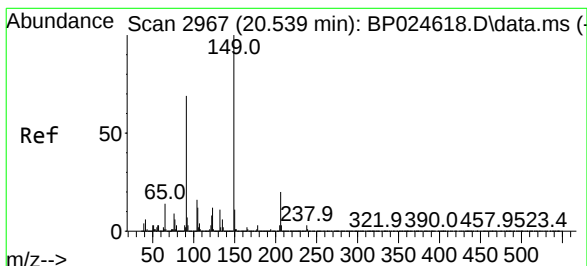
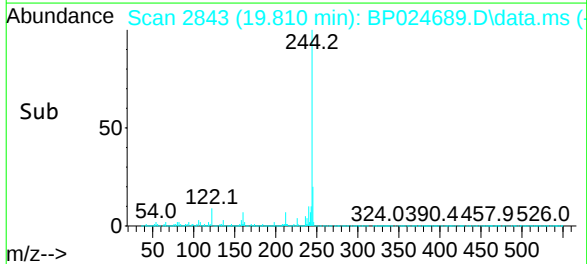
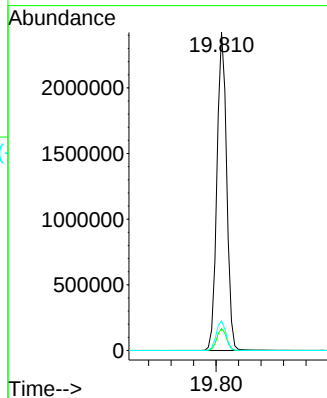
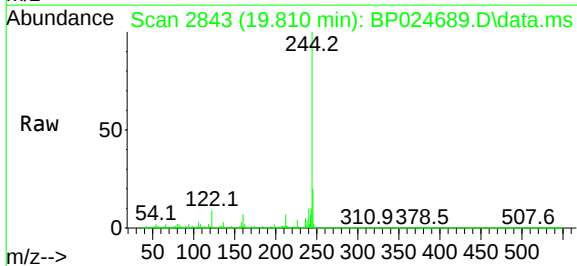
Tgt Ion:244 Resp: 2900273

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.3 7.4 11.0



#80

Butylbenzylphthalate

Concen: 46.387 ng

RT: 20.545 min Scan# 2968

Delta R.T. 0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

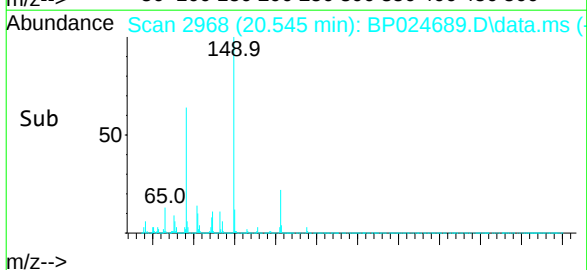
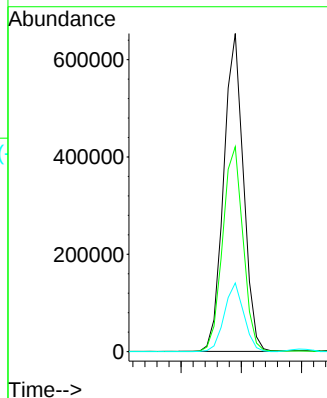
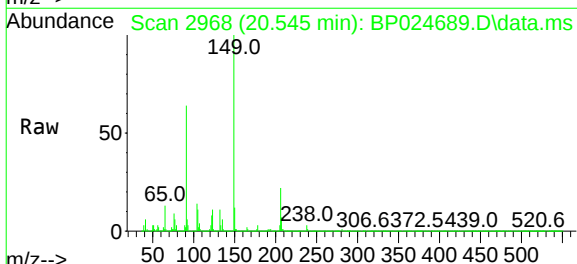
Tgt Ion:149 Resp: 745149

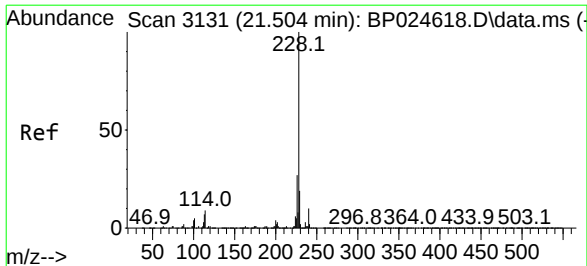
Ion Ratio Lower Upper

149 100

91 64.4 55.4 83.0

206 21.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.370 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

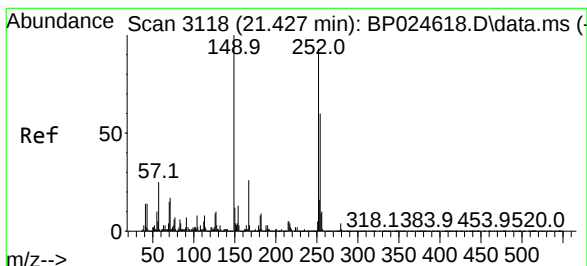
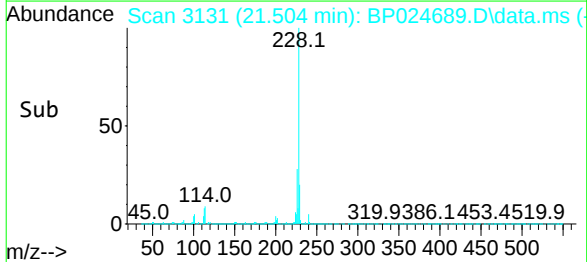
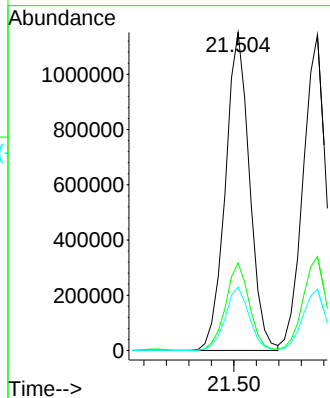
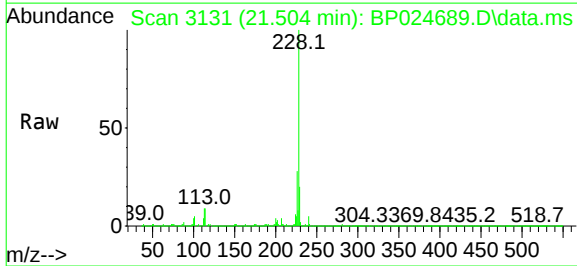
Tgt Ion:228 Resp: 1717345

Ion Ratio Lower Upper

228 100

226 27.5 21.4 32.0

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 35.721 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

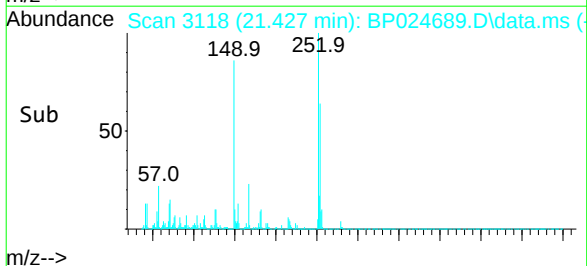
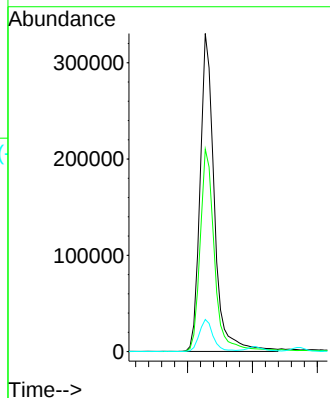
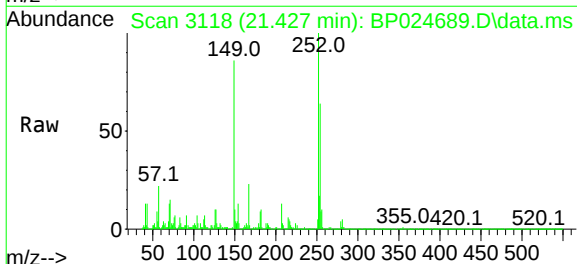
Tgt Ion:252 Resp: 502204

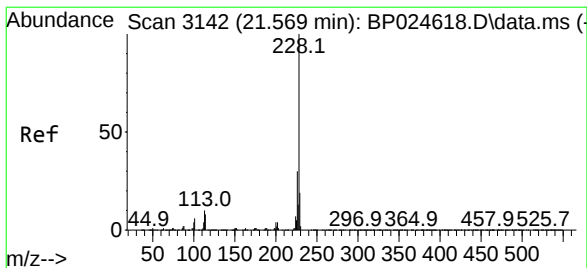
Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.6

126 10.1 7.7 11.5





#83

Chrysene

Concen: 45.023 ng

RT: 21.574 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

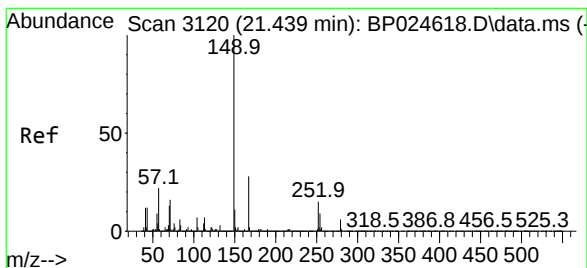
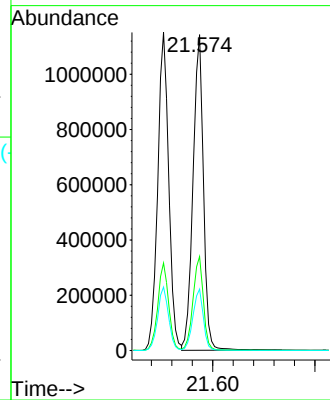
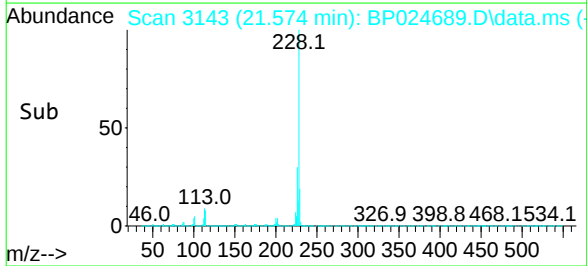
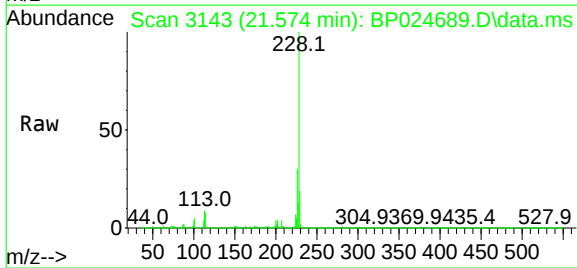
Tgt Ion:228 Resp: 1615533

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.902 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

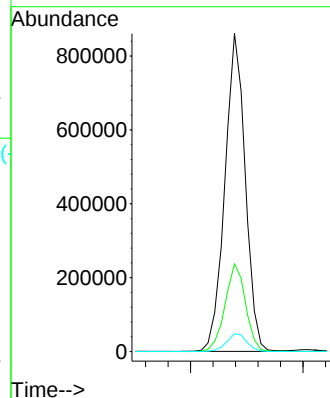
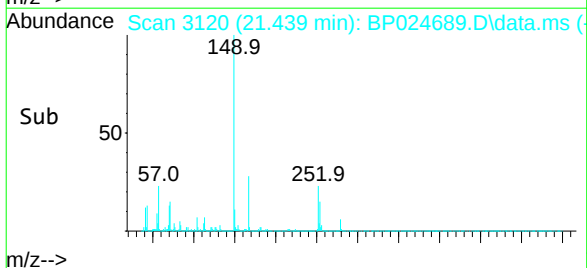
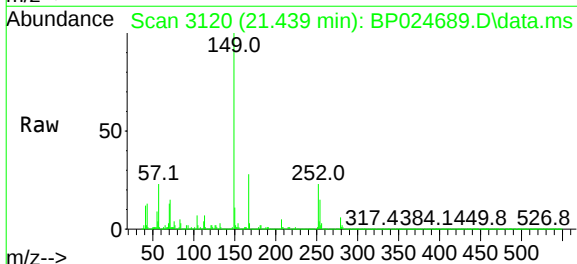
Tgt Ion:149 Resp: 1083795

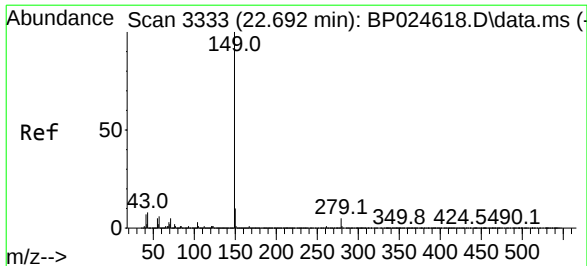
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 50.084 ng

RT: 22.686 min Scan# 3333

Delta R.T. -0.006 min

Lab File: BP024689.D

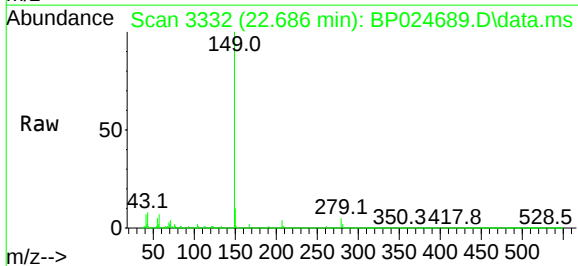
Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS



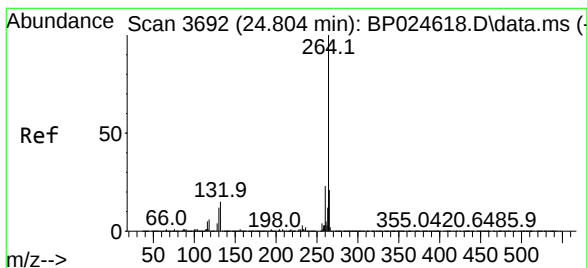
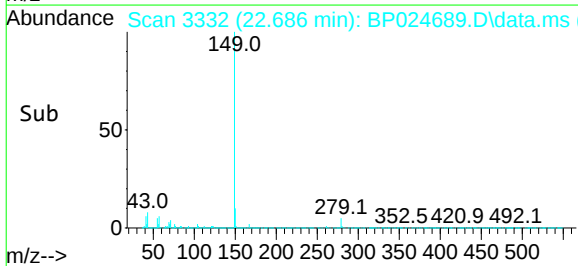
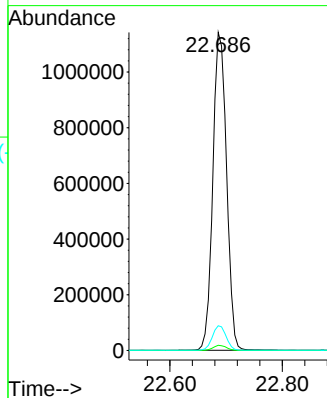
Tgt Ion:149 Resp: 1933782

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

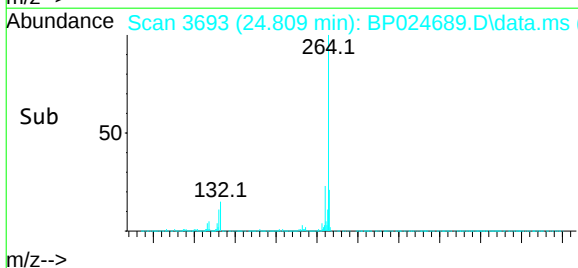
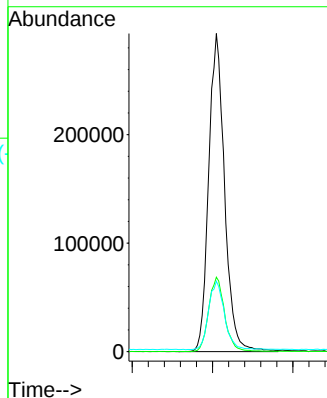
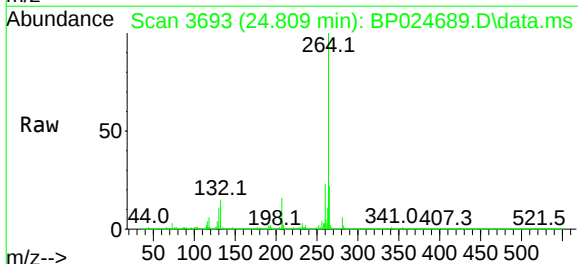
Tgt Ion:264 Resp: 805398

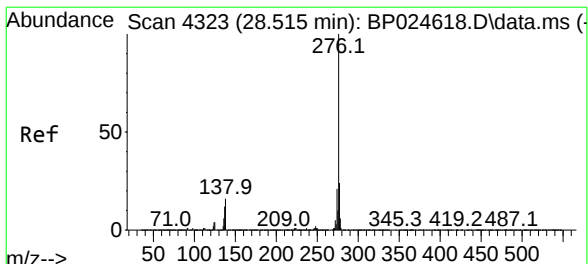
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.1 17.0 25.6



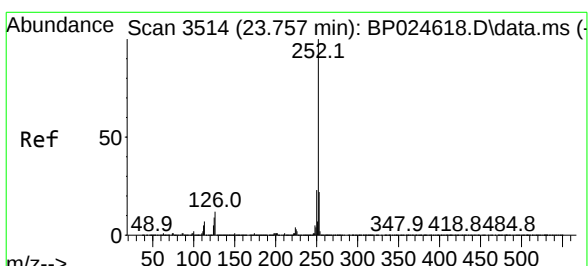
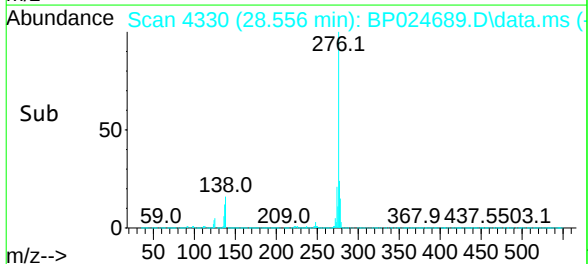
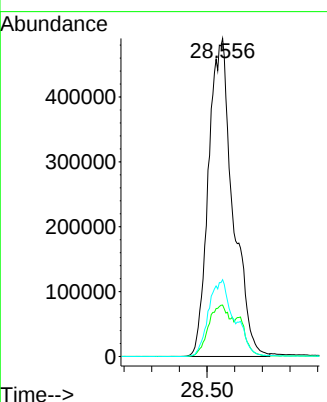
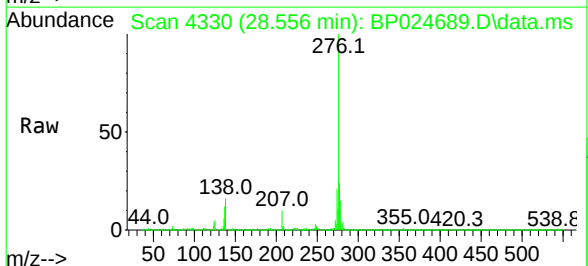


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.022 ng
 RT: 28.556 min Scan# 43
 Delta R.T. 0.041 min
 Lab File: BP024689.D
 Acq: 19 May 2025 14:50

Instrument :
 BNA_P
 ClientSampleId :
 PB168041BS

Tgt Ion: 276 Resp: 3000018

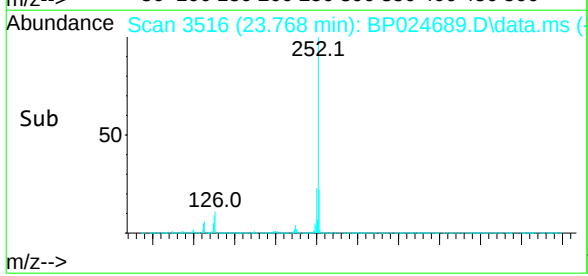
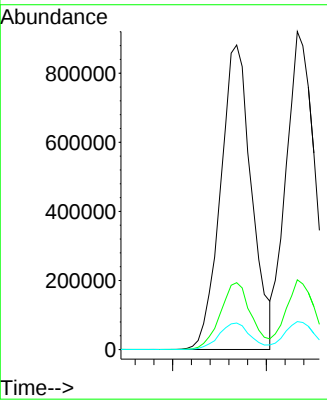
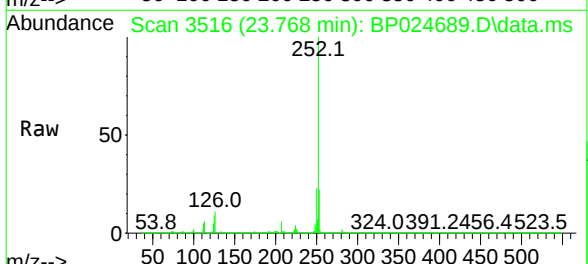
Ion	Ratio	Lower	Upper
276	100		
138	14.7	11.2	16.8
277	22.3	15.7	23.5

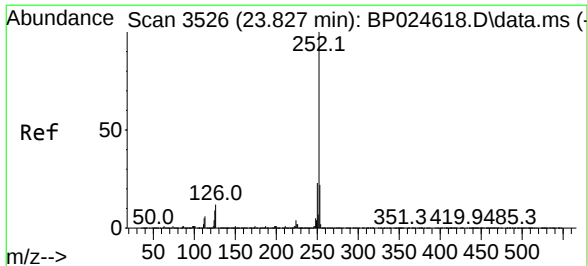


#88
 Benzo(b)fluoranthene
 Concen: 44.105 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. 0.012 min
 Lab File: BP024689.D
 Acq: 19 May 2025 14:50

Tgt Ion: 252 Resp: 2033252

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.7	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 42.467 ng

RT: 23.833 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

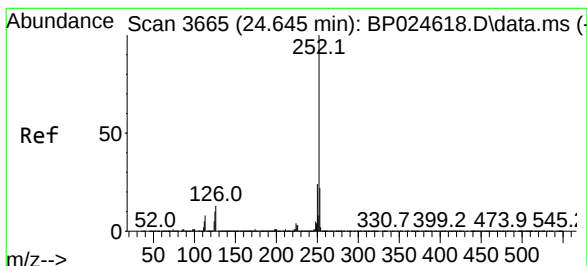
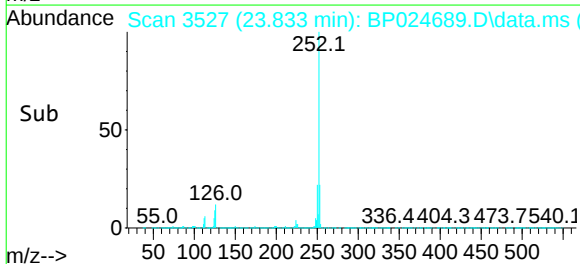
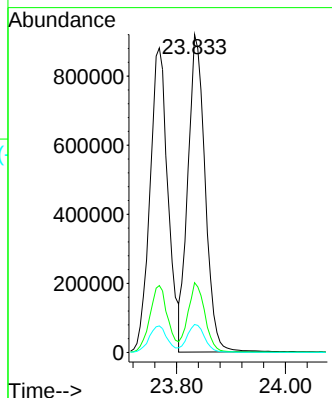
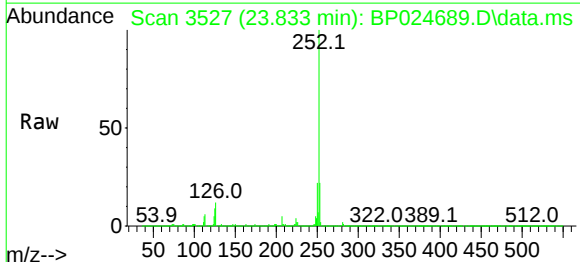
Tgt Ion:252 Resp: 2017301

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 8.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.772 ng

RT: 24.657 min Scan# 3667

Delta R.T. 0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

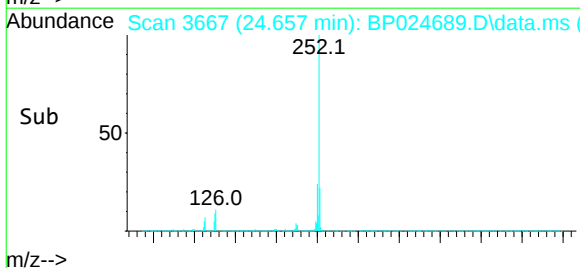
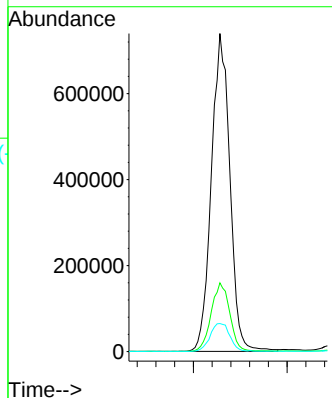
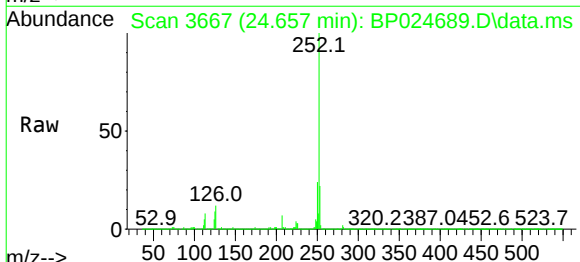
Tgt Ion:252 Resp: 2026541

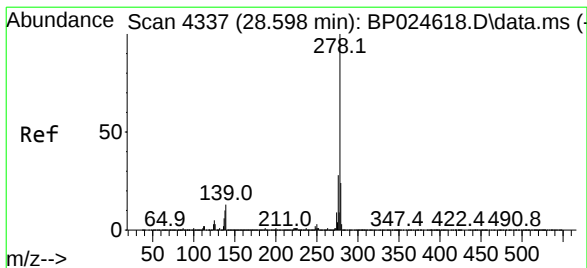
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 8.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 51.738 ng

RT: 28.621 min Scan# 43

Delta R.T. 0.023 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

PB168041BS

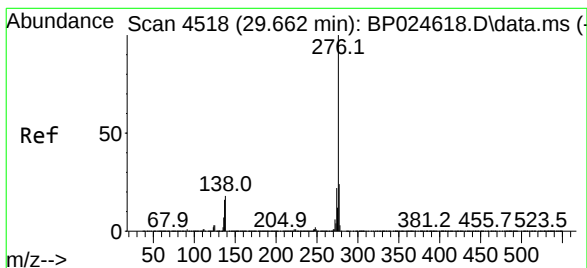
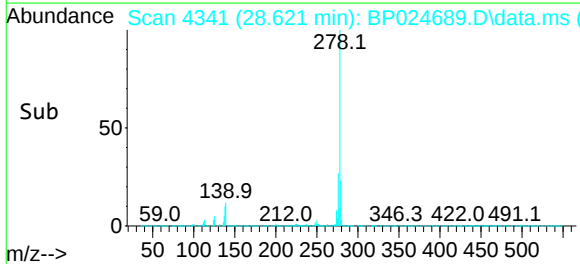
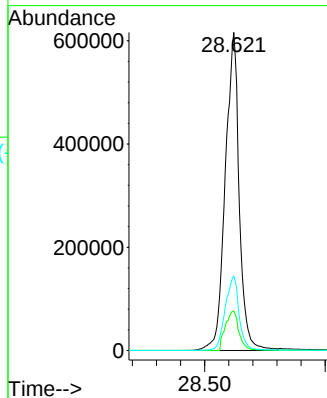
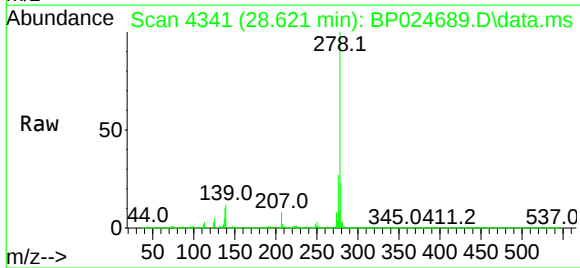
Tgt Ion:278 Resp: 2474876

Ion Ratio Lower Upper

278 100

139 12.4 10.2 15.4

279 23.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 51.576 ng

RT: 29.692 min Scan# 4523

Delta R.T. 0.029 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Tgt Ion:276 Resp: 2453442

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 16.8 14.4 21.6

