

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 :

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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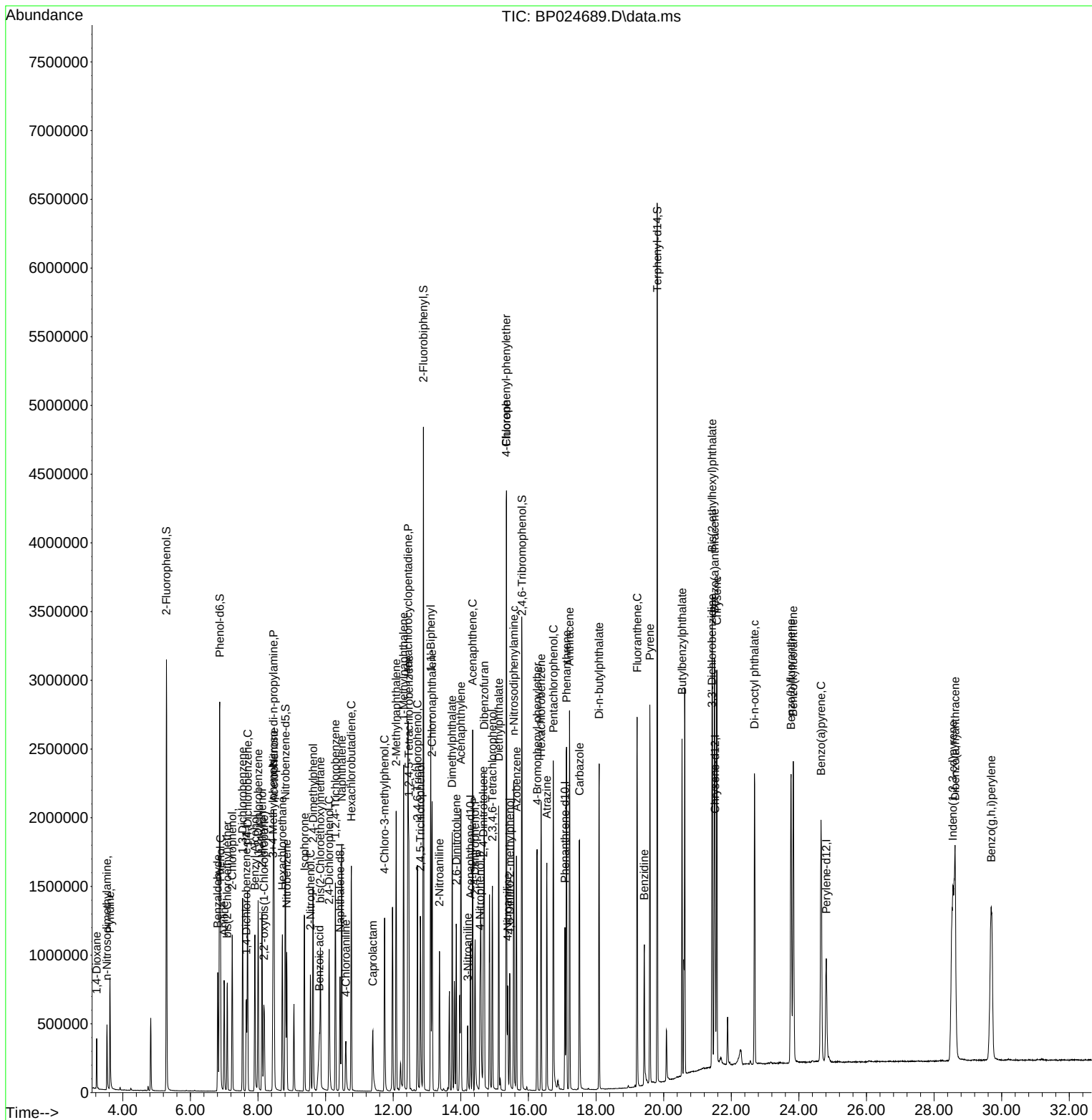
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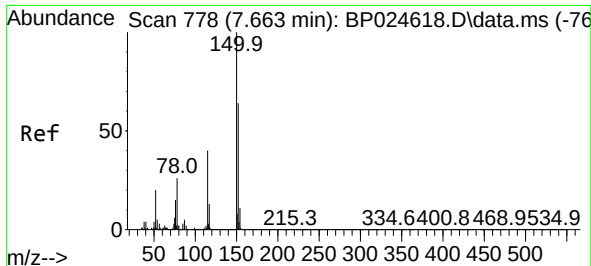
Quant Time: May 19 18:58:17 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

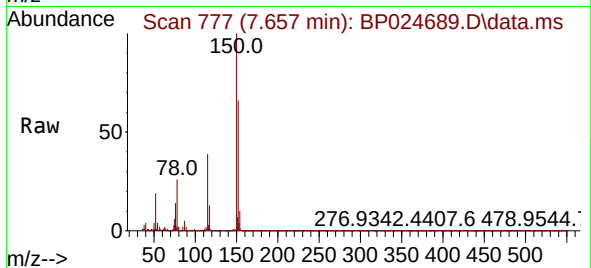
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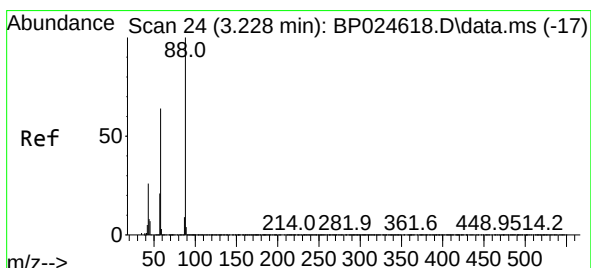
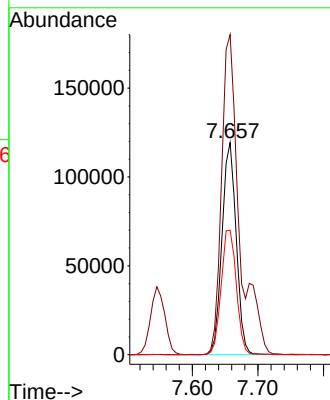
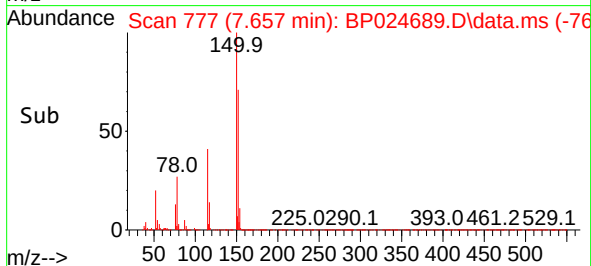


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

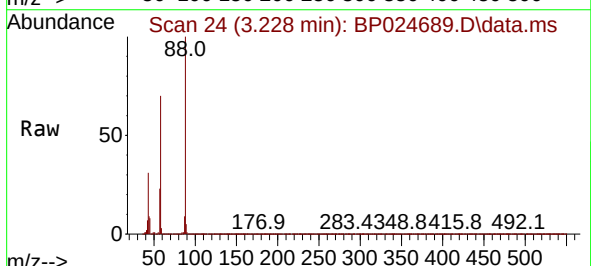
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BNA_P
ClientSampleId :



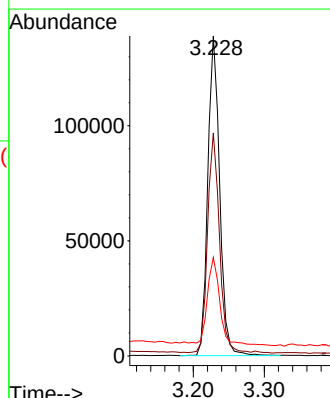
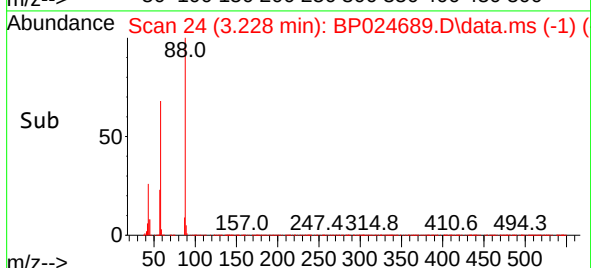
Tgt Ion:152 Resp: 179011
Ion Ratio Lower Upper
152 100
150 150.8 125.9 188.9
115 58.7 50.1 75.1

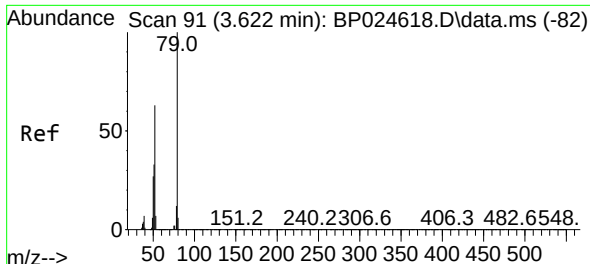


#2
1,4-Dioxane
Concen: 32.858 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50



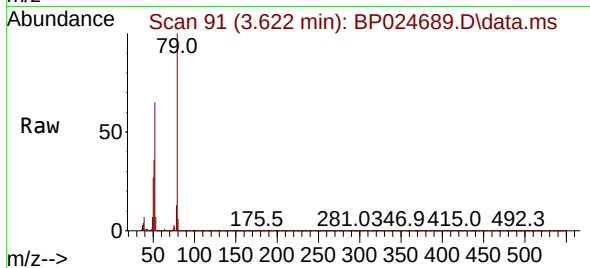
Tgt Ion: 88 Resp: 161486
Ion Ratio Lower Upper
88 100
58 68.4 54.0 81.0
43 29.2 21.4 32.0



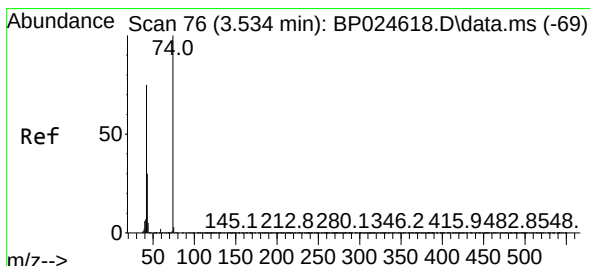
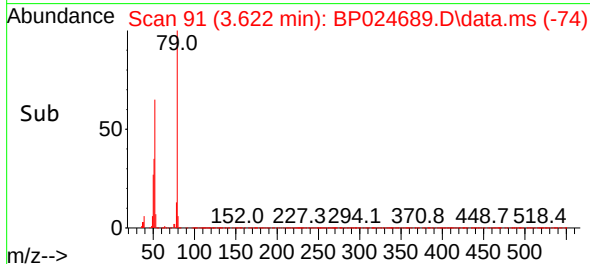
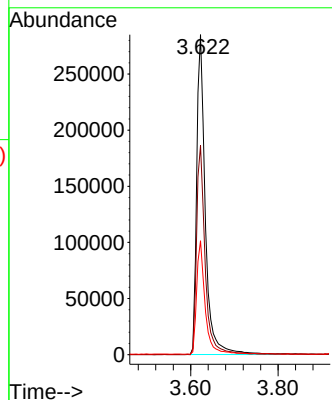


#3
Pyridine
Concen: 35.982 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Instrument :
BNA_P
ClientSampleId :

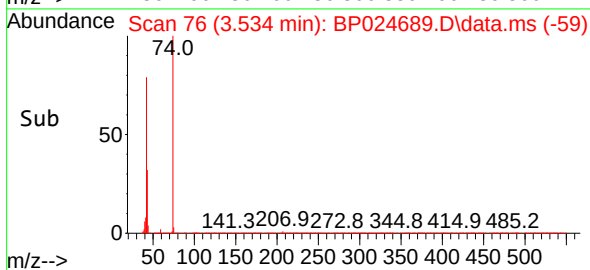
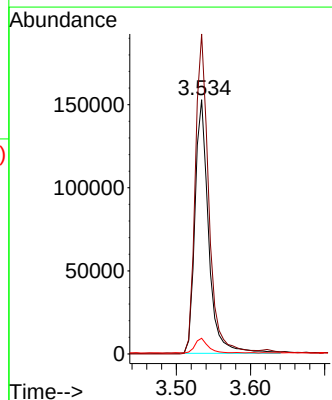
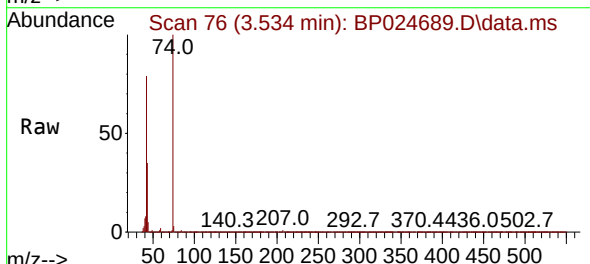


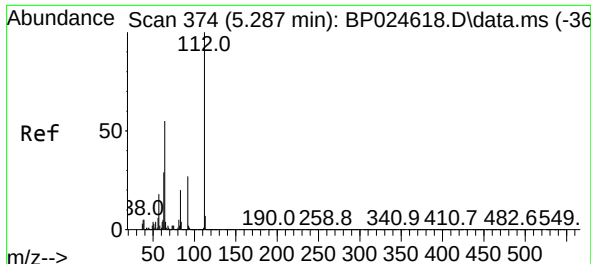
Tgt Ion: 79 Resp: 392111
Ion Ratio Lower Upper
79 100
52 65.4 50.2 75.2
51 35.6 26.8 40.2



#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

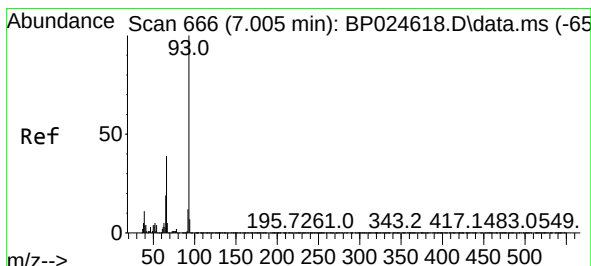
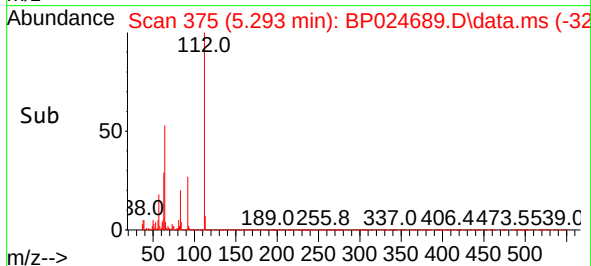
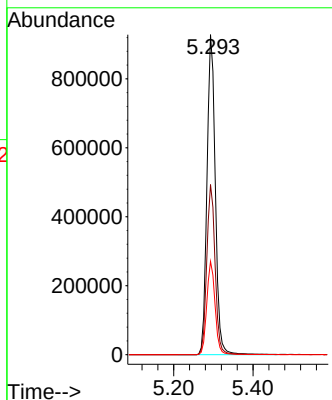
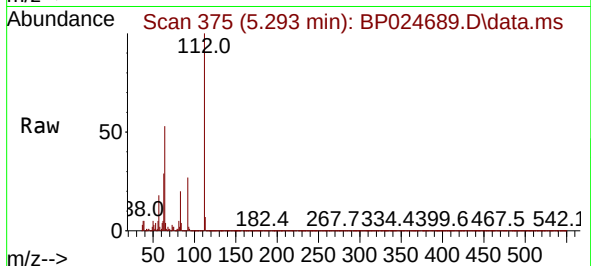




#5
2-Fluorophenol
Concen: 129.743 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

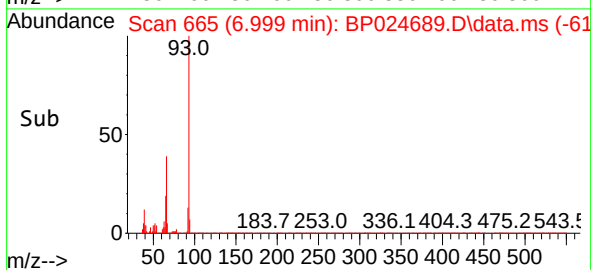
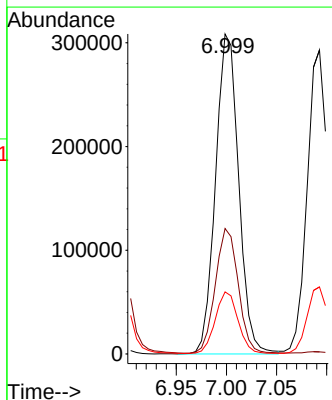
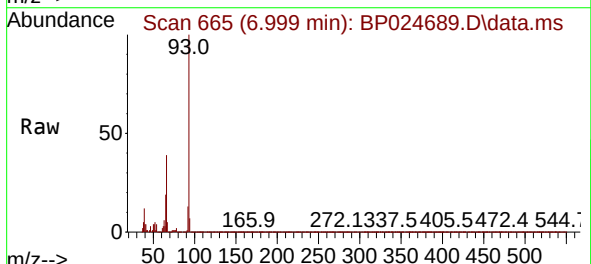
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ClientSampleId :

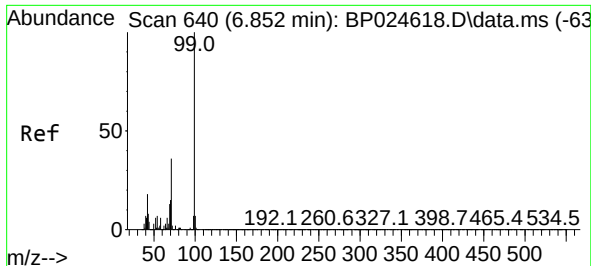
Tgt Ion:112 Resp: 1357920
Ion Ratio Lower Upper
112 100
64 53.2 44.1 66.1
63 29.2 23.5 35.3



#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

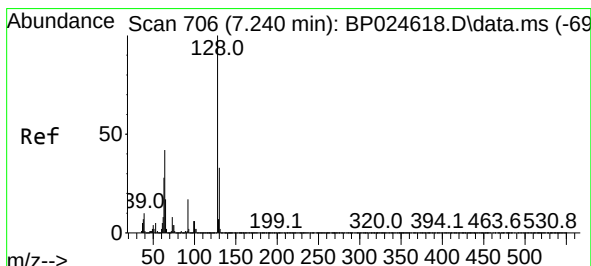
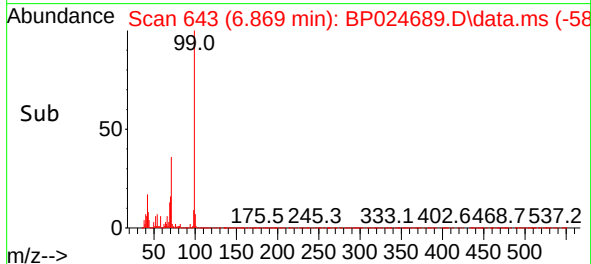
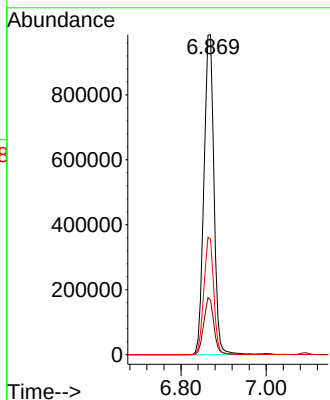
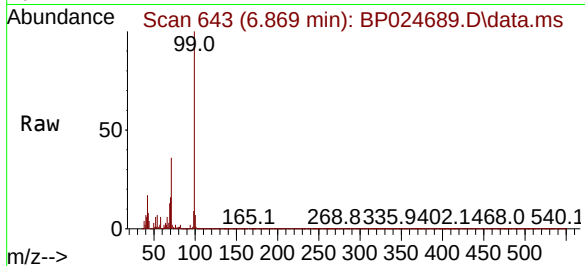




#7
Phenol-d6
Concen: 120.790 ng
RT: 6.869 min Scan# 640
Delta R.T. 0.018 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

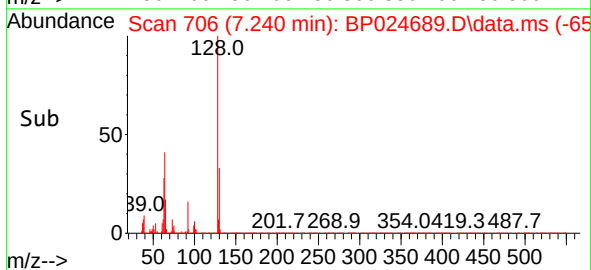
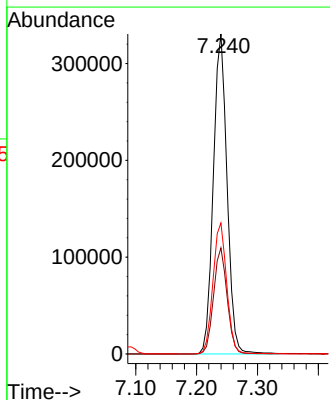
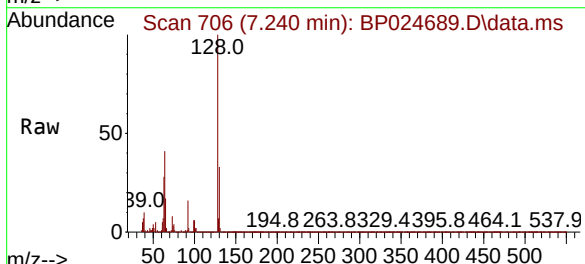
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ClientSampleId :

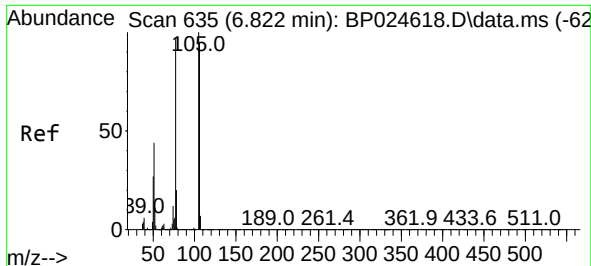
Tgt Ion: 99 Resp: 1613484
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 36.2 29.2 43.8



#8
2-Chlorophenol
Concen: 43.456 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

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

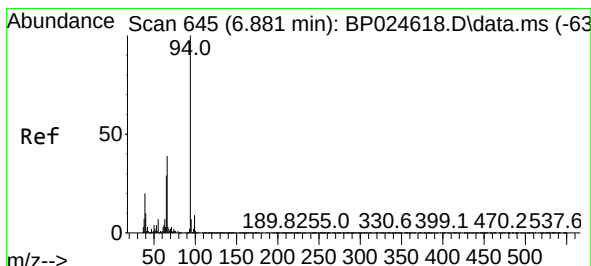
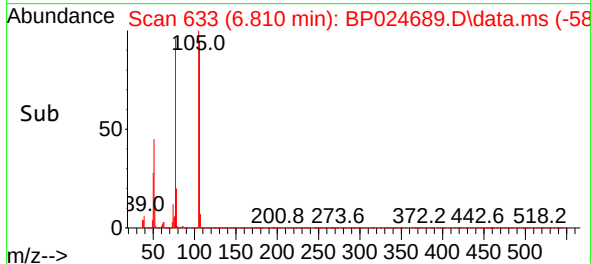
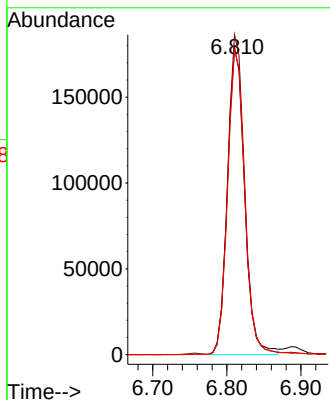
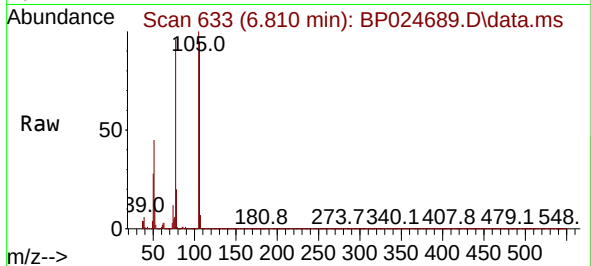




#9
Benzaldehyde
Concen: 33.286 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

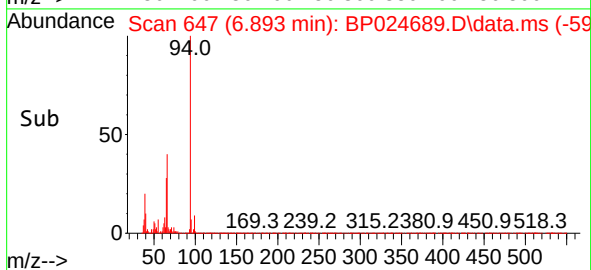
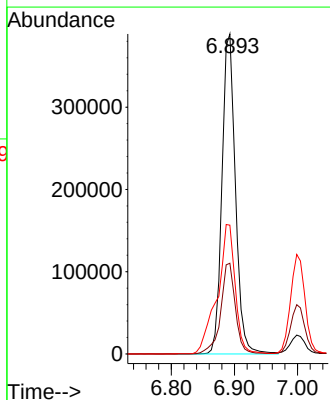
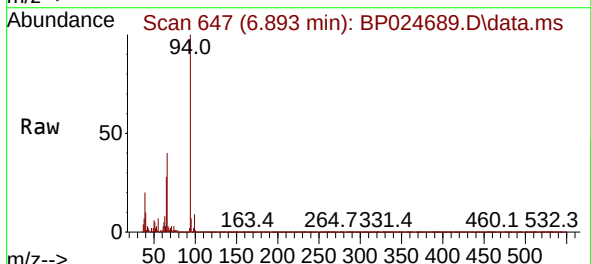
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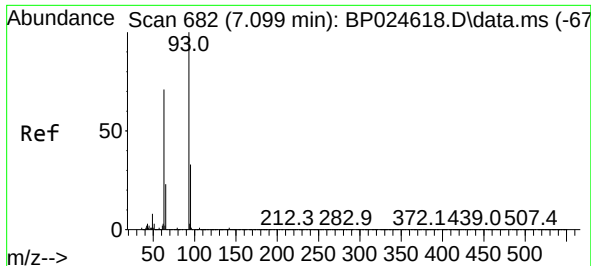
Tgt Ion: 77 Resp: 287824
Ion Ratio Lower Upper
77 100
105 104.0 83.3 123.3
106 99.0 78.0 118.0



#10
Phenol
Concen: 41.891 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

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

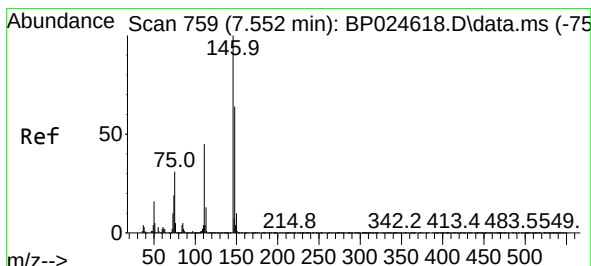
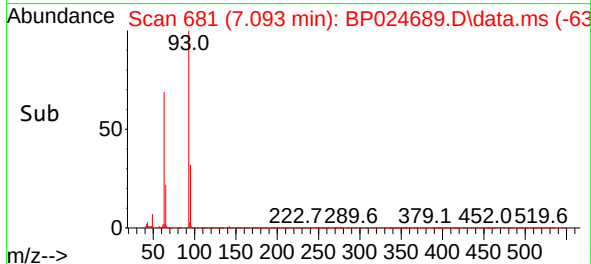
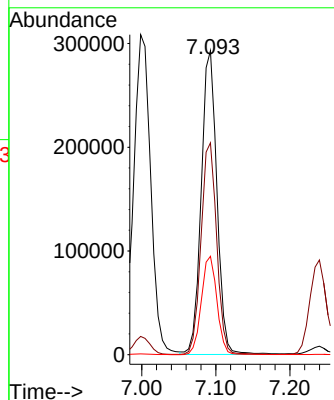
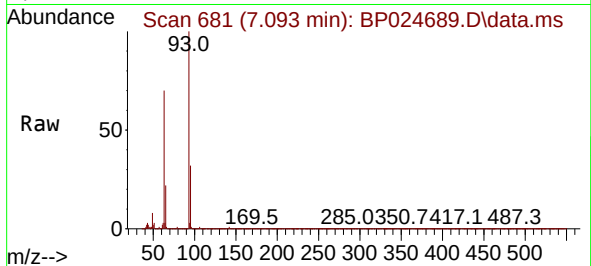




#11
bis(2-Chloroethyl)ether
Concen: 37.993 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

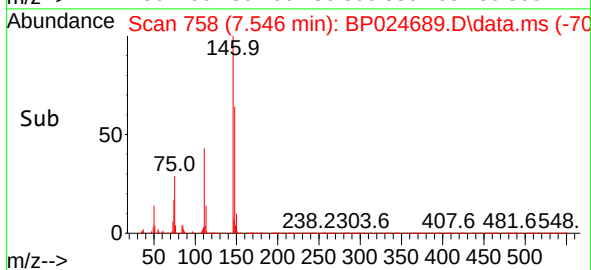
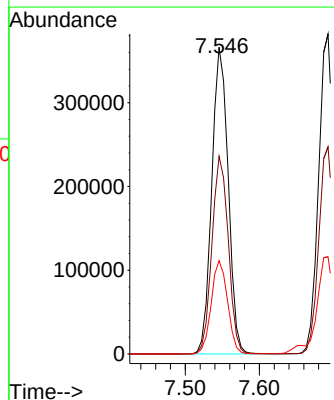
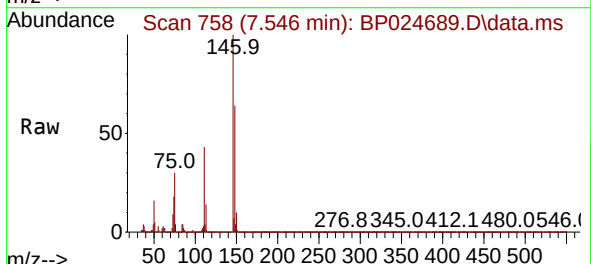
Instrument :
BNA_P
ClientSampleId :

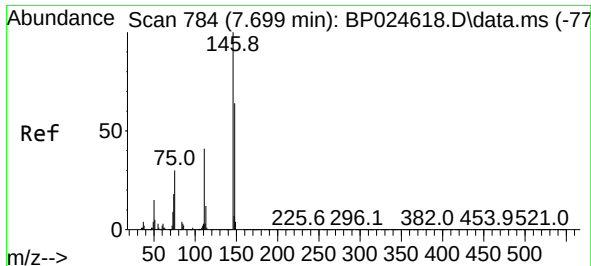
Tgt Ion: 93 Resp: 430407
Ion Ratio Lower Upper
93 100
63 69.7 50.6 90.6
95 32.4 12.9 52.9



#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

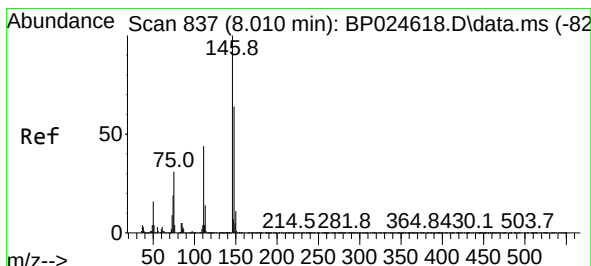
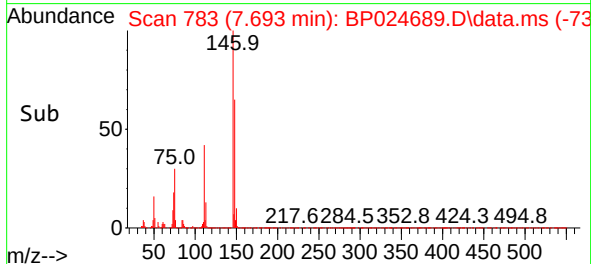
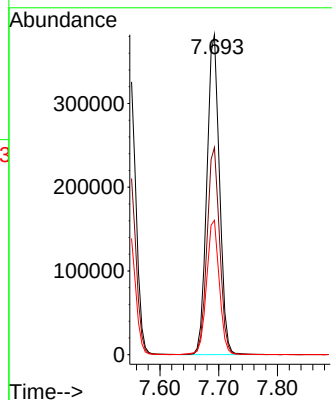
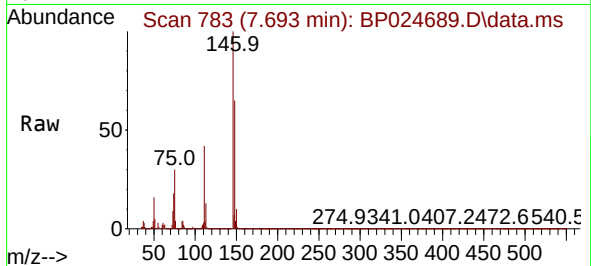




#13
1,4-Dichlorobenzene
Concen: 41.323 ng
RT: 7.693 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

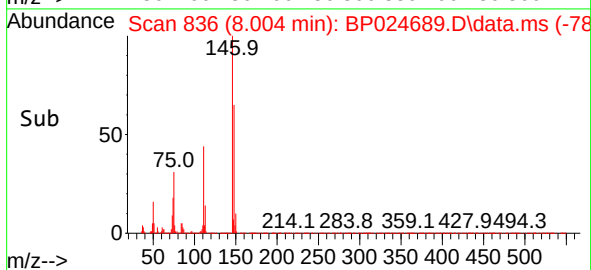
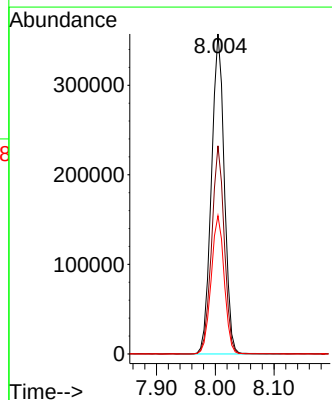
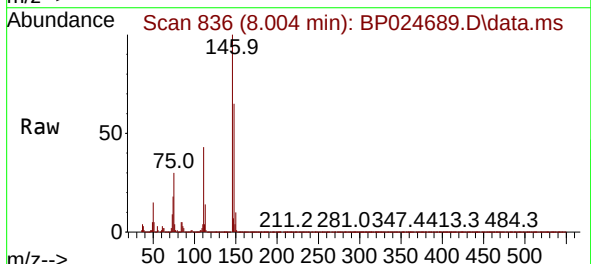
Instrument :
BNA_P
ClientSampleId :

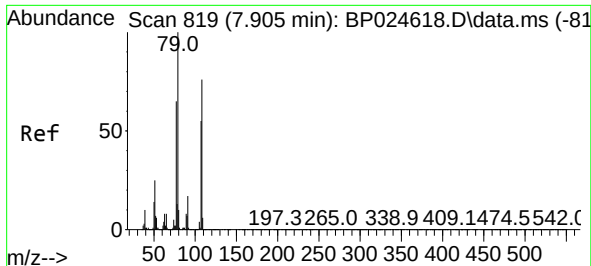
Tgt Ion:146 Resp: 568126
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 42.0 33.0 49.6



#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

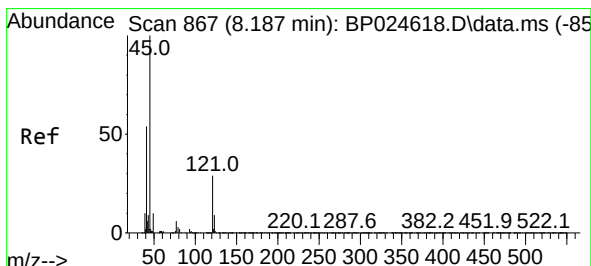
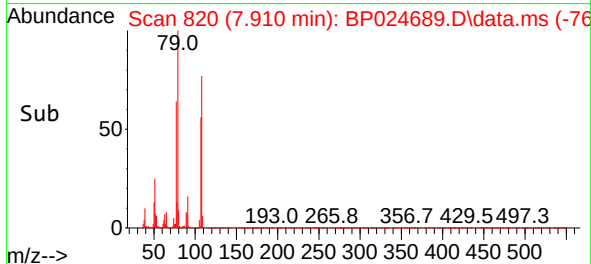
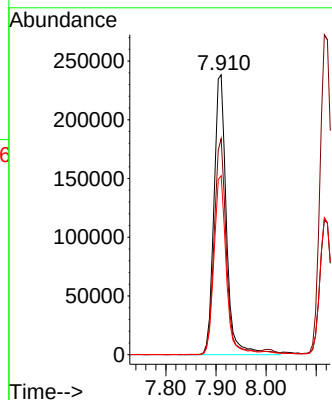
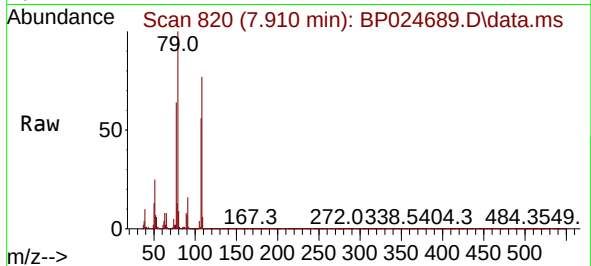




#15
Benzyl Alcohol
Concen: 40.480 ng
RT: 7.910 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

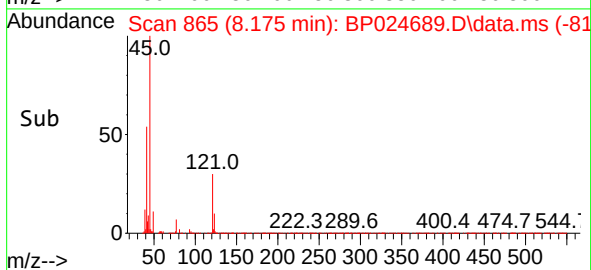
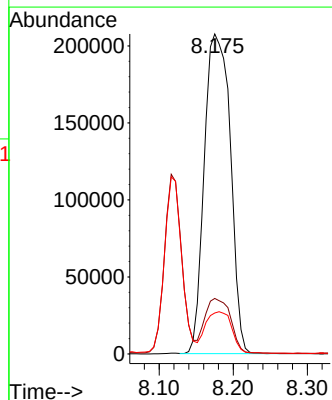
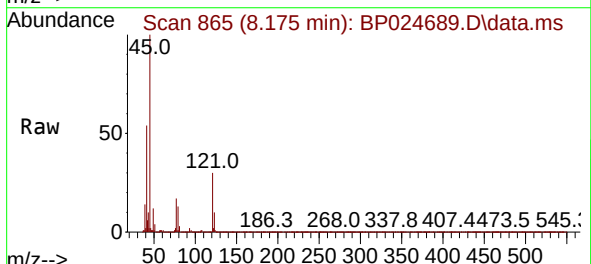
Instrument :
BNA_P
ClientSampleId :

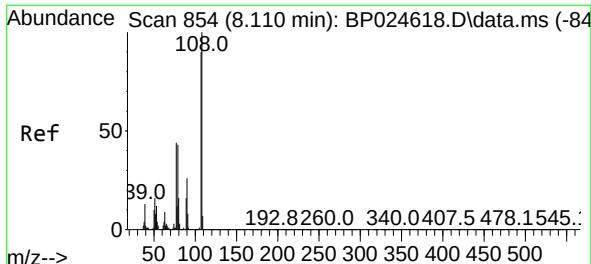
Tgt Ion: 79 Resp: 410902
Ion Ratio Lower Upper
79 100
108 77.2 60.8 91.2
77 63.9 51.9 77.9



#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

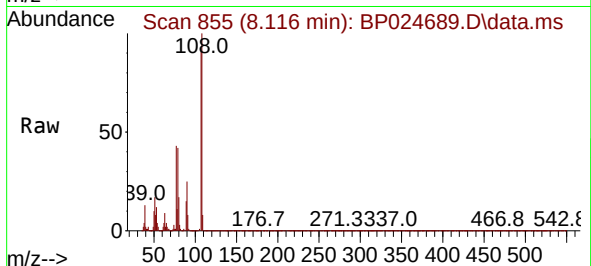
Tgt Ion: 45 Resp: 506871
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 12.8 0.0 34.0



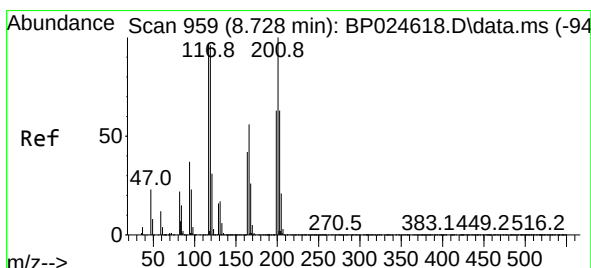
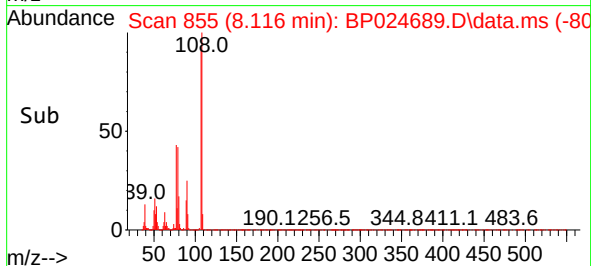
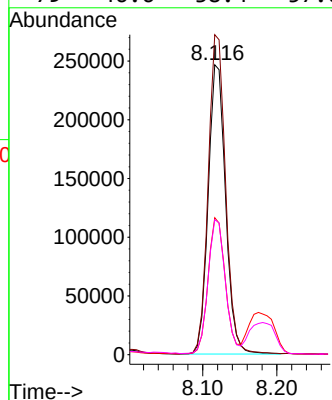


#17
2-Methylphenol
Concen: 40.541 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Instrument :
BNA_P
ClientSampleId :

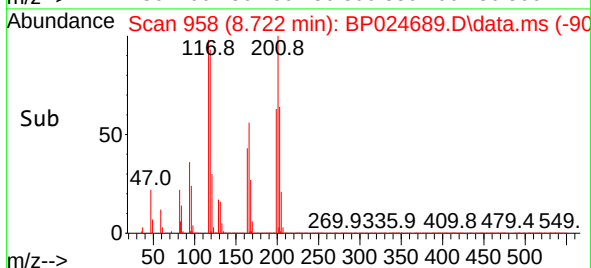
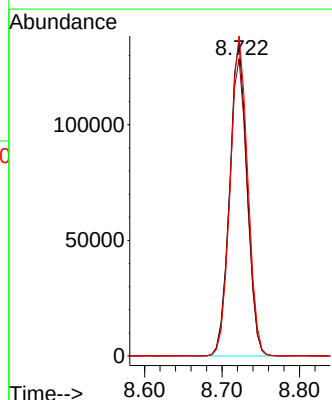
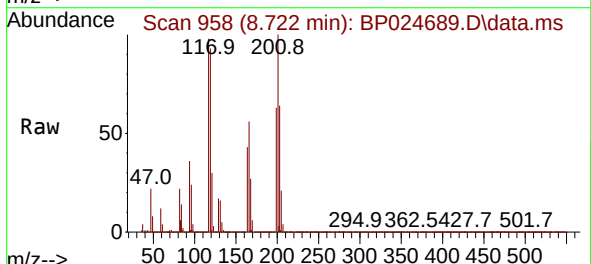


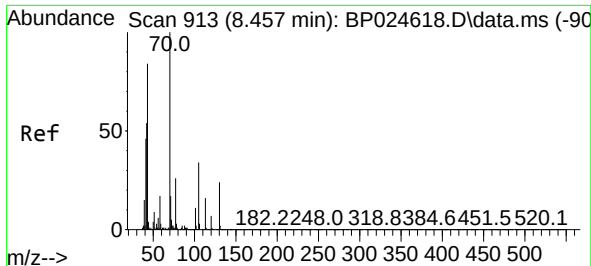
Tgt Ion:107 Resp: 400886
Ion Ratio Lower Upper
107 100
108 110.4 88.9 133.3
77 47.2 39.0 58.6
79 46.6 38.4 57.6



#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

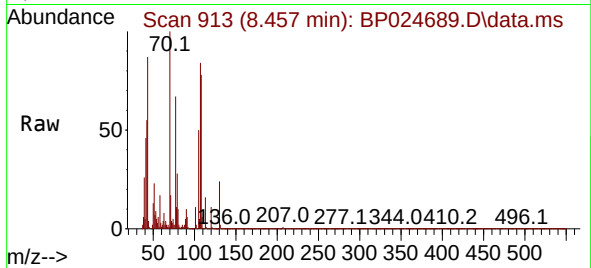
Tgt Ion:117 Resp: 213500
Ion Ratio Lower Upper
117 100
119 94.6 79.4 119.0
201 101.9 82.7 124.1



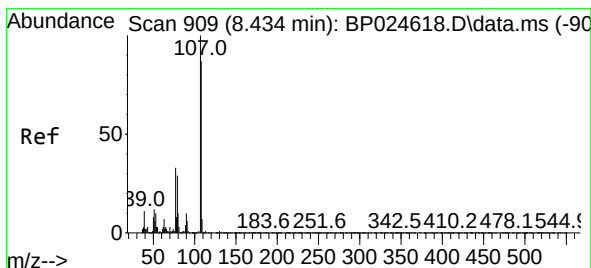
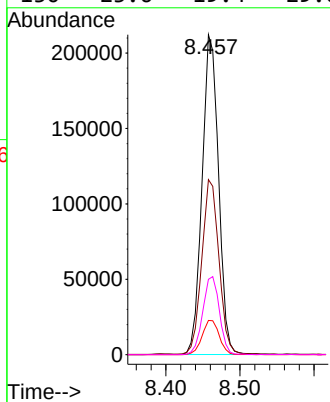
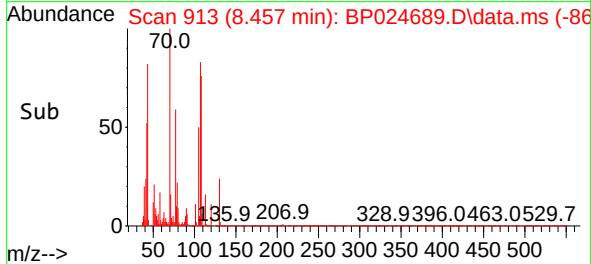


#19
n-Nitroso-di-n-propylamine
Concen: 35.381 ng
RT: 8.457 min Scan# 911
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

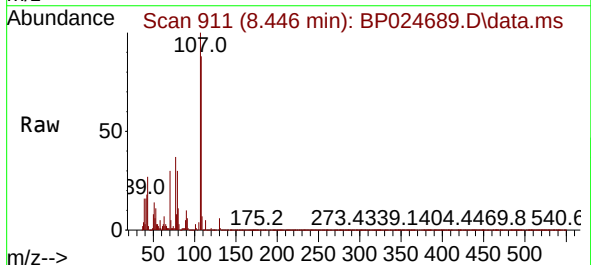
Instrument :
BNA_P
ClientSampleId :



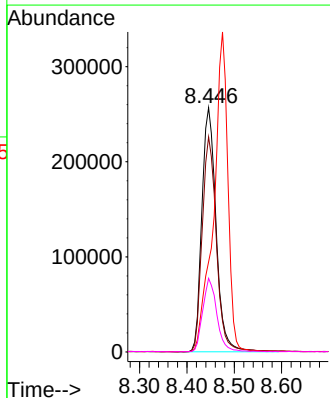
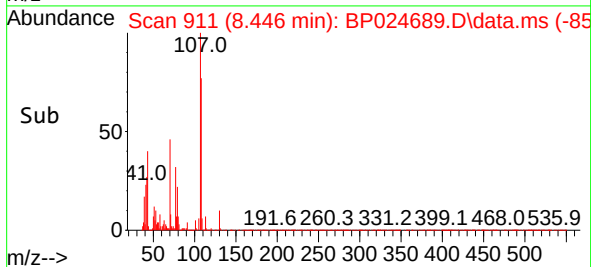
Tgt Ion: 70 Resp: 326925
Ion Ratio Lower Upper
70 100
42 54.7 43.0 64.6
101 10.7 8.7 13.1
130 23.6 19.4 29.0

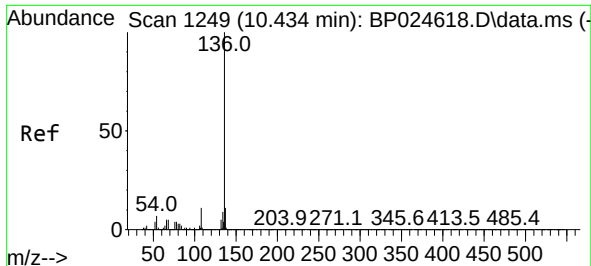


#20
3+4-Methylphenols
Concen: 39.864 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50



Tgt Ion: 107 Resp: 536209
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

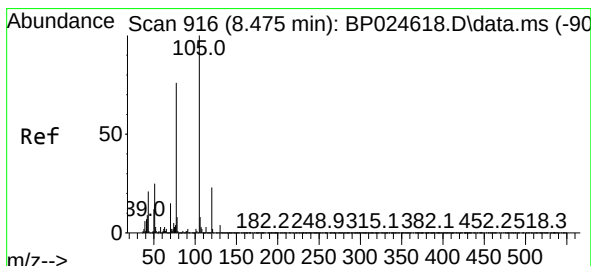
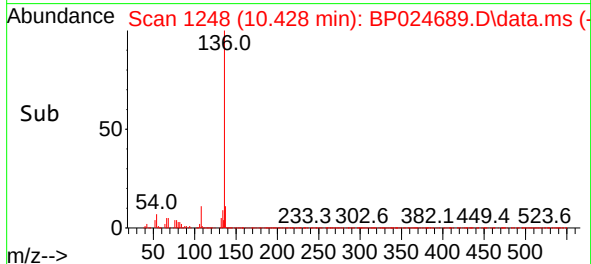
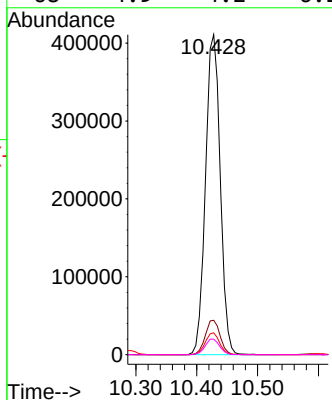
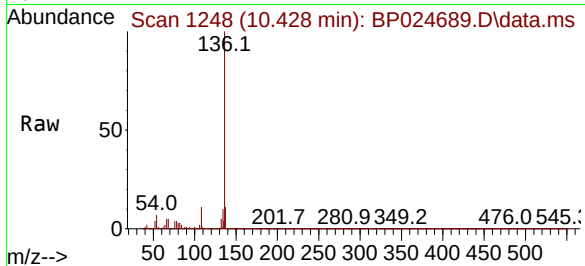




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

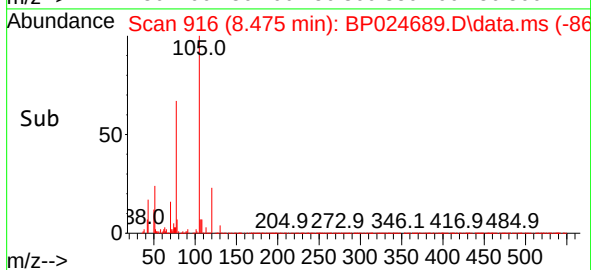
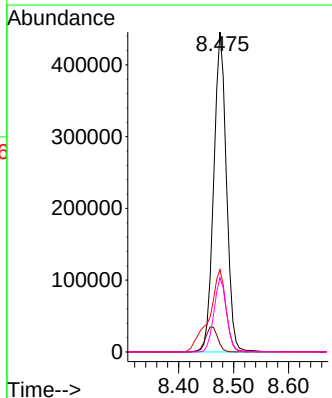
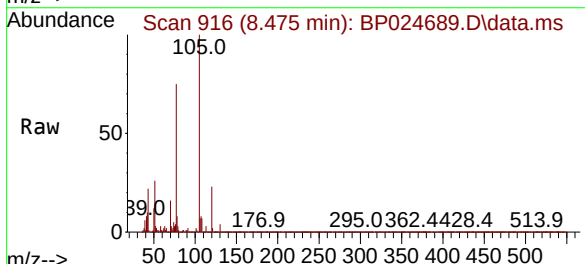
Instrument :
BNA_P
ClientSampleId :

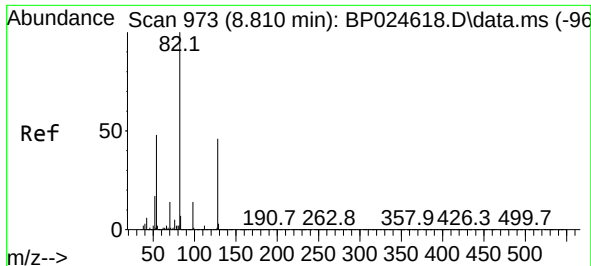
Tgt Ion:	136	Resp:	689037
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.8	5.5	8.3
68	4.9	4.2	6.2



#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

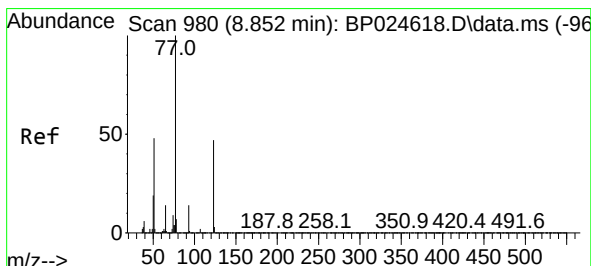
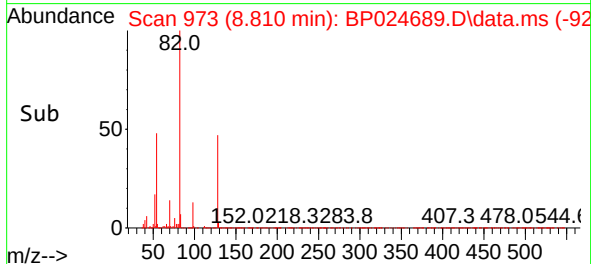
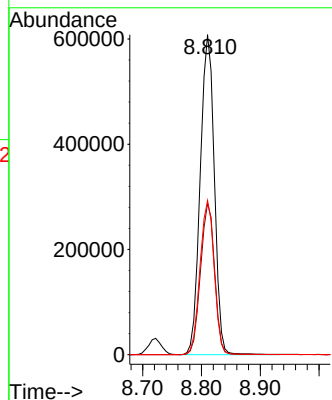
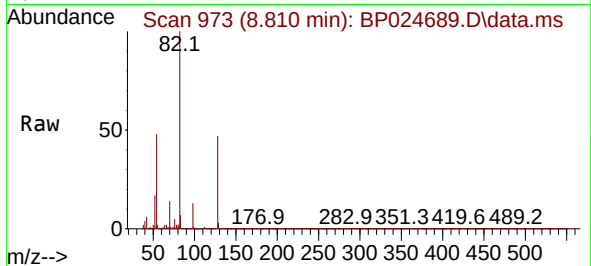




#23
Nitrobenzene-d5
Concen: 74.142 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

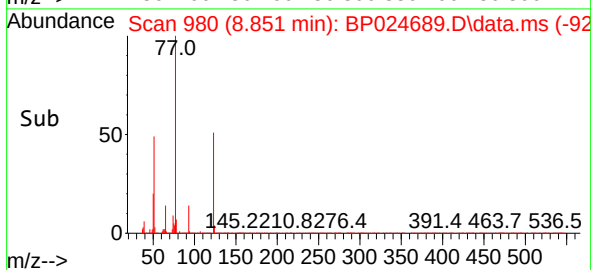
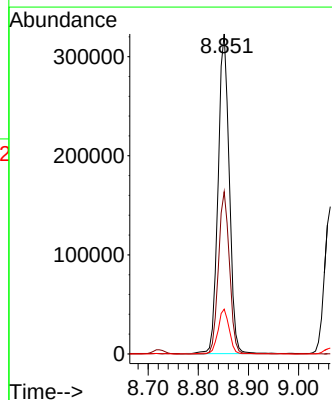
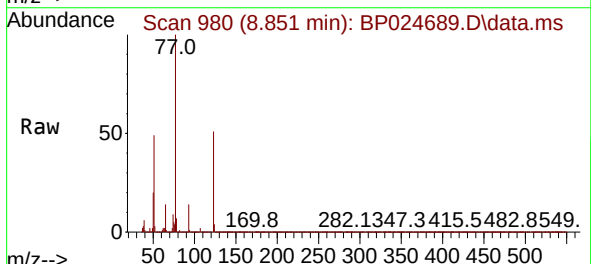
Instrument :
BNA_P
ClientSampleId :

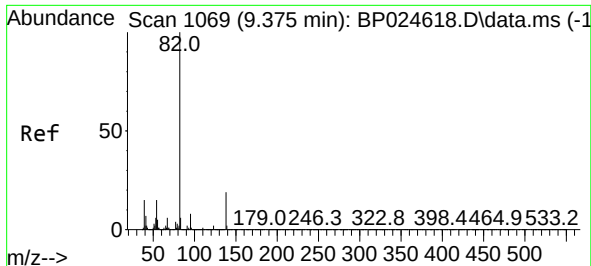
Tgt Ion: 82 Resp: 1011092
Ion Ratio Lower Upper
82 100
128 47.3 37.0 55.4
54 48.2 38.7 58.1



#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

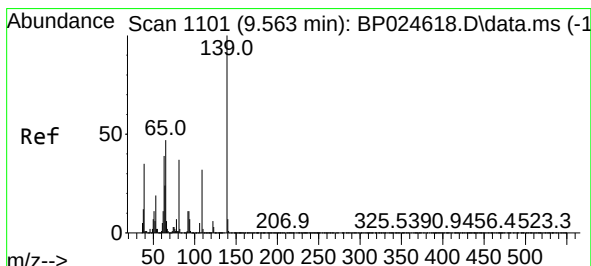
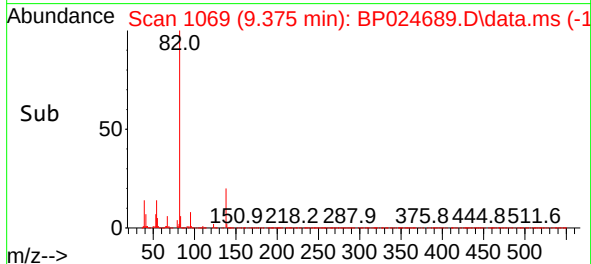
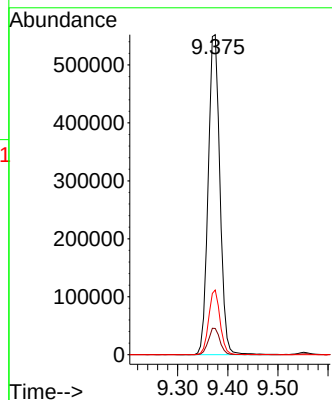
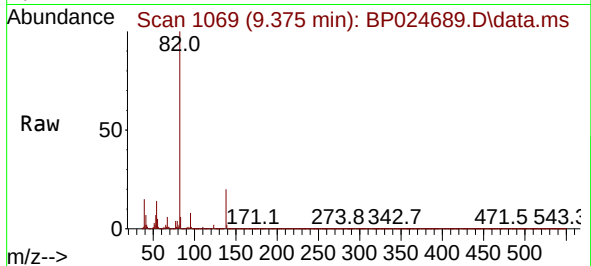




#25
Isophorone
Concen: 37.807 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

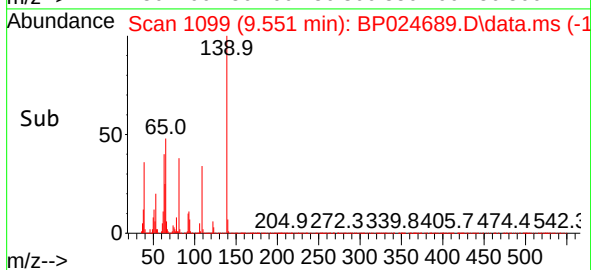
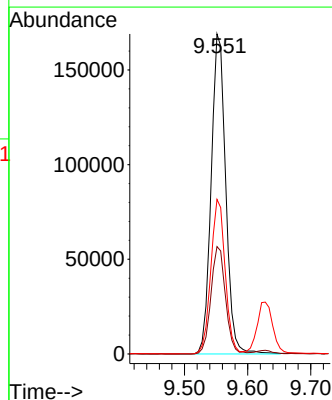
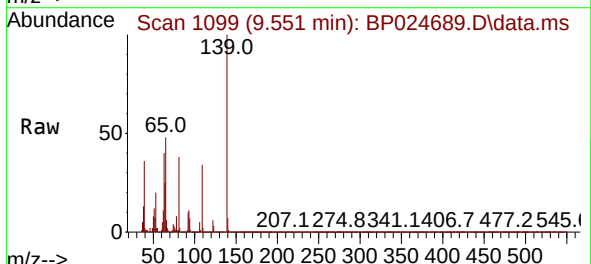
Instrument :
BNA_P
ClientSampleId :

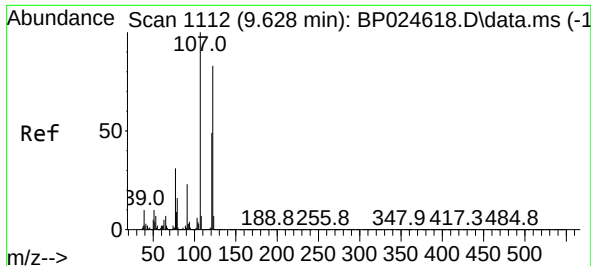
Tgt Ion: 82 Resp: 894332
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 20.2 15.3 22.9



#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# 1112

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

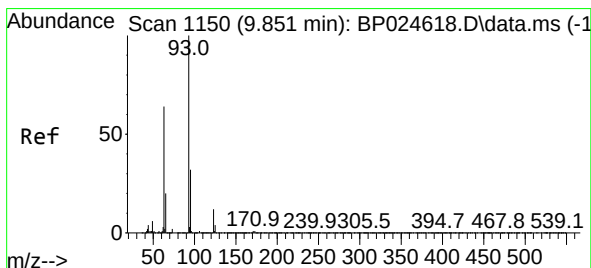
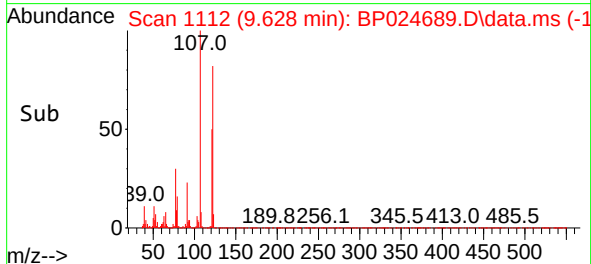
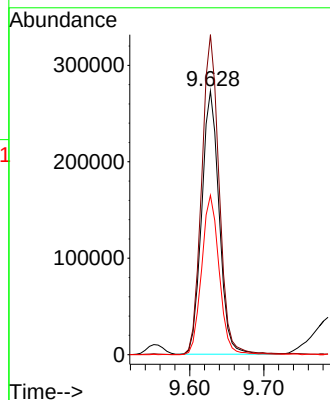
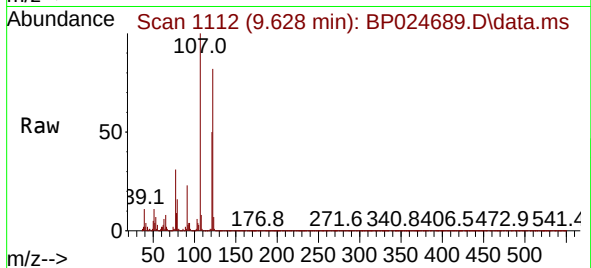
Tgt Ion:122 Resp: 446622

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

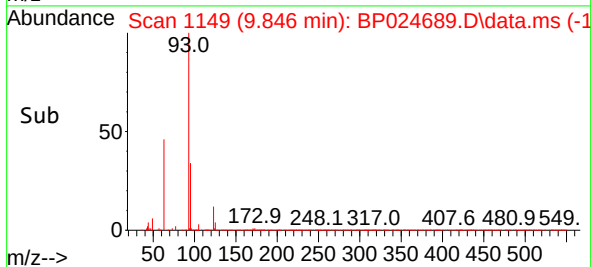
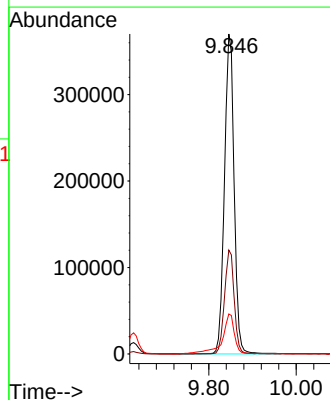
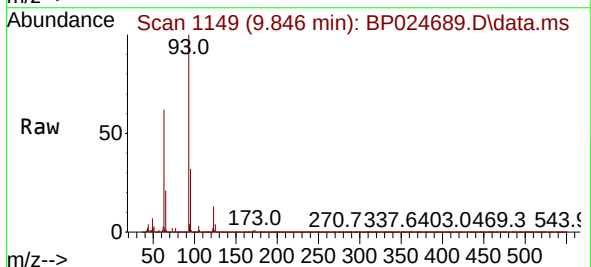
Tgt Ion: 93 Resp: 563242

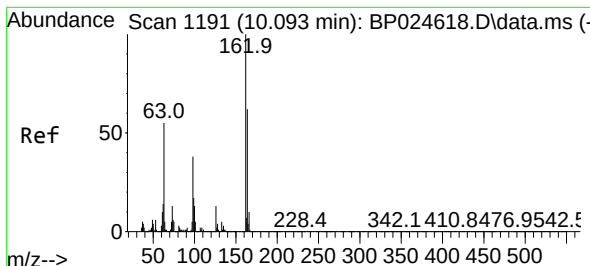
Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

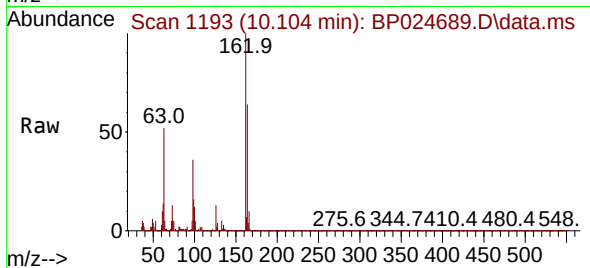
123 12.5 9.7 14.5



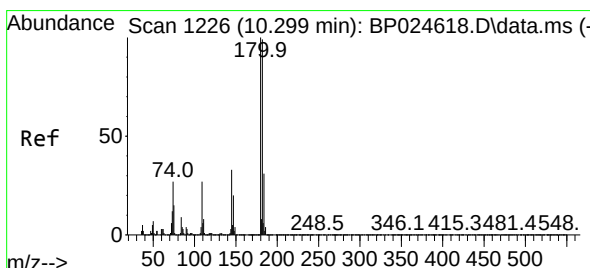
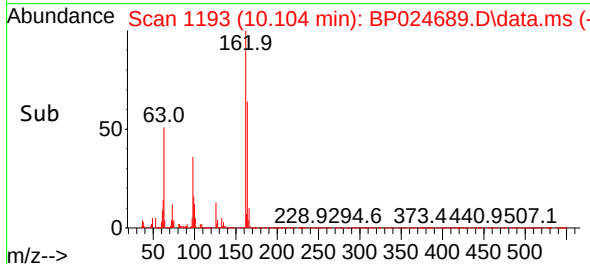
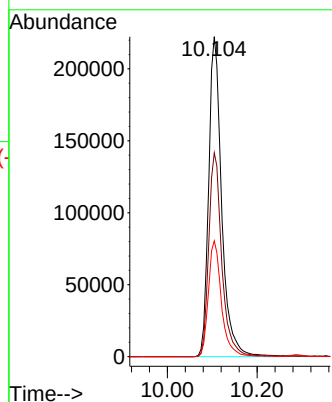


#29
2,4-Dichlorophenol
Concen: 44.541 ng
RT: 10.104 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Instrument :
BNA_P
ClientSampleId :

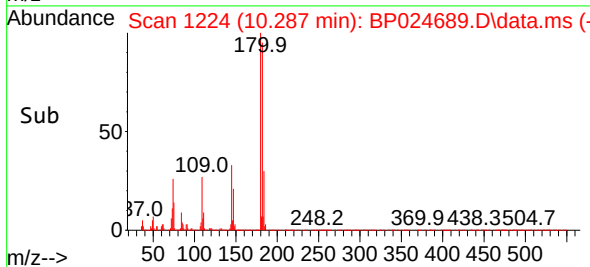
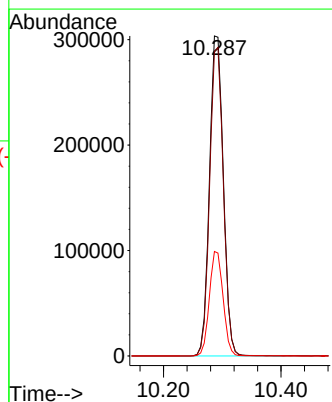
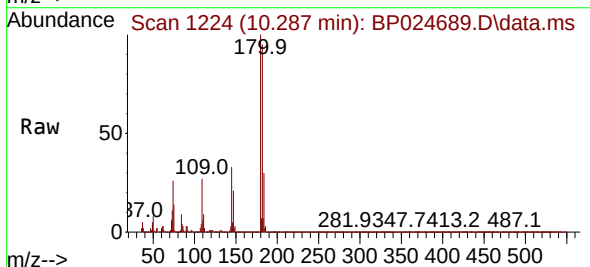


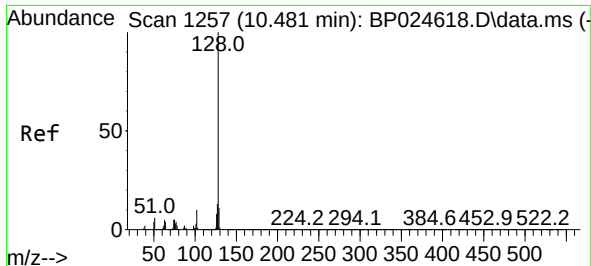
Tgt Ion:162 Resp: 447514
Ion Ratio Lower Upper
162 100
164 63.7 42.3 82.3
98 36.2 18.4 58.4



#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

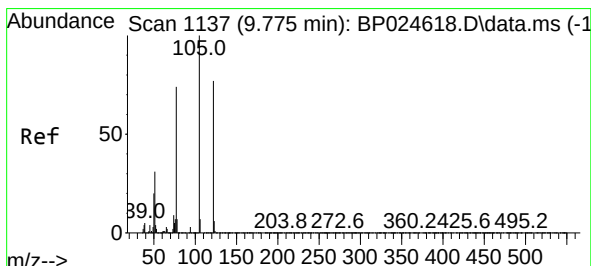
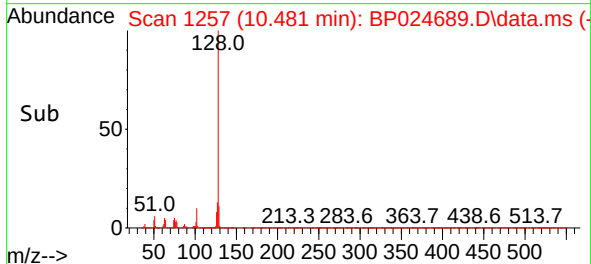
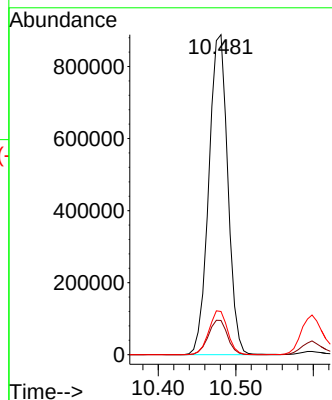
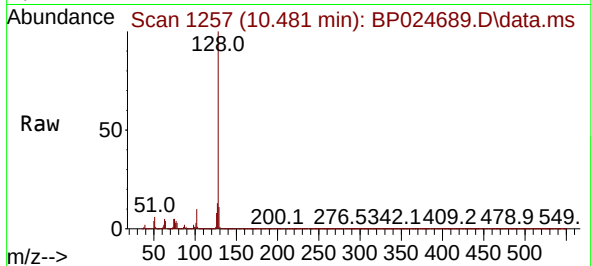




#31
Naphthalene
Concen: 42.246 ng
RT: 10.481 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

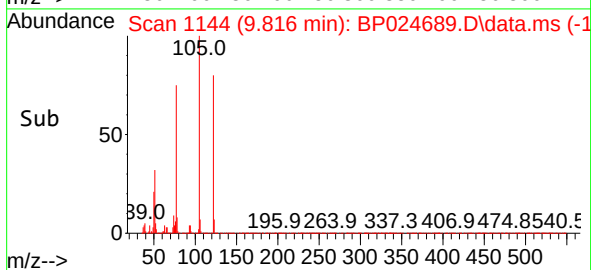
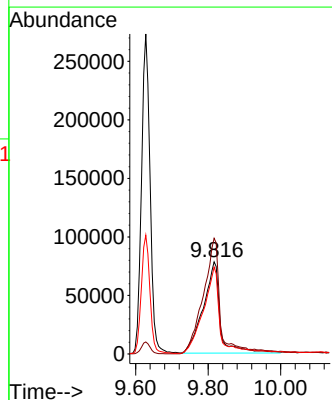
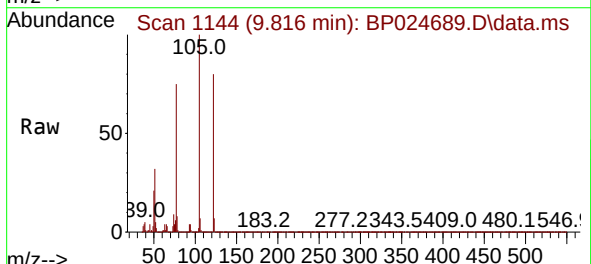
Instrument :
BNA_P
ClientSampleId :

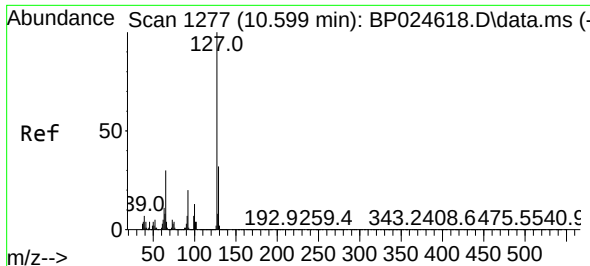
Tgt Ion:128 Resp: 1508450
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.7 16.1



#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

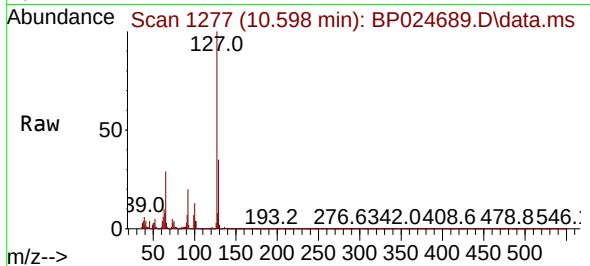
Tgt Ion:122 Resp: 254266
Ion Ratio Lower Upper
122 100
105 125.5 106.9 146.9
77 94.3 75.1 115.1



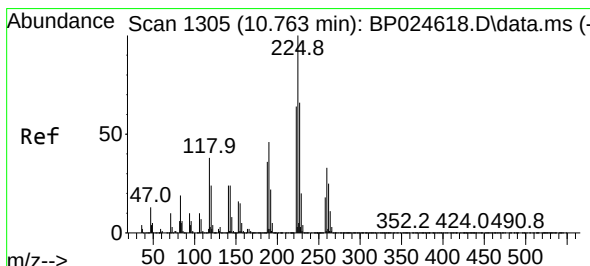
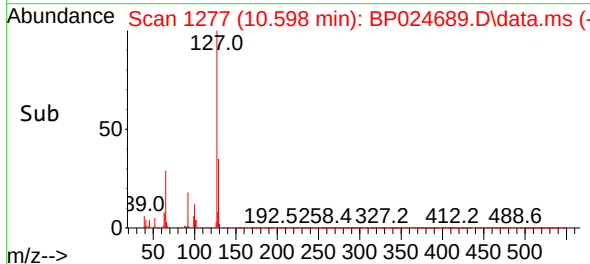
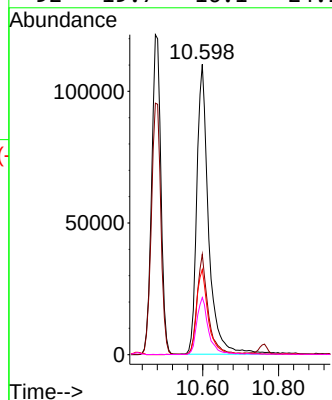


#33
4-Chloroaniline
Concen: 16.696 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Instrument :
BNA_P
ClientSampleId :

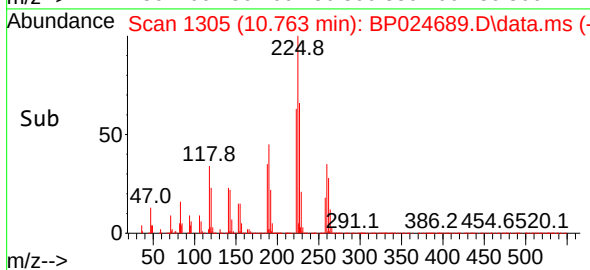
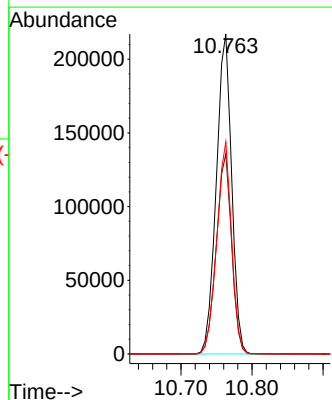
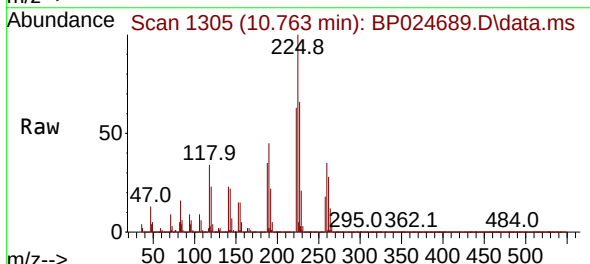


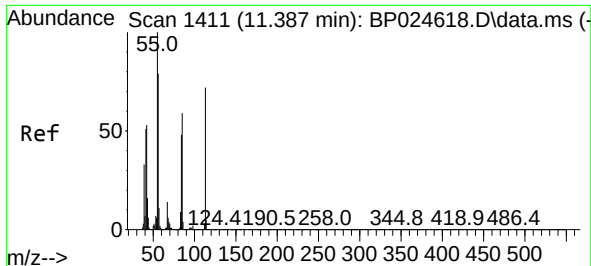
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.8	38.6
65	29.3	23.9	35.9
92	19.7	16.1	24.1



#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	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	66.3	53.1	79.7

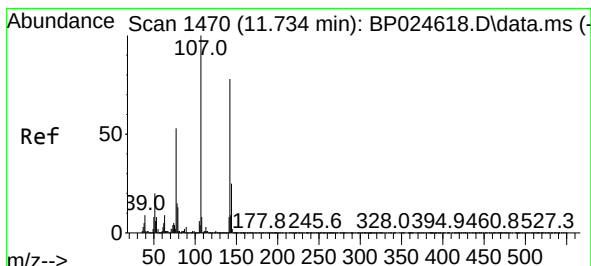
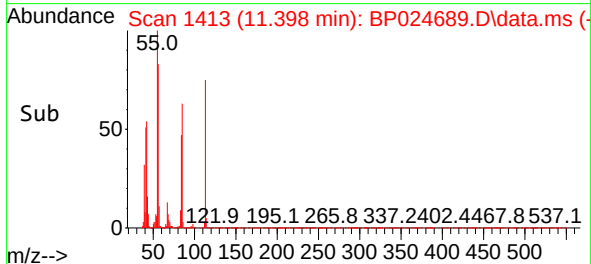
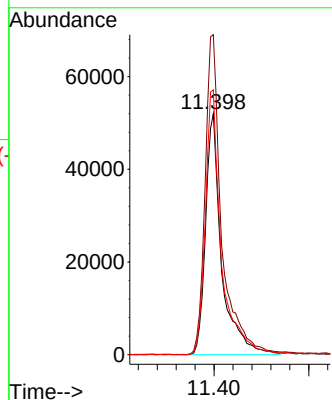
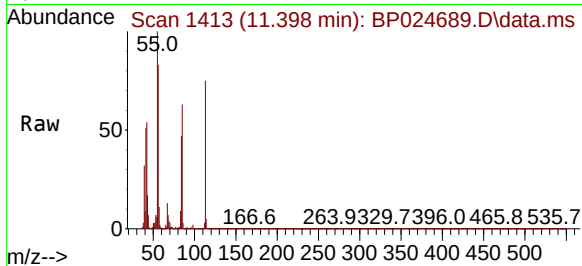




#35
Caprolactam
Concen: 33.532 ng
RT: 11.398 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

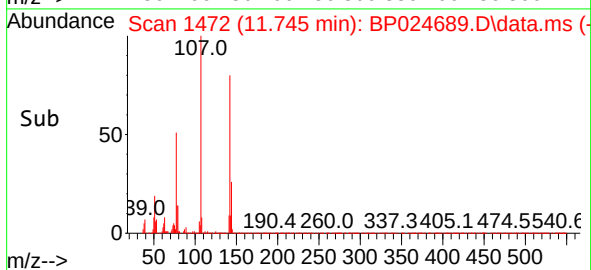
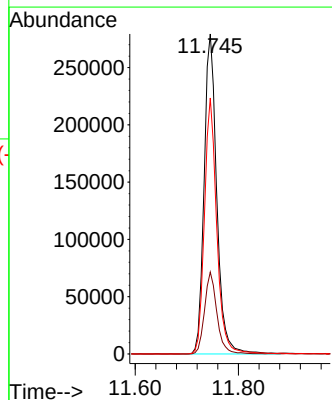
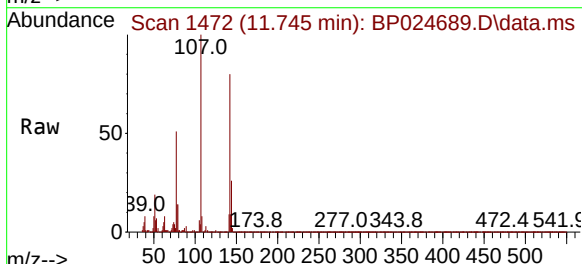
Instrument :
BNA_P
ClientSampleId :

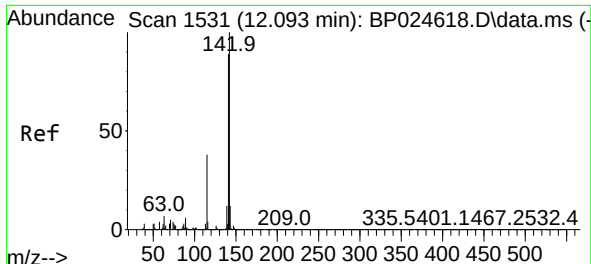
Tgt Ion	Ratio	Lower	Upper
113	100		
55	132.8	119.0	159.0
56	109.9	90.3	130.3



#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	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	80.0	62.1	93.1

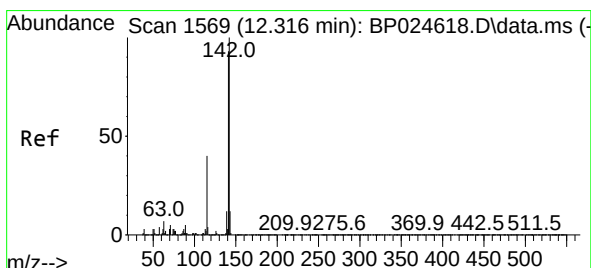
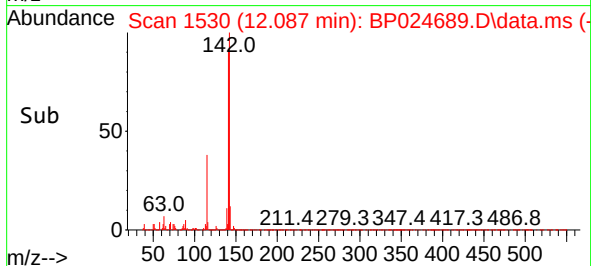
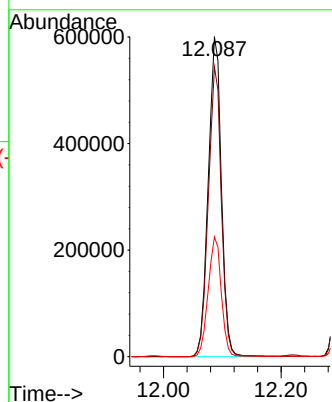
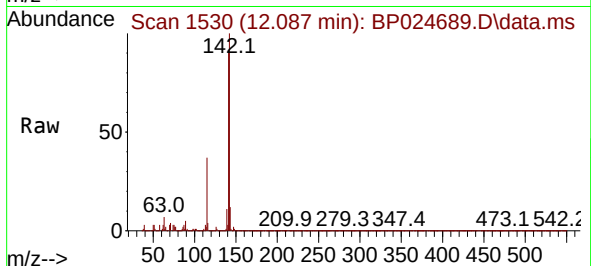




#37
2-Methylnaphthalene
Concen: 40.370 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

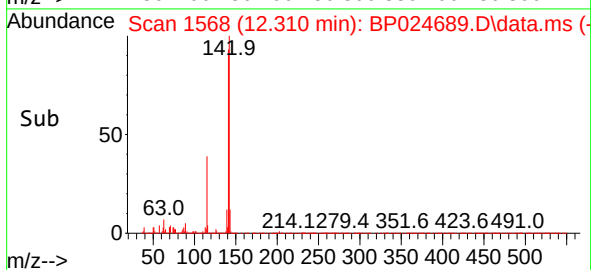
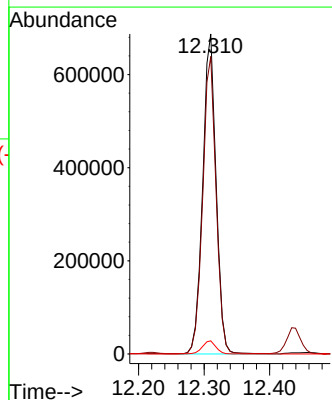
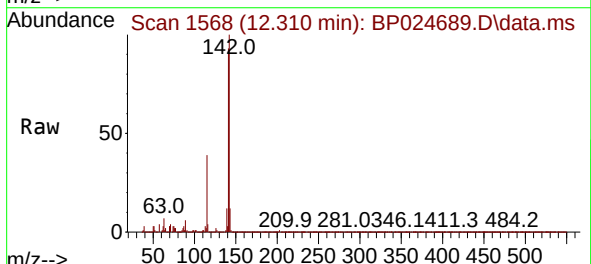
Instrument :
BNA_P
ClientSampleId :

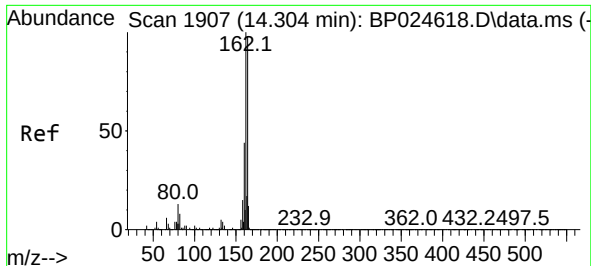
Tgt Ion:142 Resp: 933364
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
115 37.5 30.6 46.0



#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

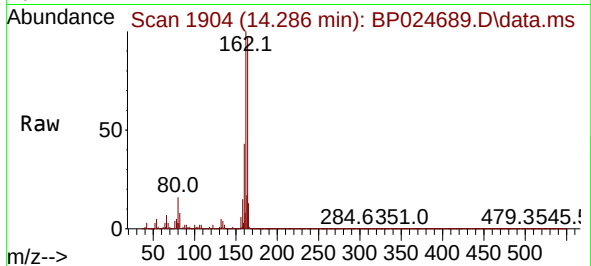
Tgt Ion:142 Resp: 976101
Ion Ratio Lower Upper
142 100
141 93.0 74.7 112.1
116 4.1 3.4 5.2



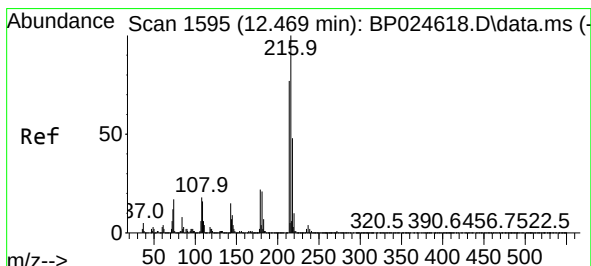
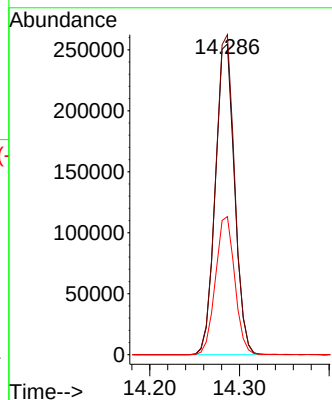
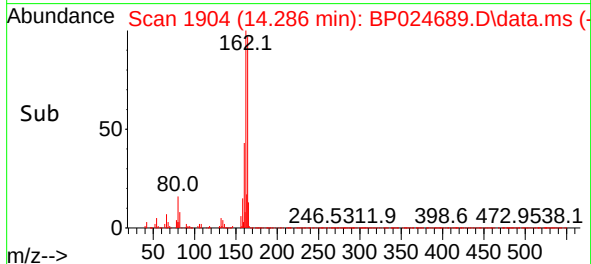


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

Instrument :
BNA_P
ClientSampleId :

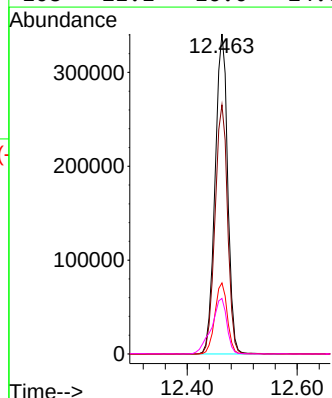
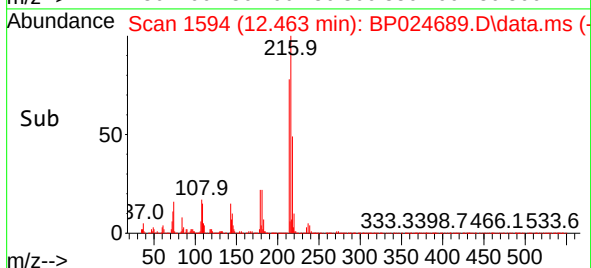
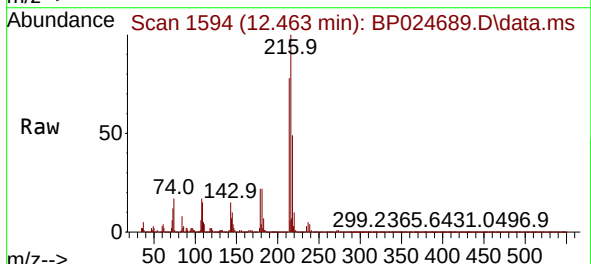


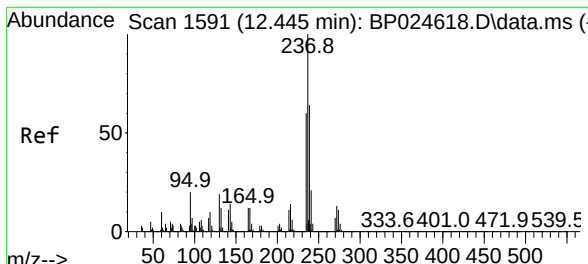
Tgt Ion:164 Resp: 377539
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 44.5 36.3 54.5



#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

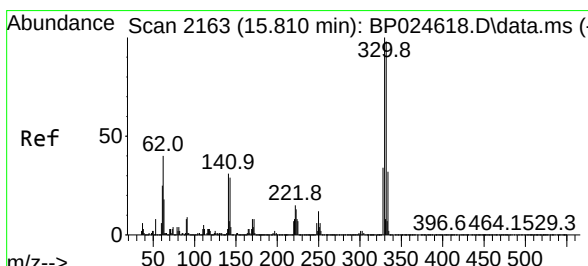
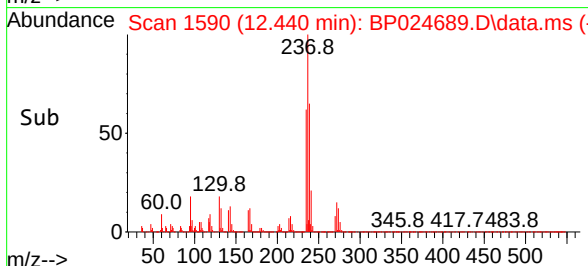
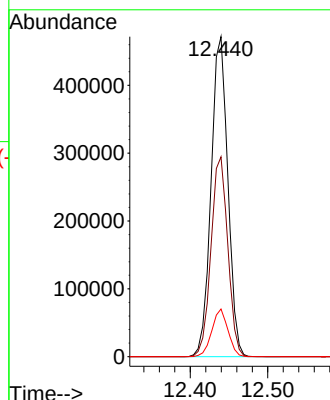
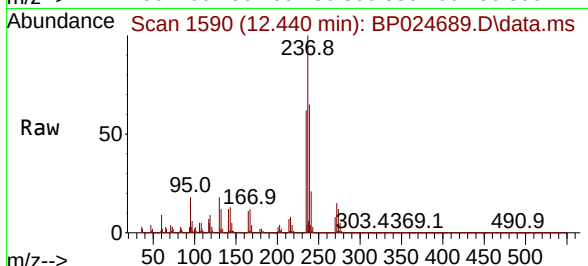




#41
Hexachlorocyclopentadiene
Concen: 106.529 ng
RT: 12.440 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

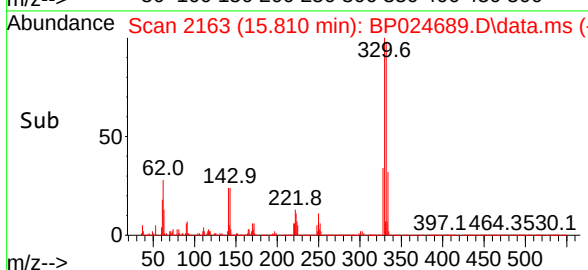
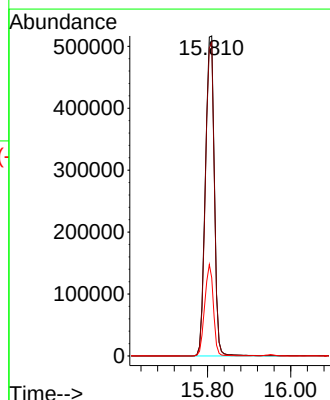
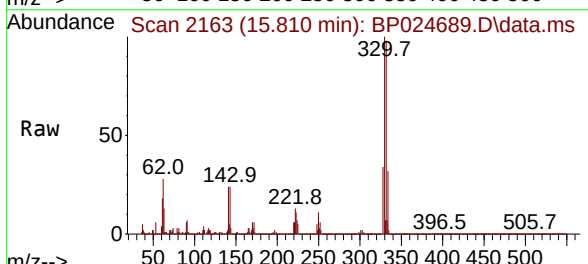
Instrument :
BNA_P
ClientSampleId :

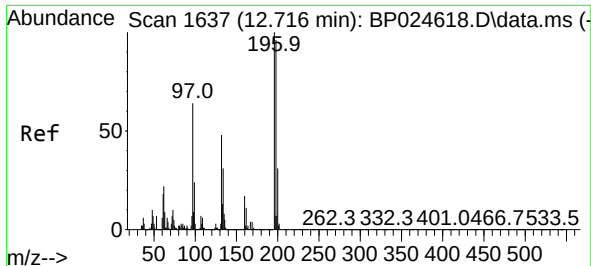
Tgt Ion:237 Resp: 708183
Ion Ratio Lower Upper
237 100
235 62.5 39.9 79.9
272 14.9 0.0 33.2



#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

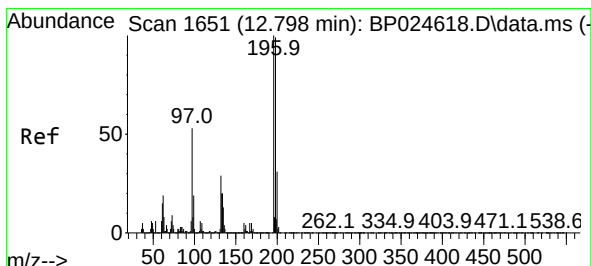
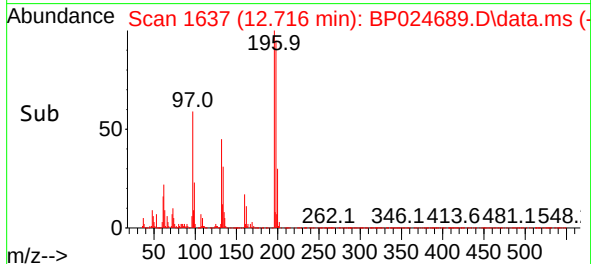
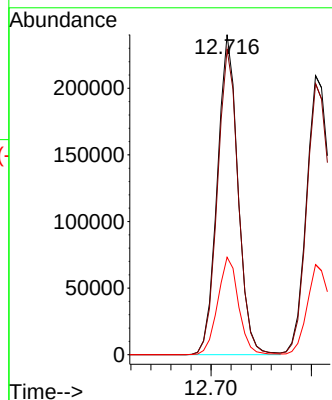
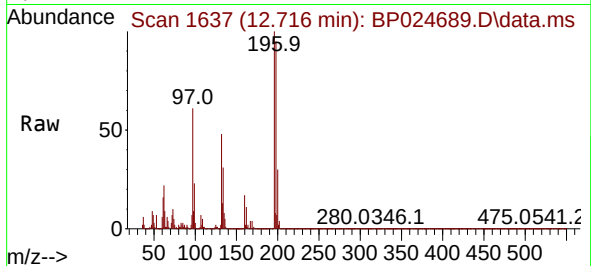




#43
2,4,6-Trichlorophenol
Concen: 48.399 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

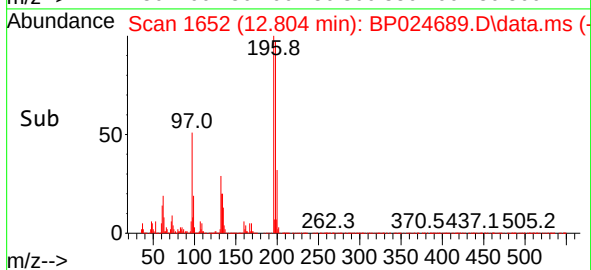
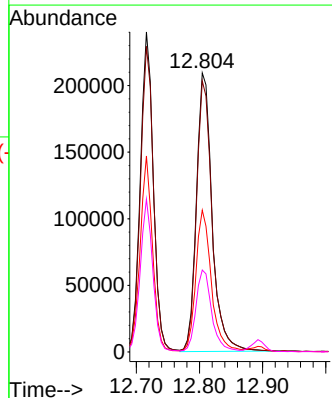
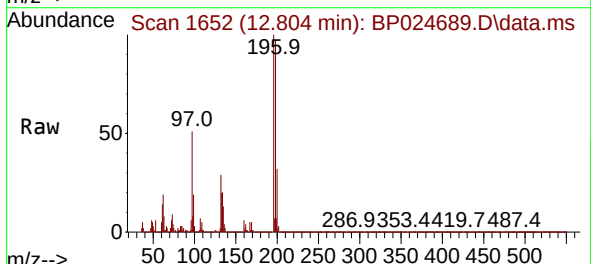
Instrument :
BNA_P
ClientSampleId :

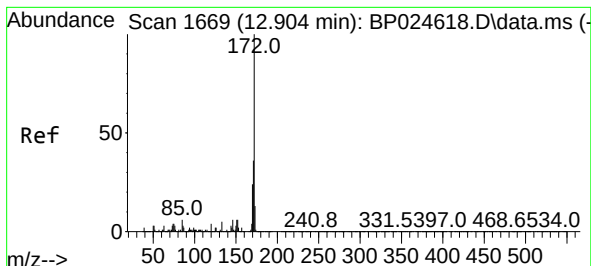
Tgt Ion:196 Resp: 343683
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 30.4 25.2 37.8



#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 Resp: 362987
Ion Ratio Lower Upper
196 100
198 97.2 79.2 118.8
97 50.8 42.3 63.5
132 29.4 23.3 34.9

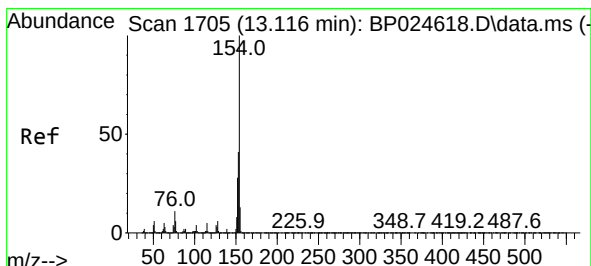
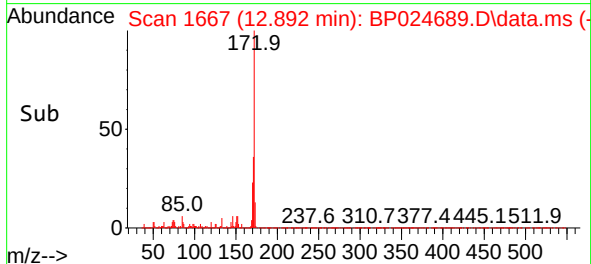
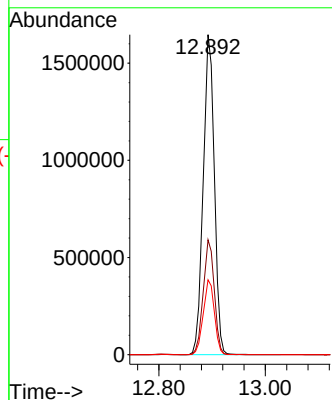
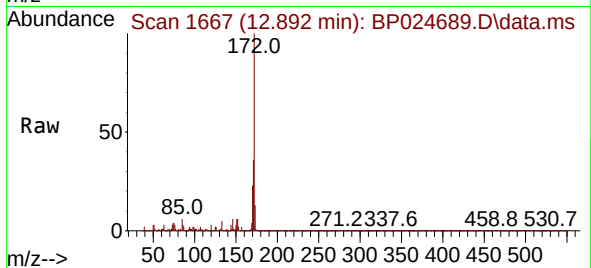




#45
2-Fluorobiphenyl
Concen: 82.780 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

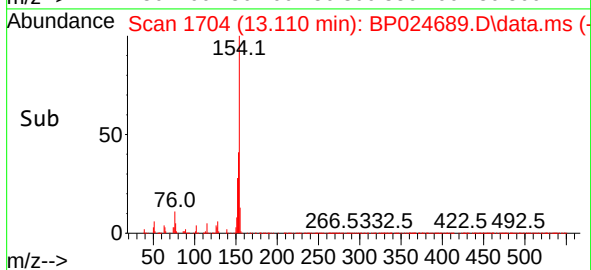
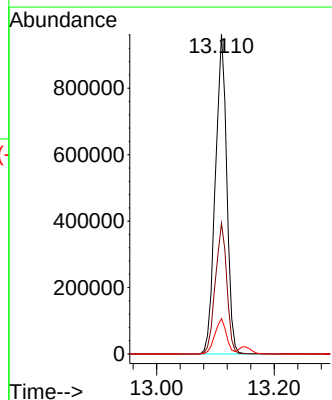
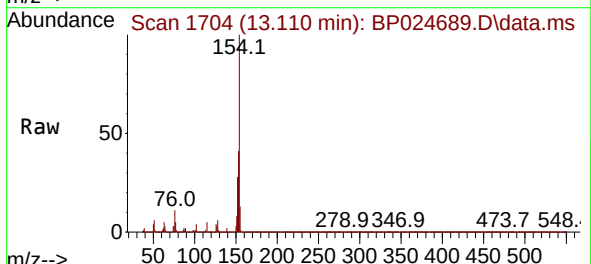
Instrument :
BNA_P
ClientSampleId :

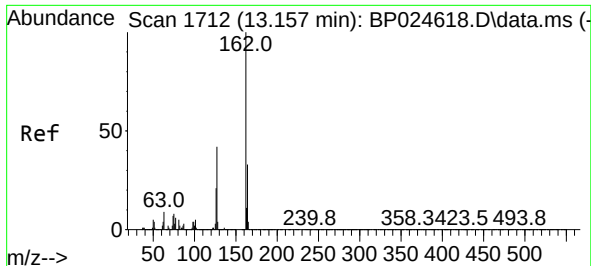
Tgt Ion:172 Resp: 2385462
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.4 18.8 28.2



#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

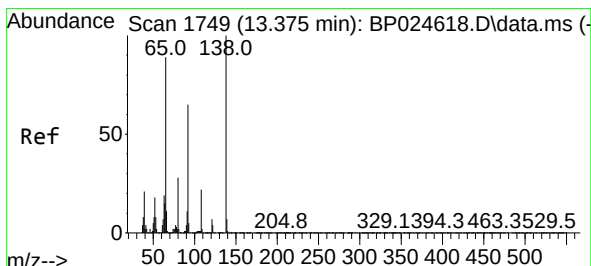
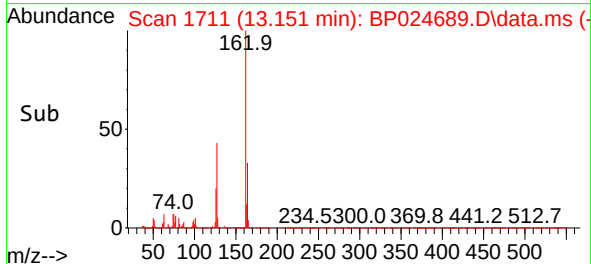
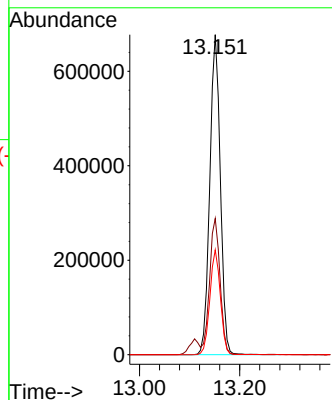
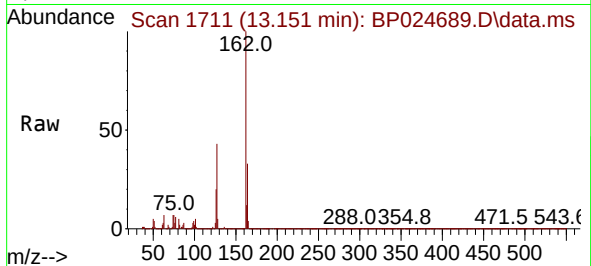




#47
2-Chloronaphthalene
Concen: 46.494 ng
RT: 13.151 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

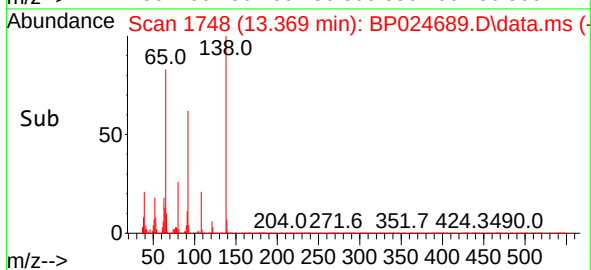
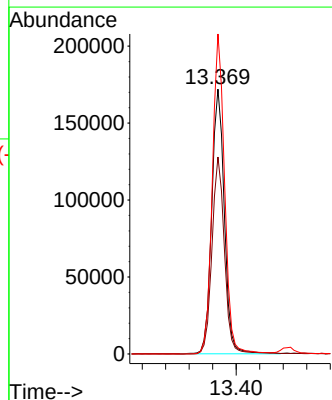
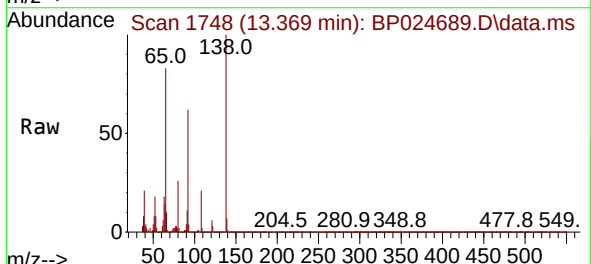
Instrument :
BNA_P
ClientSampleId :

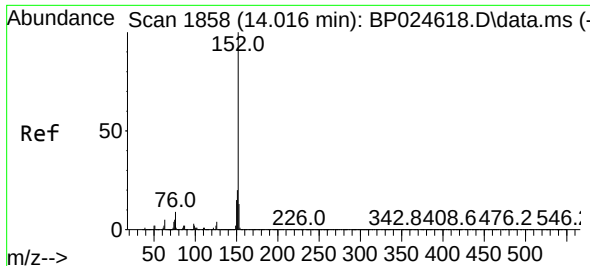
Tgt Ion:162 Resp: 989216
Ion Ratio Lower Upper
162 100
127 42.6 33.8 50.6
164 32.7 26.0 39.0



#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

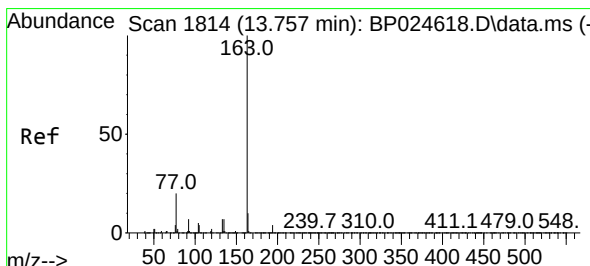
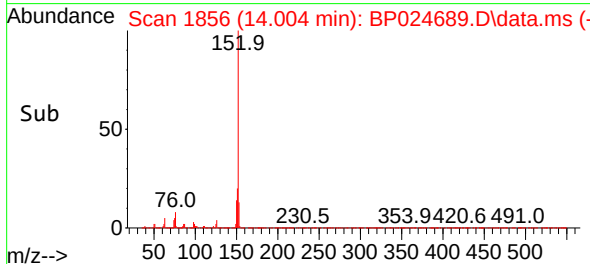
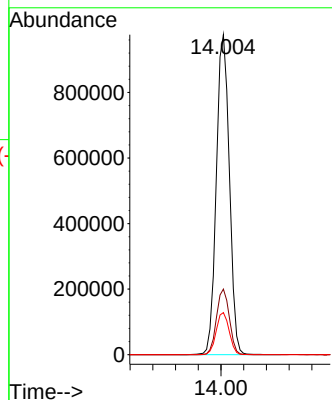
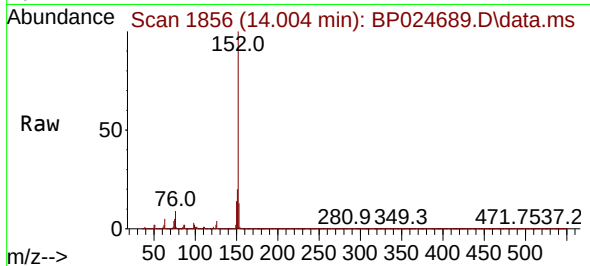




#49
Acenaphthylene
Concen: 43.522 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

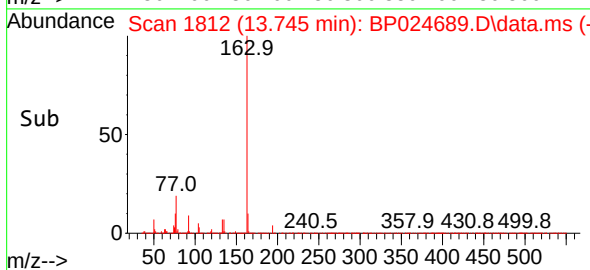
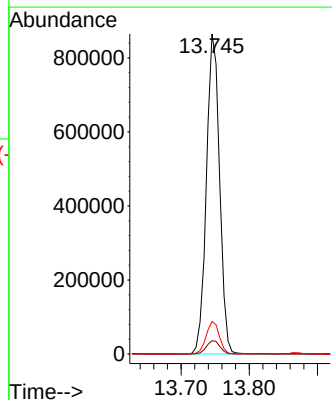
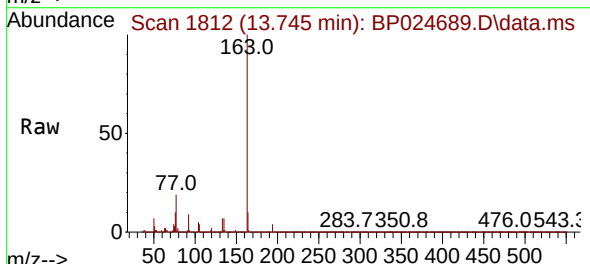
Instrument :
BNA_P
ClientSampleId :

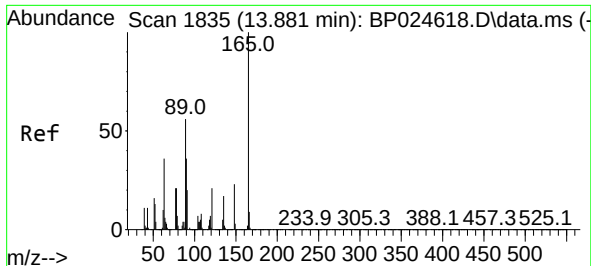
Tgt Ion:152 Resp: 1549623
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.2 10.2 15.4



#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

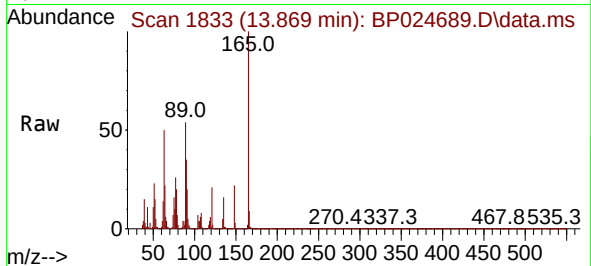
Tgt Ion:163 Resp: 1161487
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1



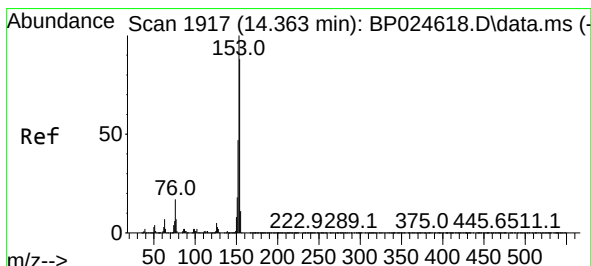
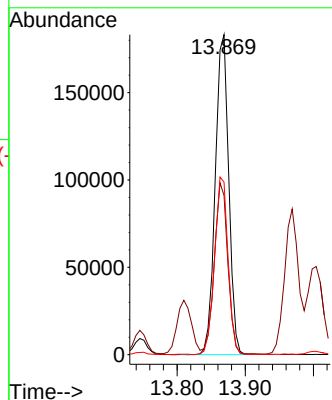
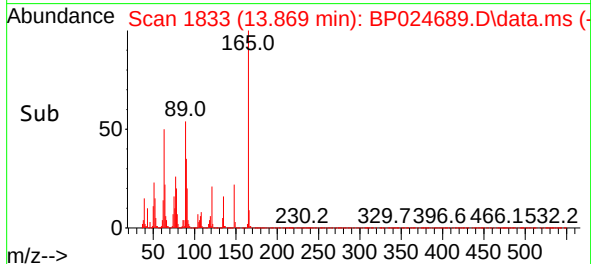


#51
2,6-Dinitrotoluene
Concen: 41.507 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

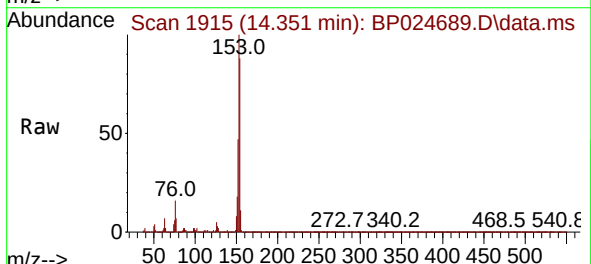
Instrument :
BNA_P
ClientSampleId :



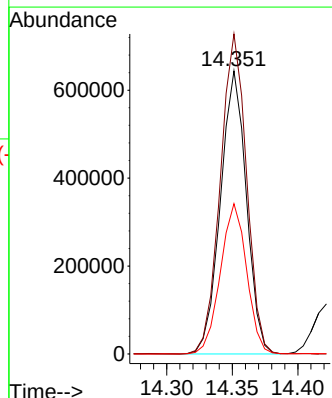
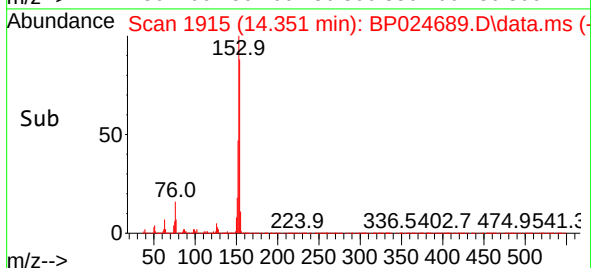
Tgt Ion:165 Resp: 252252
Ion Ratio Lower Upper
165 100
63 49.7 42.4 63.6
89 53.9 44.8 67.2

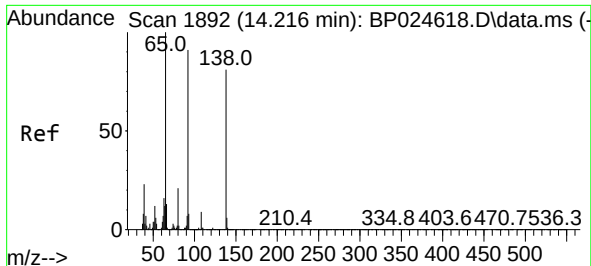


#52
Acenaphthene
Concen: 43.149 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50



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

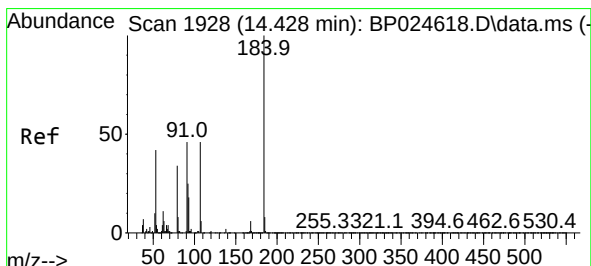
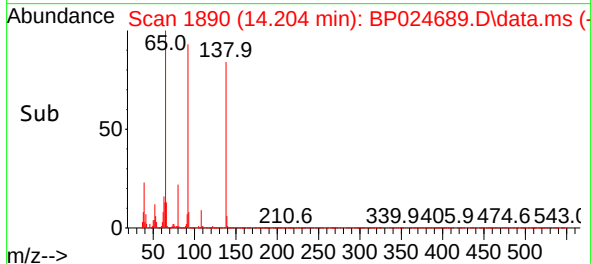
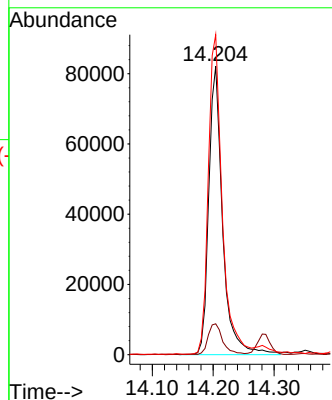
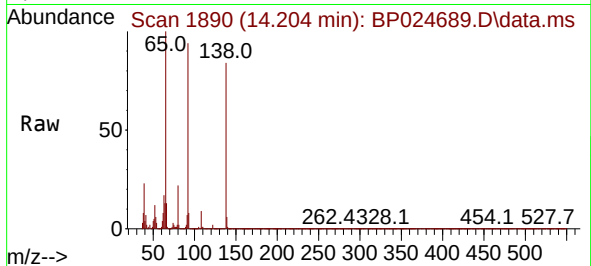




#53
3-Nitroaniline
Concen: 20.883 ng
RT: 14.204 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

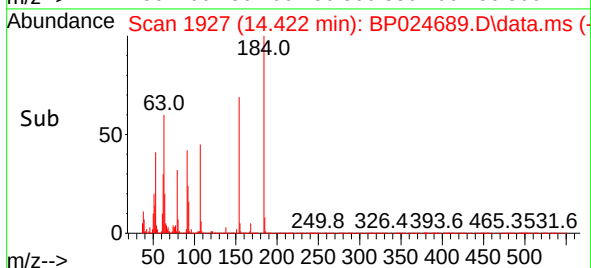
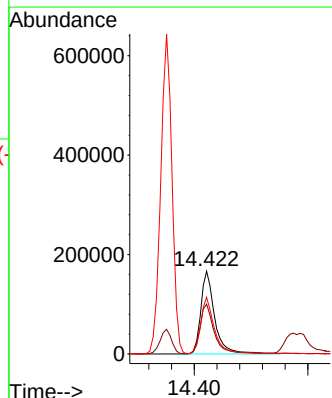
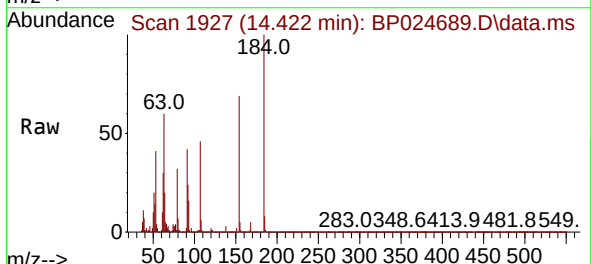
Instrument :
BNA_P
ClientSampleId :

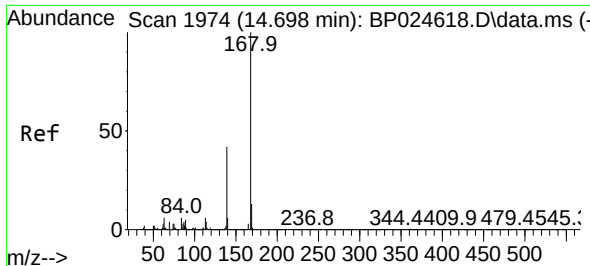
Tgt Ion:138 Resp: 129590
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 110.9 90.1 135.1



#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

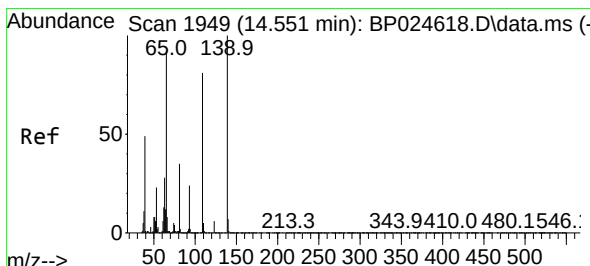
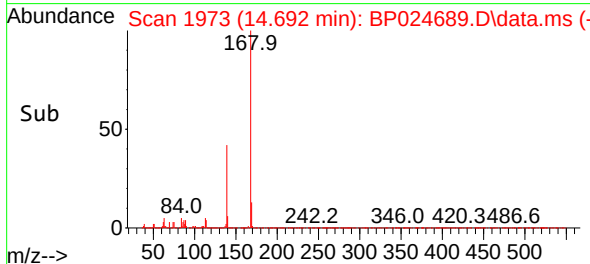
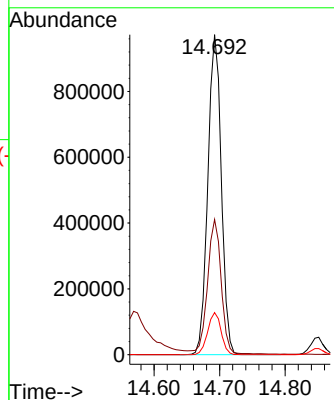
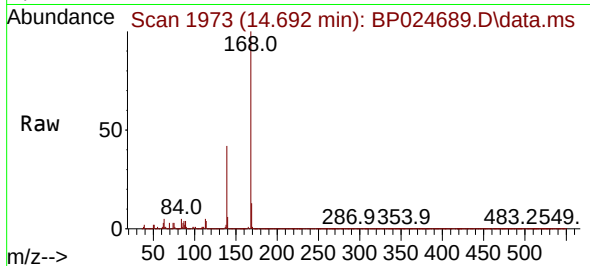




#55
Dibenzenofuran
Concen: 42.542 ng
RT: 14.692 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

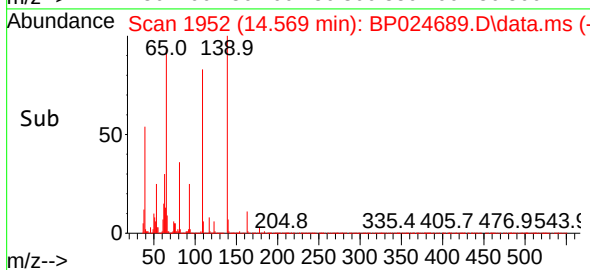
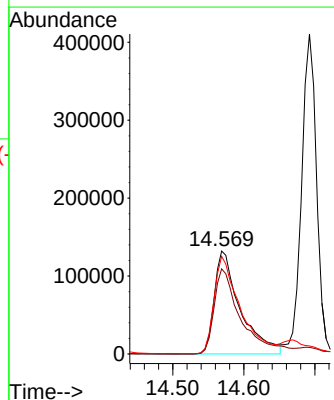
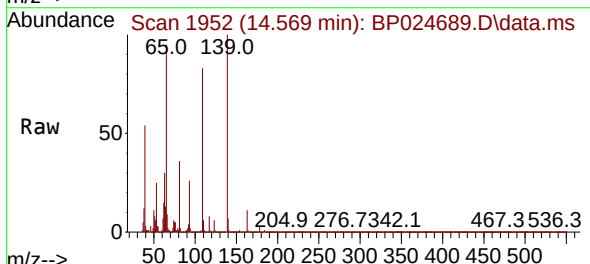
Instrument :
BNA_P
ClientSampleId :

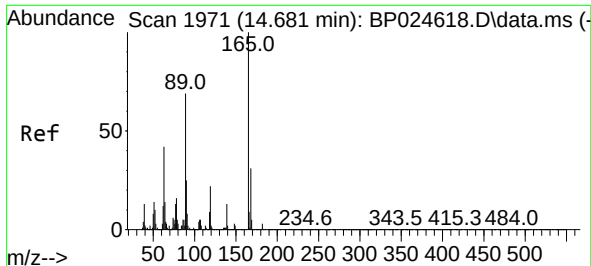
Tgt Ion:168 Resp: 1388976
Ion Ratio Lower Upper
168 100
139 42.2 34.2 51.4
169 13.2 10.8 16.2



#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

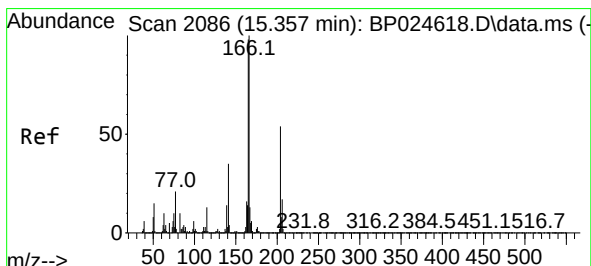
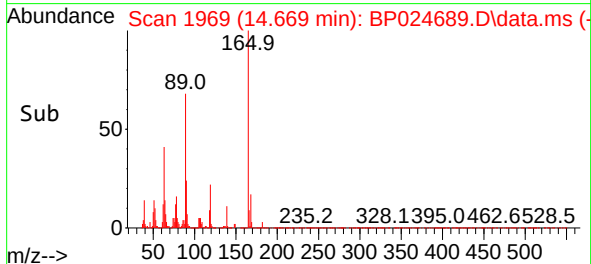
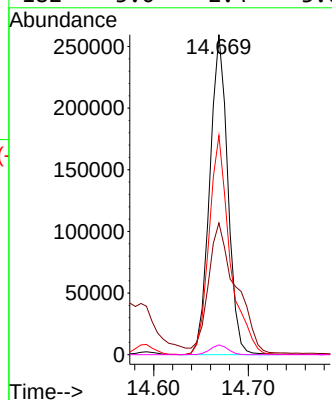
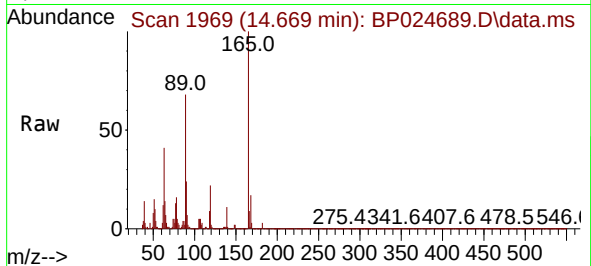




#57
2,4-Dinitrotoluene
Concen: 39.993 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

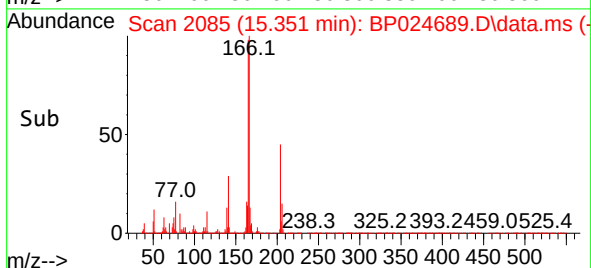
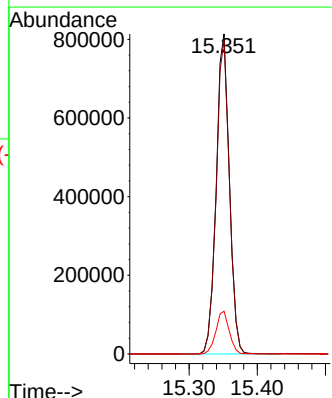
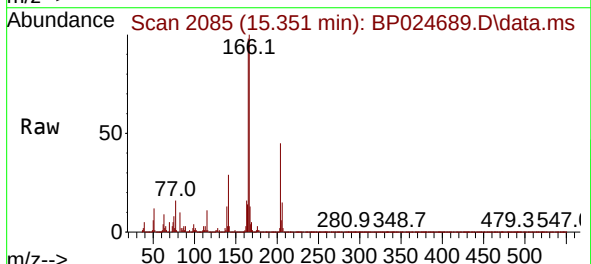
Instrument :
BNA_P
ClientSampleId :

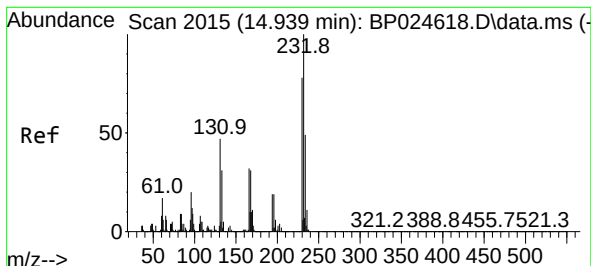
Tgt Ion:165 Resp: 342662
Ion Ratio Lower Upper
165 100
63 41.1 33.8 50.6
89 68.5 55.6 83.4
182 3.0 2.4 3.6



#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

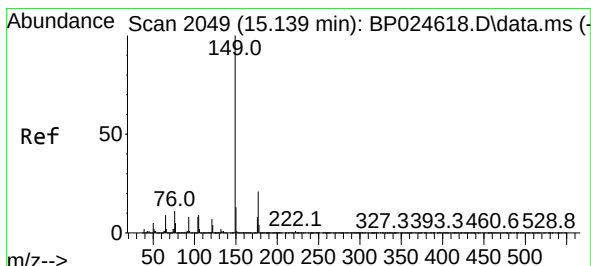
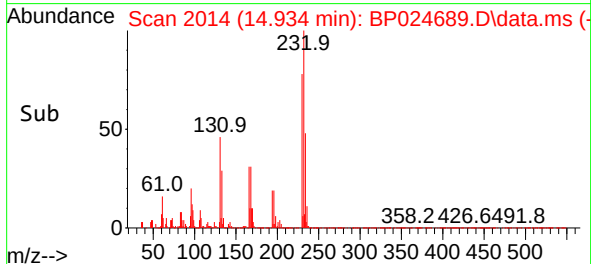
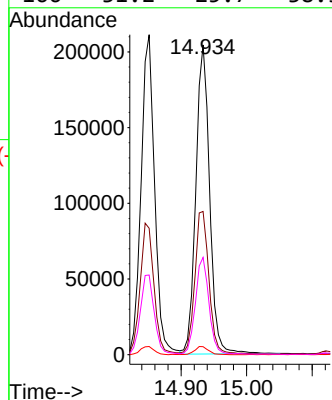
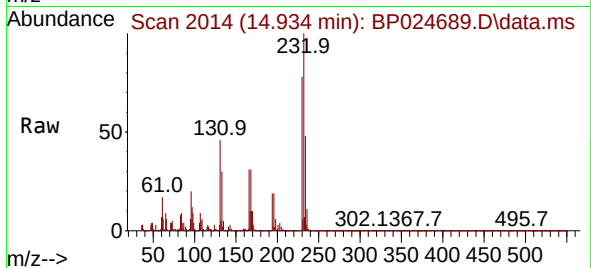




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.805 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

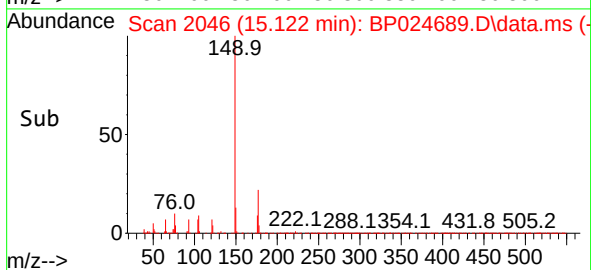
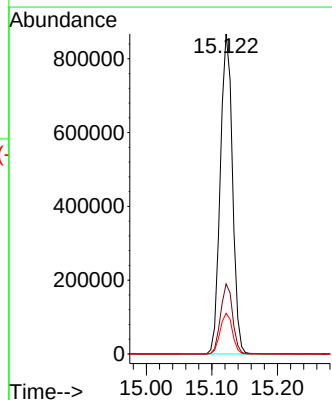
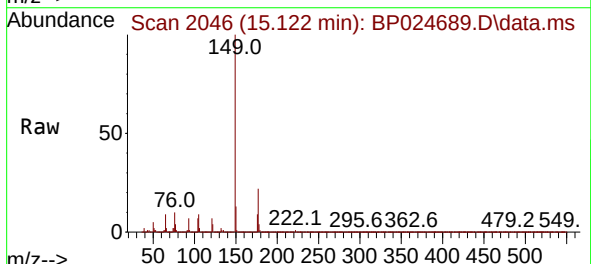
Instrument :
BNA_P
ClientSampleId :

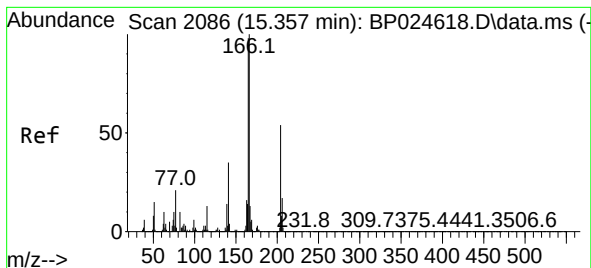
Tgt Ion:232 Resp: 299203
Ion Ratio Lower Upper
232 100
131 48.1 39.5 59.3
130 2.7 2.2 3.4
166 31.2 25.7 38.5



#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

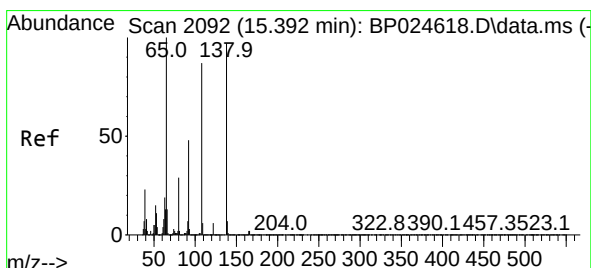
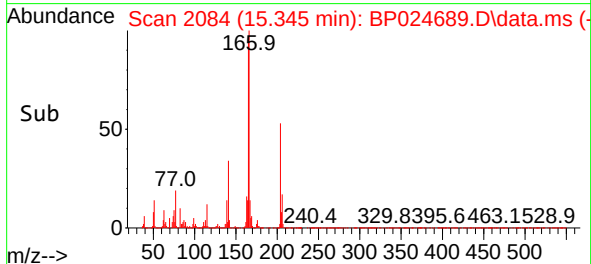
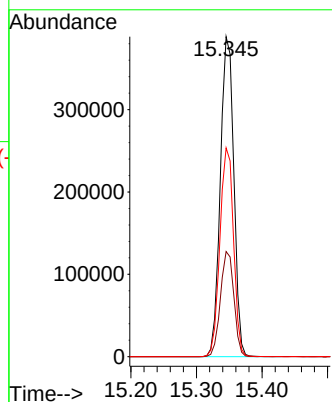
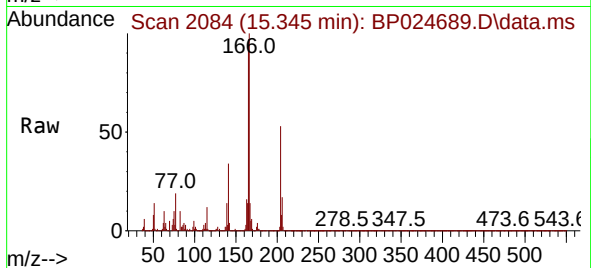




#61
4-Chlorophenyl-phenylether
Concen: 41.625 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

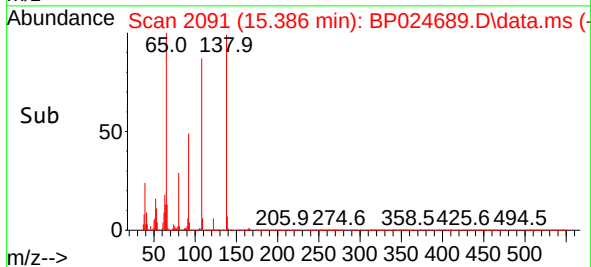
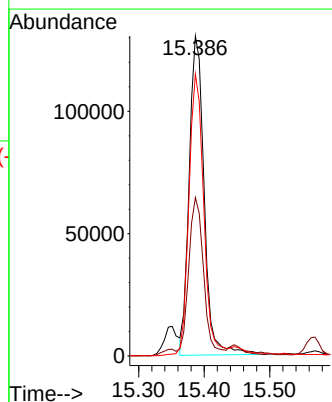
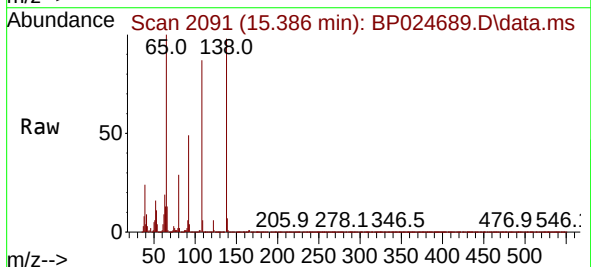
Instrument :
BNA_P
ClientSampleId :

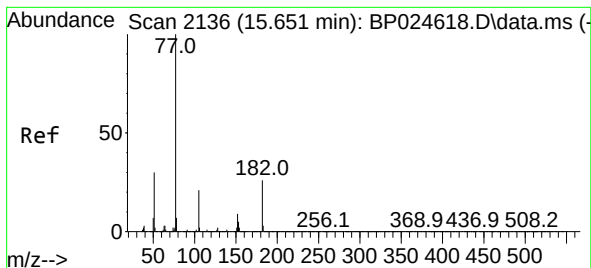
Tgt Ion:204 Resp: 552635
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 65.3 52.9 79.3



#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# 2136

Delta R.T. -0.006 min

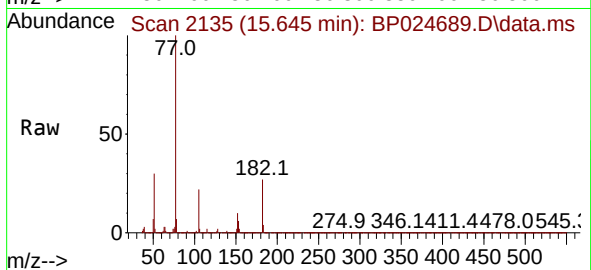
Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :



Tgt Ion: 77 Resp: 989411

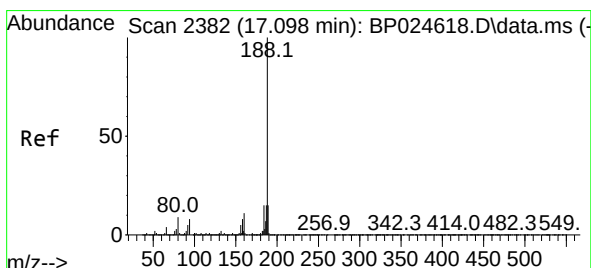
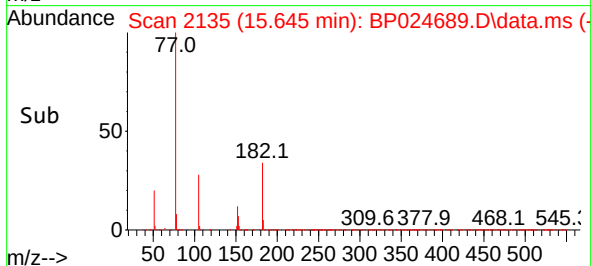
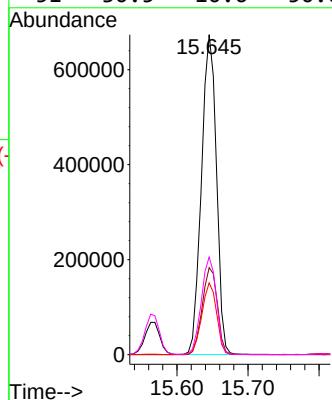
Ion Ratio Lower Upper

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

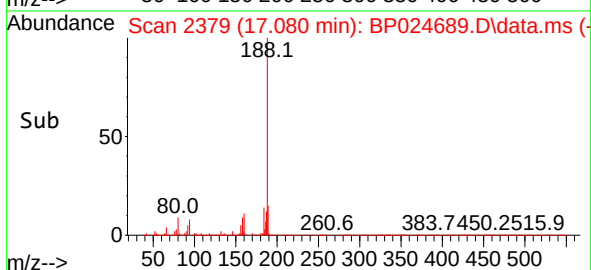
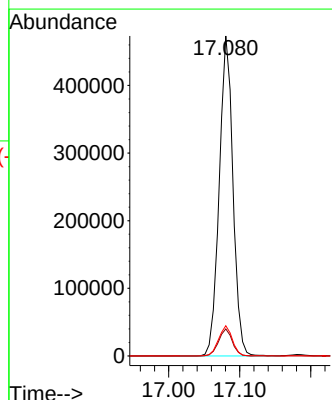
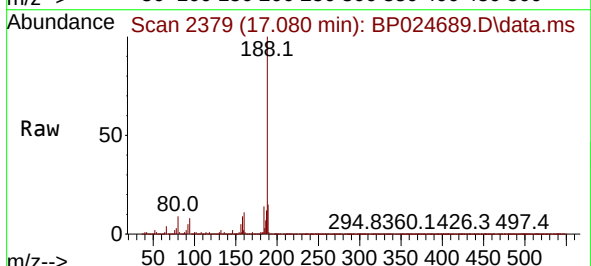
Tgt Ion: 188 Resp: 631736

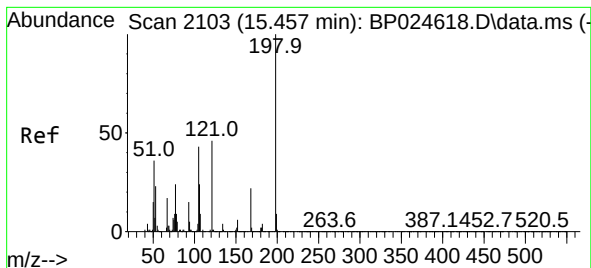
Ion Ratio Lower Upper

188 100

94 8.5 6.5 9.7

80 9.5 7.3 10.9

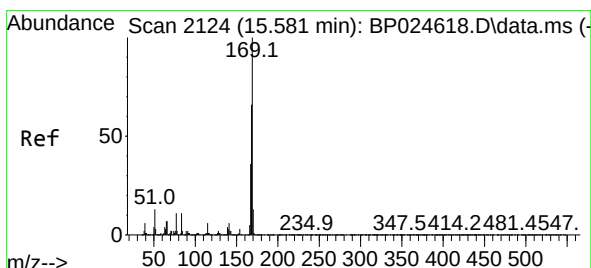
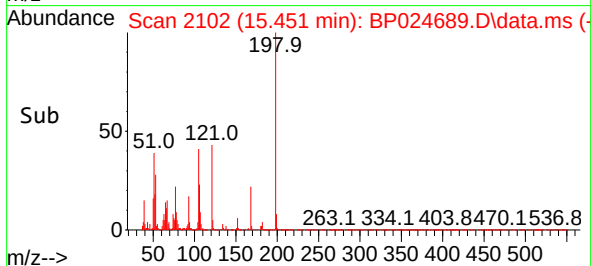
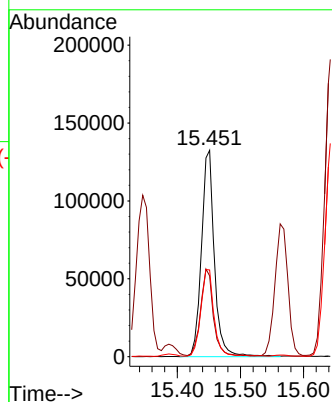
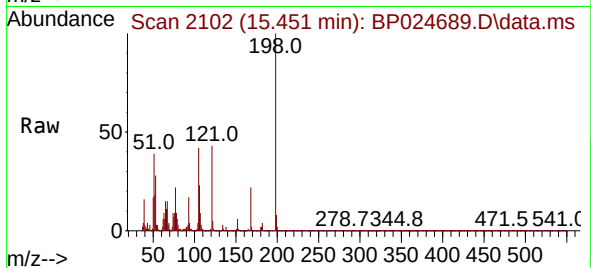




#65
4,6-Dinitro-2-methylphenol
Concen: 46.122 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

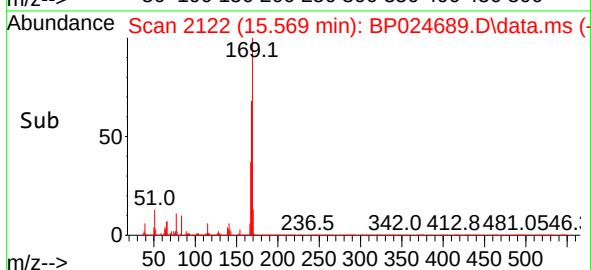
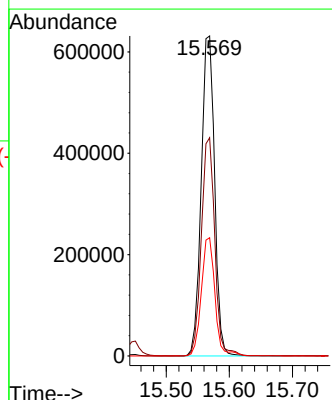
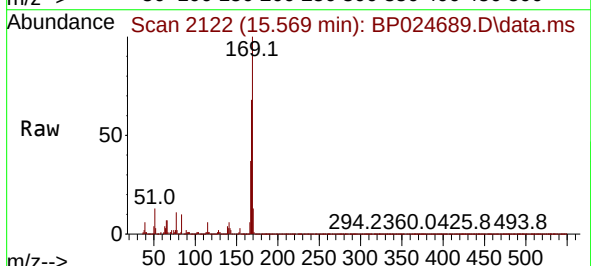
Instrument :
BNA_P
ClientSampleId :

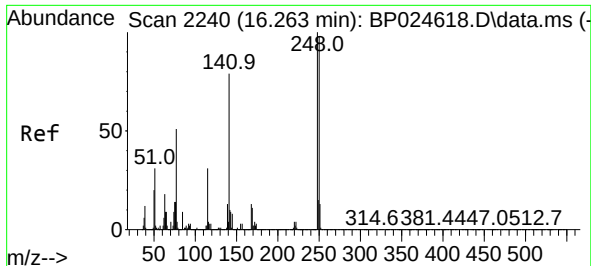
Tgt Ion:198 Resp: 188204
Ion Ratio Lower Upper
198 100
51 39.1 21.1 61.1
105 42.0 23.6 63.6



#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

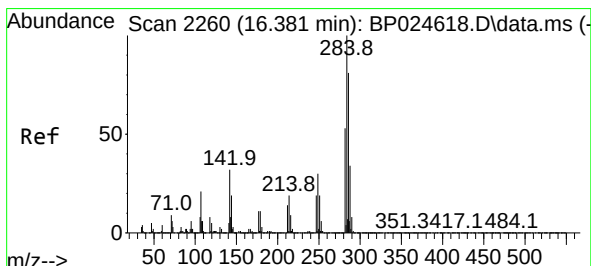
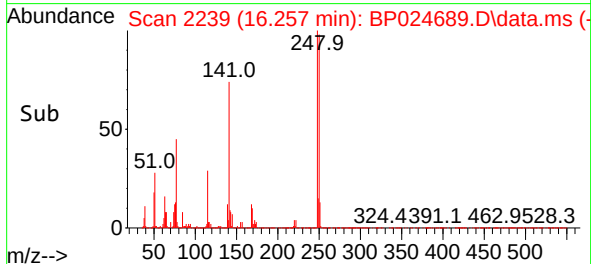
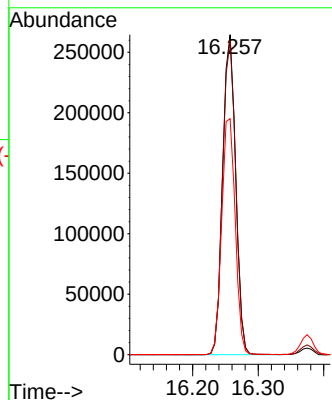
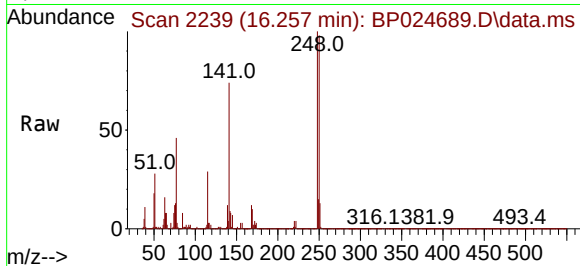




#67
4-Bromophenyl-phenylether
Concen: 48.957 ng
RT: 16.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

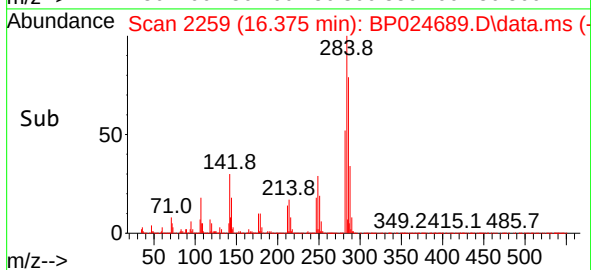
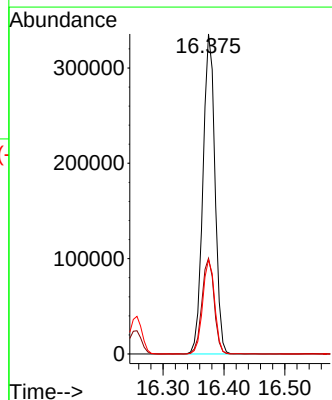
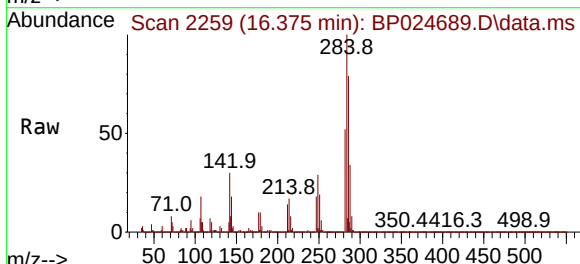
Instrument :
BNA_P
ClientSampleId :

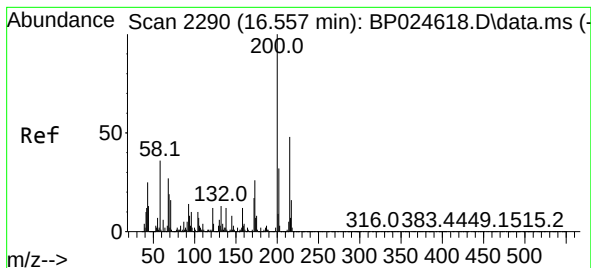
Tgt Ion:248 Resp: 364435
Ion Ratio Lower Upper
248 100
250 98.1 78.2 117.4
141 73.7 63.0 94.6



#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# 21

Delta R.T. -0.012 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

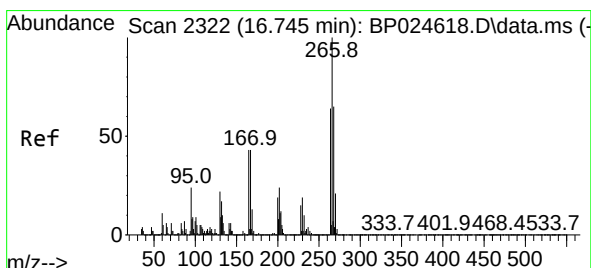
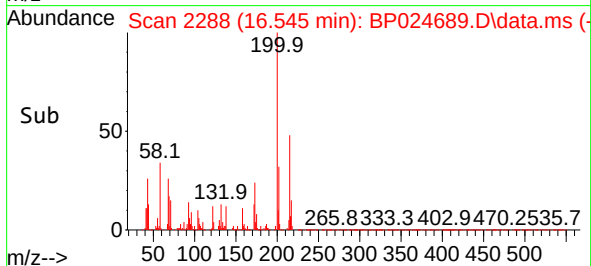
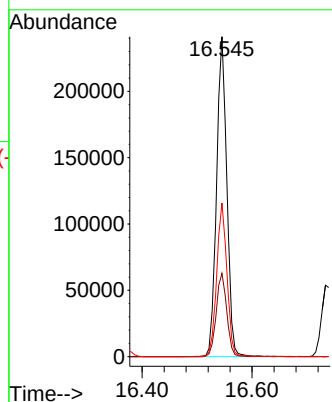
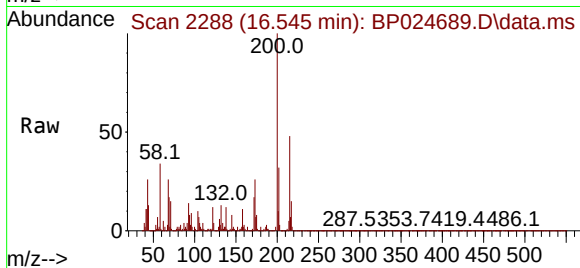
Tgt Ion:200 Resp: 314166

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

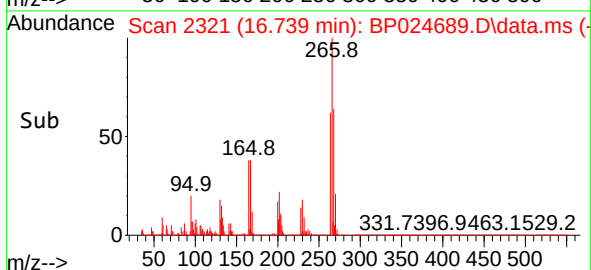
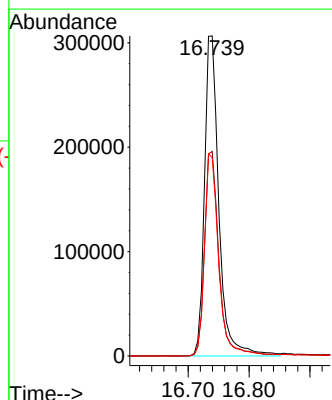
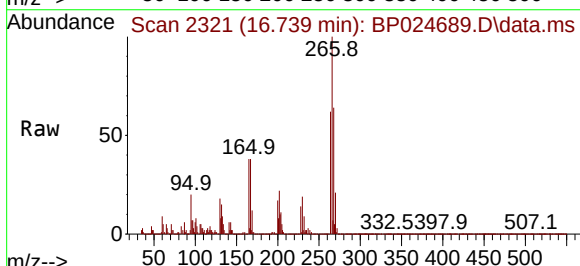
Tgt Ion:266 Resp: 504633

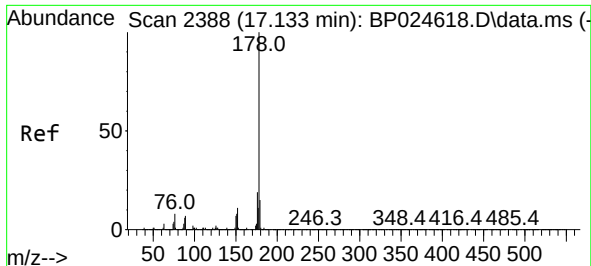
Ion Ratio Lower Upper

266 100

268 63.9 52.2 78.4

264 62.0 51.1 76.7

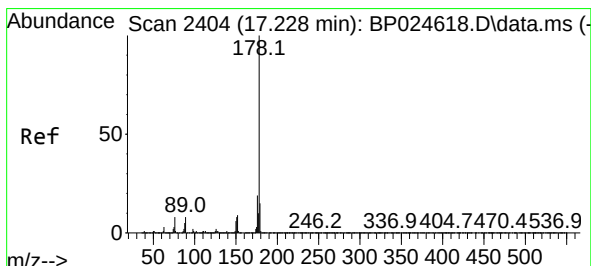
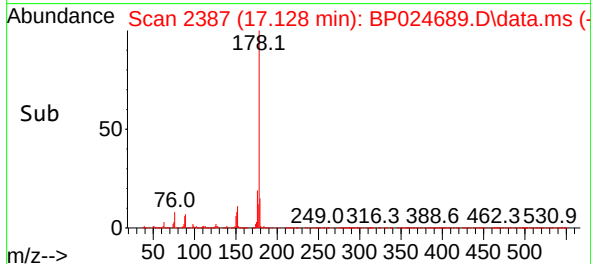
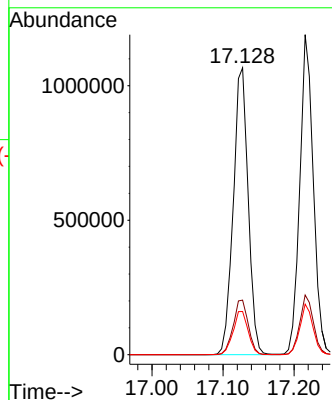
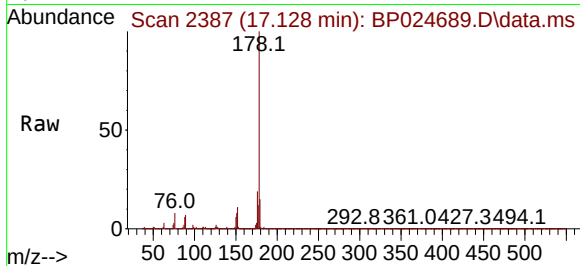




#71
Phenanthrene
Concen: 44.326 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

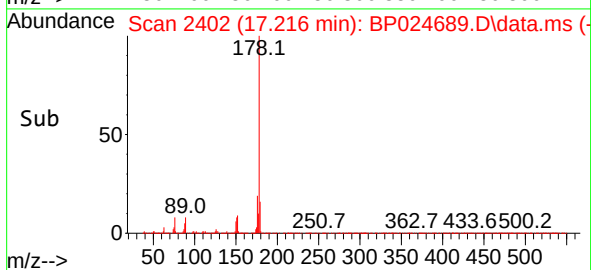
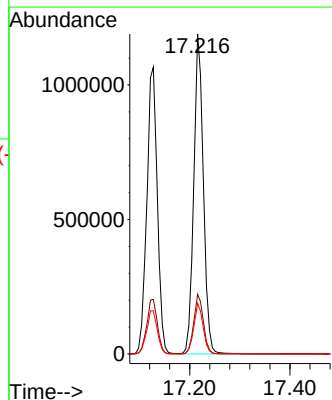
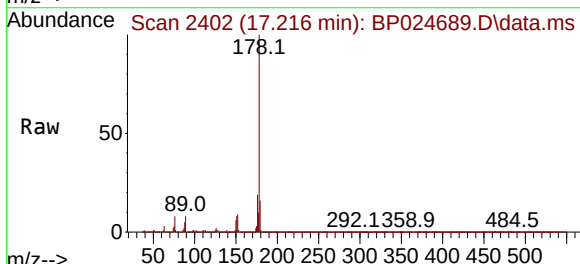
Instrument :
BNA_P
ClientSampleId :

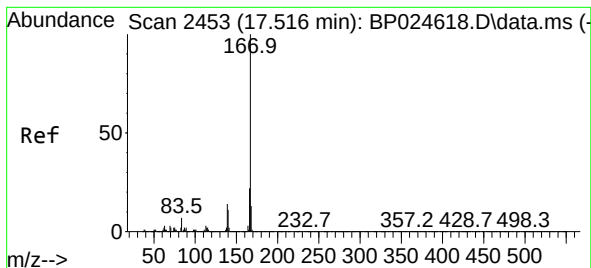
Tgt Ion:178 Resp: 1556680
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.2 18.4



#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# 24

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

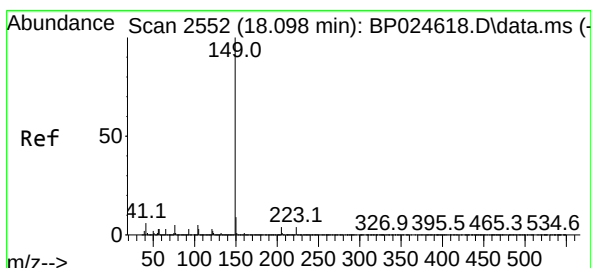
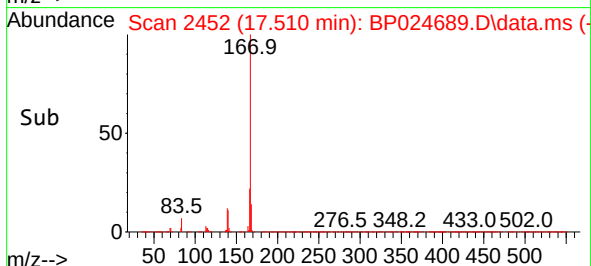
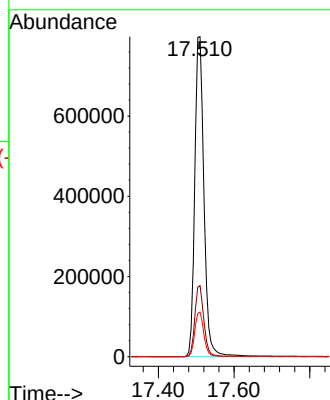
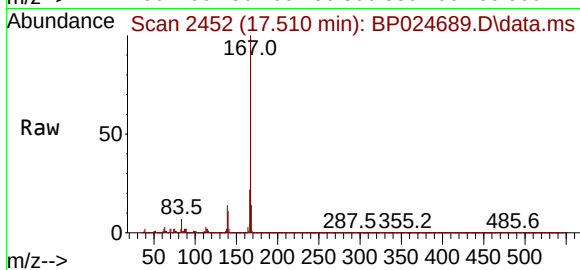
Tgt Ion:167 Resp: 1361201

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

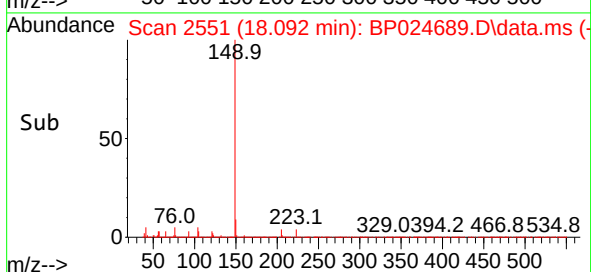
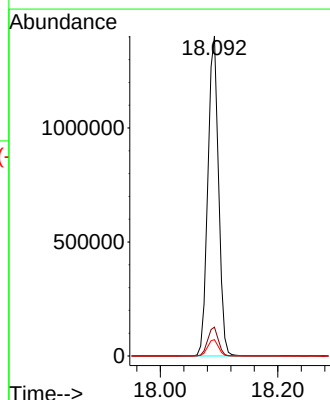
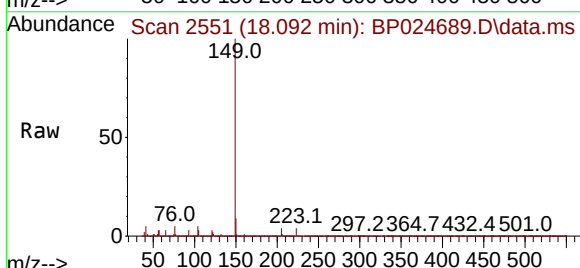
Tgt Ion:149 Resp: 1762481

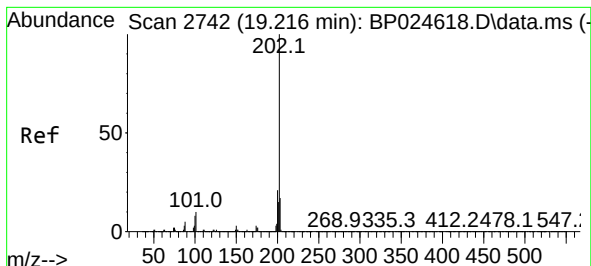
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

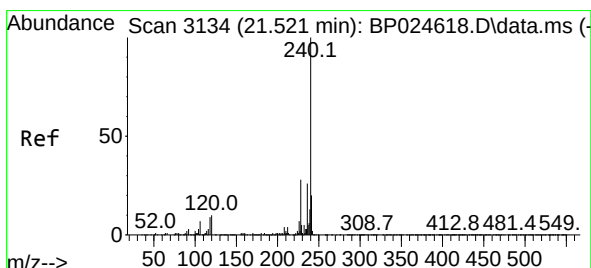
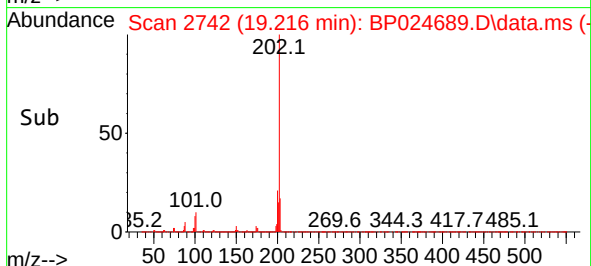
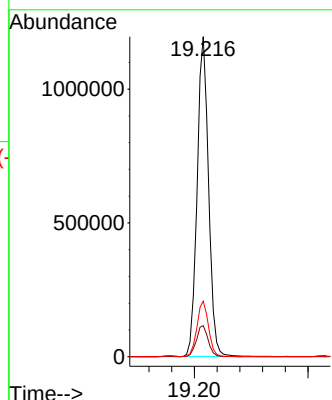
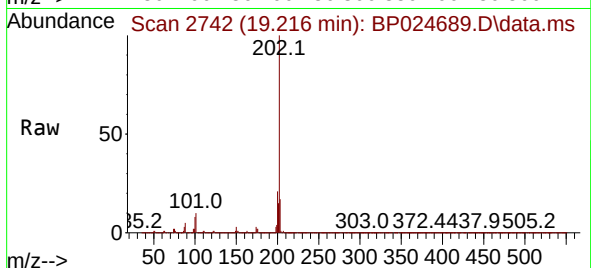
Tgt Ion:202 Resp: 1678461

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

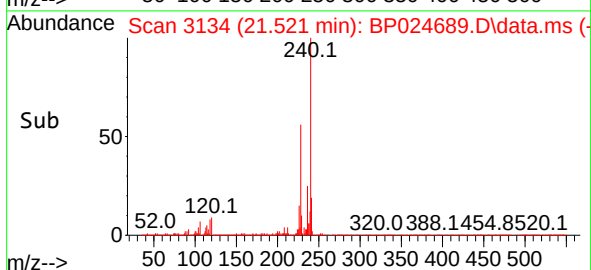
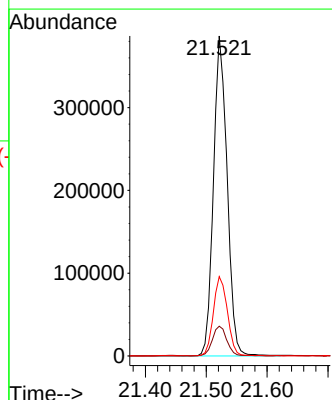
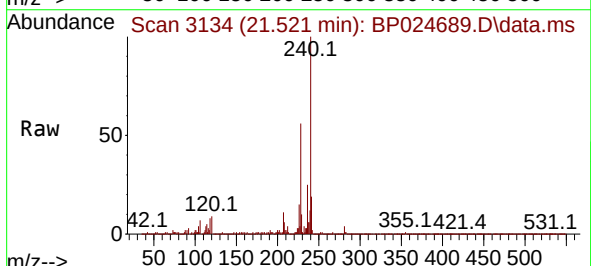
Tgt Ion:240 Resp: 602821

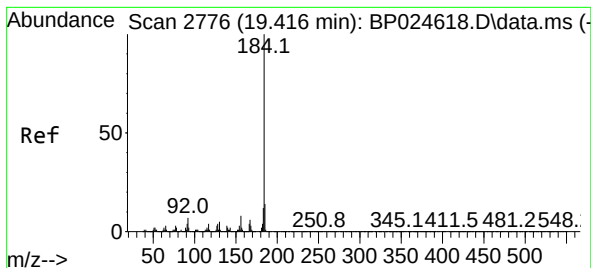
Ion Ratio Lower Upper

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# 21

Delta R.T. 0.011 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNP_P

ClientSampleId :

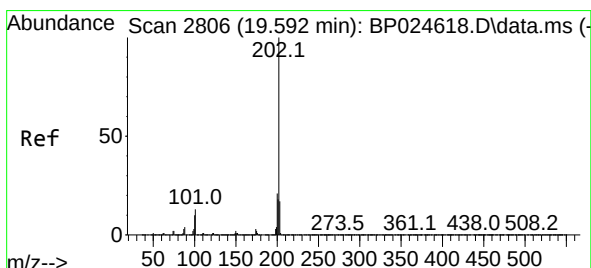
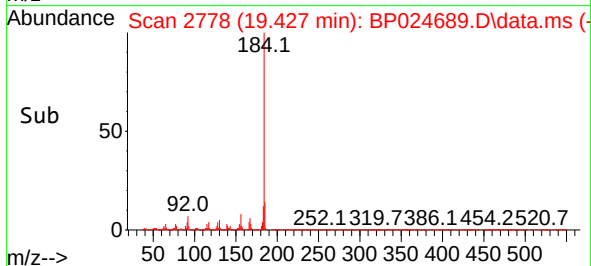
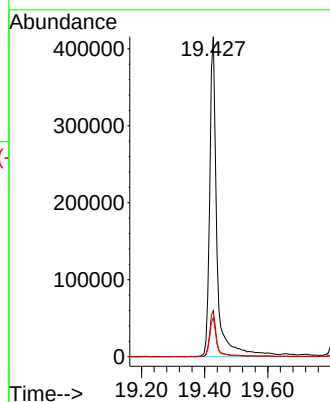
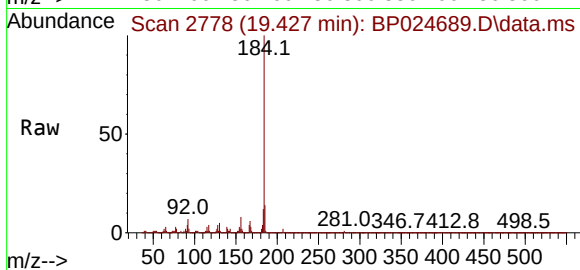
Tgt Ion:184 Resp: 665703

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

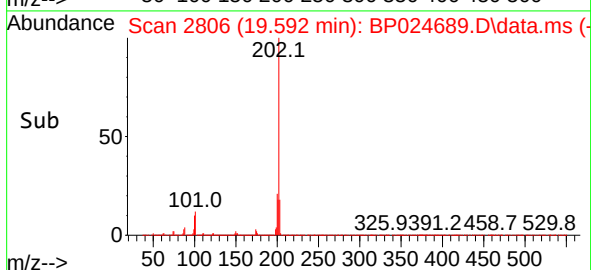
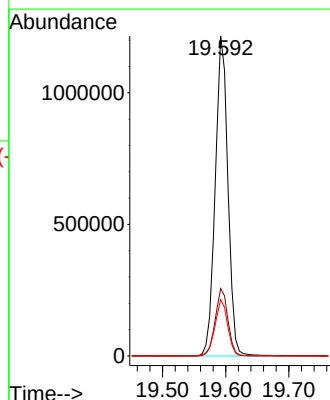
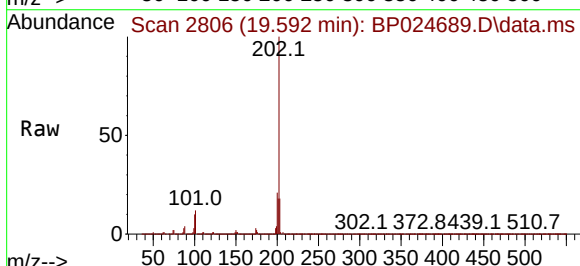
Tgt Ion:202 Resp: 1692845

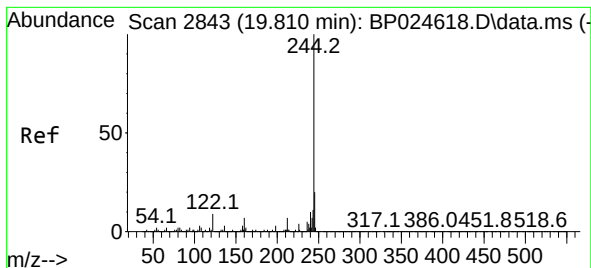
Ion Ratio Lower Upper

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# 2843

Delta R.T. -0.000 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

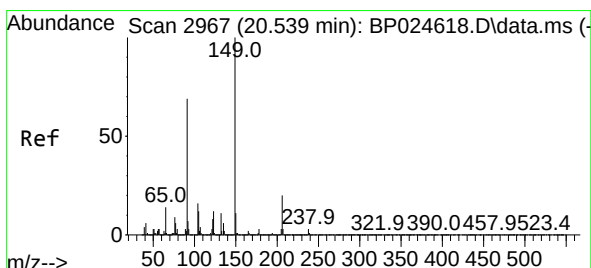
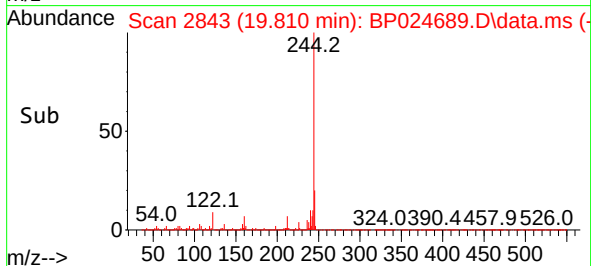
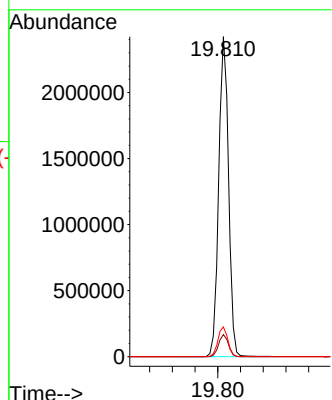
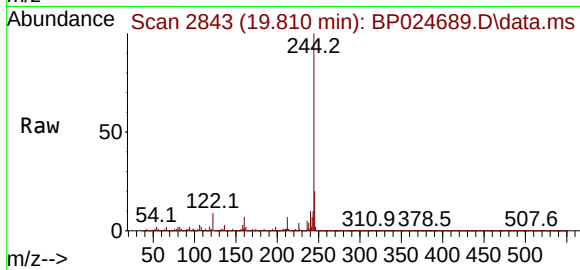
Tgt Ion:244 Resp: 2900273

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

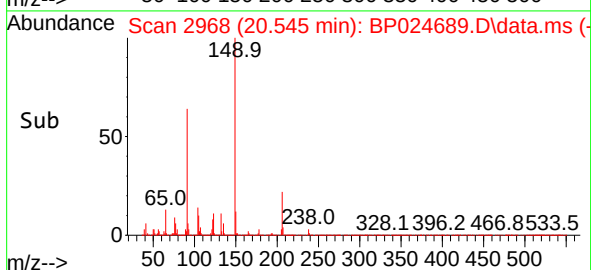
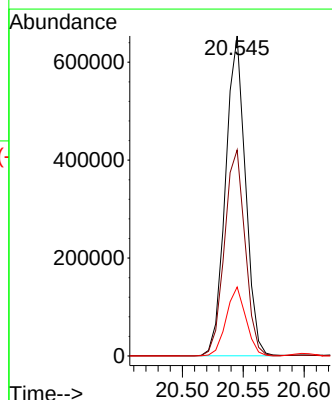
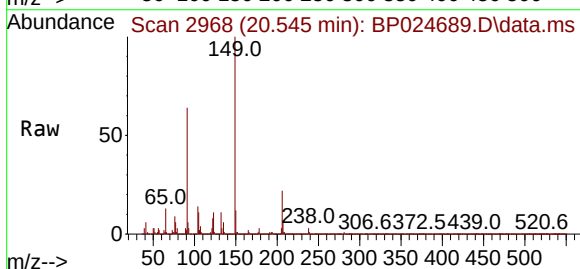
Tgt Ion:149 Resp: 745149

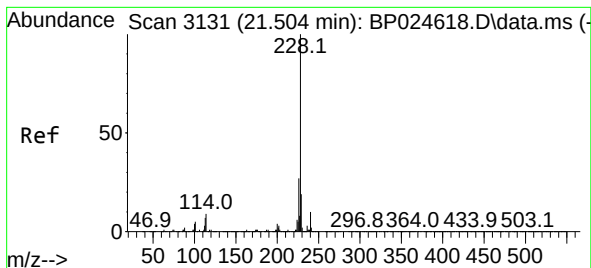
Ion Ratio Lower Upper

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 :

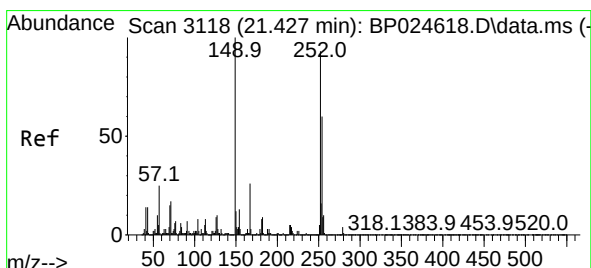
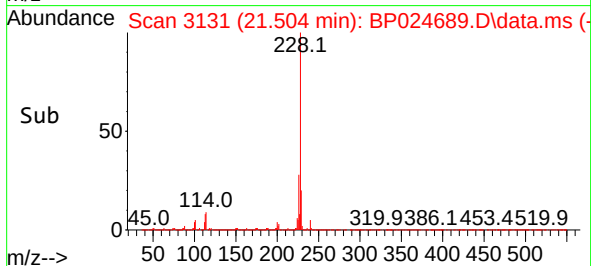
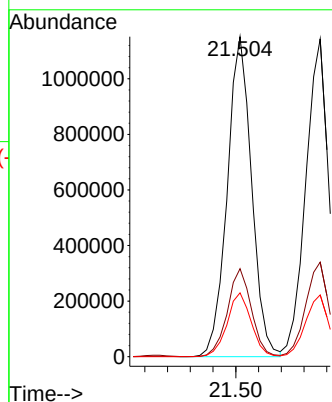
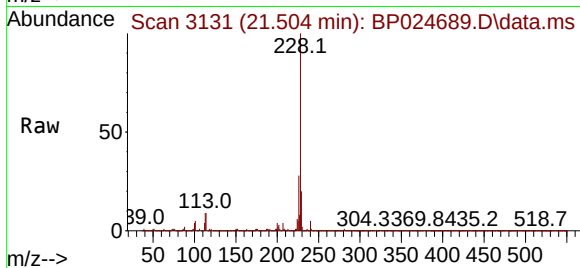
Tgt Ion:228 Resp: 1717345

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

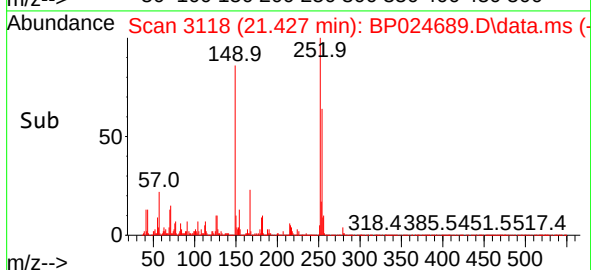
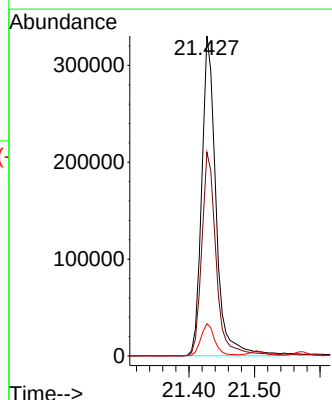
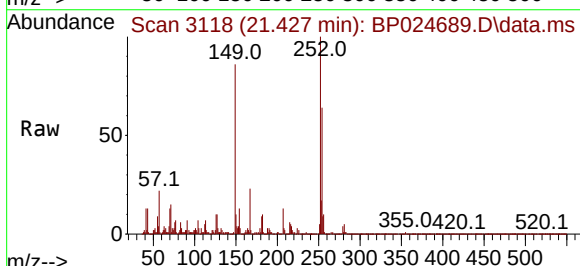
Tgt Ion:252 Resp: 502204

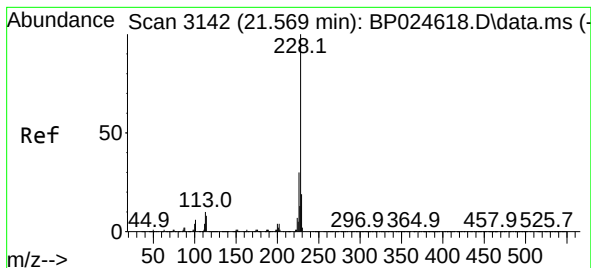
Ion Ratio Lower Upper

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 :

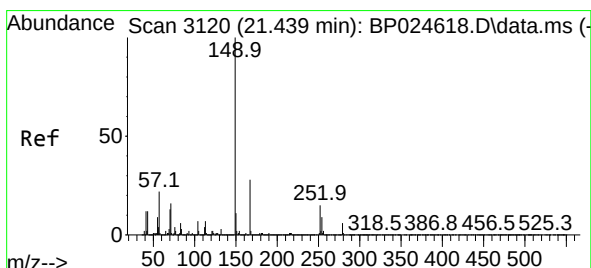
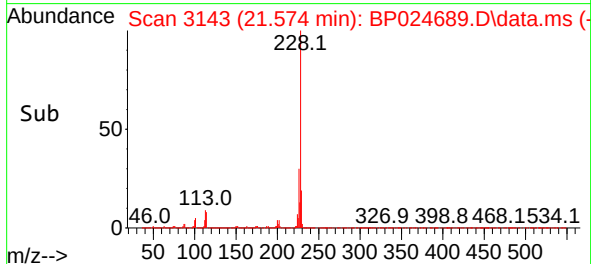
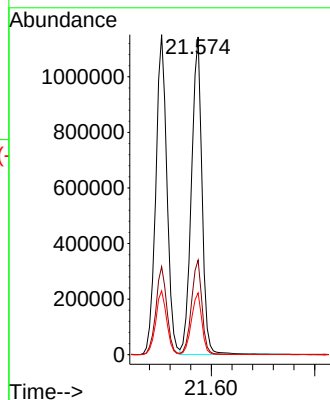
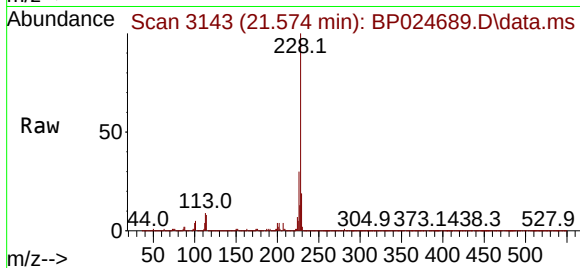
Tgt Ion:228 Resp: 1615533

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

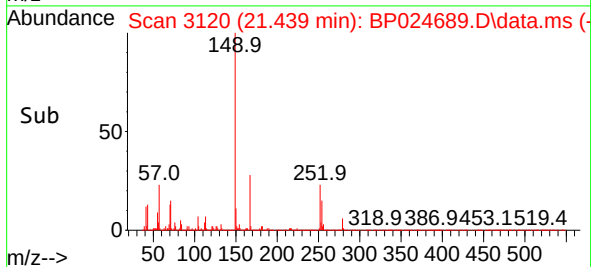
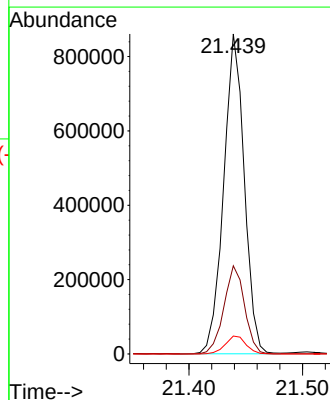
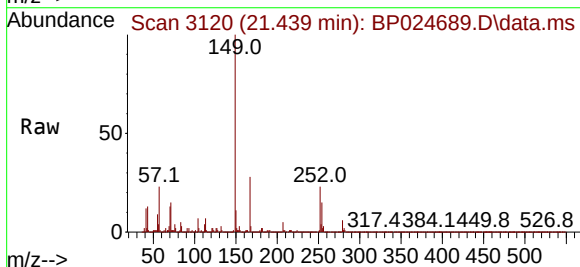
Tgt Ion:149 Resp: 1083795

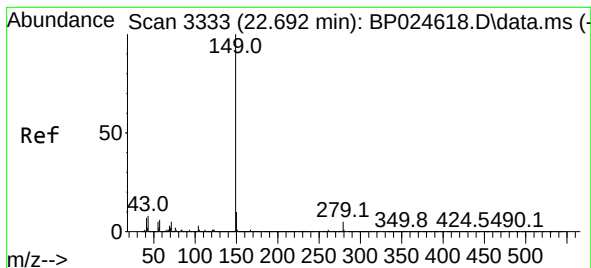
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.006 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

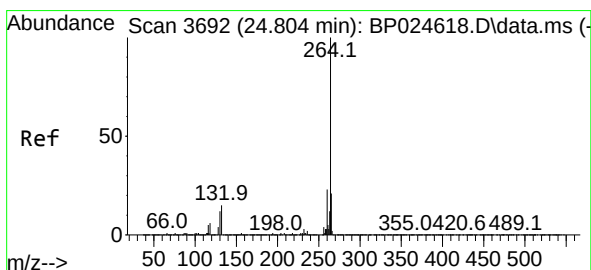
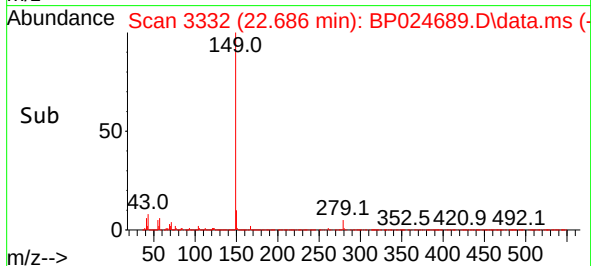
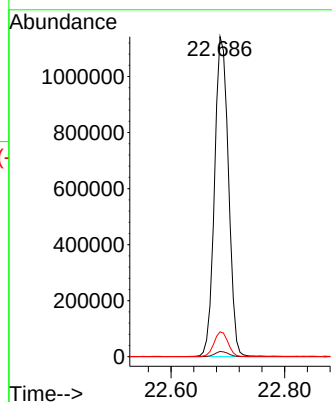
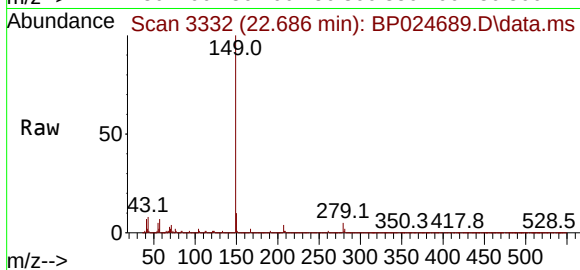
Tgt Ion:149 Resp: 1933782

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

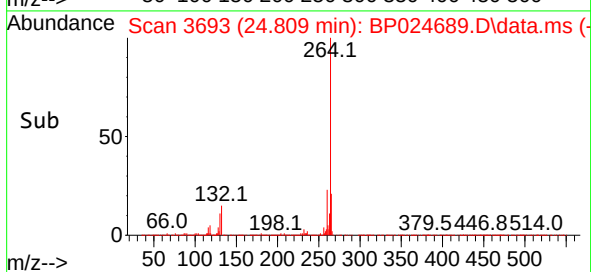
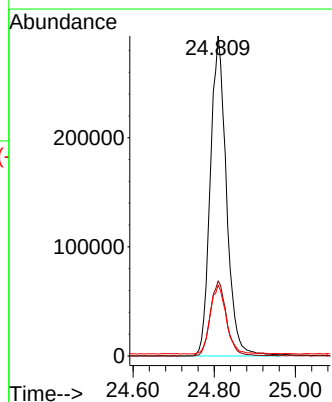
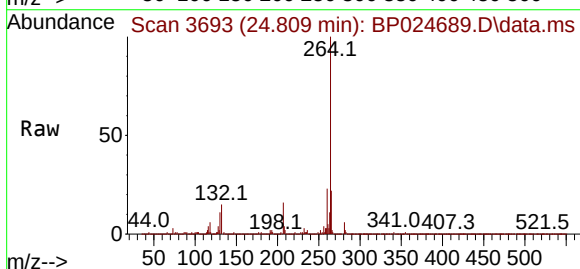
Tgt Ion:264 Resp: 805398

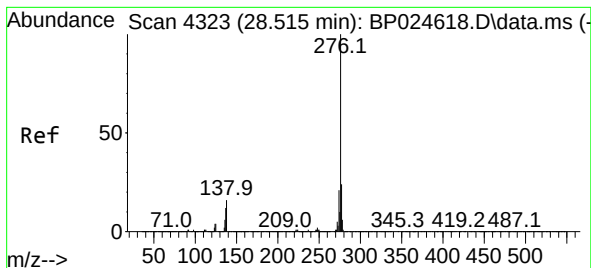
Ion Ratio Lower Upper

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# 41

Delta R.T. 0.041 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

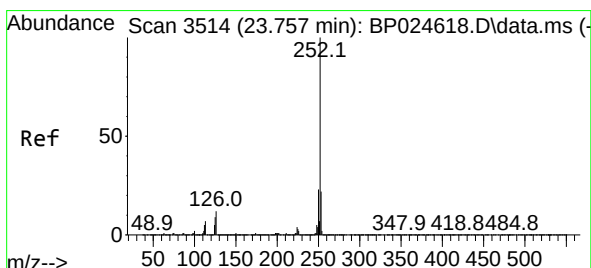
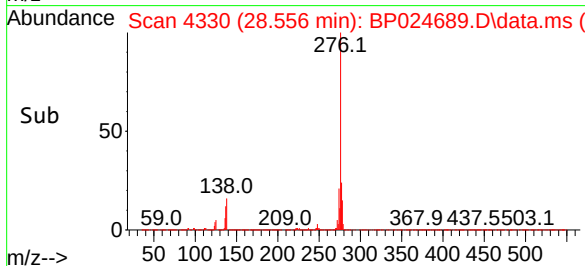
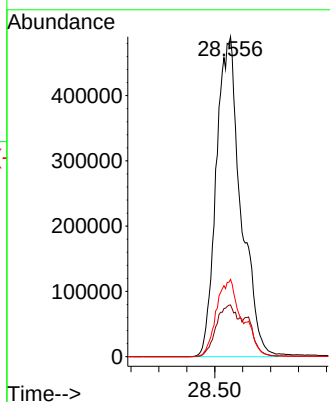
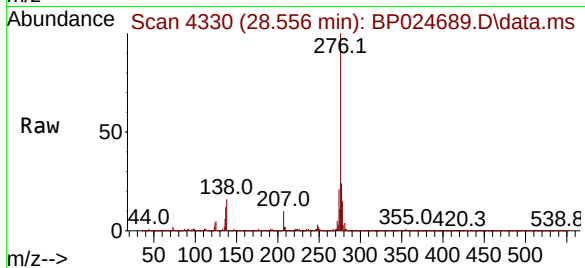
Tgt Ion:276 Resp: 3000018

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

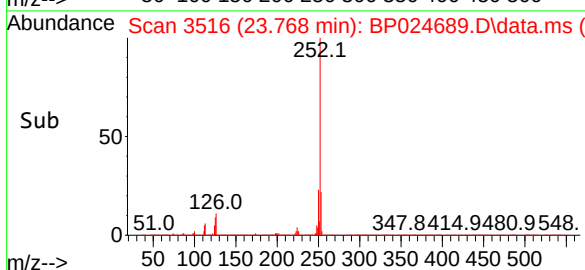
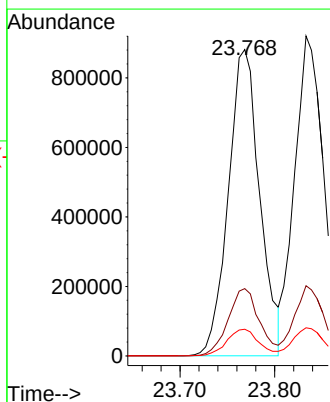
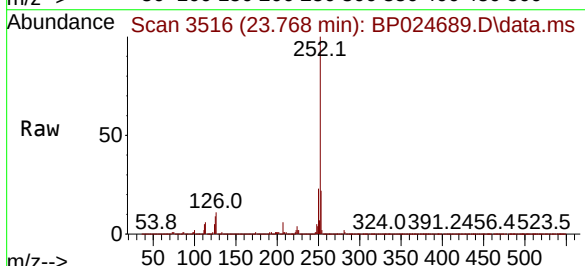
Tgt Ion:252 Resp: 2033252

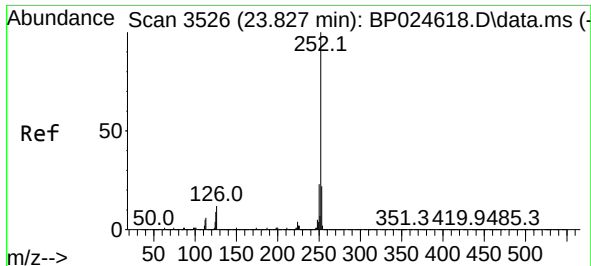
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.7 7.5 11.3

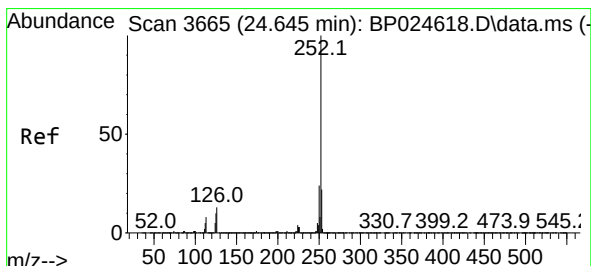
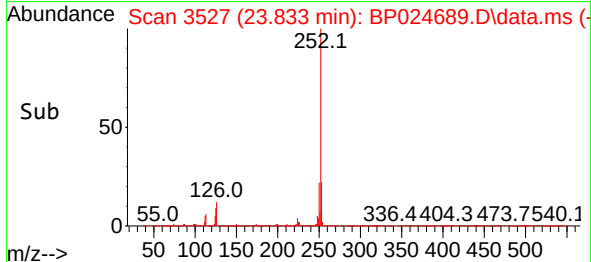
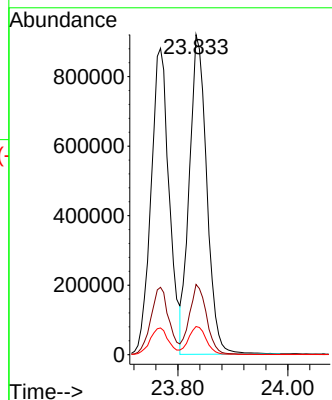
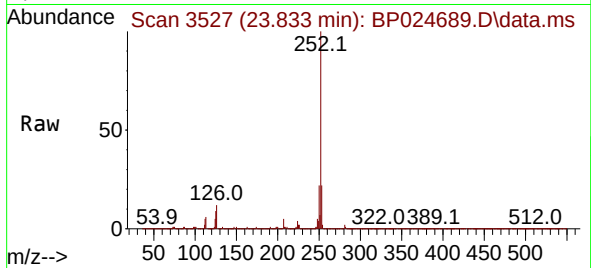




#89
Benzo(k)fluoranthene
Concen: 42.467 ng
RT: 23.833 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP024689.D
Acq: 19 May 2025 14:50

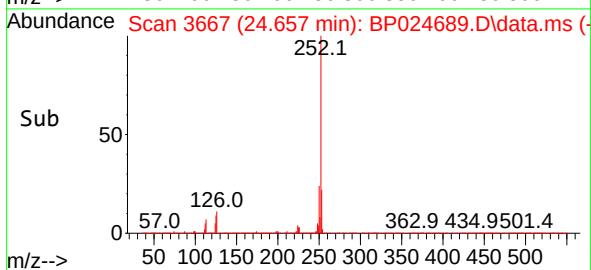
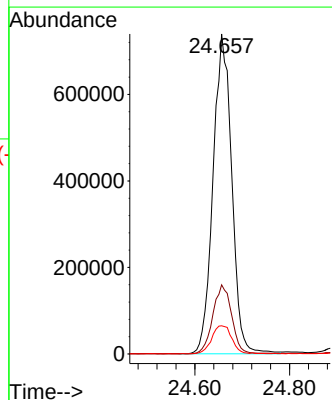
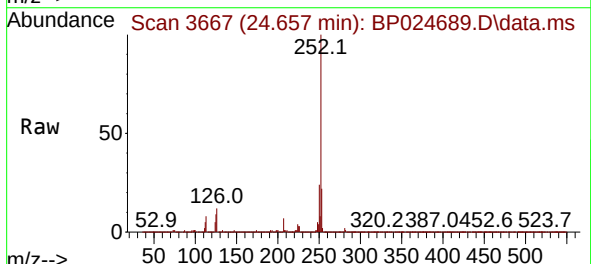
Instrument :
BNA_P
ClientSampleId :

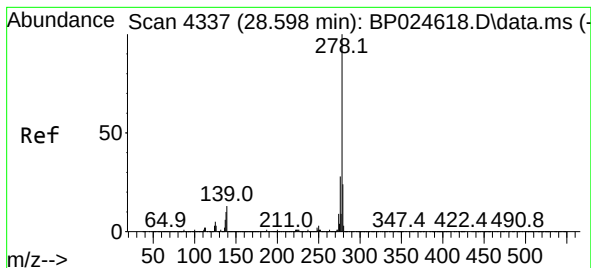
Tgt Ion:252 Resp: 2017301
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.8 7.0 10.4



#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# 41

Delta R.T. 0.023 min

Lab File: BP024689.D

Acq: 19 May 2025 14:50

Instrument :

BNA_P

ClientSampleId :

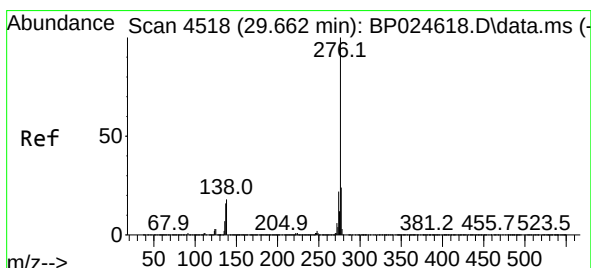
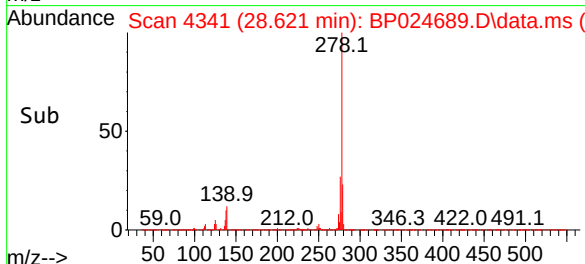
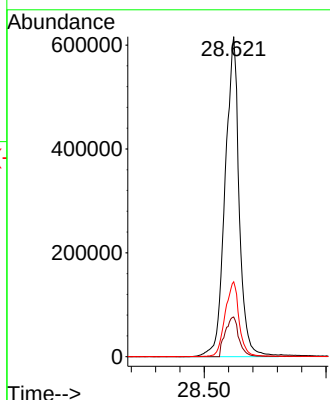
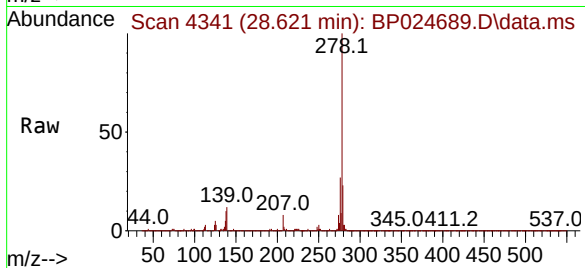
Tgt Ion:278 Resp: 2474876

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

