

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024822.D
 Acq On : 28 May 2025 19:33
 Operator : RC/JU
 Sample : Q2130-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3MSD

Quant Time: May 29 02:23:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	92282	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	368562	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	233815	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	517195	20.000	ng	0.01
76) Chrysene-d12	21.498	240	654723	20.000	ng	0.00
86) Perylene-d12	24.763	264	836208	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	663363	122.949	ng	0.00
7) Phenol-d6	6.852	99	754423	109.558	ng	0.00
23) Nitrobenzene-d5	8.799	82	526994	72.246	ng	0.00
42) 2,4,6-Tribromophenol	15.793	330	619722	156.344	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1344974	75.362	ng	0.00
79) Terphenyl-d14	19.792	244	2846946	74.560	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	80707	31.855	ng	# 73
3) Pyridine	3.623	79	182527	32.491	ng	96
4) n-Nitrosodimethylamine	3.528	42	98252	39.616	ng	92
6) Aniline	6.987	93	256954	28.902	ng	99
8) 2-Chlorophenol	7.228	128	270022	44.085	ng	96
9) Benzaldehyde	6.805	77	129132	28.969	ng	96
10) Phenol	6.875	94	264853	37.265	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	218973	37.495	ng	99
12) 1,3-Dichlorobenzene	7.540	146	279826	39.710	ng	98
13) 1,4-Dichlorobenzene	7.681	146	288815	40.750	ng	99
14) 1,2-Dichlorobenzene	7.993	146	277234	40.143	ng	99
15) Benzyl Alcohol	7.899	79	217970	41.654	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	247227	35.349	ng	99
17) 2-Methylphenol	8.105	107	210149	41.225	ng	98
18) Hexachloroethane	8.711	117	101757	37.466	ng	95
19) n-Nitroso-di-n-propyla...	8.446	70	169387	35.561	ng	98
20) 3+4-Methylphenols	8.434	107	279868	40.361	ng	99
22) Acetophenone	8.463	105	380159	41.293	ng	99
24) Nitrobenzene	8.840	77	257160	40.061	ng	95
25) Isophorone	9.358	82	483381	38.202	ng	96
26) 2-Nitrophenol	9.546	139	145197	46.160	ng	96
27) 2,4-Dimethylphenol	9.616	122	246686	44.481	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	285398	37.754	ng	97
29) 2,4-Dichlorophenol	10.093	162	245557	45.692	ng	95
30) 1,2,4-Trichlorobenzene	10.281	180	260556	43.023	ng	99
31) Naphthalene	10.469	128	812768	42.555	ng	100
32) Benzoic acid	9.775	122	130525	36.016	ng	95
33) 4-Chloroaniline	10.593	127	165645	21.493	ng	98
34) Hexachlorobutadiene	10.746	225	167469	42.686	ng	97
35) Caprolactam	11.387	113	77116	39.660	ng	92
36) 4-Chloro-3-methylphenol	11.734	107	281838	43.004	ng	96
37) 2-Methylnaphthalene	12.081	142	520366	42.077	ng	97
38) 1-Methylnaphthalene	12.299	142	550299	41.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	302381	44.535	ng	99
41) Hexachlorocyclopentadiene	12.428	237	256992	62.421	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	210023	47.757	ng	97

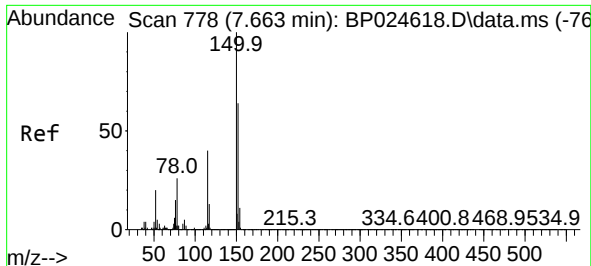
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 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	238684	48.758	ng	94
46) 1,1'-Biphenyl	13.099	154	747447	43.251	ng	99
47) 2-Chloronaphthalene	13.140	162	569186	43.196	ng	100
48) 2-Nitroaniline	13.363	65	174251	44.667	ng	94
49) Acenaphthylene	13.998	152	971804	44.071	ng	99
50) Dimethylphthalate	13.734	163	777077	43.603	ng	100
51) 2,6-Dinitrotoluene	13.857	165	172556	45.846	ng	97
52) Acenaphthene	14.346	154	560563	44.220	ng	99
53) 3-Nitroaniline	14.204	138	130203	33.880	ng	92
54) 2,4-Dinitrophenol	14.422	184	154175	66.163	ng	95
55) Dibenzofuran	14.681	168	915715	45.287	ng	99
56) 4-Nitrophenol	14.563	139	252444	76.092	ng	97
57) 2,4-Dinitrotoluene	14.663	165	268267	50.557	ng	97
58) Fluorene	15.340	166	763311	46.297	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	228777	50.379	ng	95
60) Diethylphthalate	15.116	149	797369	44.268	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	372781	45.338	ng	97
62) 4-Nitroaniline	15.381	138	192657	51.918	ng	99
63) Azobenzene	15.634	77	642567	41.701	ng	95
65) 4,6-Dinitro-2-methylph...	15.440	198	124649	37.312	ng	96
66) n-Nitrosodiphenylamine	15.557	169	678996	42.741	ng	99
67) 4-Bromophenyl-phenylether	16.245	248	266652	43.754	ng	97
68) Hexachlorobenzene	16.363	284	361274	46.652	ng	96
69) Atrazine	16.534	200	265242	45.560	ng	99
70) Pentachlorophenol	16.728	266	477493	109.843	ng	98
71) Phenanthrene	17.116	178	1293521	44.990	ng	100
72) Anthracene	17.204	178	1342149	46.397	ng	100
73) Carbazole	17.492	167	1301049	49.692	ng	99
74) Di-n-butylphthalate	18.075	149	1500300	44.556	ng	99
75) Fluoranthene	19.198	202	1677324	49.907	ng	99
77) Benzidine	19.410	184	431276	24.186	ng	99
78) Pyrene	19.575	202	1737649	44.294	ng	100
80) Butylbenzylphthalate	20.522	149	751742	43.087	ng	93
81) Benzo(a)anthracene	21.475	228	1879279	45.712	ng	100
82) 3,3'-Dichlorobenzidine	21.404	252	657294	43.046	ng	99
83) Chrysene	21.539	228	1781249	45.707	ng	99
84) Bis(2-ethylhexyl)phtha...	21.404	149	1058617	41.281	ng	99
85) Di-n-octyl phthalate	22.645	149	1826738	43.561	ng	99
87) Indeno(1,2,3-cd)pyrene	28.462	276	3002524	49.183	ng	# 91
88) Benzo(b)fluoranthene	23.727	252	2166063	45.255	ng	99
89) Benzo(k)fluoranthene	23.798	252	2161793	43.832	ng	99
90) Benzo(a)pyrene	24.610	252	2123514	46.195	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	2464192	49.617	ng	99
92) Benzo(g,h,i)perylene	29.609	276	2403189	48.659	ng	98

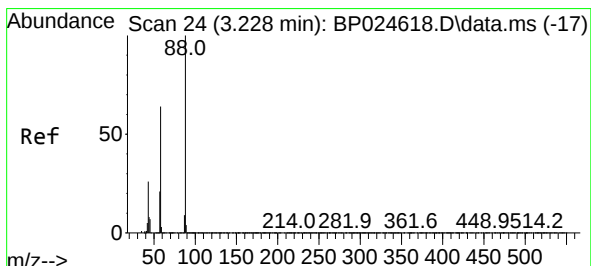
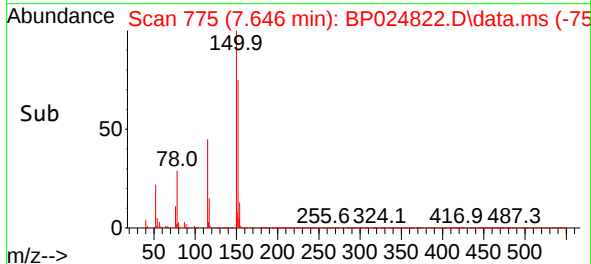
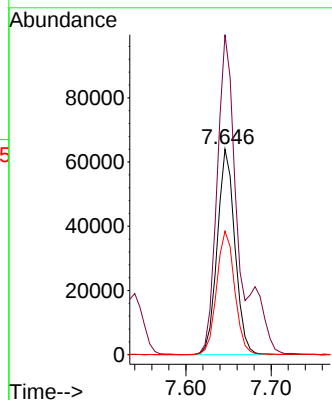
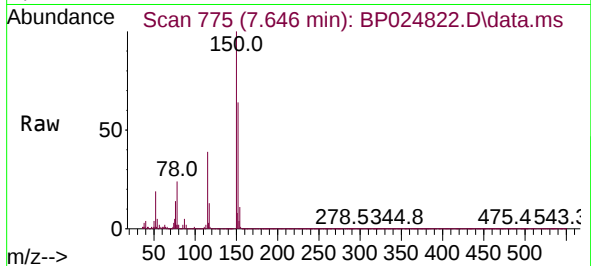
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024822.D
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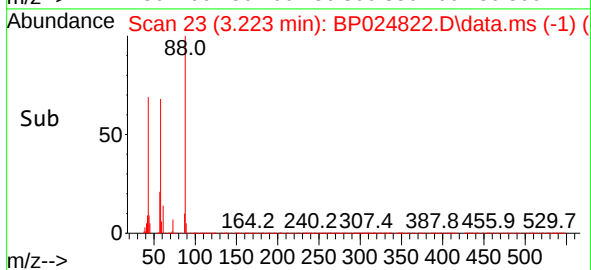
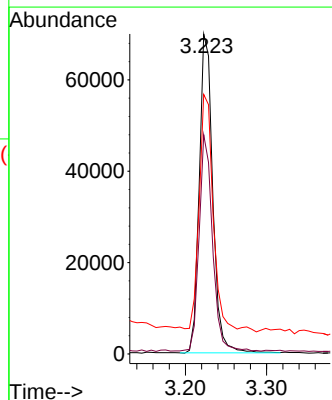
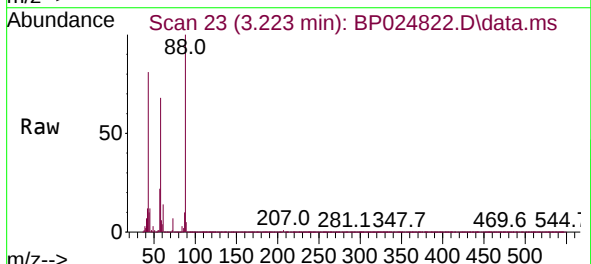
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

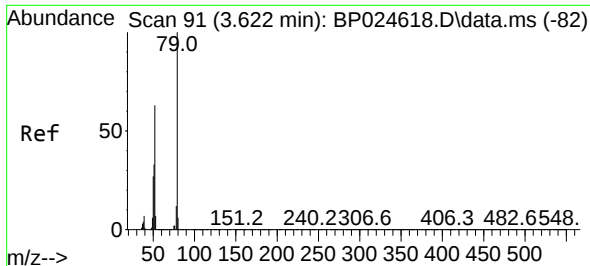
Tgt Ion:152 Resp: 92282
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 60.1 50.1 75.1



#2
1,4-Dioxane
Concen: 31.855 ng
RT: 3.223 min Scan# 23
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 88 Resp: 80707
Ion Ratio Lower Upper
88 100
58 67.0 54.0 81.0
43 75.8 21.4 32.0#

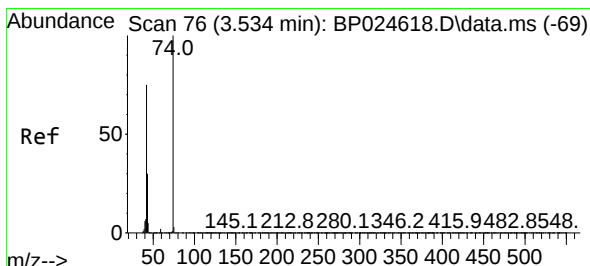
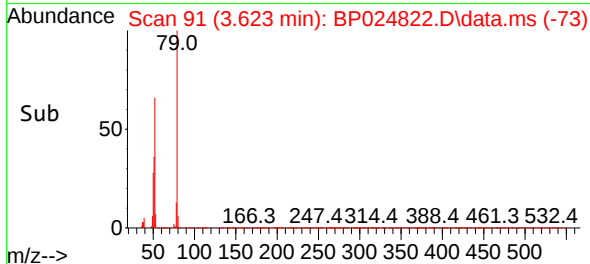
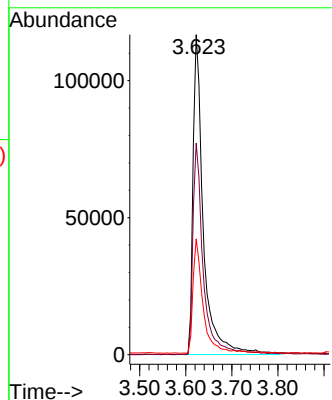
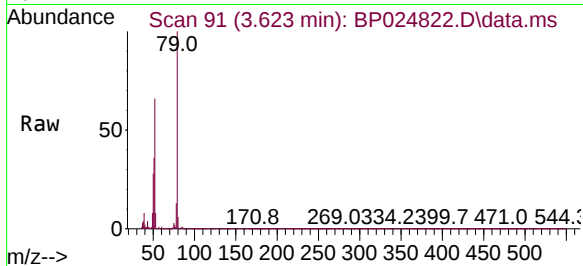




#3
 Pyridine
 Concen: 32.491 ng
 RT: 3.623 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP024822.D
 Acq: 28 May 2025 19:33

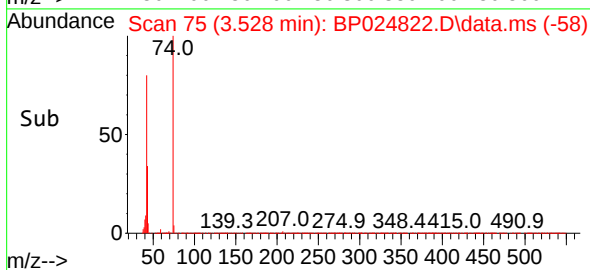
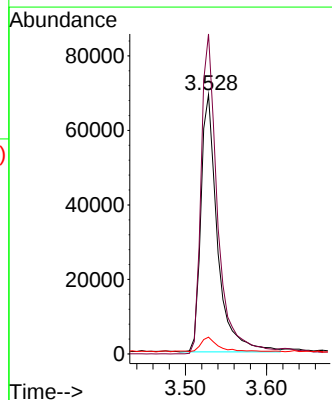
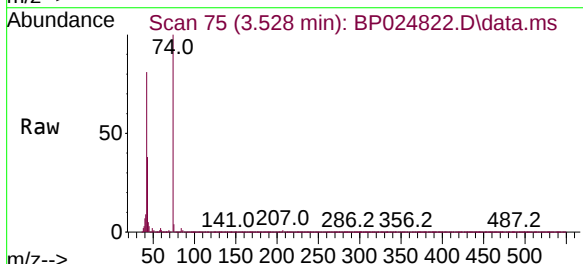
Instrument :
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 ClientSampleId :
 TP-3MSD

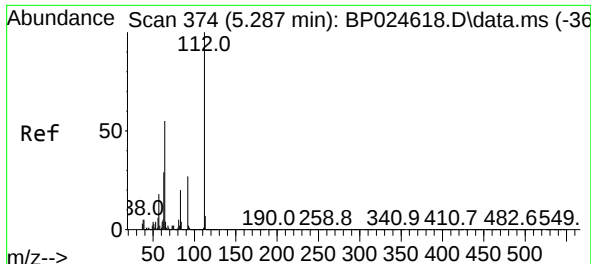
Tgt Ion: 79 Resp: 182527
 Ion Ratio Lower Upper
 79 100
 52 66.1 50.2 75.2
 51 36.2 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 39.616 ng
 RT: 3.528 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BP024822.D
 Acq: 28 May 2025 19:33

Tgt Ion: 42 Resp: 98252
 Ion Ratio Lower Upper
 42 100
 74 123.4 106.2 159.2
 44 6.5 5.4 8.2

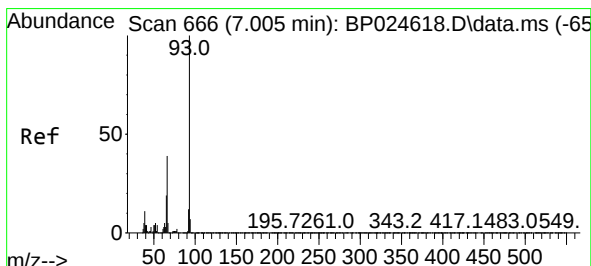
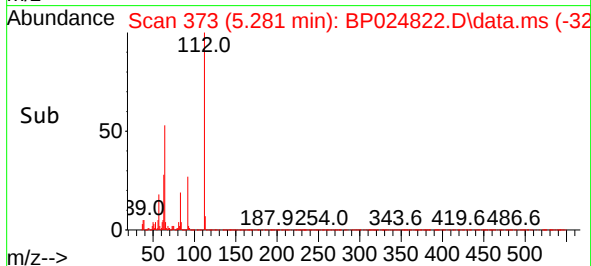
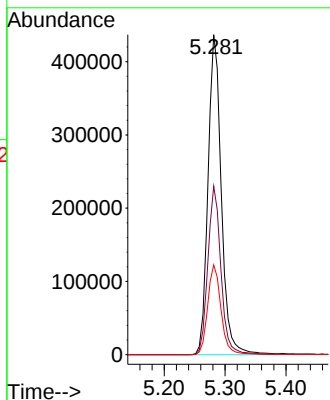
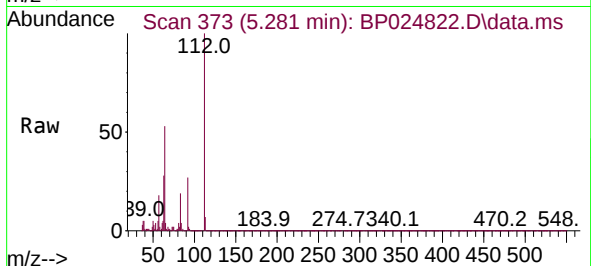




#5
2-Fluorophenol
Concen: 122.949 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

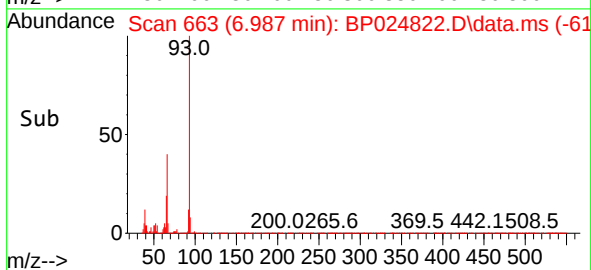
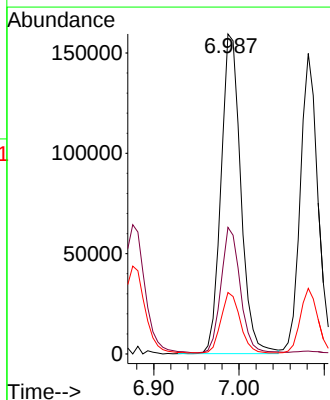
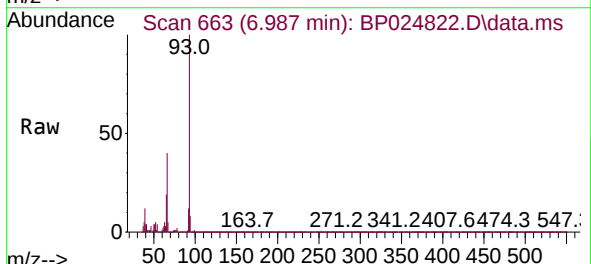
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

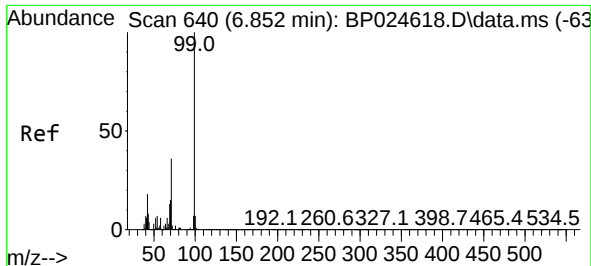
Tgt Ion:112 Resp: 663363
Ion Ratio Lower Upper
112 100
64 52.7 44.1 66.1
63 28.0 23.5 35.3



#6
Aniline
Concen: 28.902 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 93 Resp: 256954
Ion Ratio Lower Upper
93 100
66 39.5 31.0 46.6
65 19.2 15.5 23.3

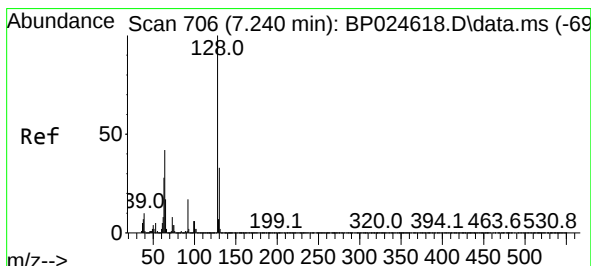
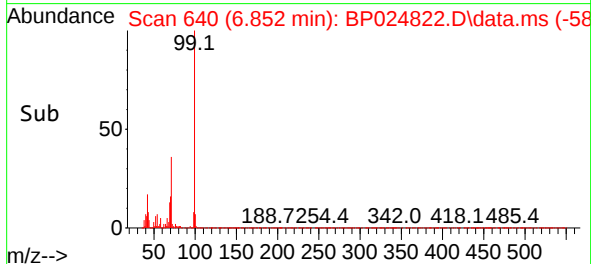
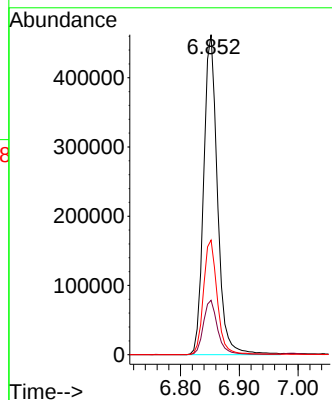
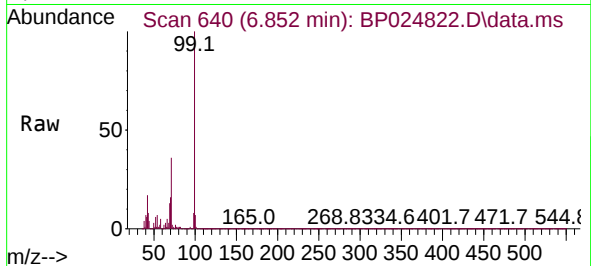




#7
Phenol-d6
Concen: 109.558 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

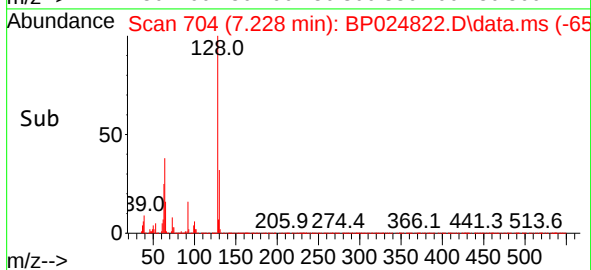
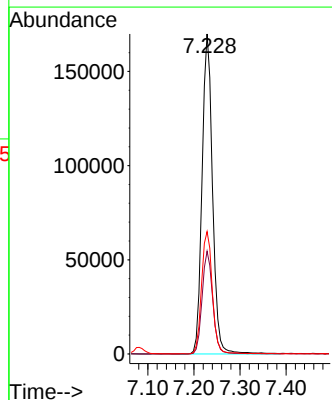
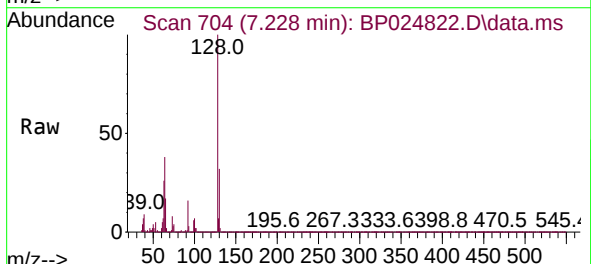
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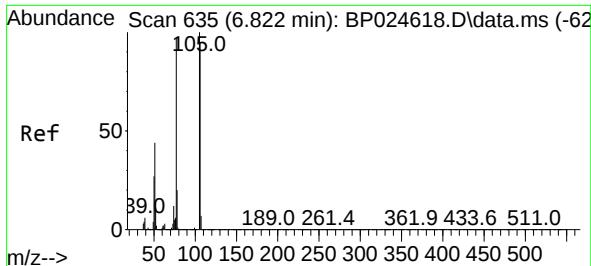
Tgt Ion: 99 Resp: 754423
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 35.8 29.2 43.8



#8
2-Chlorophenol
Concen: 44.085 ng
RT: 7.228 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 128 Resp: 270022
Ion Ratio Lower Upper
128 100
130 32.1 13.0 53.0
64 38.3 22.3 62.3

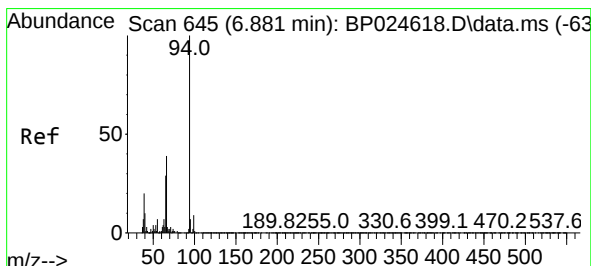
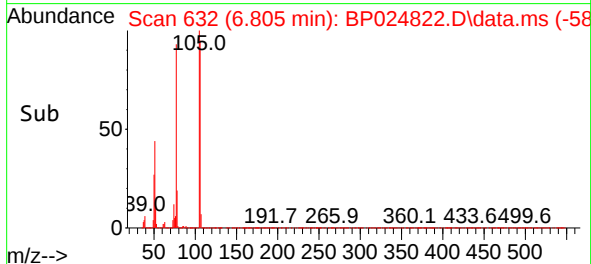
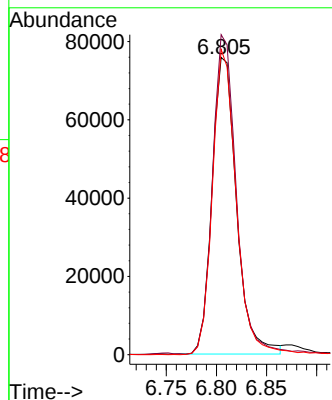
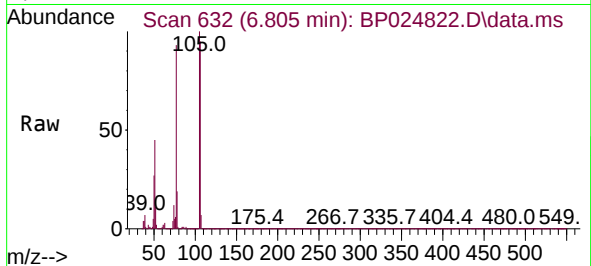




#9
Benzaldehyde
Concen: 28.969 ng
RT: 6.805 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

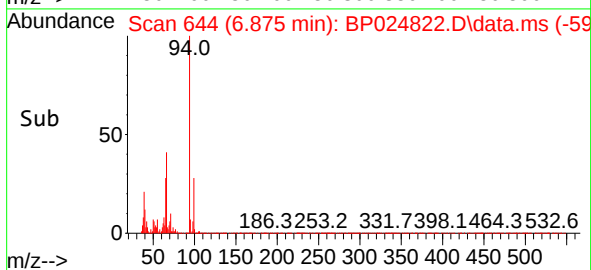
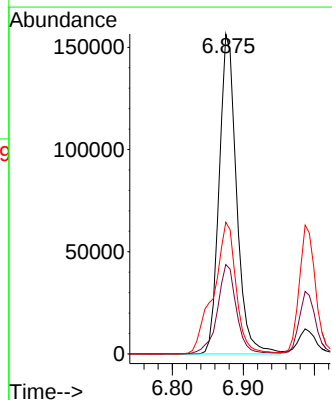
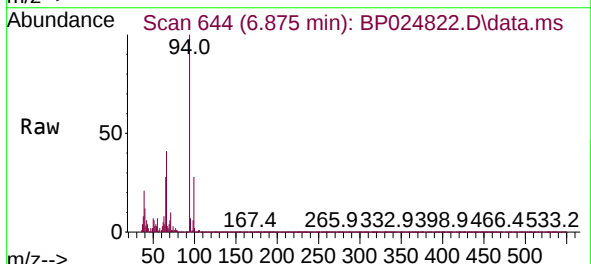
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BNA_P
ClientSampleId :
TP-3MSD

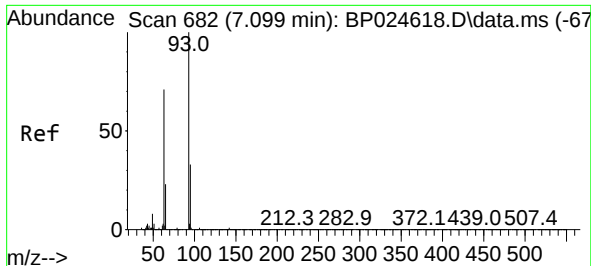
Tgt Ion: 77 Resp: 129132
Ion Ratio Lower Upper
77 100
105 107.6 83.3 123.3
106 102.7 78.0 118.0



#10
Phenol
Concen: 37.265 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 94 Resp: 264853
Ion Ratio Lower Upper
94 100
65 28.0 8.7 48.7
66 41.2 19.4 59.4

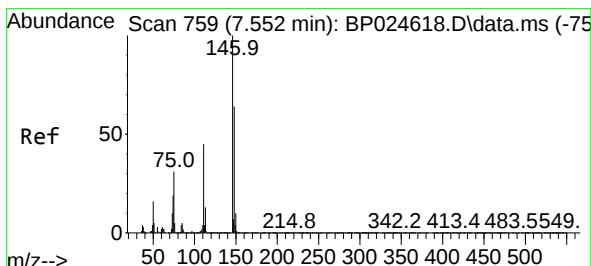
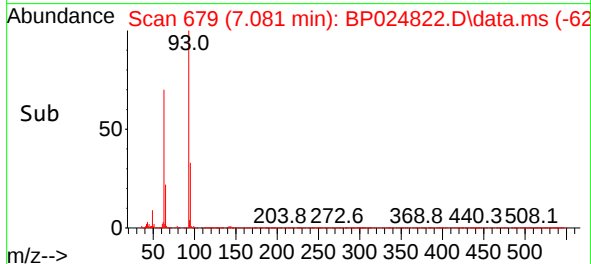
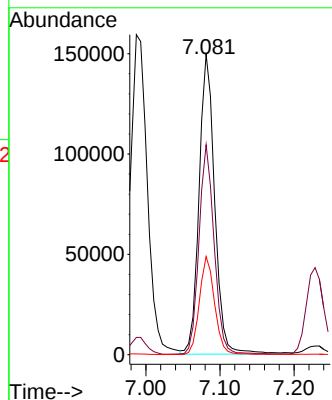
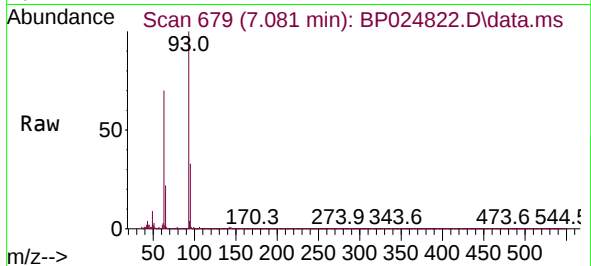




#11
bis(2-Chloroethyl)ether
Concen: 37.495 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

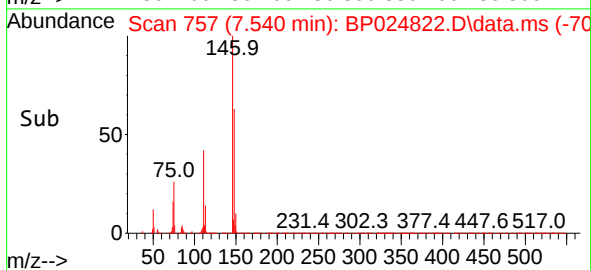
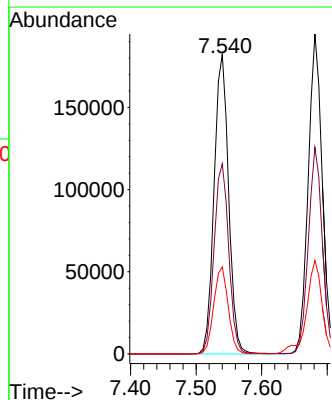
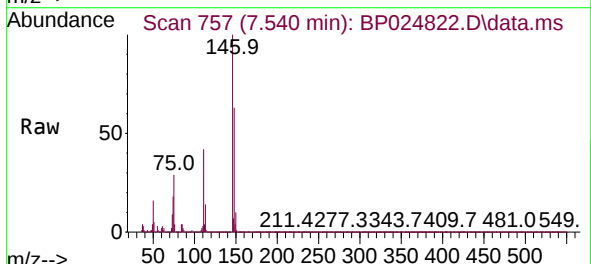
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

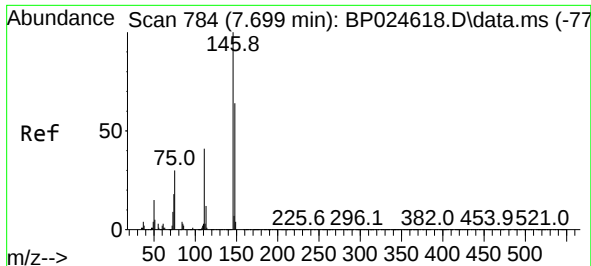
Tgt Ion: 93 Resp: 218973
Ion Ratio Lower Upper
93 100
63 69.9 50.6 90.6
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.710 ng
RT: 7.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 146 Resp: 279826
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
75 29.1 25.2 37.8

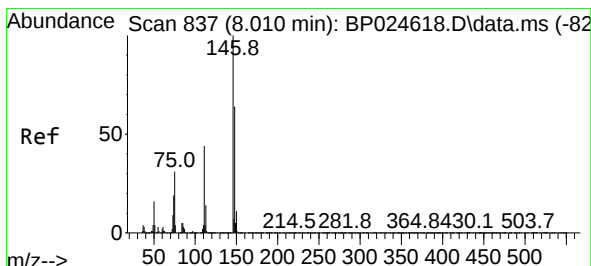
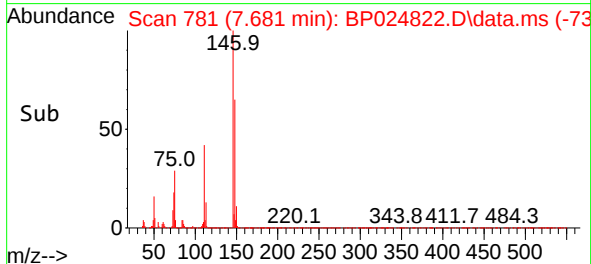
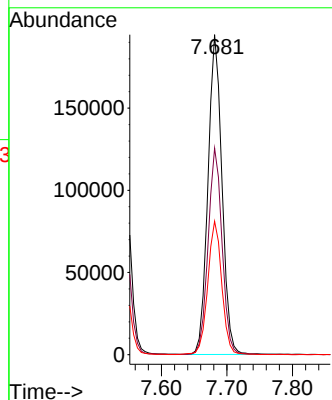
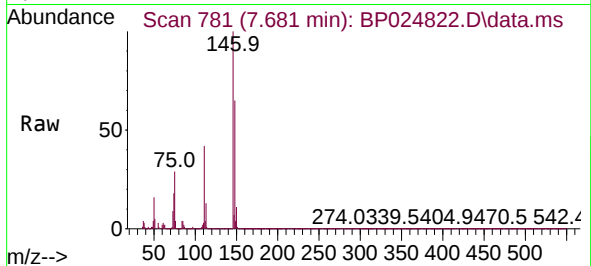




#13
1,4-Dichlorobenzene
Concen: 40.750 ng
RT: 7.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

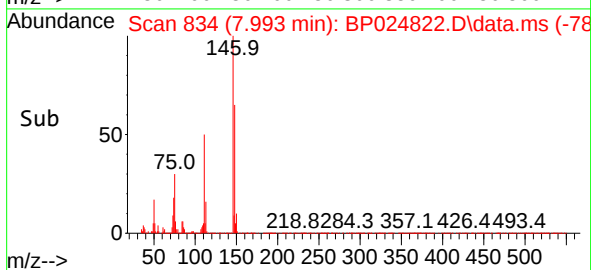
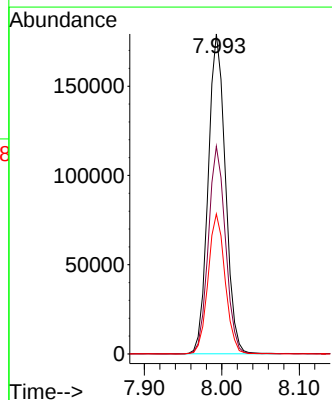
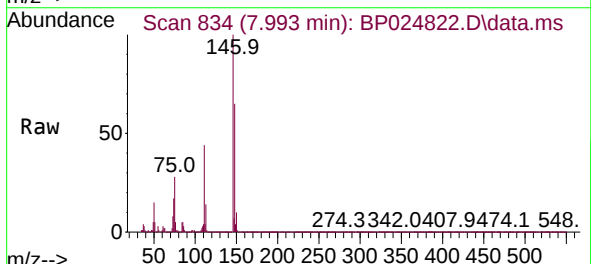
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

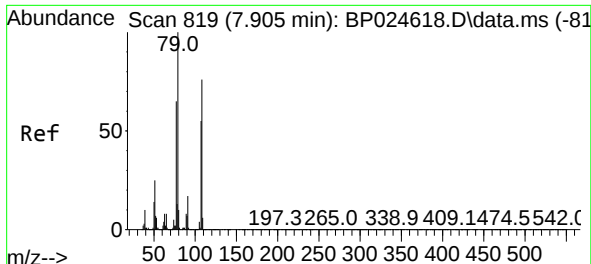
Tgt Ion:146 Resp: 288815
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 41.7 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 40.143 ng
RT: 7.993 min Scan# 834
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:146 Resp: 277234
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 43.7 35.2 52.8

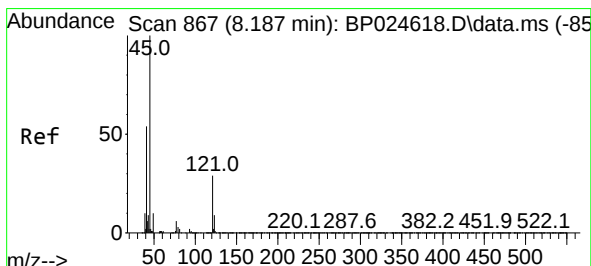
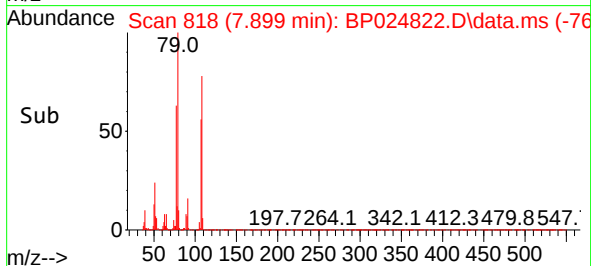
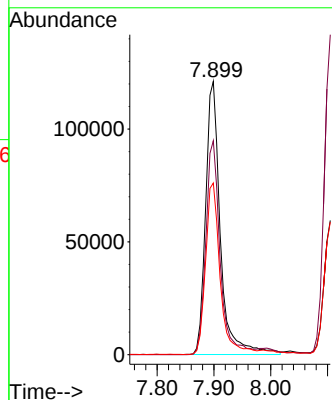
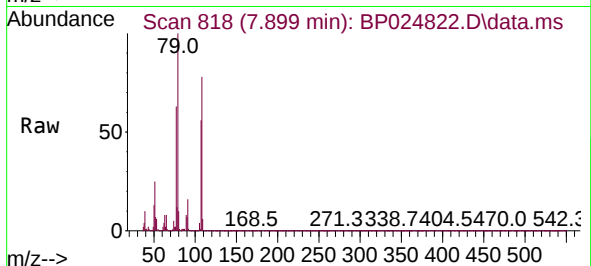




#15
Benzyl Alcohol
Concen: 41.654 ng
RT: 7.899 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

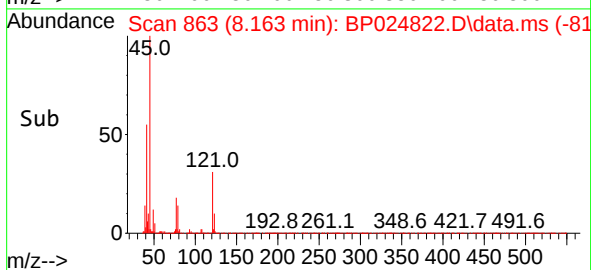
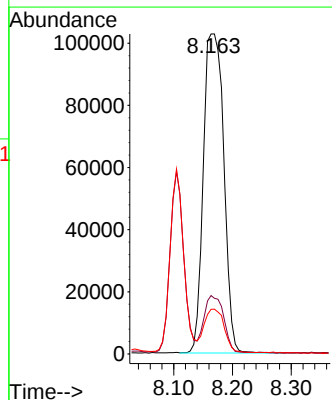
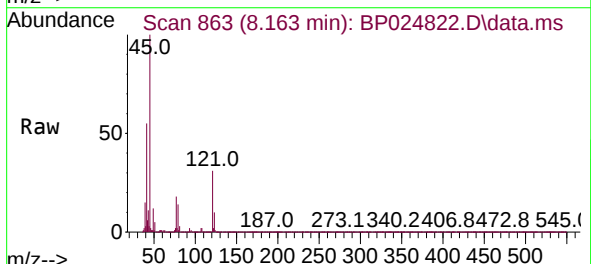
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

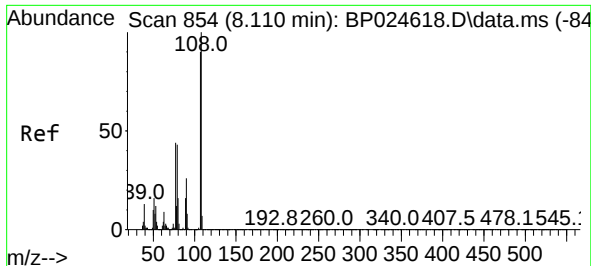
Tgt Ion: 79 Resp: 217970
Ion Ratio Lower Upper
79 100
108 78.3 60.8 91.2
77 62.8 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.349 ng
RT: 8.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 45 Resp: 247227
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.7
79 14.0 0.0 34.0

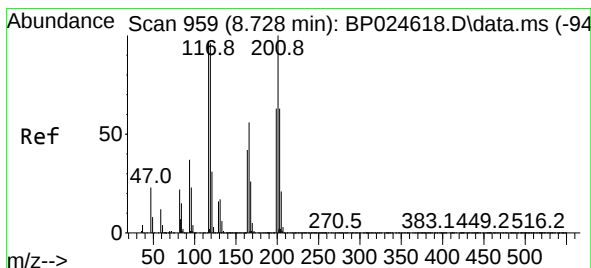
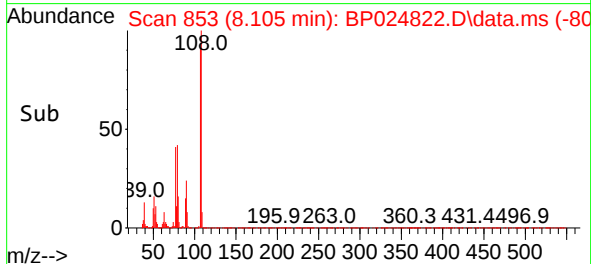
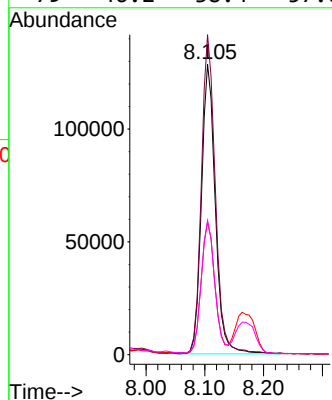
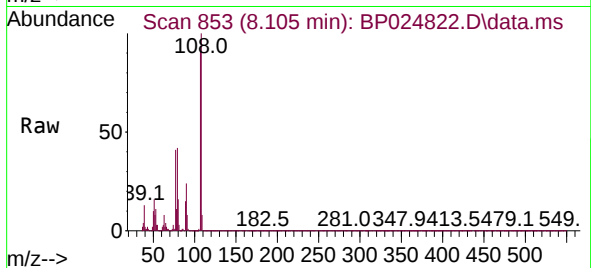




#17
2-Methylphenol
Concen: 41.225 ng
RT: 8.105 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

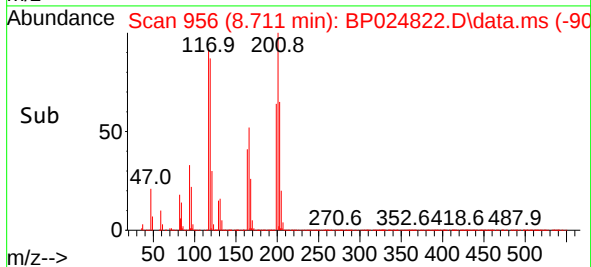
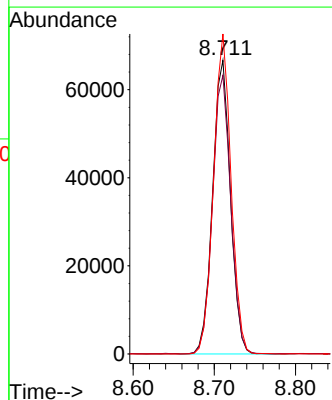
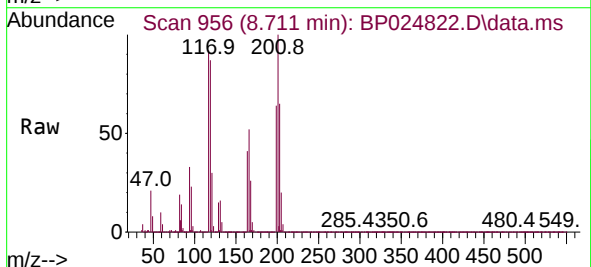
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

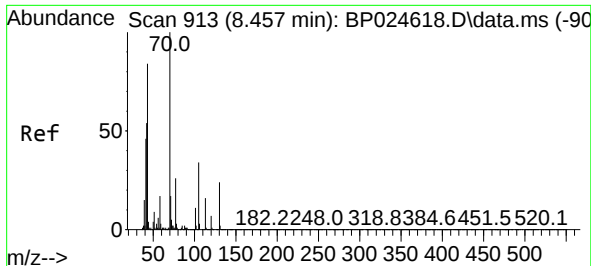
Tgt Ion:	107	Resp:	210149
Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.9	133.3
77	45.6	39.0	58.6
79	46.2	38.4	57.6



#18
Hexachloroethane
Concen: 37.466 ng
RT: 8.711 min Scan# 956
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:	117	Resp:	101757
Ion	Ratio	Lower	Upper
117	100		
119	94.8	79.4	119.0
201	109.0	82.7	124.1

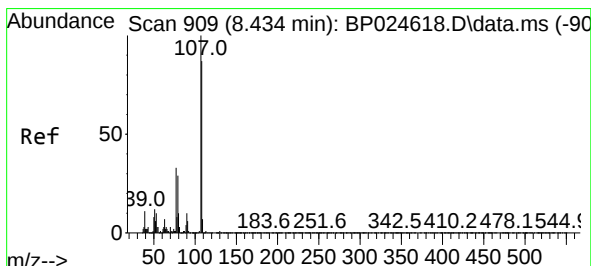
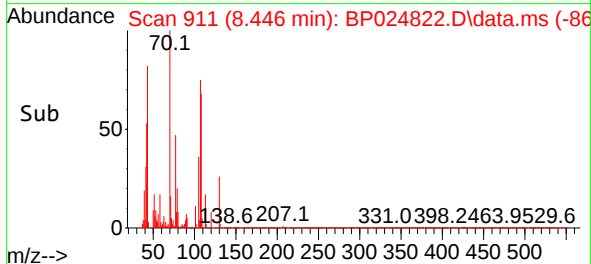
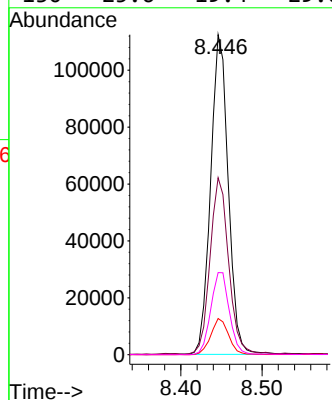
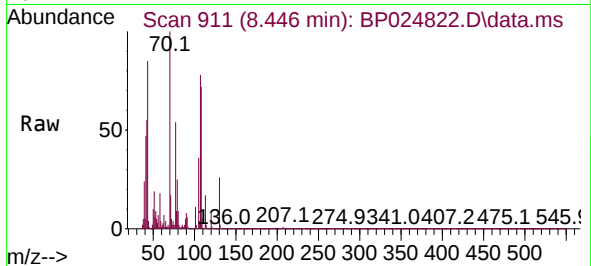




#19
n-Nitroso-di-n-propylamine
Concen: 35.561 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

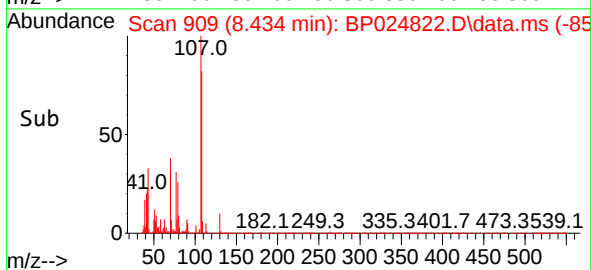
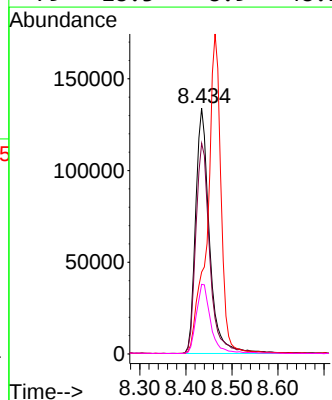
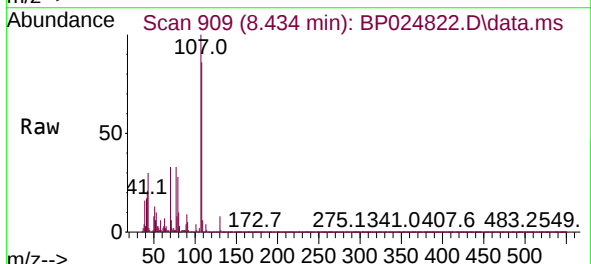
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

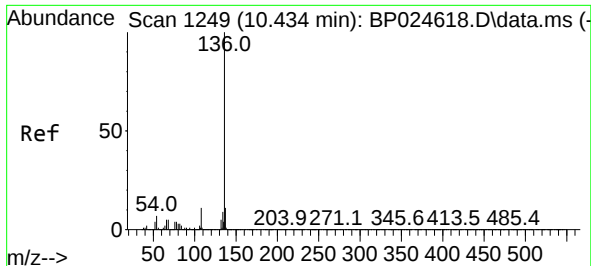
Tgt Ion: 70 Resp: 169387
Ion Ratio Lower Upper
70 100
42 55.3 43.0 64.6
101 11.3 8.7 13.1
130 25.6 19.4 29.0



#20
3+4-Methylphenols
Concen: 40.361 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 107 Resp: 279868
Ion Ratio Lower Upper
107 100
108 85.8 66.7 106.7
77 33.3 13.1 53.1
79 28.3 8.9 48.9

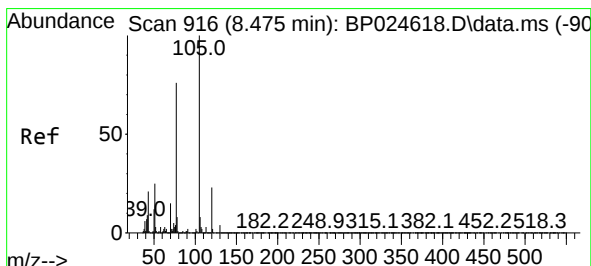
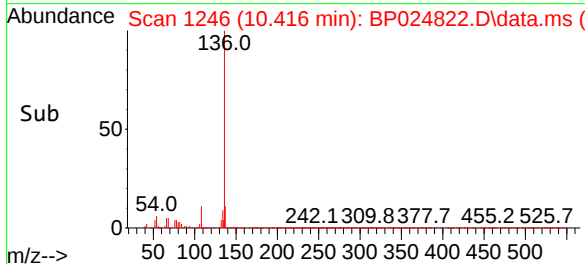
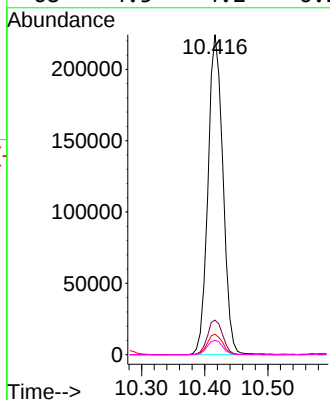
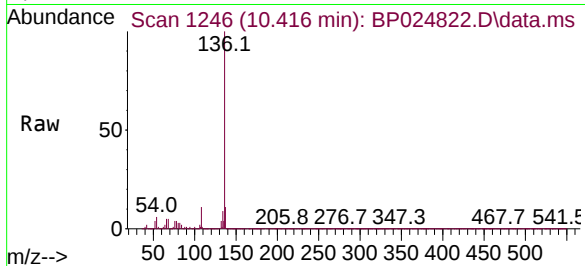




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

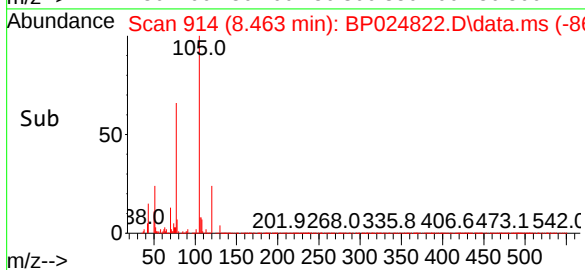
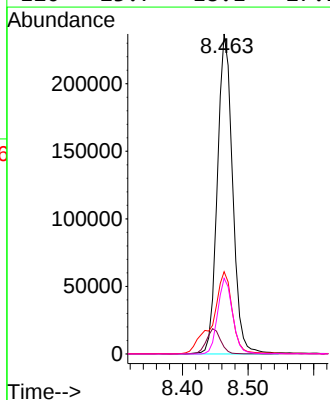
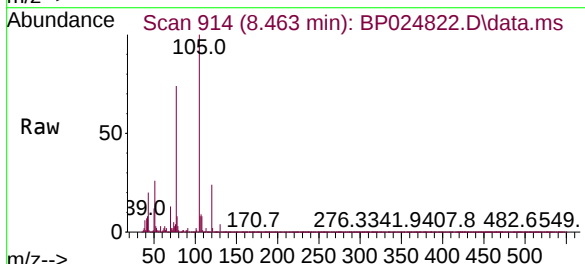
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

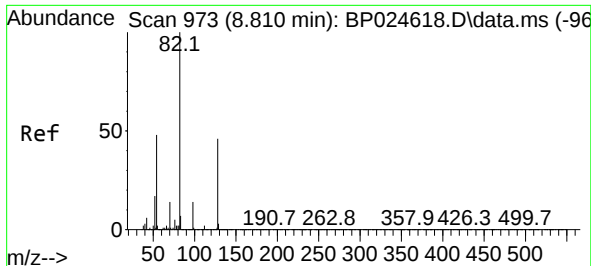
Tgt Ion:	136	Resp:	368562
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.4	5.5	8.3
68	4.5	4.2	6.2



#22
Acetophenone
Concen: 41.293 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:	105	Resp:	380159
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.0	3.0
51	25.7	20.4	30.6
120	23.7	18.1	27.1

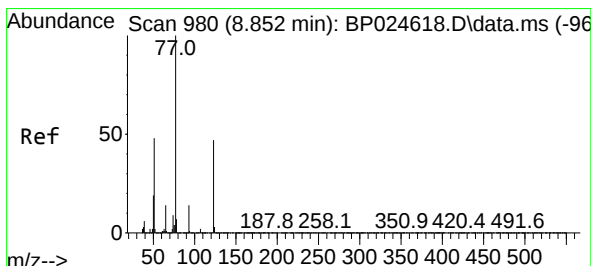
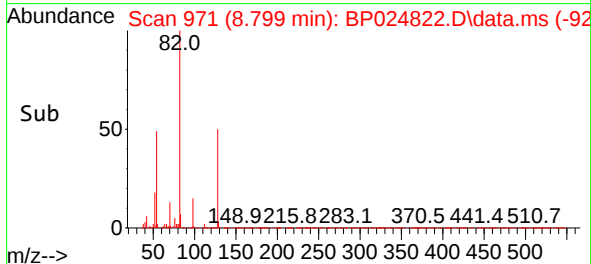
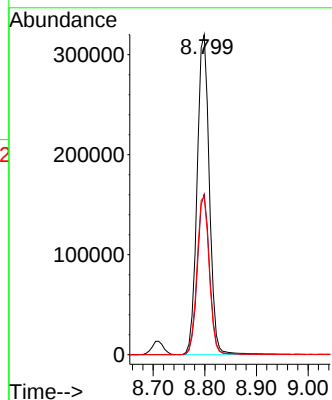
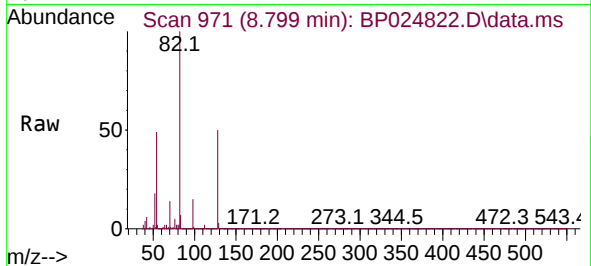




#23
Nitrobenzene-d5
Concen: 72.246 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

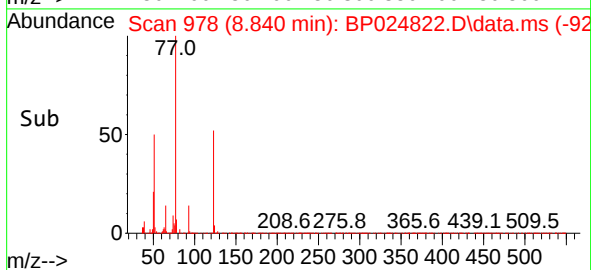
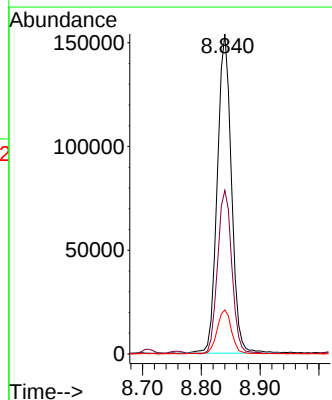
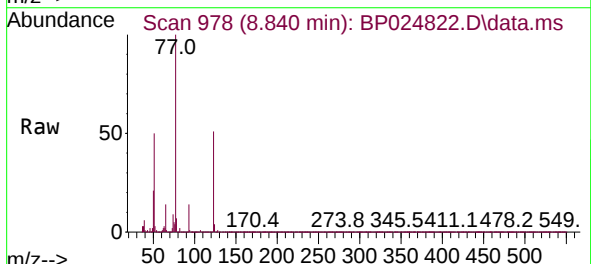
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

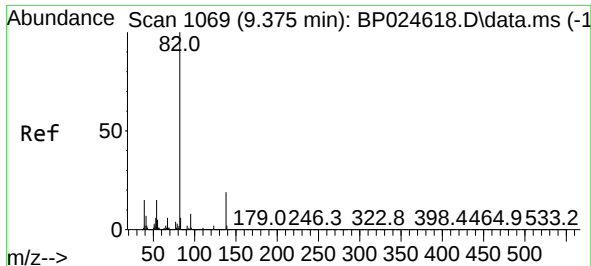
Tgt Ion: 82 Resp: 526994
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 49.3 38.7 58.1



#24
Nitrobenzene
Concen: 40.061 ng
RT: 8.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 77 Resp: 257160
Ion Ratio Lower Upper
77 100
123 51.1 37.4 56.0
65 13.8 11.3 16.9

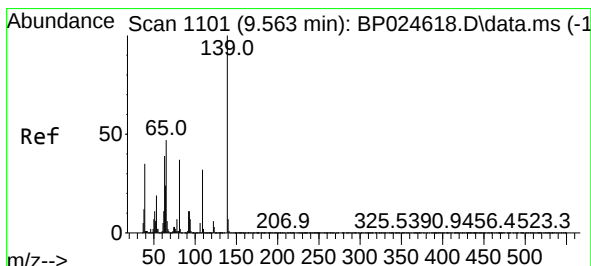
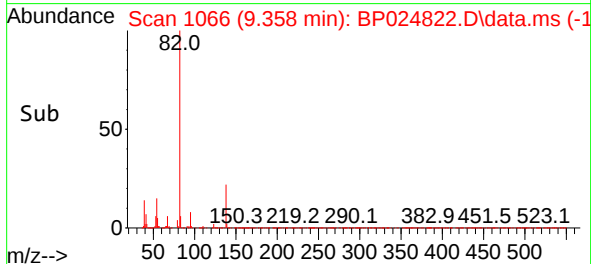
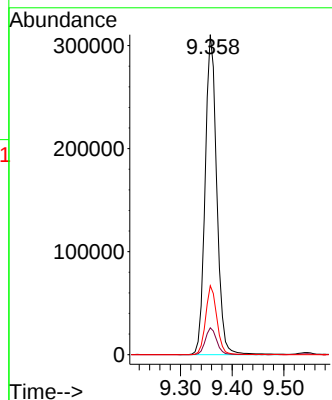
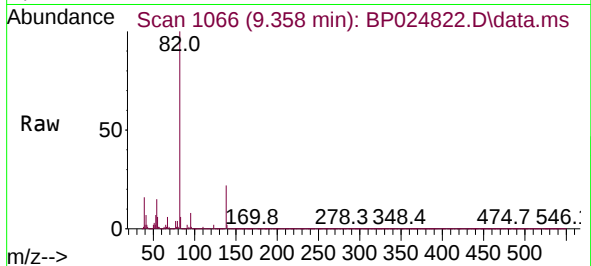




#25
Isophorone
Concen: 38.202 ng
RT: 9.358 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

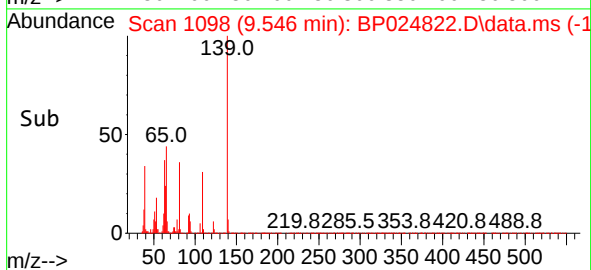
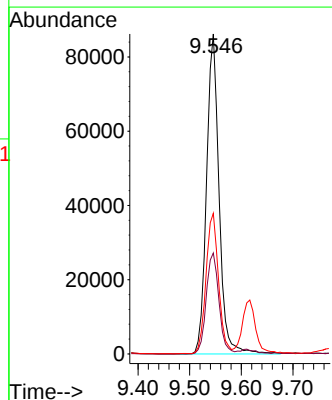
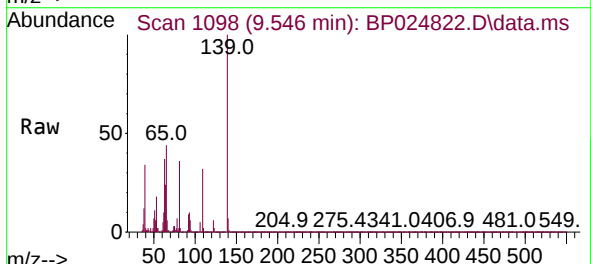
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

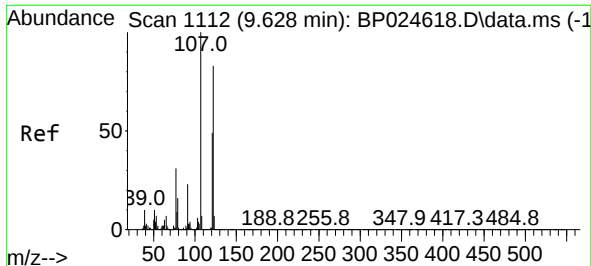
Tgt Ion: 82 Resp: 483381
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 21.6 15.3 22.9



#26
2-Nitrophenol
Concen: 46.160 ng
RT: 9.546 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 139 Resp: 145197
Ion Ratio Lower Upper
139 100
109 31.5 25.9 38.9
65 44.0 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.481 ng

RT: 9.616 min Scan# 1110

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

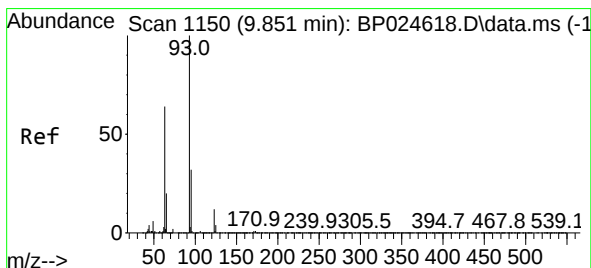
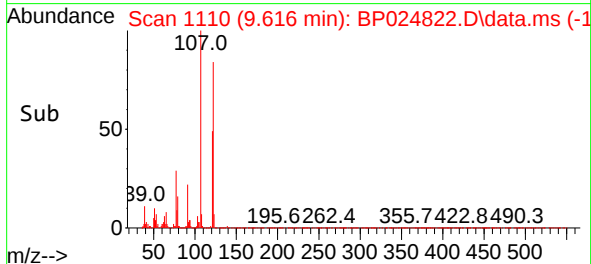
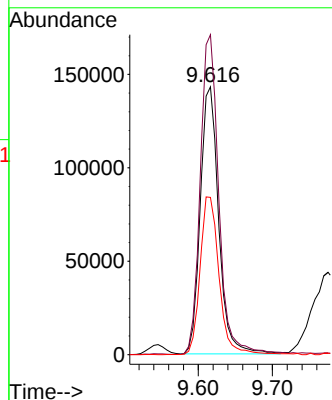
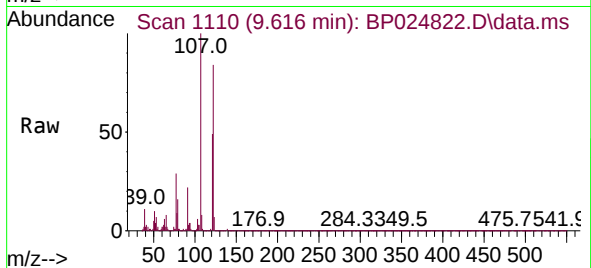
Tgt Ion:122 Resp: 246686

Ion Ratio Lower Upper

122 100

107 119.5 96.2 144.2

121 58.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.754 ng

RT: 9.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

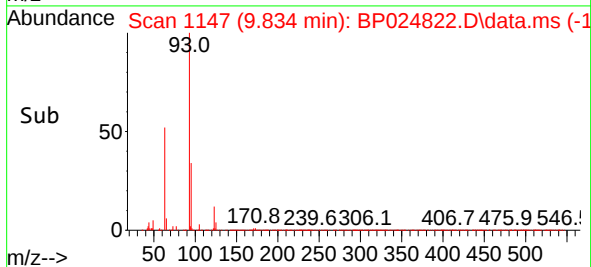
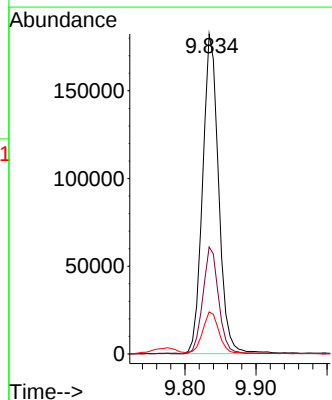
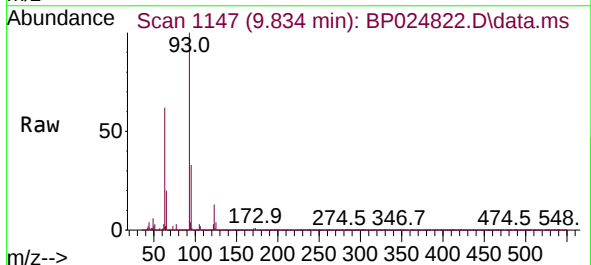
Tgt Ion: 93 Resp: 285398

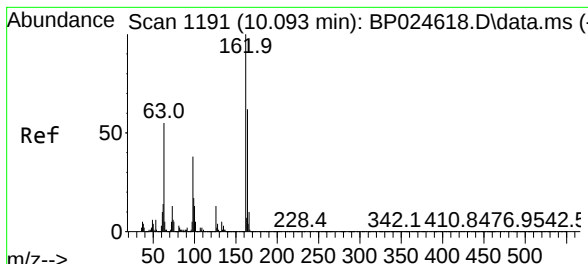
Ion Ratio Lower Upper

93 100

95 33.4 25.5 38.3

123 13.1 9.7 14.5

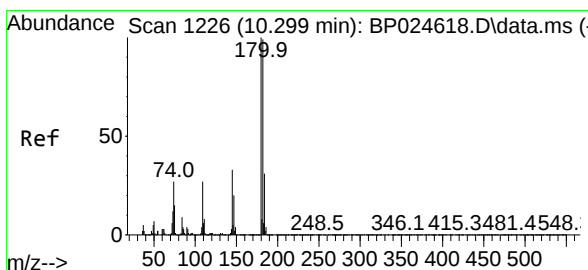
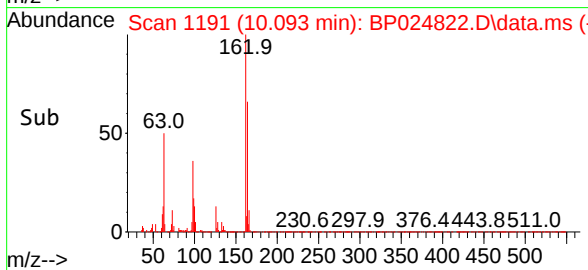
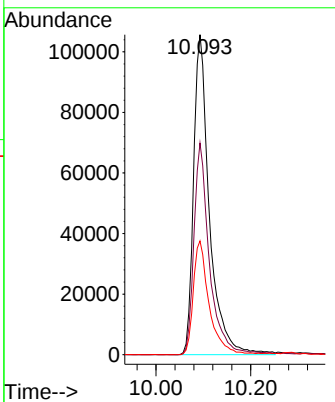
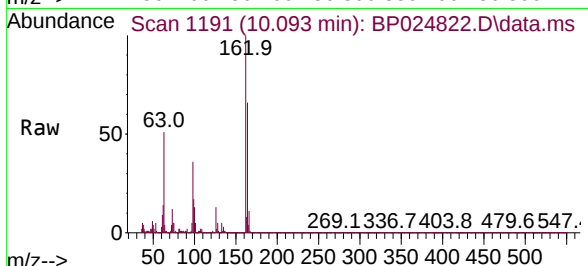




#29
 2,4-Dichlorophenol
 Concen: 45.692 ng
 RT: 10.093 min Scan# 1191
 Delta R.T. 0.012 min
 Lab File: BP024822.D
 Acq: 28 May 2025 19:33

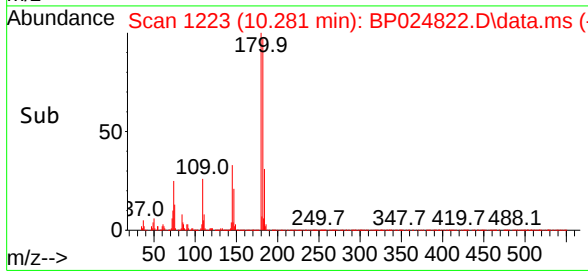
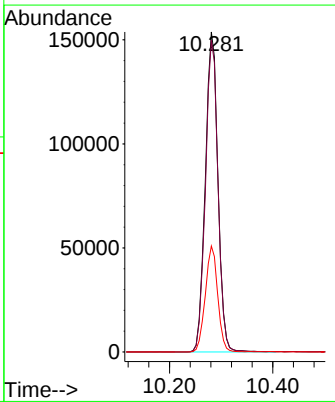
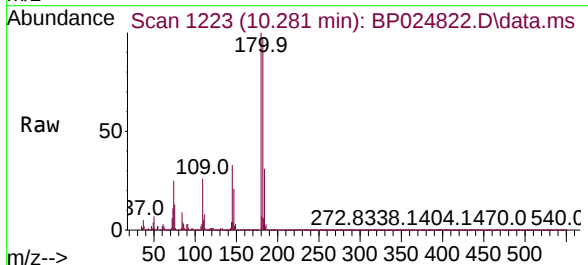
Instrument :
 BNA_P
 ClientSampleId :
 TP-3MSD

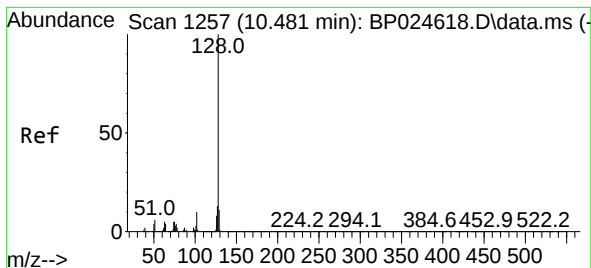
Tgt Ion:	162	Resp:	245557
Ion	Ratio	Lower	Upper
162	100		
164	66.2	42.3	82.3
98	35.6	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.023 ng
 RT: 10.281 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: BP024822.D
 Acq: 28 May 2025 19:33

Tgt Ion:	180	Resp:	260556
Ion	Ratio	Lower	Upper
180	100		
182	97.5	79.0	118.4
145	33.1	26.6	39.8

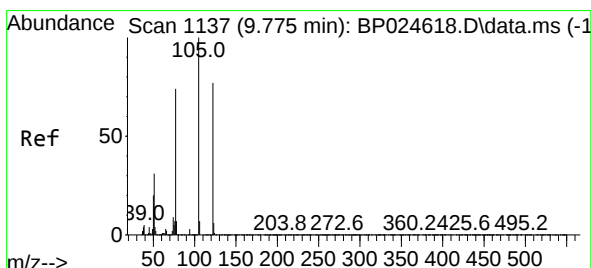
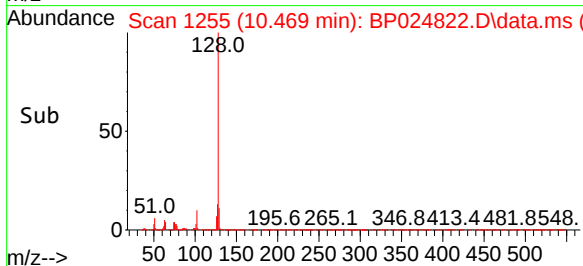
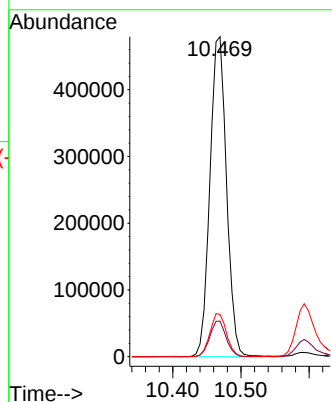
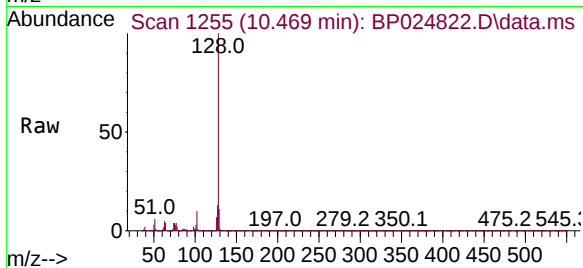




#31
Naphthalene
Concen: 42.555 ng
RT: 10.469 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

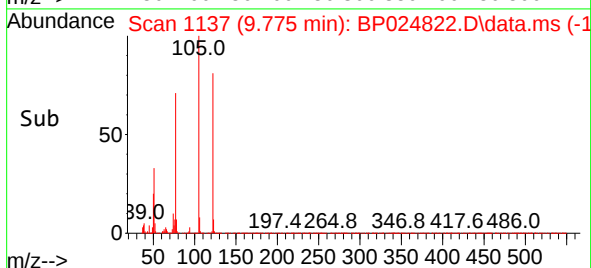
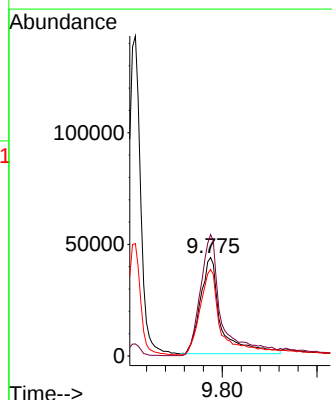
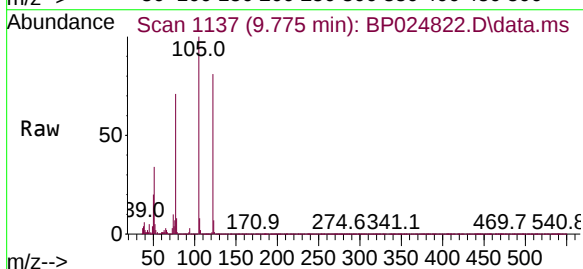
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

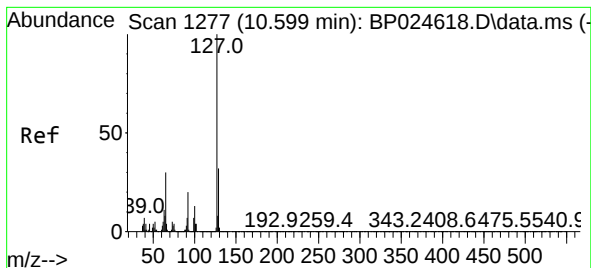
Tgt Ion:128 Resp: 812768
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 36.016 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.017 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:122 Resp: 130525
Ion Ratio Lower Upper
122 100
105 123.2 106.9 146.9
77 87.9 75.1 115.1





#33

4-Chloroaniline

Concen: 21.493 ng

RT: 10.593 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

Tgt Ion:127 Resp: 165645

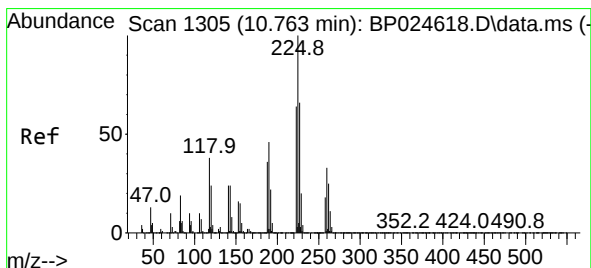
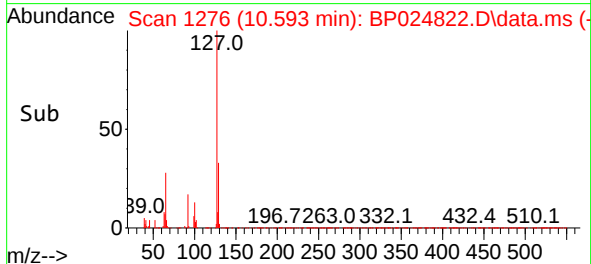
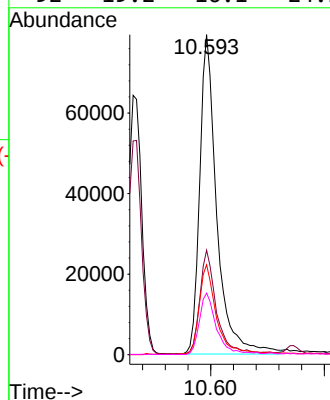
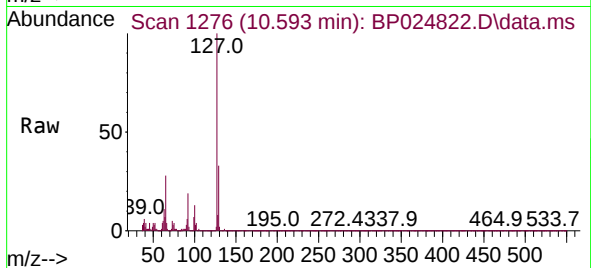
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.6

65 28.1 23.9 35.9

92 19.2 16.1 24.1



#34

Hexachlorobutadiene

Concen: 42.686 ng

RT: 10.746 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

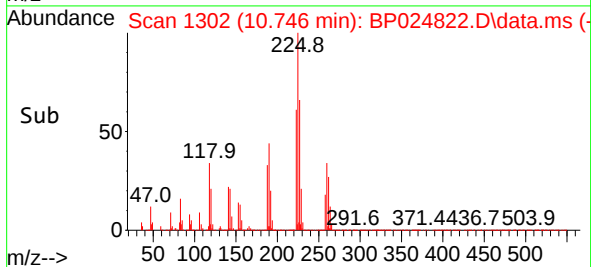
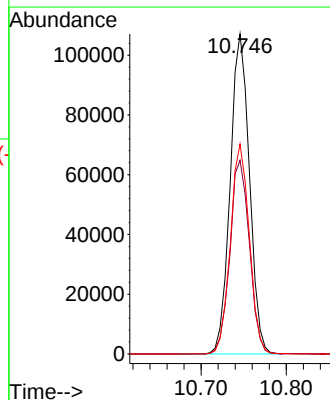
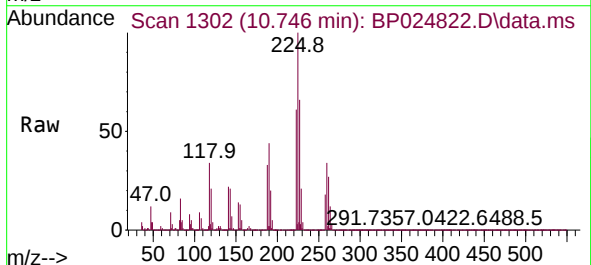
Tgt Ion:225 Resp: 167469

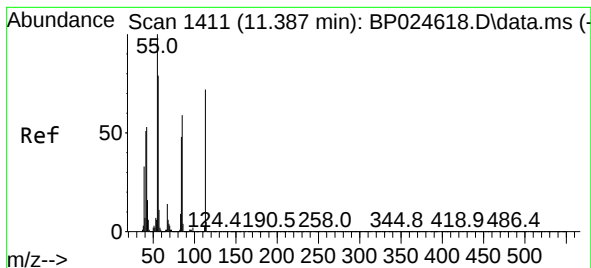
Ion Ratio Lower Upper

225 100

223 60.5 51.0 76.6

227 65.6 53.1 79.7





#35

Caprolactam

Concen: 39.660 ng

RT: 11.387 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

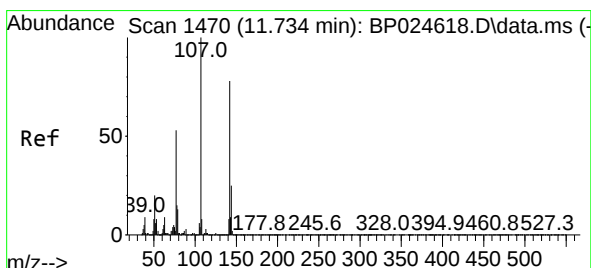
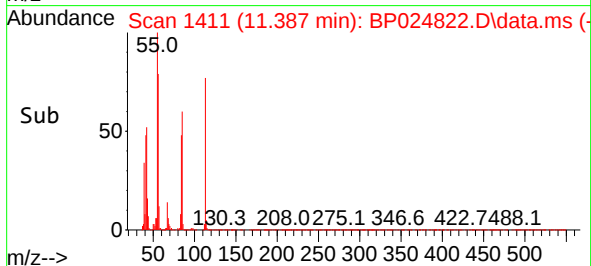
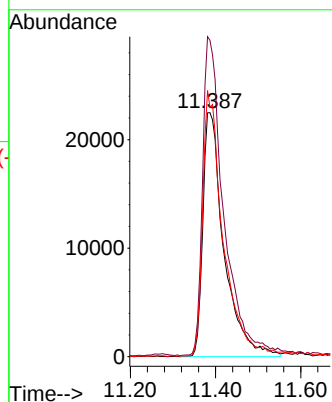
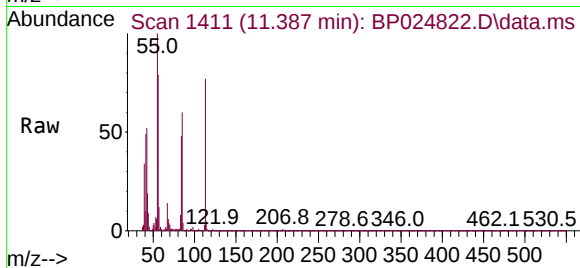
Tgt Ion:113 Resp: 77116

Ion Ratio Lower Upper

113 100

55 129.6 119.0 159.0

56 102.2 90.3 130.3



#36

4-Chloro-3-methylphenol

Concen: 43.004 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

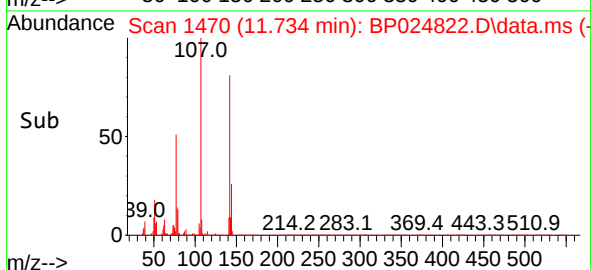
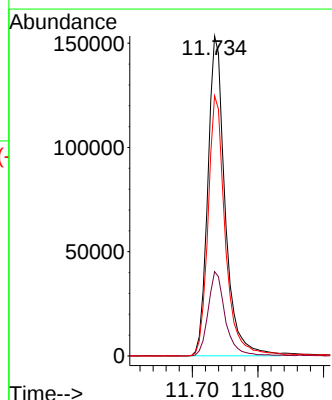
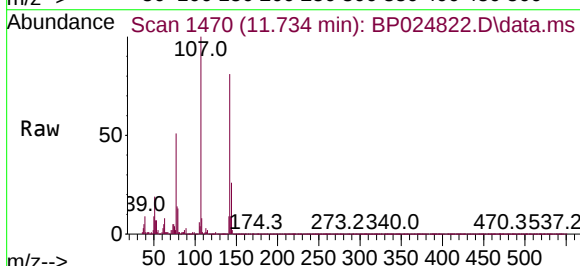
Tgt Ion:107 Resp: 281838

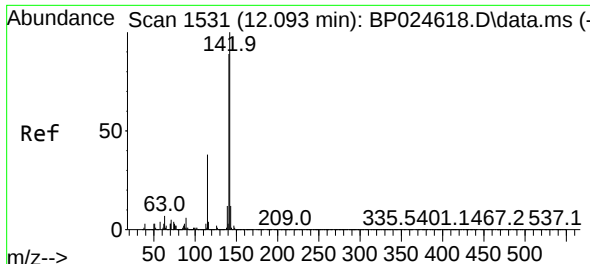
Ion Ratio Lower Upper

107 100

144 26.4 20.1 30.1

142 81.3 62.1 93.1

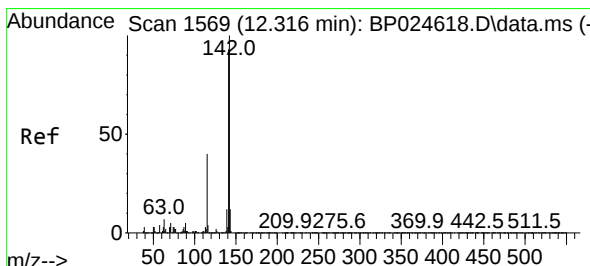
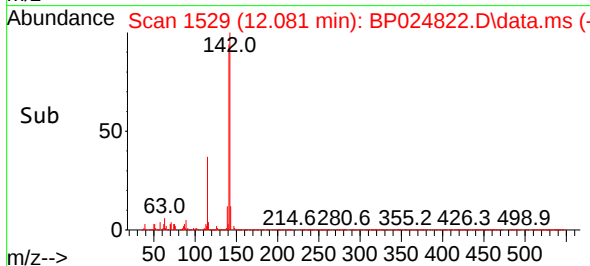
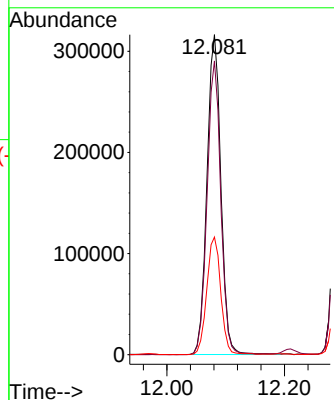
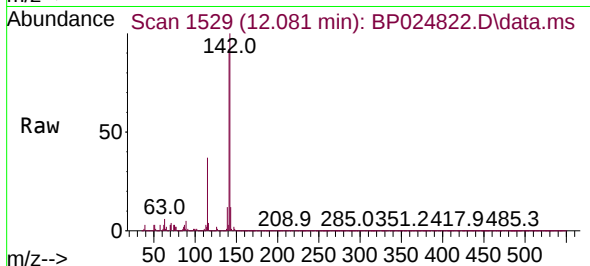




#37
2-Methylnaphthalene
Concen: 42.077 ng
RT: 12.081 min Scan# 1529
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

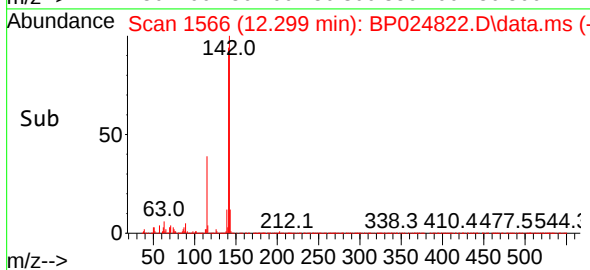
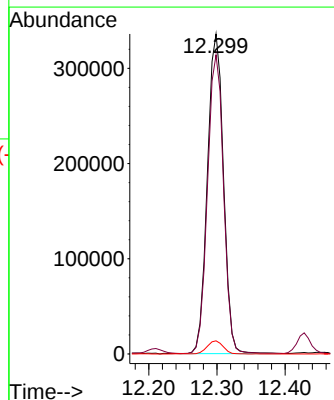
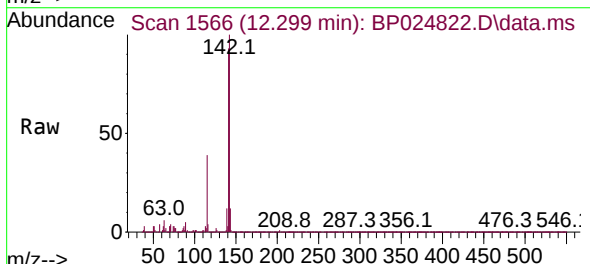
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

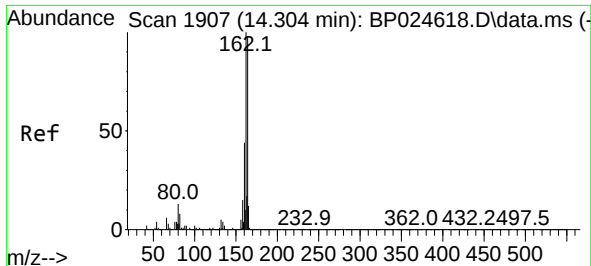
Tgt Ion:142 Resp: 520366
Ion Ratio Lower Upper
142 100
141 91.8 71.2 106.8
115 36.7 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.588 ng
RT: 12.299 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:142 Resp: 550299
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1
116 4.1 3.4 5.2

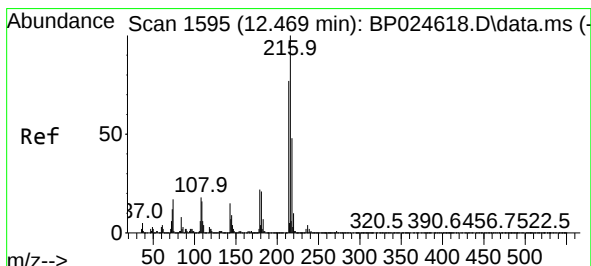
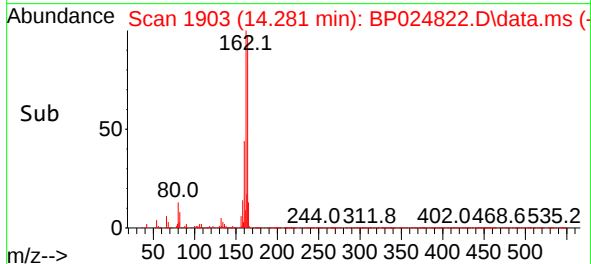
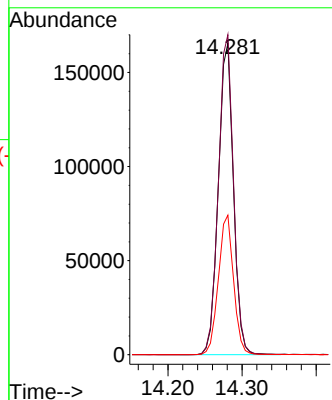
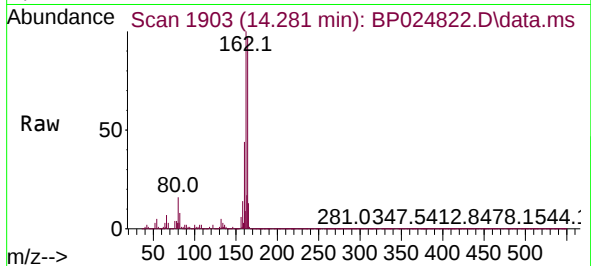




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

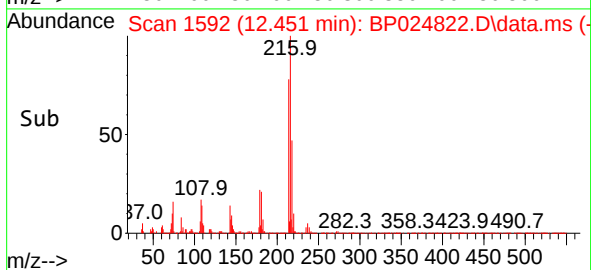
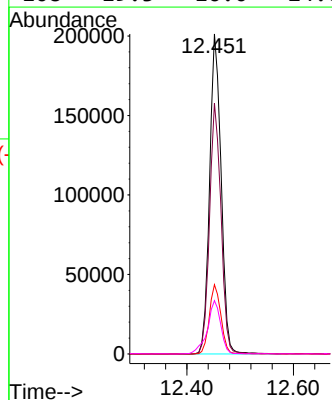
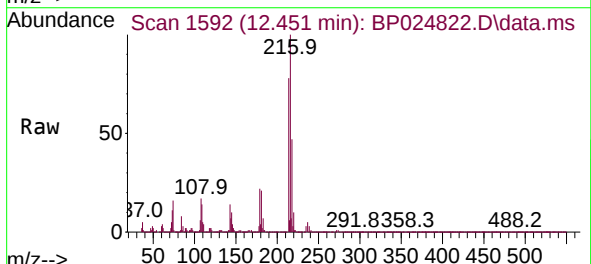
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

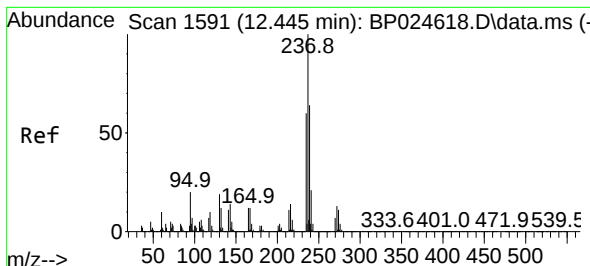
Tgt Ion:164 Resp: 233815
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 44.8 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.535 ng
RT: 12.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:216 Resp: 302381
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 21.8 17.7 26.5
108 19.3 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 62.421 ng

RT: 12.428 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

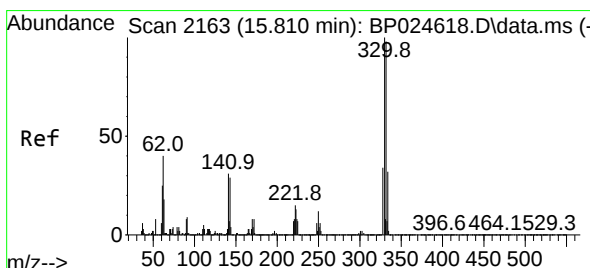
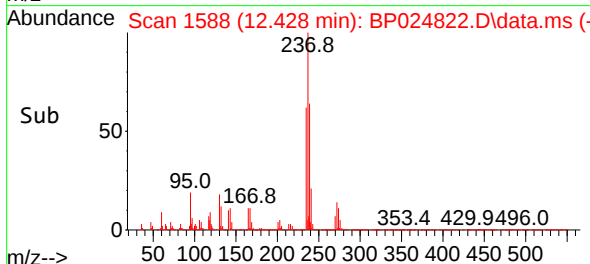
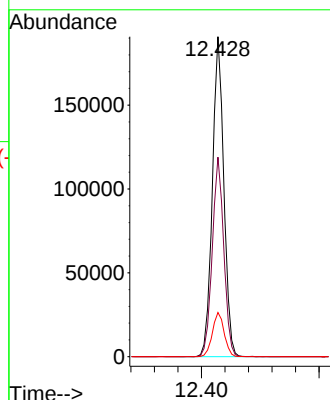
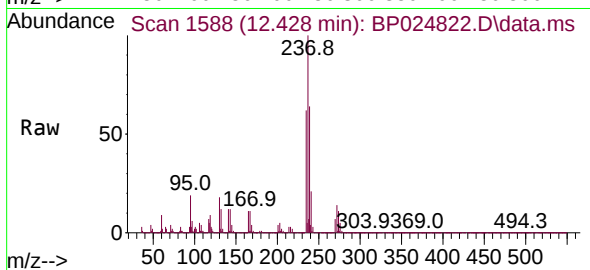
Tgt Ion:237 Resp: 256992

Ion Ratio Lower Upper

237 100

235 62.4 39.9 79.9

272 13.8 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 156.344 ng

RT: 15.793 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

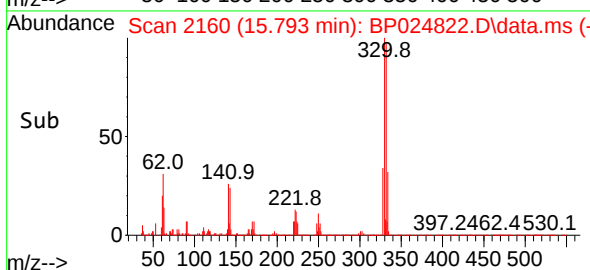
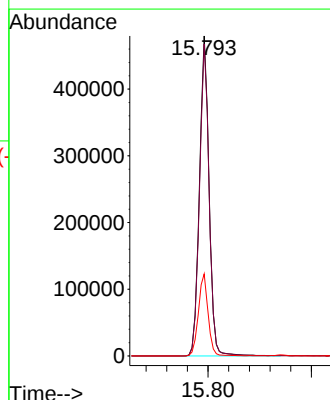
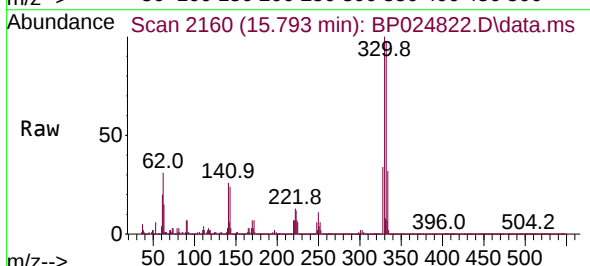
Tgt Ion:330 Resp: 619722

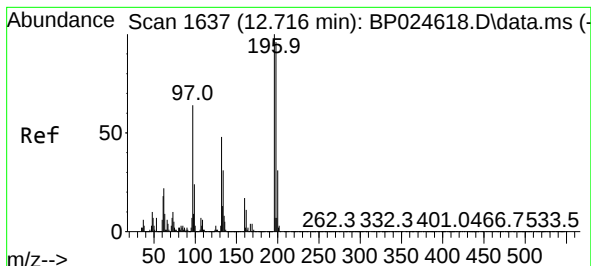
Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

141 25.8 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 47.757 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

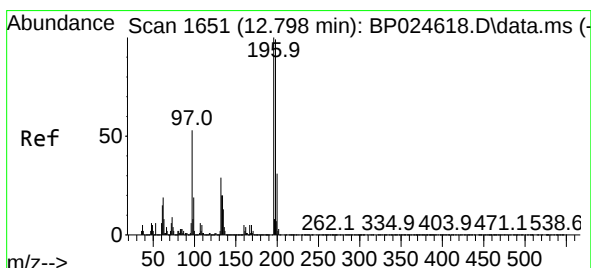
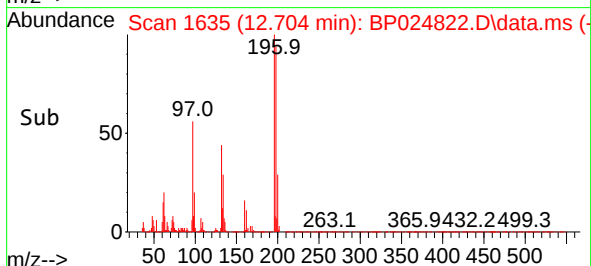
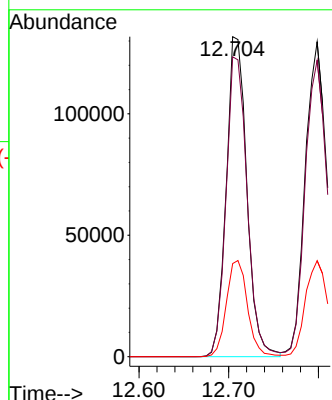
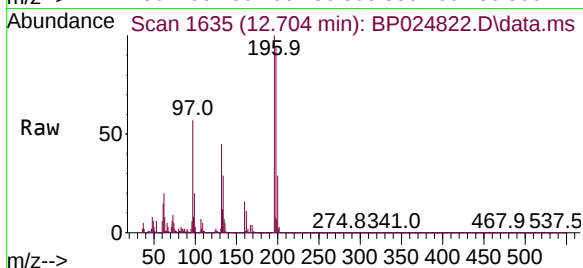
Tgt Ion:196 Resp: 210023

Ion Ratio Lower Upper

196 100

198 93.7 76.9 115.3

200 29.1 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 48.758 ng

RT: 12.799 min Scan# 1651

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Tgt Ion:196 Resp: 238684

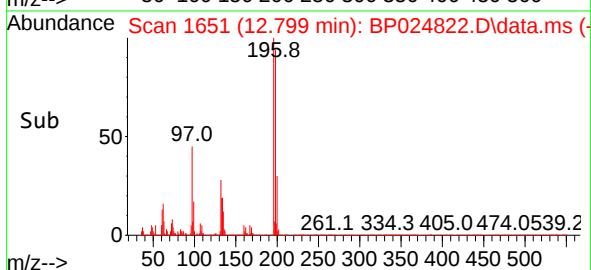
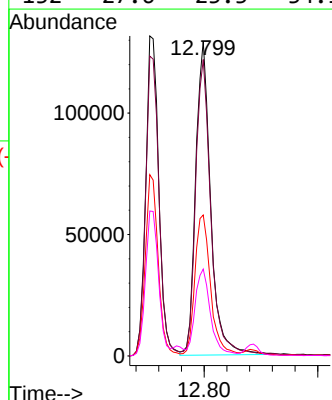
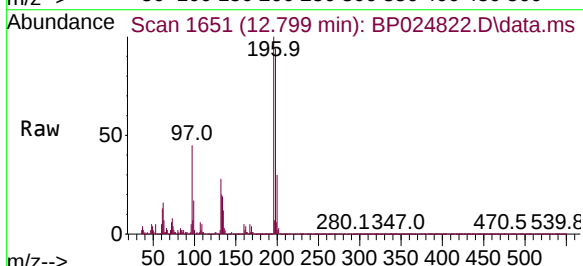
Ion Ratio Lower Upper

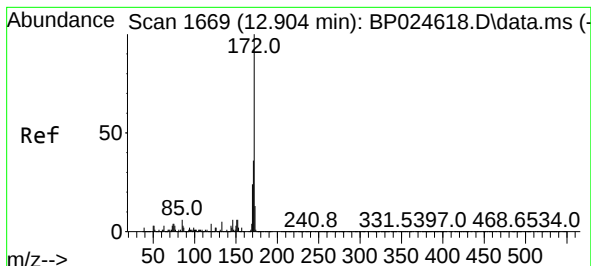
196 100

198 94.1 79.2 118.8

97 44.7 42.3 63.5

132 27.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.362 ng

RT: 12.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

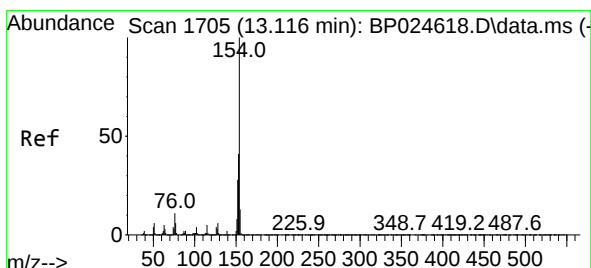
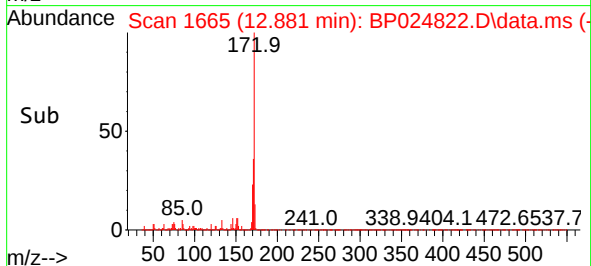
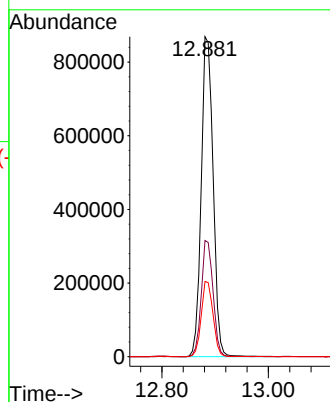
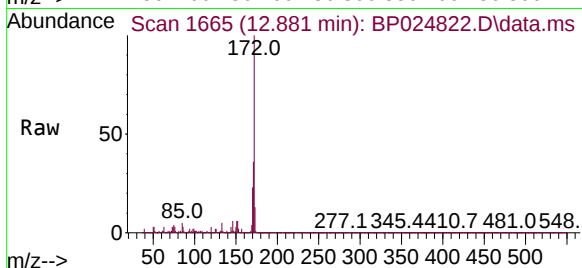
Tgt Ion:172 Resp: 1344974

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 43.251 ng

RT: 13.099 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

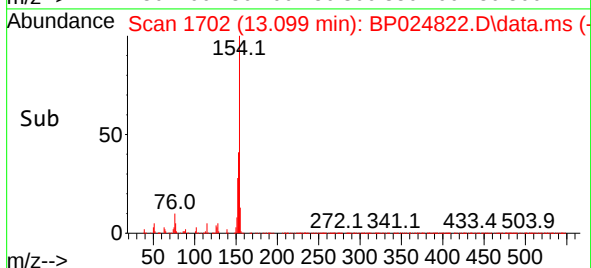
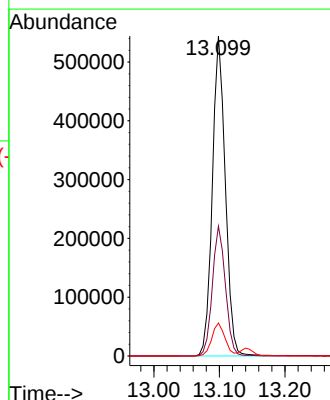
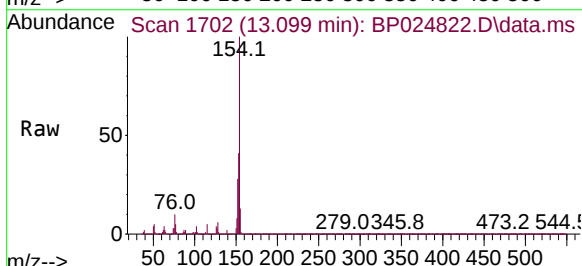
Tgt Ion:154 Resp: 747447

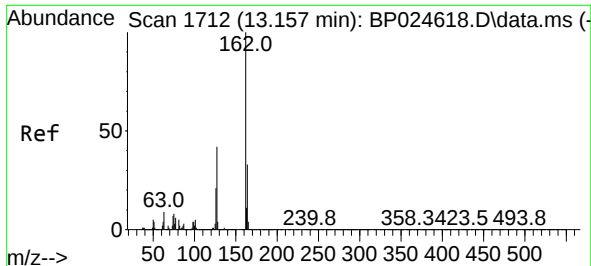
Ion Ratio Lower Upper

154 100

153 40.6 21.0 61.0

76 10.3 0.0 31.5

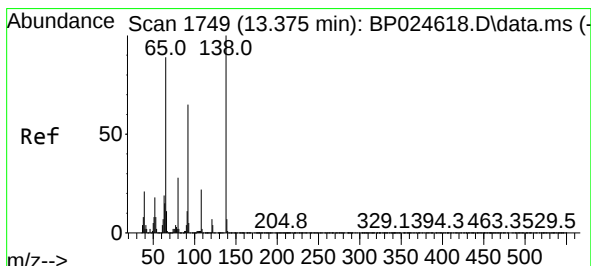
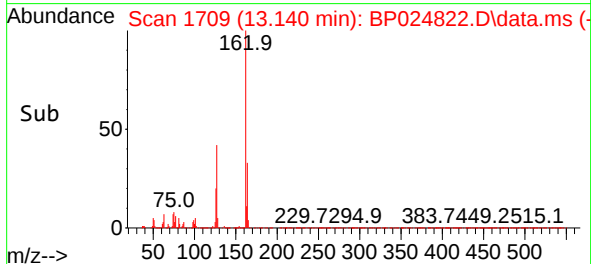
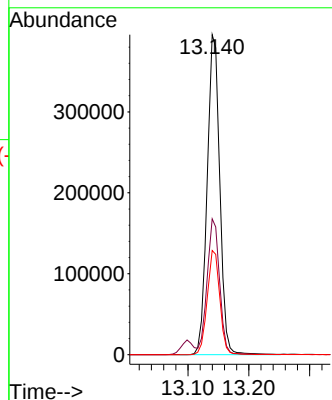
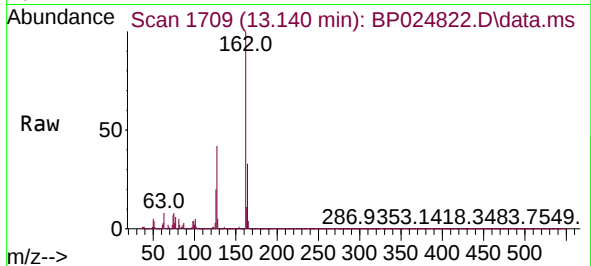




#47
2-Chloronaphthalene
Concen: 43.196 ng
RT: 13.140 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

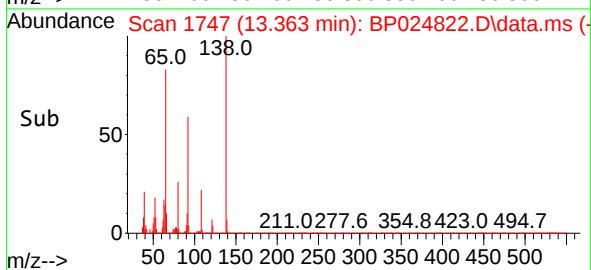
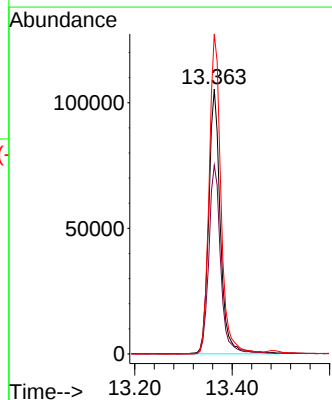
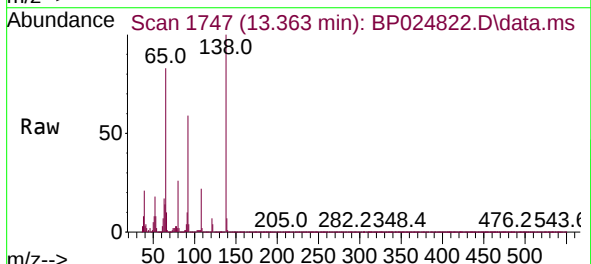
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

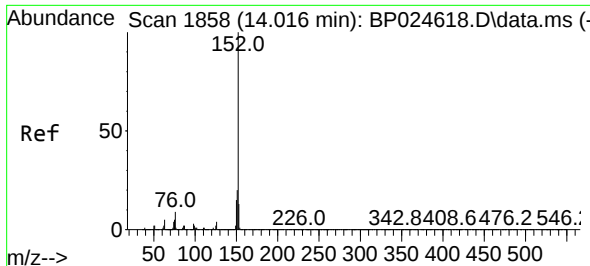
Tgt Ion:162 Resp: 569186
Ion Ratio Lower Upper
162 100
127 42.4 33.8 50.6
164 32.6 26.0 39.0



#48
2-Nitroaniline
Concen: 44.667 ng
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion: 65 Resp: 174251
Ion Ratio Lower Upper
65 100
92 71.3 58.7 88.1
138 120.8 90.2 135.2

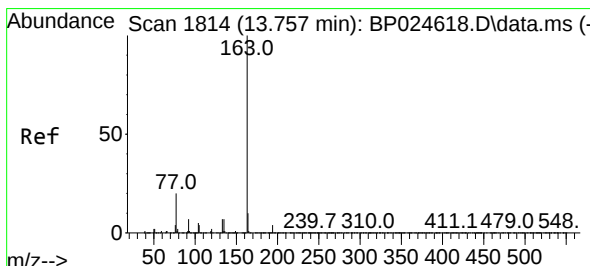
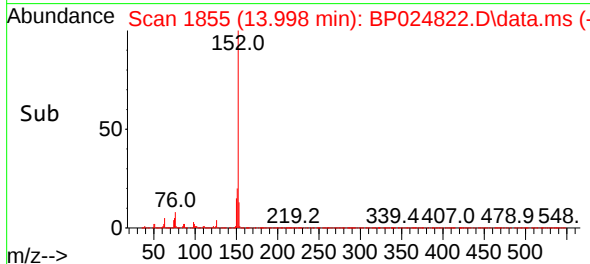
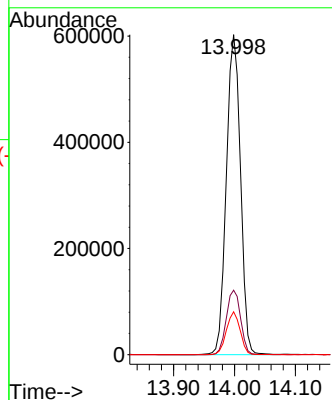
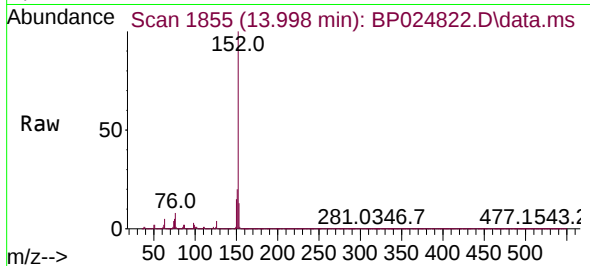




#49
Acenaphthylene
Concen: 44.071 ng
RT: 13.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

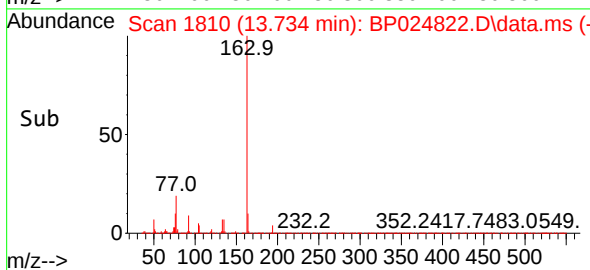
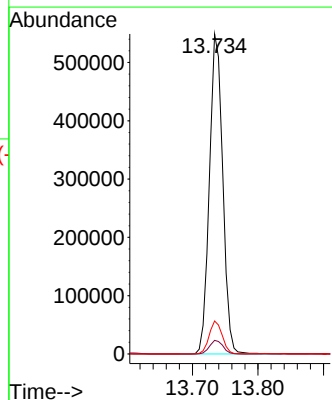
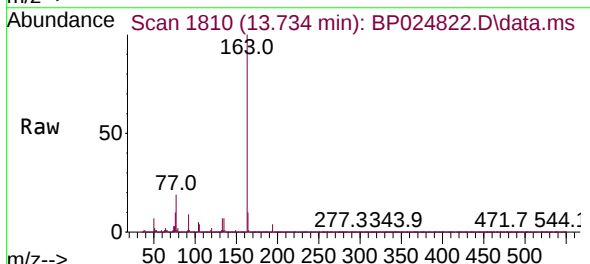
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

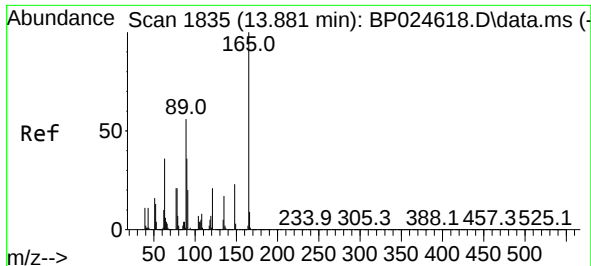
Tgt Ion:152 Resp: 971804
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.4 10.2 15.4



#50
Dimethylphthalate
Concen: 43.603 ng
RT: 13.734 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:163 Resp: 777077
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.1 12.1

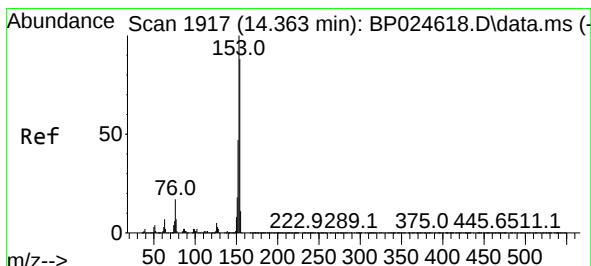
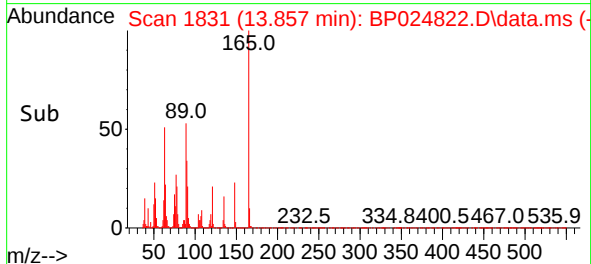
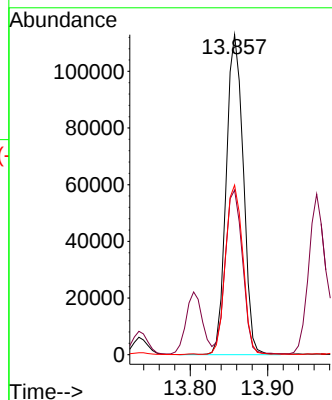
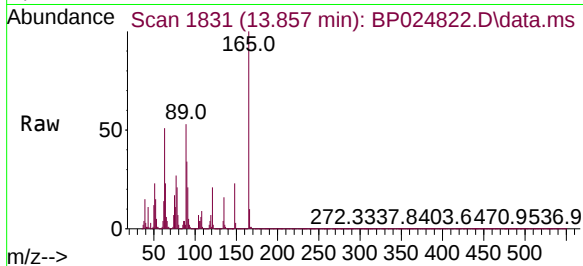




#51
2,6-Dinitrotoluene
Concen: 45.846 ng
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

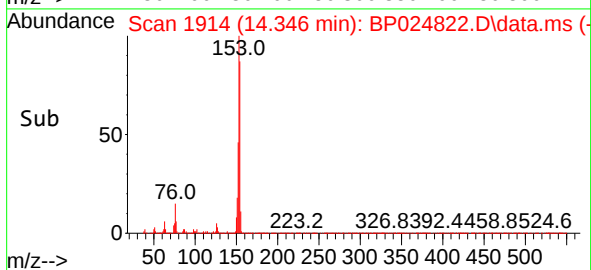
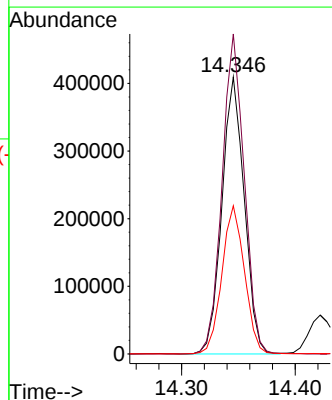
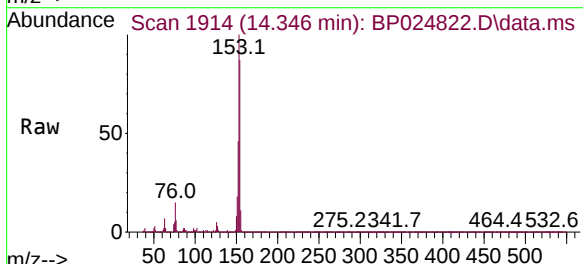
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

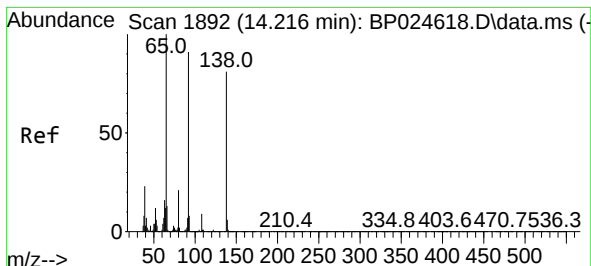
Tgt Ion:165 Resp: 172556
Ion Ratio Lower Upper
165 100
63 51.4 42.4 63.6
89 53.0 44.8 67.2



#52
Acenaphthene
Concen: 44.220 ng
RT: 14.346 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:154 Resp: 560563
Ion Ratio Lower Upper
154 100
153 115.6 91.0 136.4
152 53.5 42.9 64.3





#53

3-Nitroaniline

Concen: 33.880 ng

RT: 14.204 min Scan# 1890

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

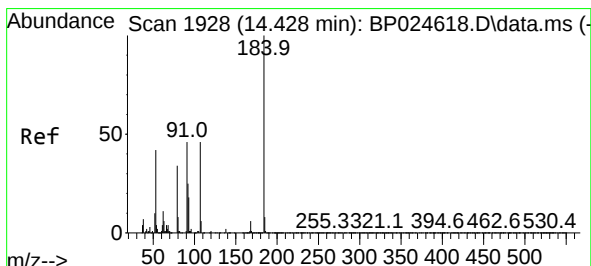
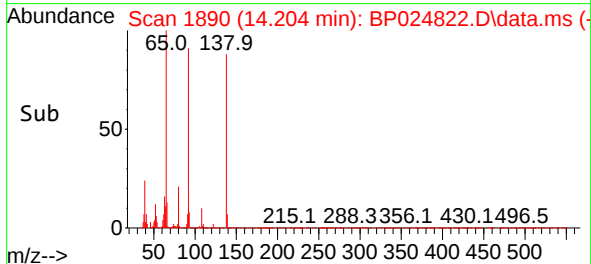
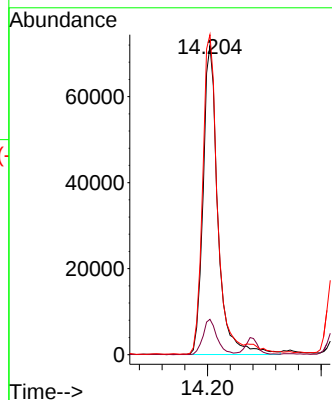
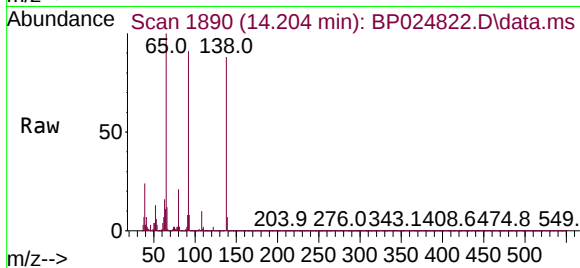
Tgt Ion:138 Resp: 130203

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 103.5 90.1 135.1



#54

2,4-Dinitrophenol

Concen: 66.163 ng

RT: 14.422 min Scan# 1927

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

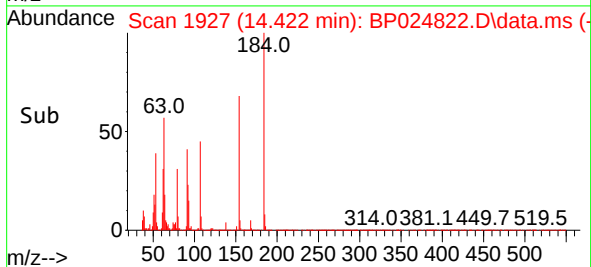
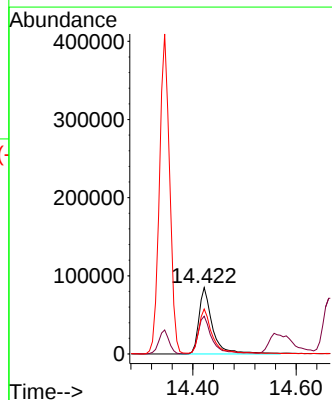
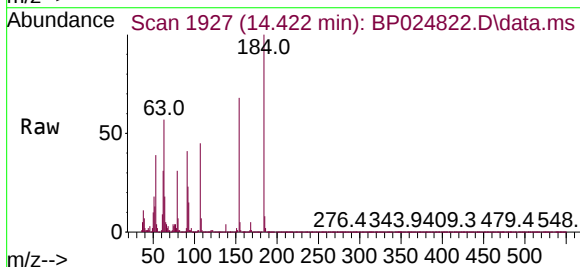
Tgt Ion:184 Resp: 154175

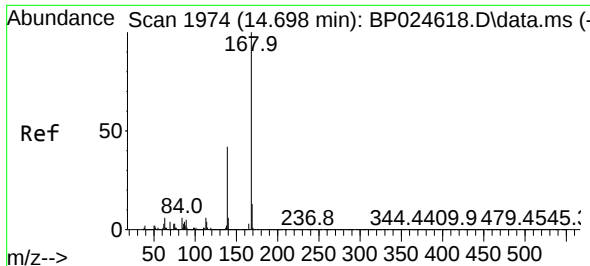
Ion Ratio Lower Upper

184 100

63 57.0 51.3 76.9

154 67.8 53.5 80.3

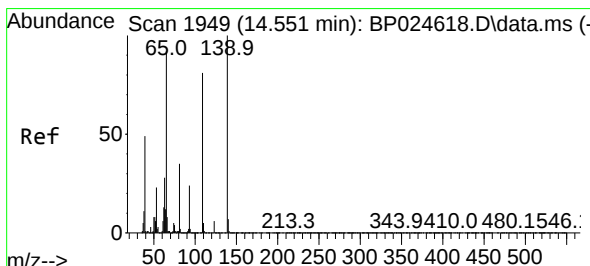
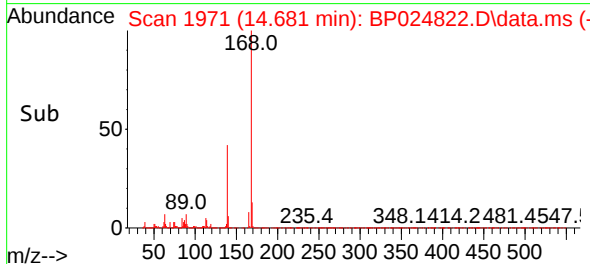
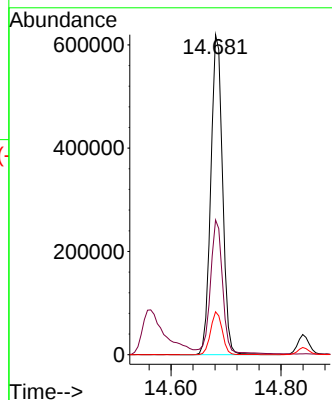
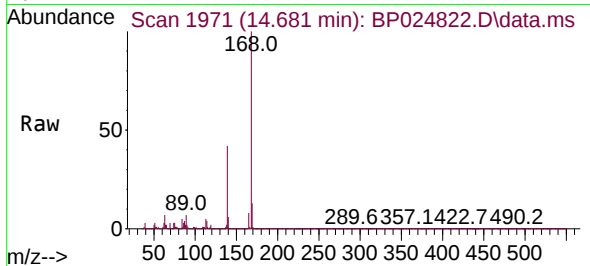




#55
Dibenzenofuran
Concen: 45.287 ng
RT: 14.681 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

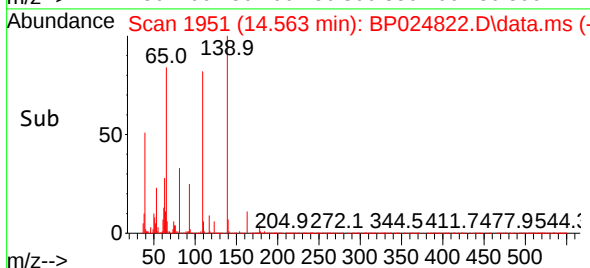
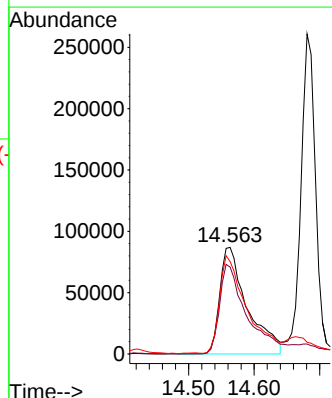
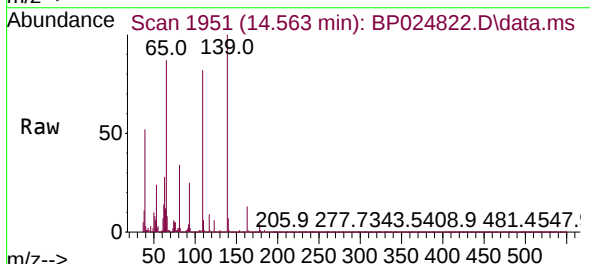
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

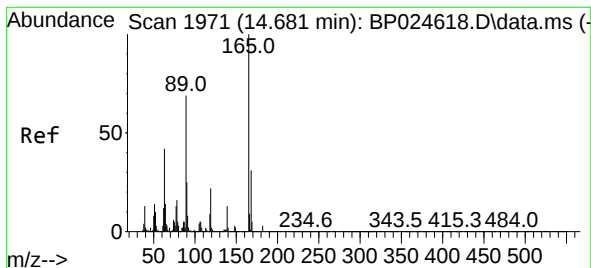
Tgt Ion:168 Resp: 915715
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 76.092 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:139 Resp: 252444
Ion Ratio Lower Upper
139 100
109 81.5 61.4 101.4
65 86.6 72.2 112.2

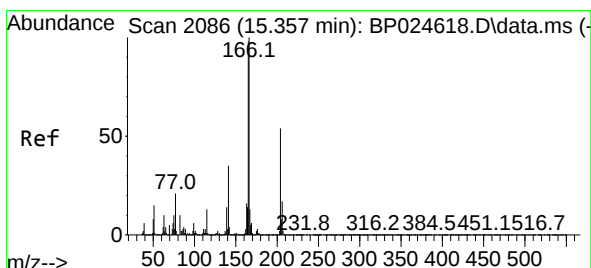
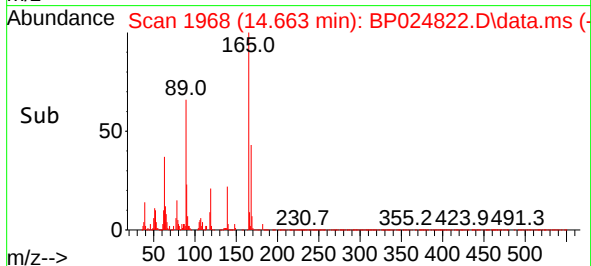
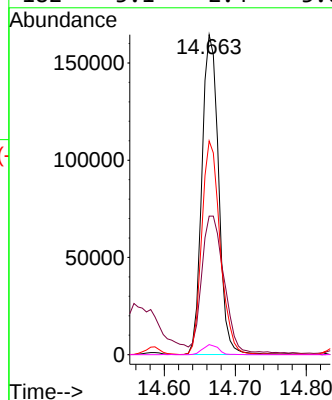
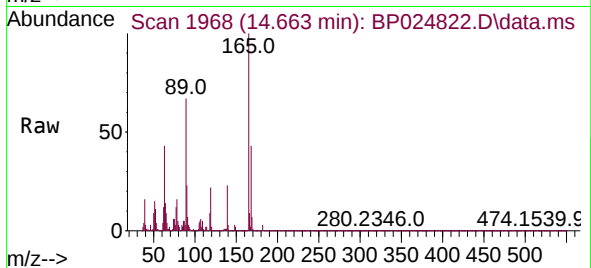




#57
2,4-Dinitrotoluene
Concen: 50.557 ng
RT: 14.663 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

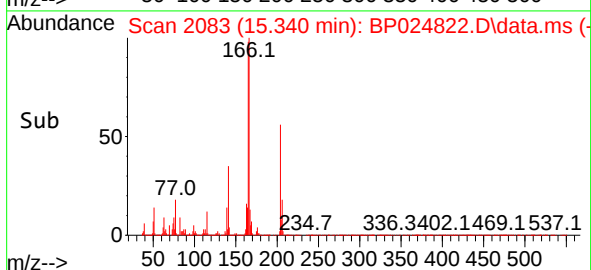
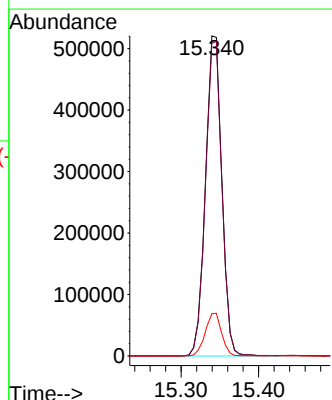
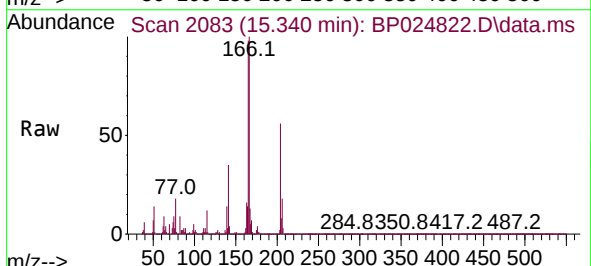
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

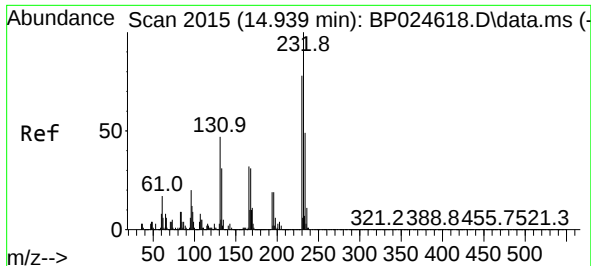
Tgt Ion:165 Resp: 268267
Ion Ratio Lower Upper
165 100
63 43.3 33.8 50.6
89 66.8 55.6 83.4
182 3.1 2.4 3.6



#58
Fluorene
Concen: 46.297 ng
RT: 15.340 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:166 Resp: 763311
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.2 10.7 16.1

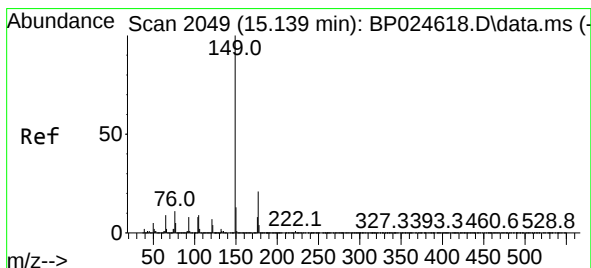
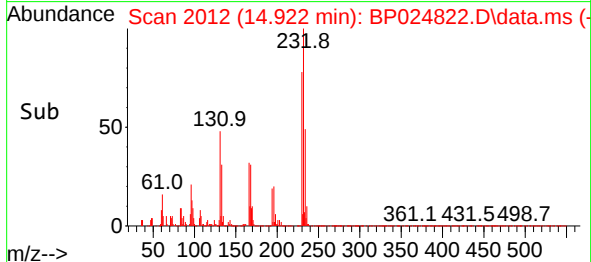
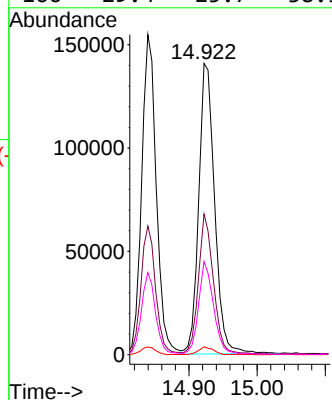
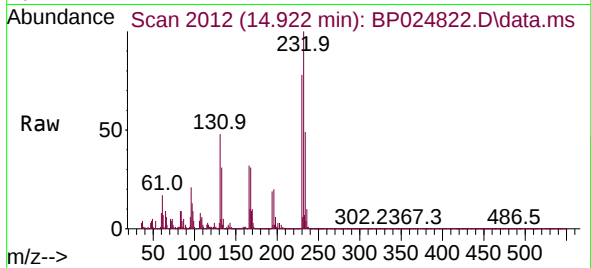




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.379 ng
RT: 14.922 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

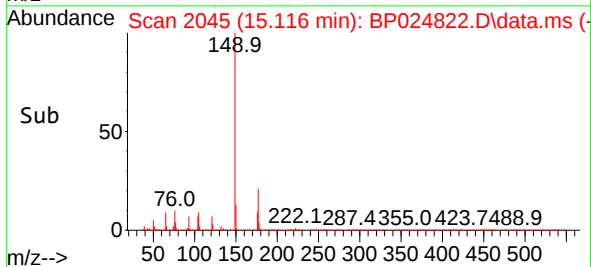
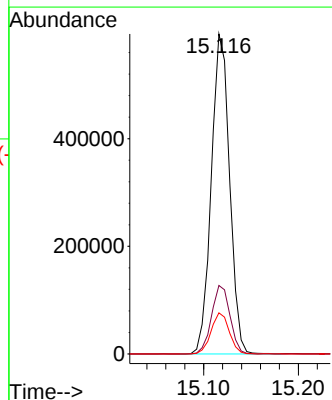
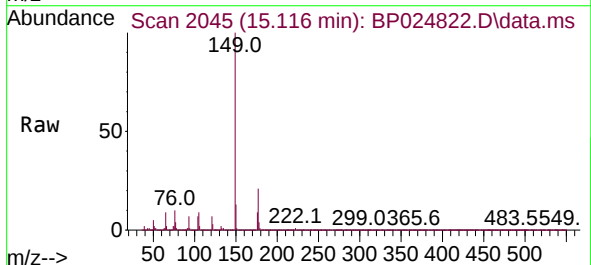
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

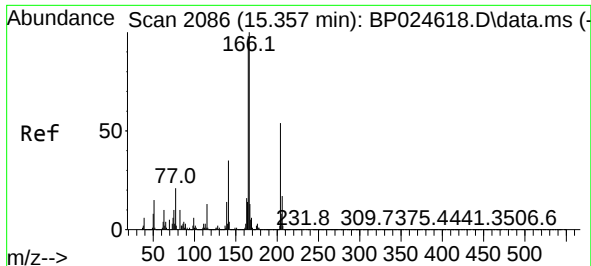
Tgt Ion:232 Resp: 228777
Ion Ratio Lower Upper
232 100
131 45.7 39.5 59.3
130 2.5 2.2 3.4
166 29.4 25.7 38.5



#60
Diethylphthalate
Concen: 44.268 ng
RT: 15.116 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:149 Resp: 797369
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.9 10.2 15.2

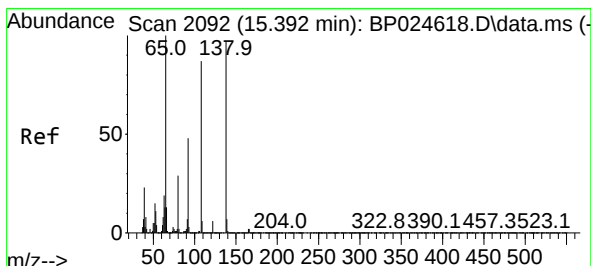
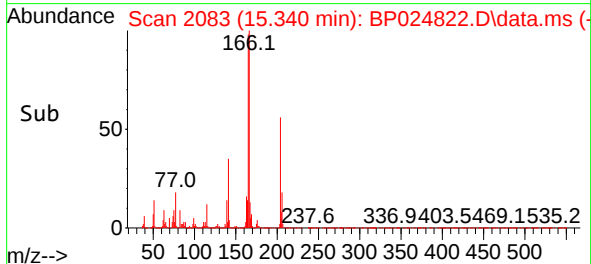
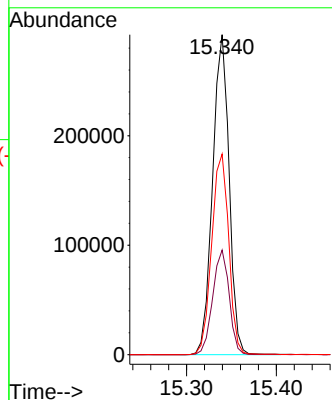
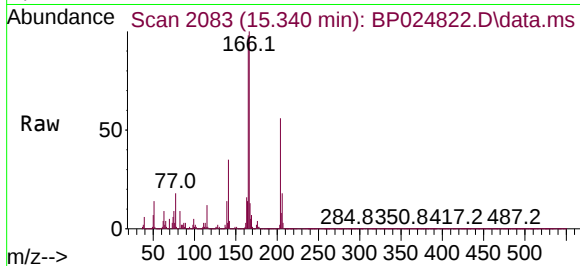




#61
4-Chlorophenyl-phenylether
Concen: 45.338 ng
RT: 15.340 min Scan# 2086
Delta R.T. 0.012 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

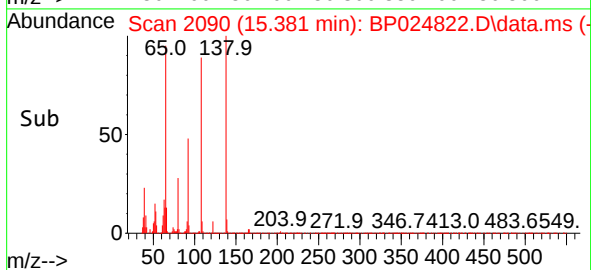
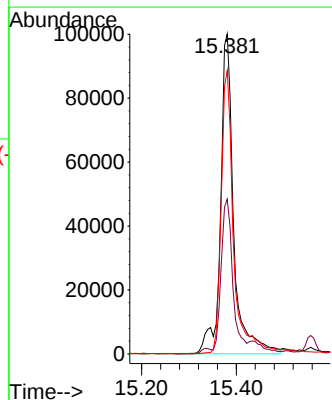
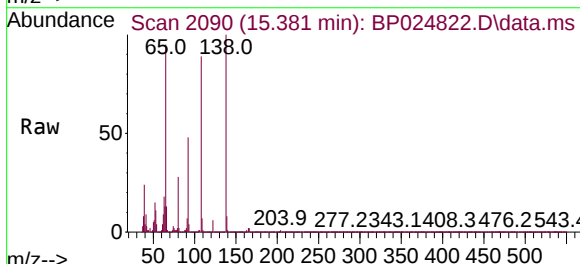
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

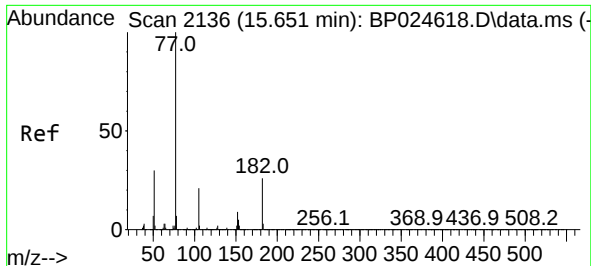
Tgt Ion:204 Resp: 372781
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 62.7 52.9 79.3



#62
4-Nitroaniline
Concen: 51.918 ng
RT: 15.381 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:138 Resp: 192657
Ion Ratio Lower Upper
138 100
92 48.4 29.2 69.2
108 88.6 69.0 109.0

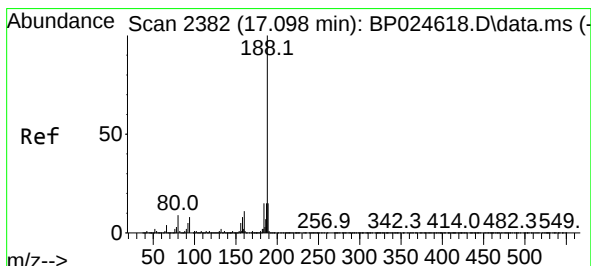
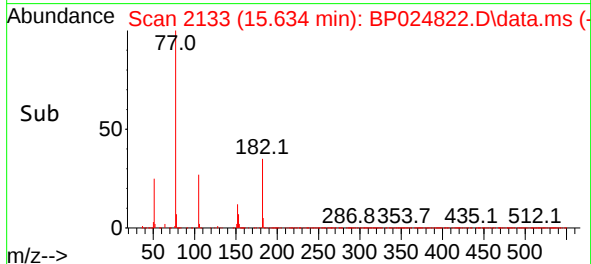
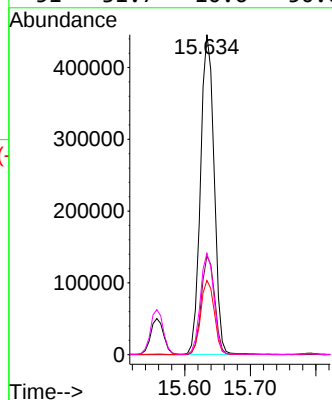
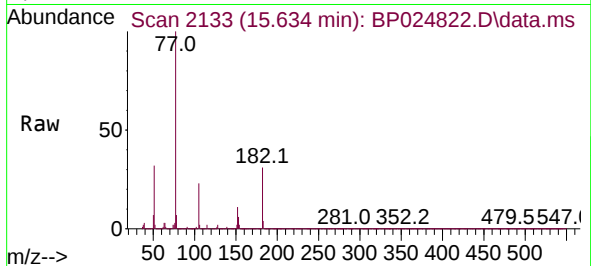




#63
Azobenzene
Concen: 41.701 ng
RT: 15.634 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

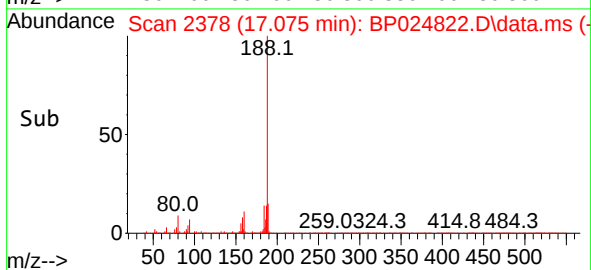
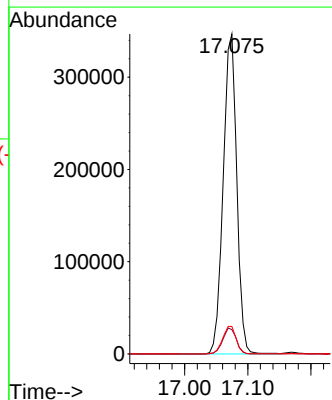
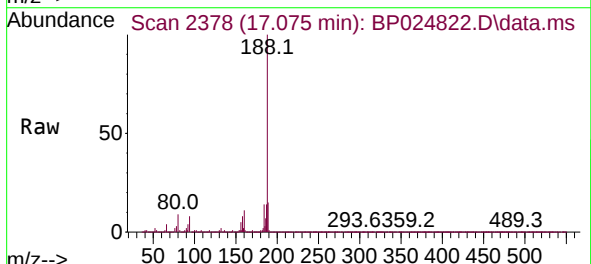
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

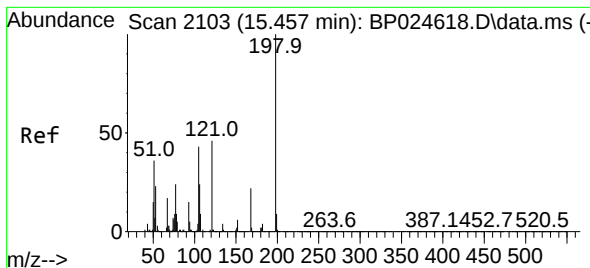
Tgt Ion: 77	Resp: 642567
Ion Ratio	Lower Upper
77 100	
182 30.8	5.7 45.7
105 23.2	1.3 41.3
51 31.7	10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:188	Resp: 517195
Ion Ratio	Lower Upper
188 100	
94 7.6	6.5 9.7
80 8.6	7.3 10.9

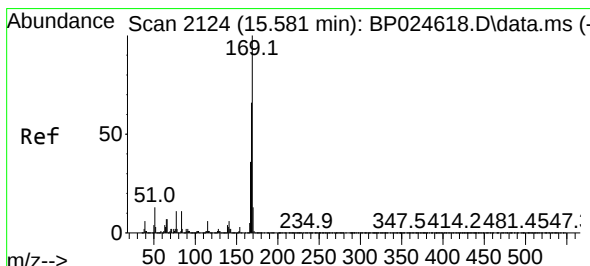
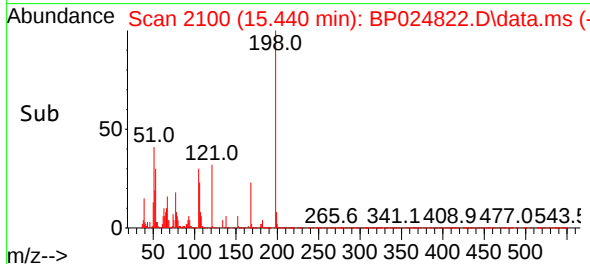
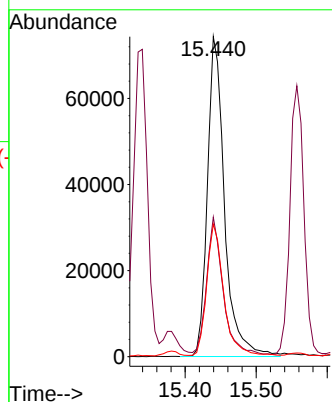
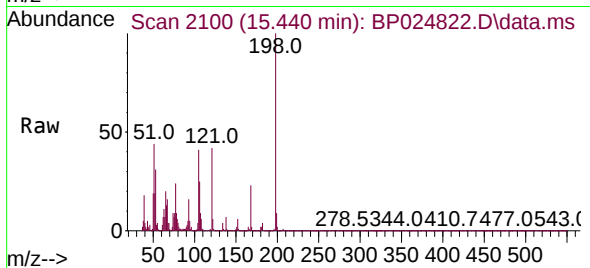




#65
4,6-Dinitro-2-methylphenol
Concen: 37.312 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

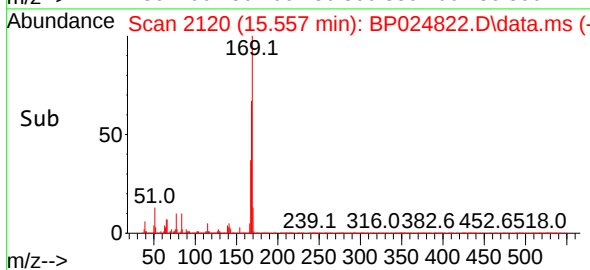
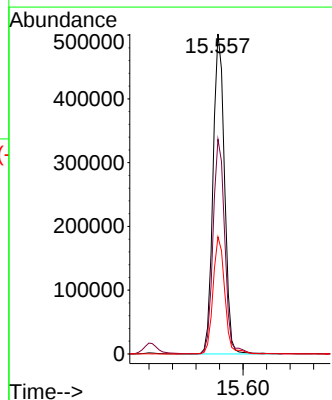
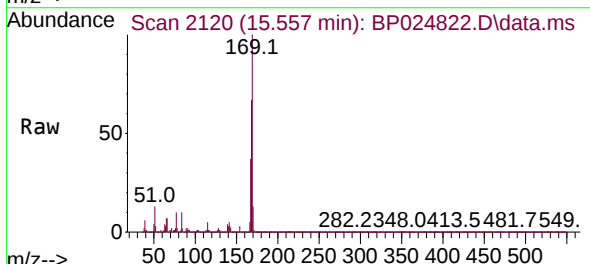
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

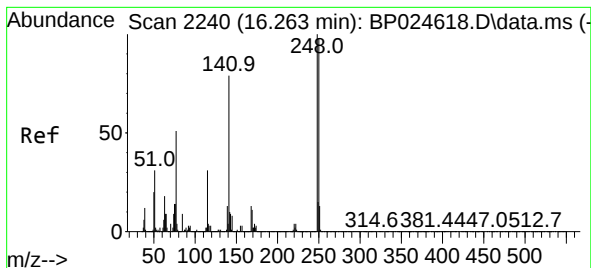
Tgt Ion:198 Resp: 124649
Ion Ratio Lower Upper
198 100
51 43.6 21.1 61.1
105 41.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.741 ng
RT: 15.557 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:169 Resp: 678996
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.6 28.6 43.0

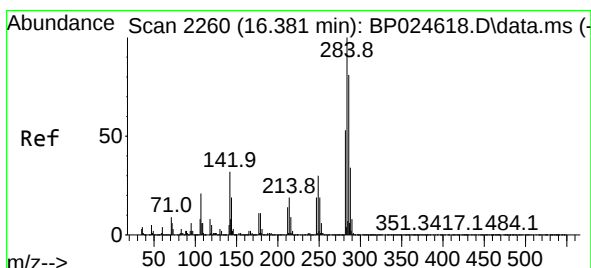
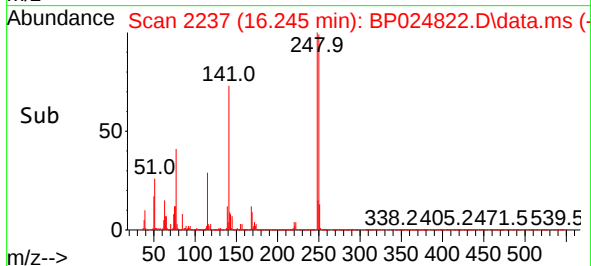
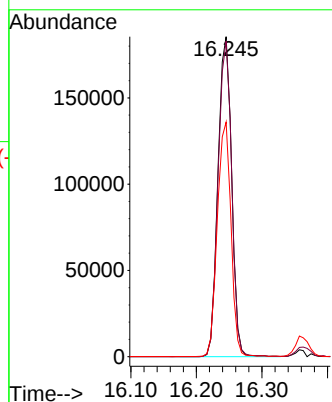
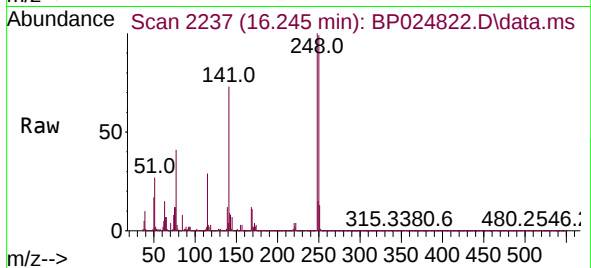




#67
4-Bromophenyl-phenylether
Concen: 43.754 ng
RT: 16.245 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

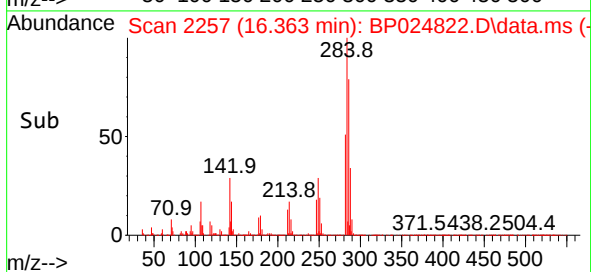
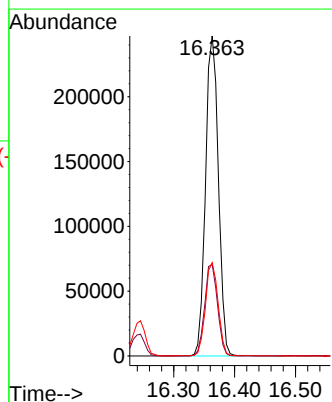
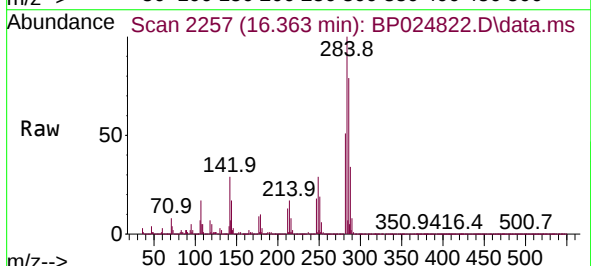
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

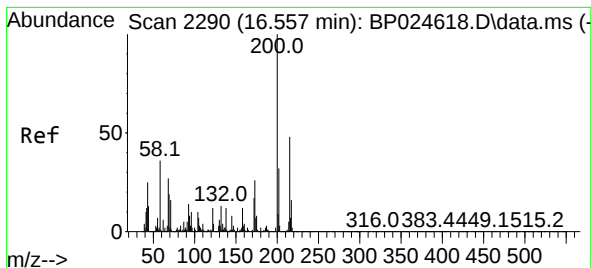
Tgt Ion:248 Resp: 266652
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.4
141 73.3 63.0 94.6



#68
Hexachlorobenzene
Concen: 46.652 ng
RT: 16.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:284 Resp: 361274
Ion Ratio Lower Upper
284 100
142 28.6 25.9 38.9
249 29.2 24.1 36.1





#69

Atrazine

Concen: 45.560 ng

RT: 16.534 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

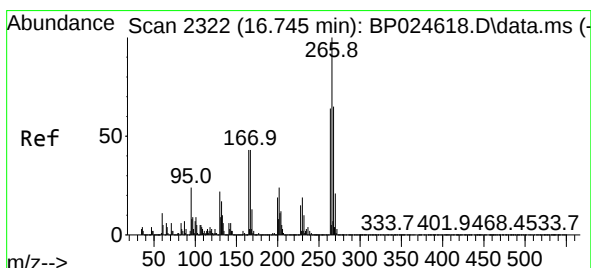
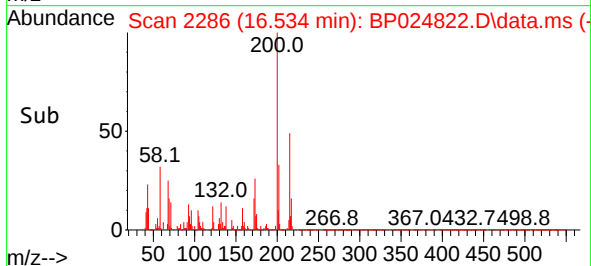
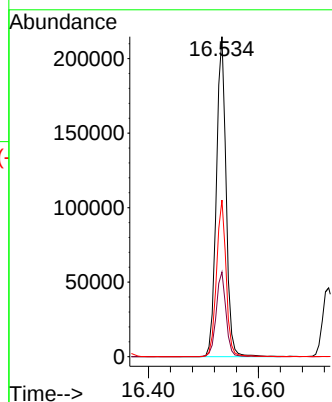
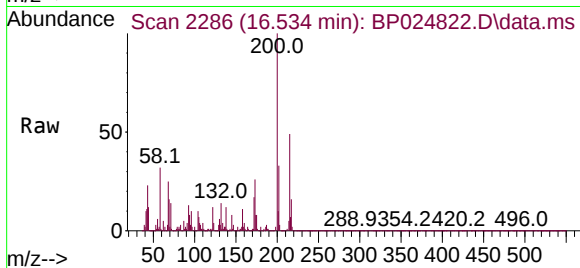
Tgt Ion:200 Resp: 265242

Ion Ratio Lower Upper

200 100

173 26.4 5.9 45.9

215 49.0 28.3 68.3



#70

Pentachlorophenol

Concen: 109.843 ng

RT: 16.728 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

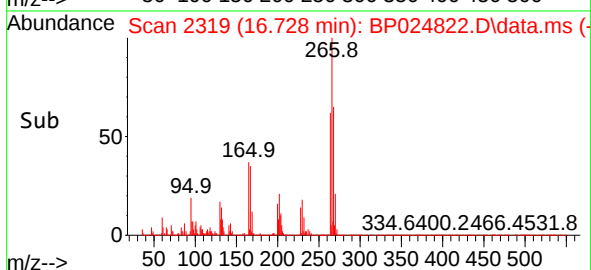
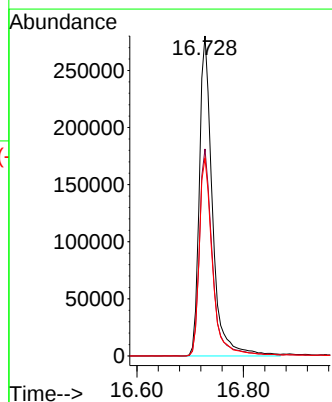
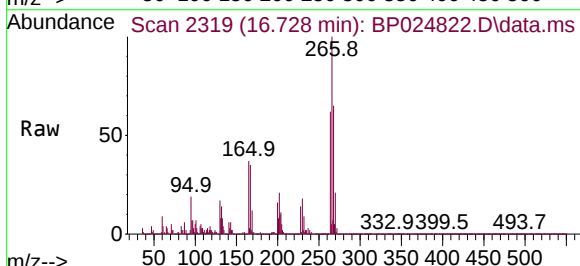
Tgt Ion:266 Resp: 477493

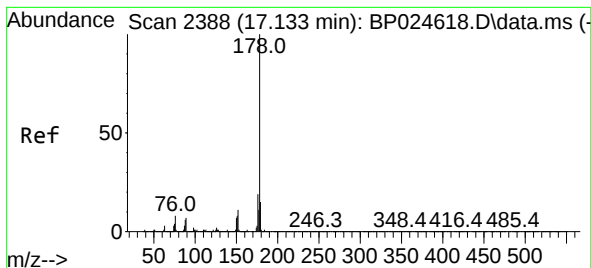
Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.4

264 61.8 51.1 76.7





#71

Phenanthrene

Concen: 44.990 ng

RT: 17.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

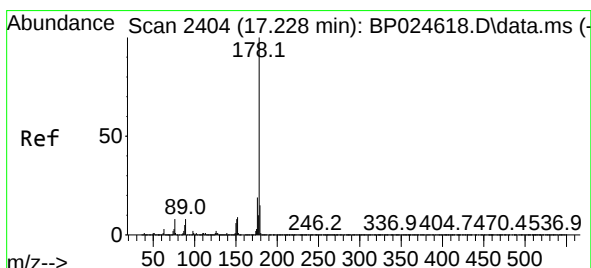
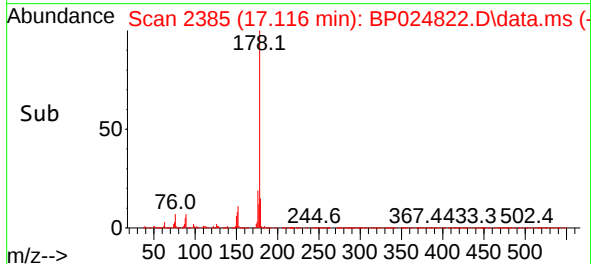
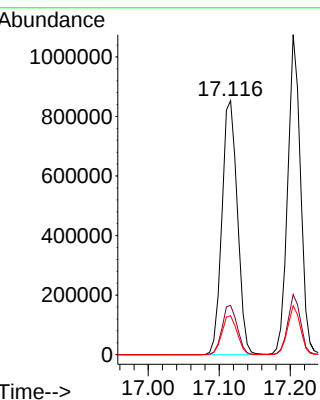
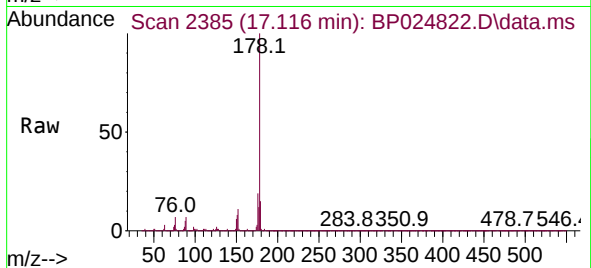
Tgt Ion:178 Resp: 1293521

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 46.397 ng

RT: 17.204 min Scan# 2400

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

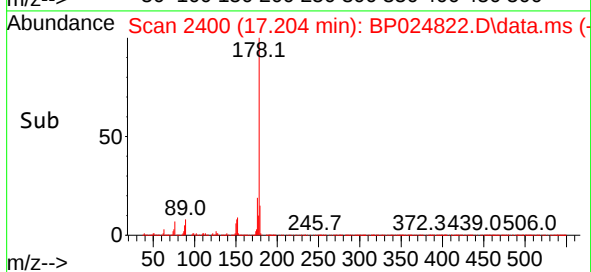
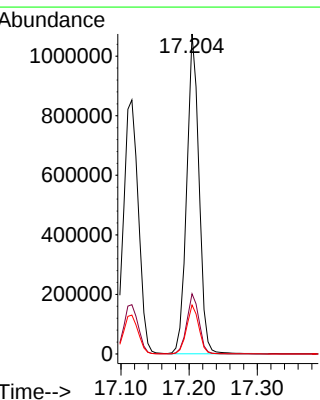
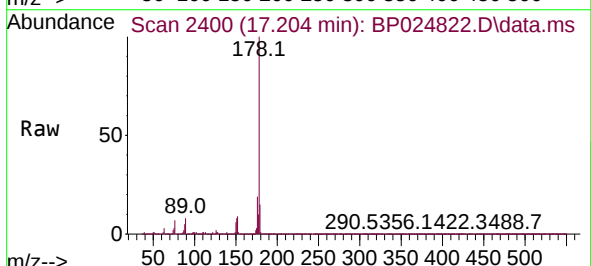
Tgt Ion:178 Resp: 1342149

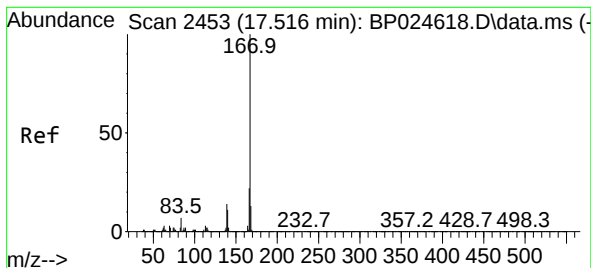
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.3 12.2 18.2





#73

Carbazole

Concen: 49.692 ng

RT: 17.492 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

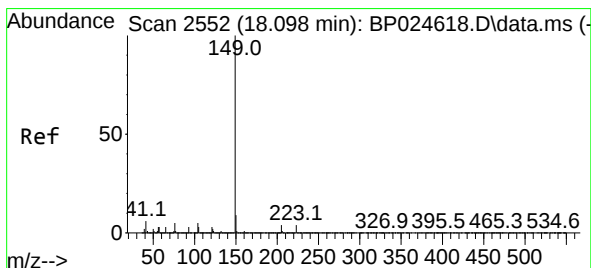
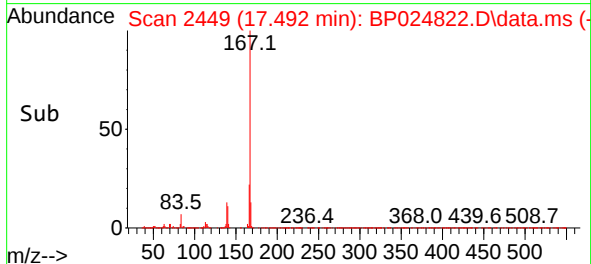
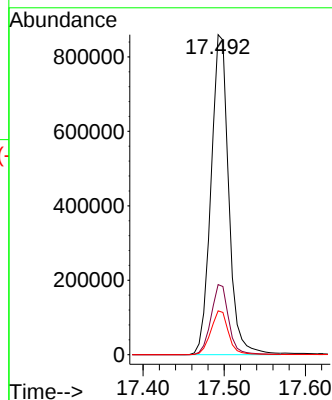
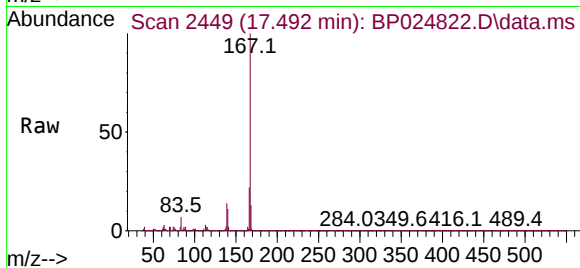
Tgt Ion:167 Resp: 1301049

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 13.7 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.556 ng

RT: 18.075 min Scan# 2548

Delta R.T. 0.012 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

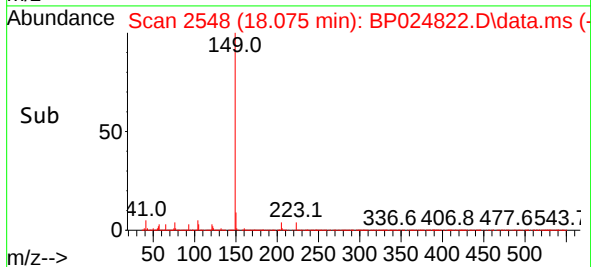
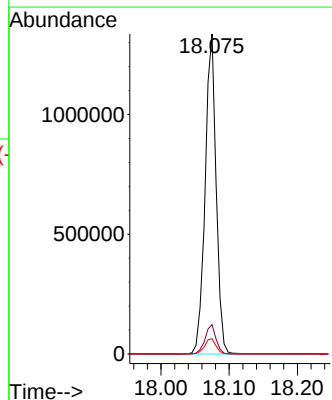
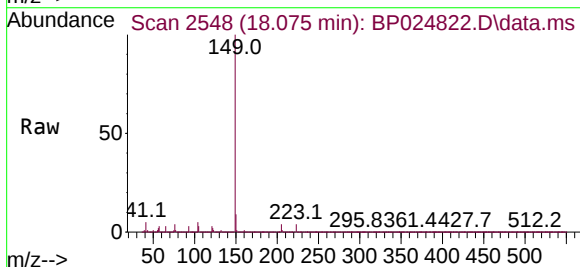
Tgt Ion:149 Resp: 1500300

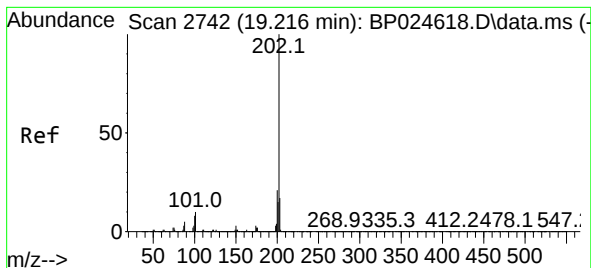
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 4.8 4.3 6.5





#75

Fluoranthene

Concen: 49.907 ng

RT: 19.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

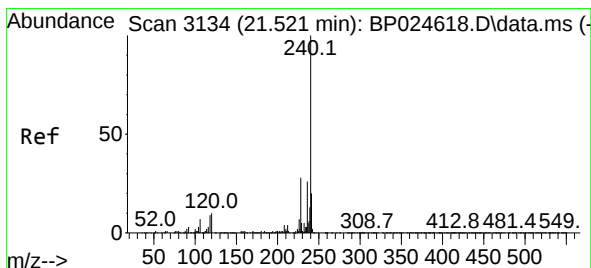
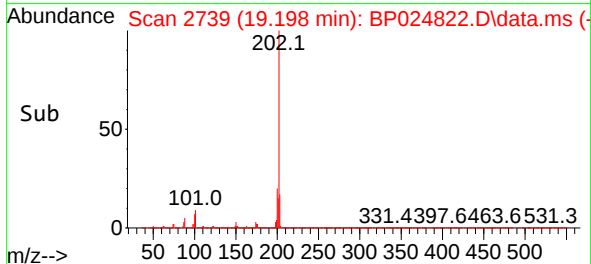
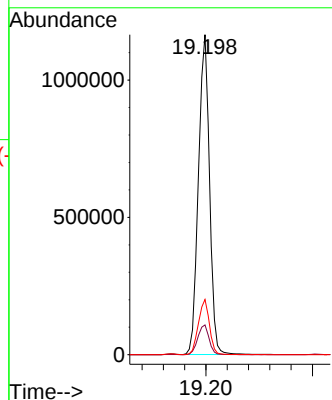
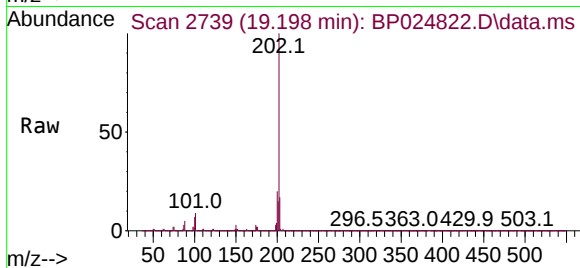
Tgt Ion:202 Resp: 1677324

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.3

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

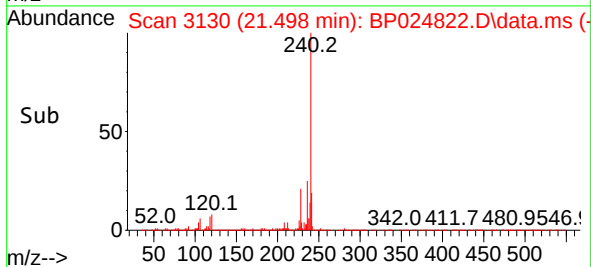
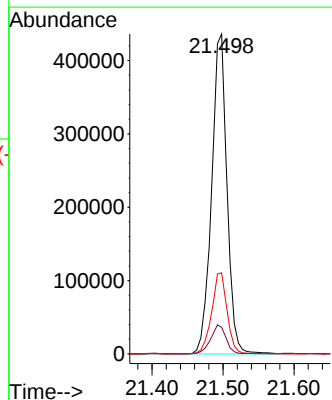
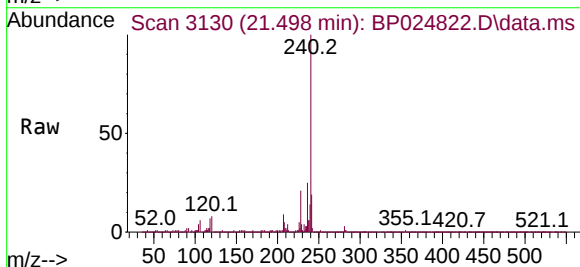
Tgt Ion:240 Resp: 654723

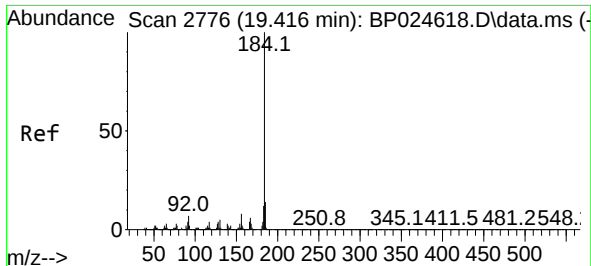
Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 25.4 20.6 31.0

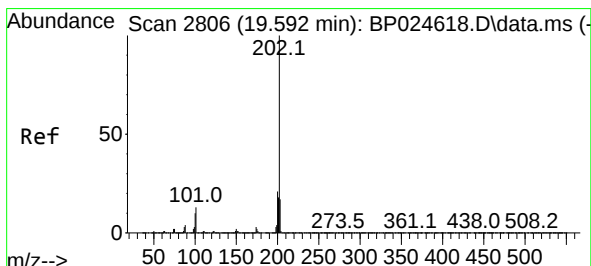
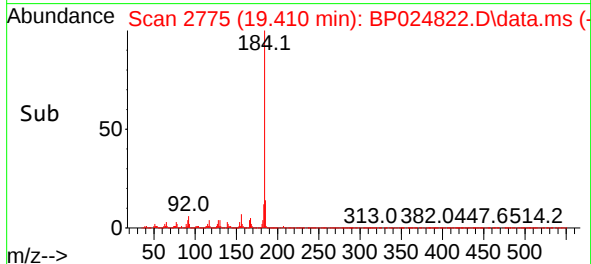
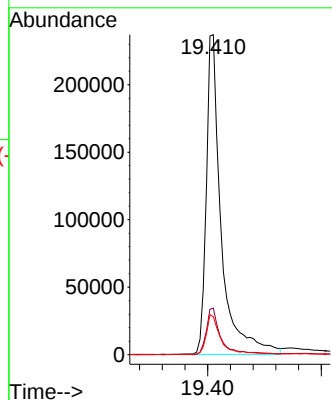
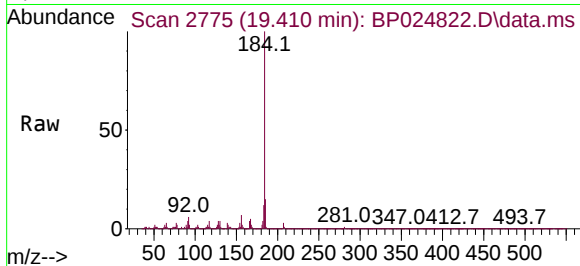




#77
Benzidine
Concen: 24.186 ng
RT: 19.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

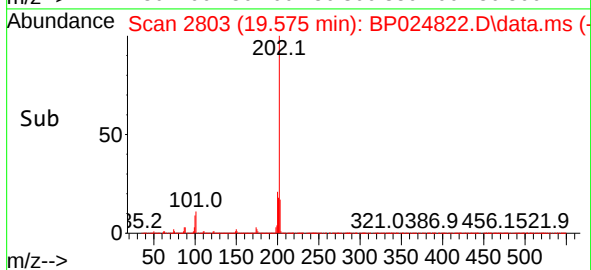
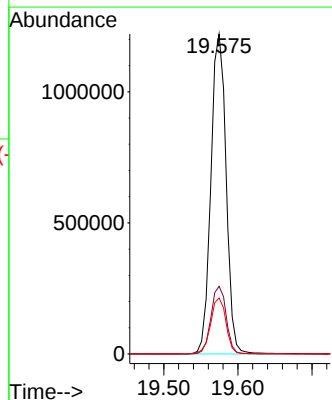
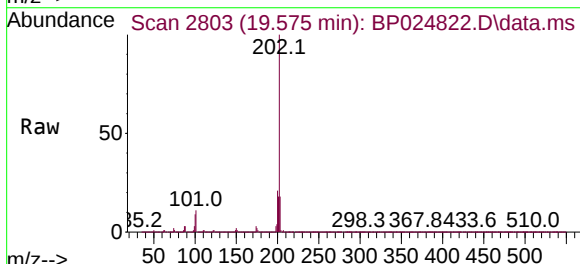
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

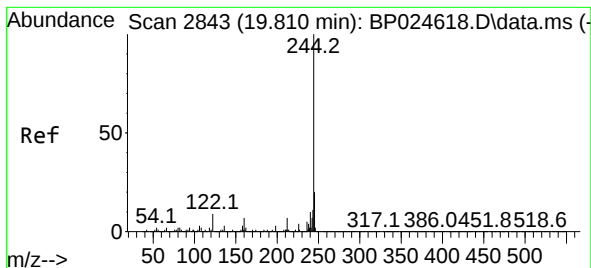
Tgt Ion:184 Resp: 431276
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 11.9 9.8 14.8



#78
Pyrene
Concen: 44.294 ng
RT: 19.575 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:202 Resp: 1737649
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 74.560 ng

RT: 19.792 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

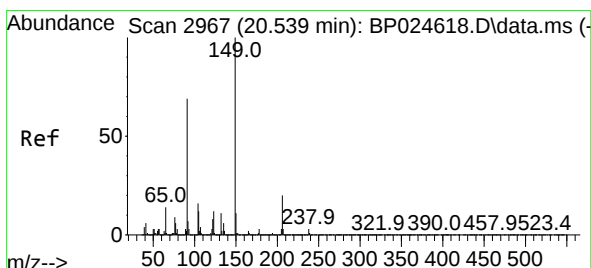
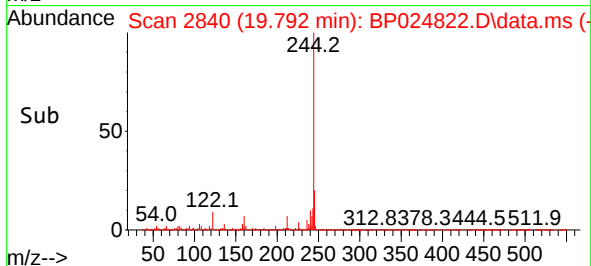
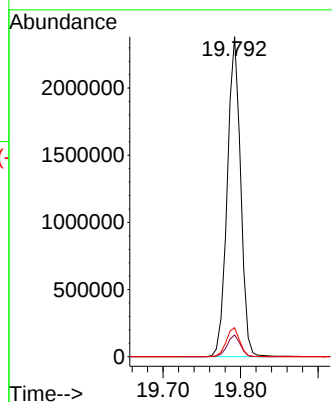
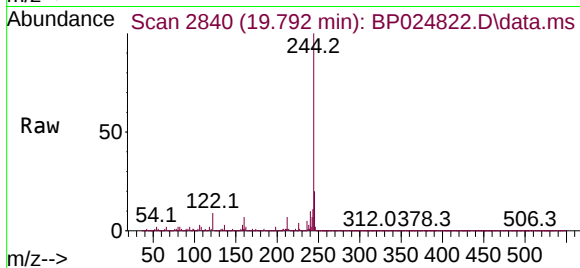
Tgt Ion:244 Resp: 2846946

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.0 7.4 11.0



#80

Butylbenzylphthalate

Concen: 43.087 ng

RT: 20.522 min Scan# 2964

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

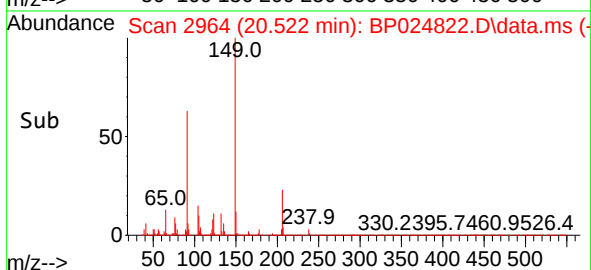
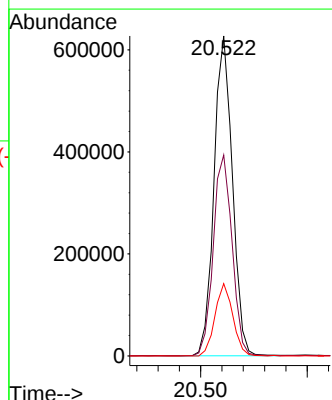
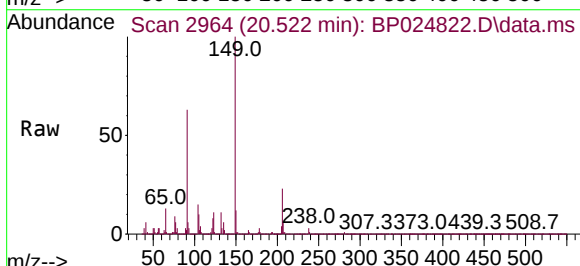
Tgt Ion:149 Resp: 751742

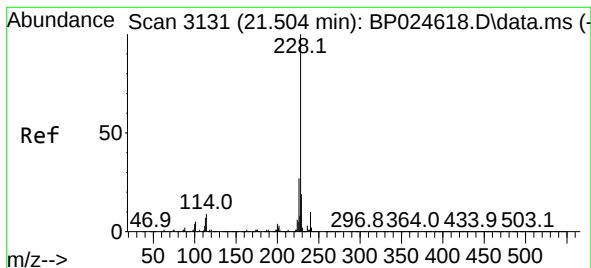
Ion Ratio Lower Upper

149 100

91 62.8 55.4 83.0

206 22.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.712 ng

RT: 21.475 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

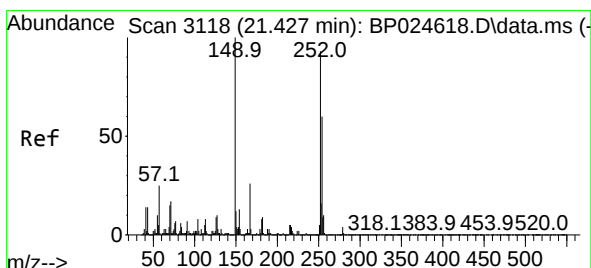
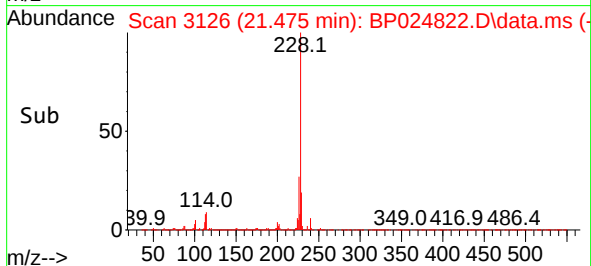
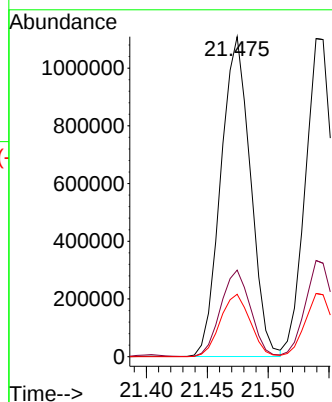
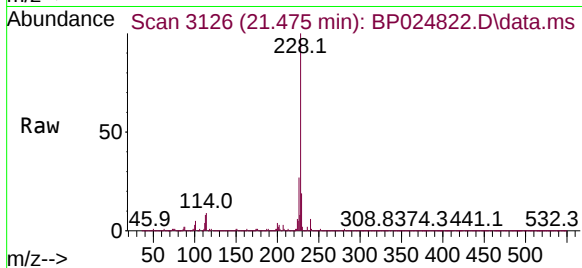
Tgt Ion:228 Resp: 1879279

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 43.046 ng

RT: 21.404 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

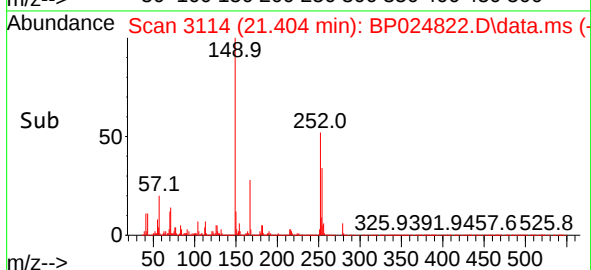
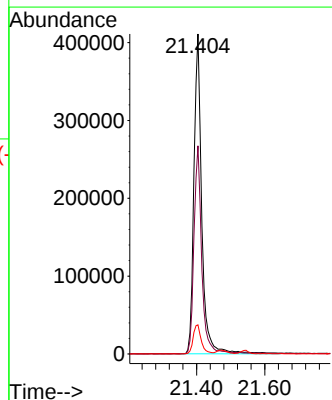
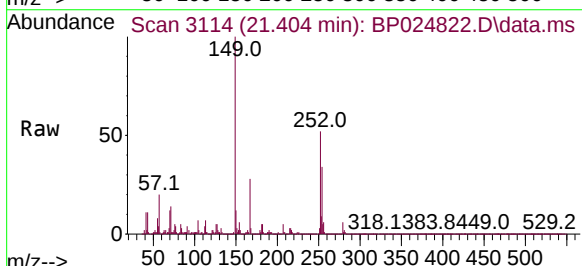
Tgt Ion:252 Resp: 657294

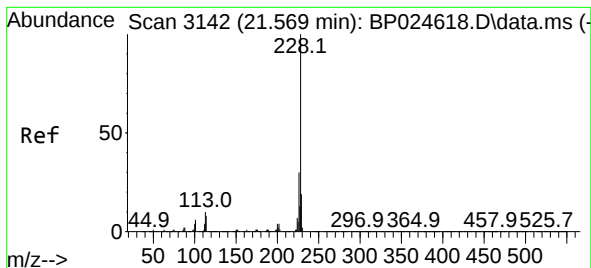
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 9.1 7.7 11.5





#83

Chrysene

Concen: 45.707 ng

RT: 21.539 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

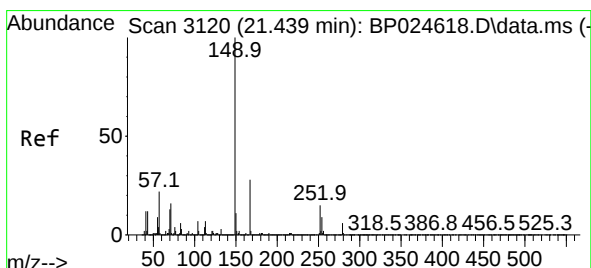
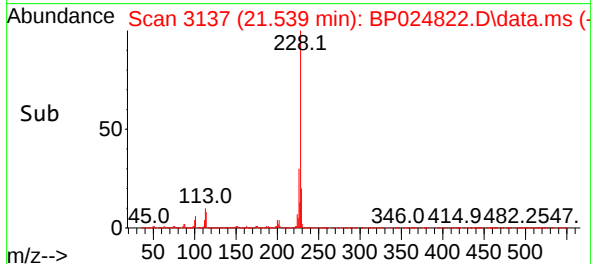
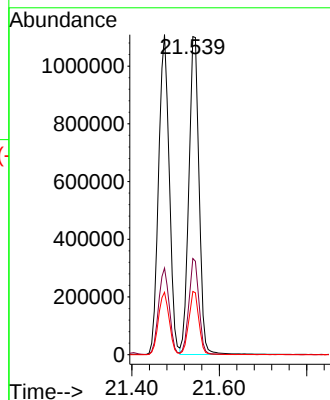
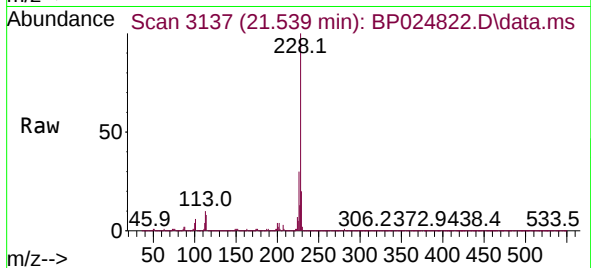
Tgt Ion:228 Resp: 1781249

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.281 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

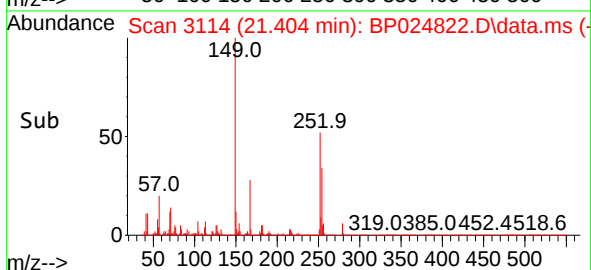
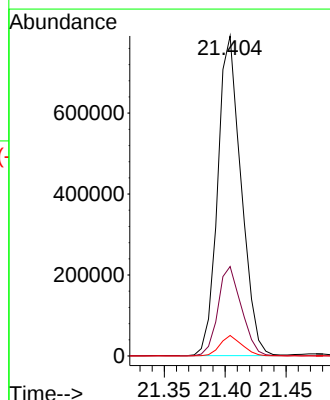
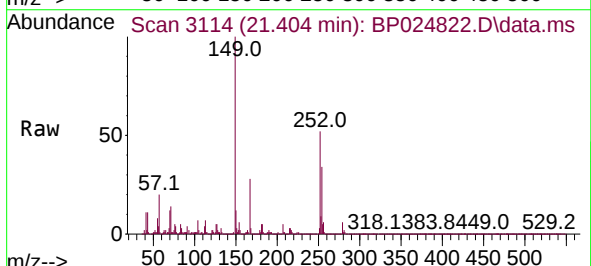
Tgt Ion:149 Resp: 1058617

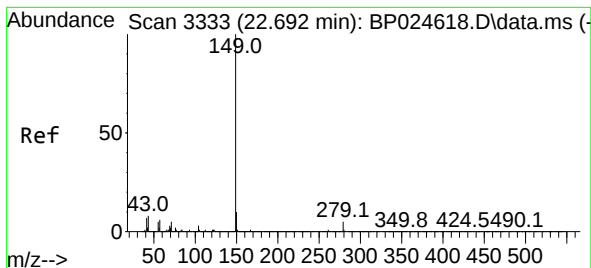
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 6.4 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 43.561 ng

RT: 22.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

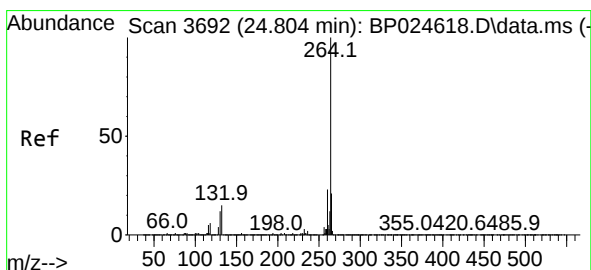
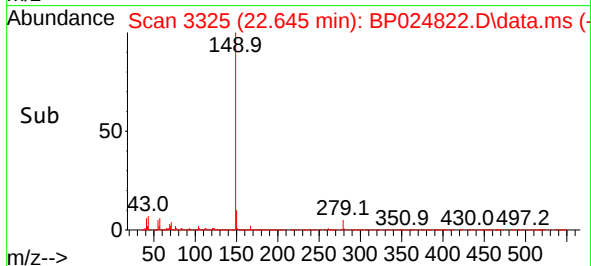
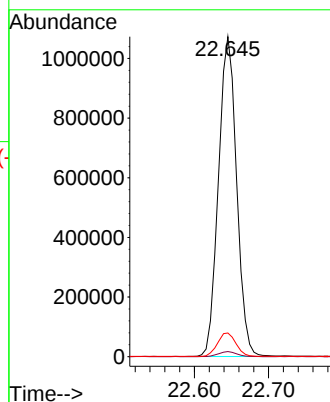
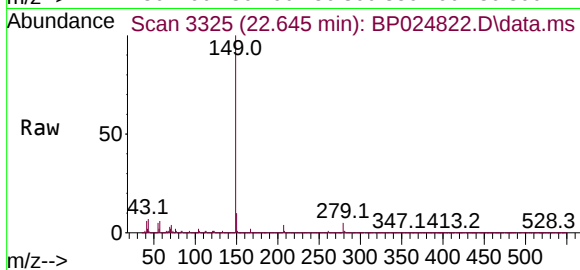
ClientSampleId :

TP-3MSD

Tgt Ion:149 Resp: 1826738

Ion Ratio Lower Upper

149	100		
167	1.6	1.2	1.8
43	7.5	6.3	9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 3685

Delta R.T. 0.018 min

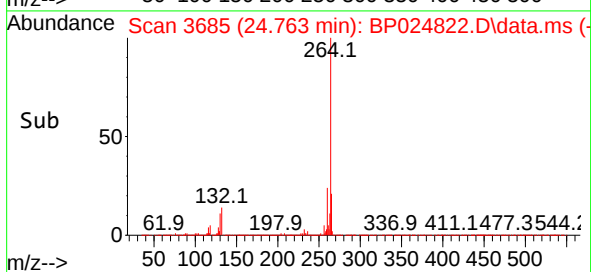
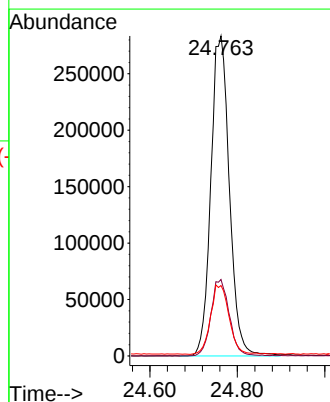
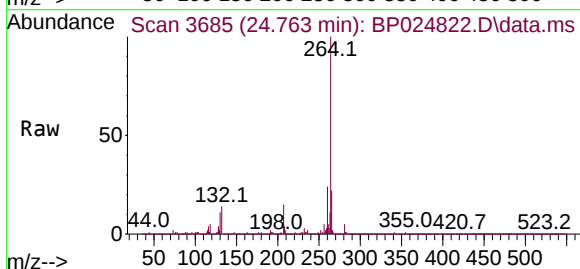
Lab File: BP024822.D

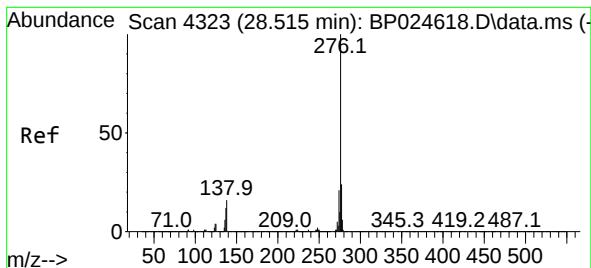
Acq: 28 May 2025 19:33

Tgt Ion:264 Resp: 836208

Ion Ratio Lower Upper

264	100		
260	23.9	18.7	28.1
265	22.0	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.183 ng

RT: 28.462 min Scan# 4314

Delta R.T. 0.024 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

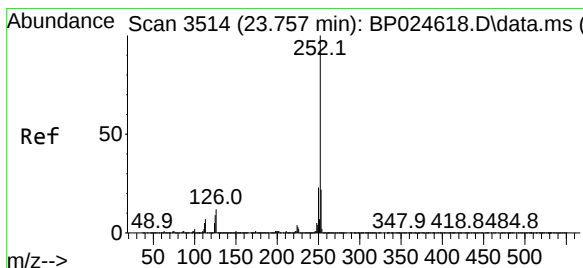
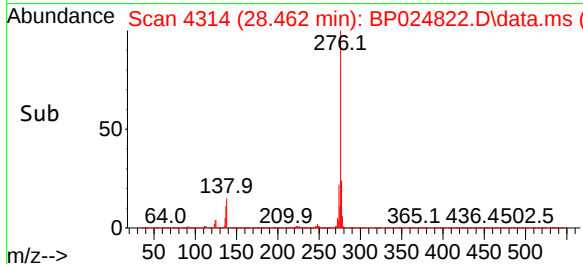
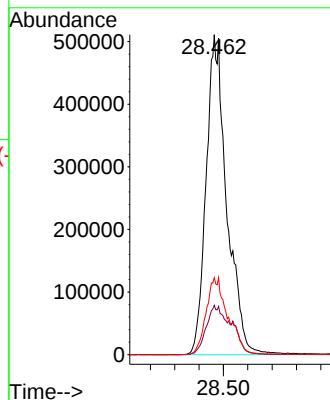
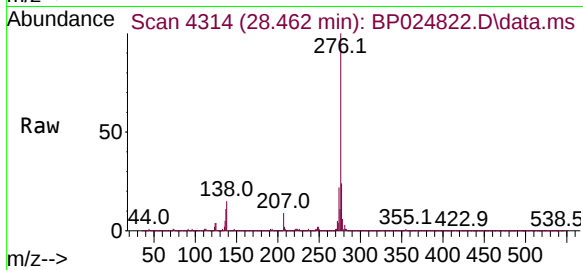
Tgt Ion:276 Resp: 3002524

Ion Ratio Lower Upper

276 100

138 15.0 11.2 16.8

277 25.6 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 45.255 ng

RT: 23.727 min Scan# 3509

Delta R.T. 0.006 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

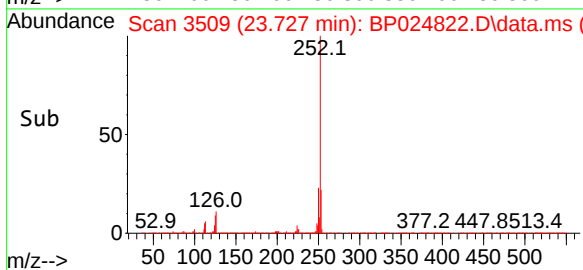
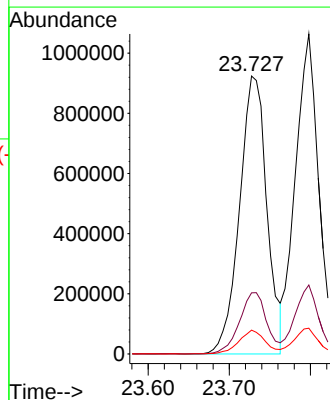
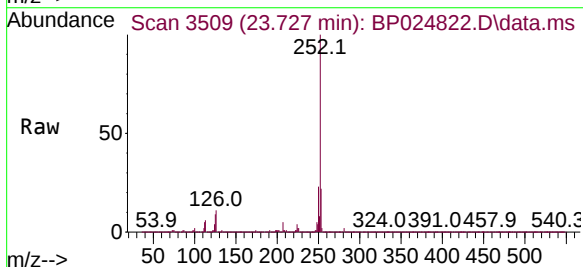
Tgt Ion:252 Resp: 2166063

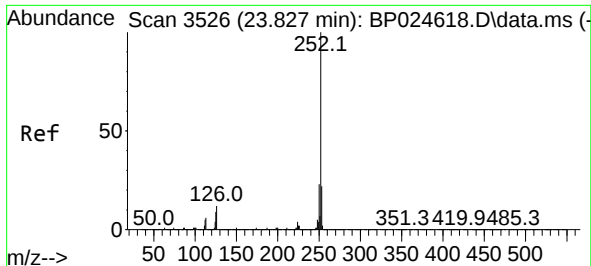
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.6 7.5 11.3

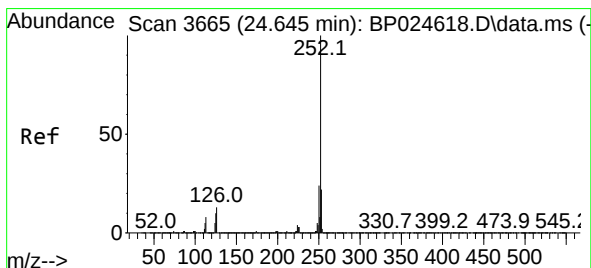
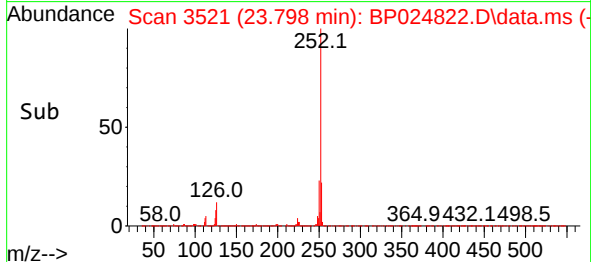
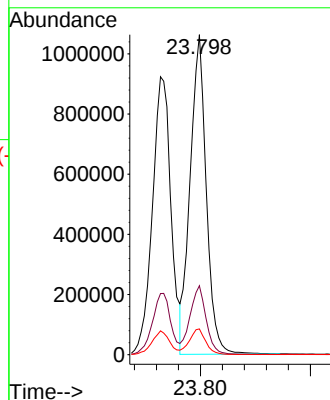
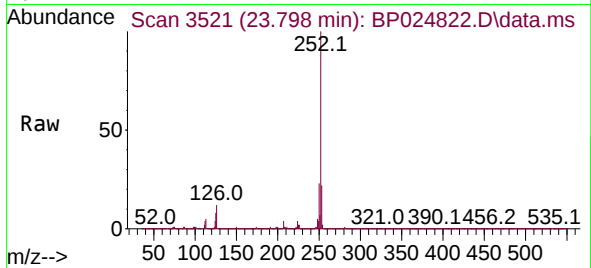




#89
Benzo(k)fluoranthene
Concen: 43.832 ng
RT: 23.798 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

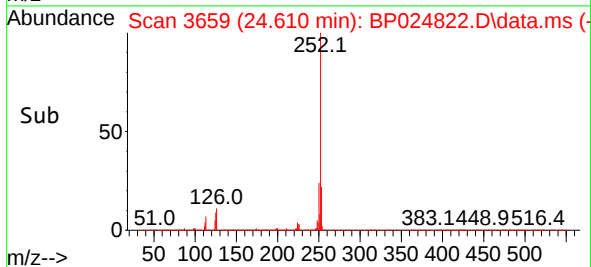
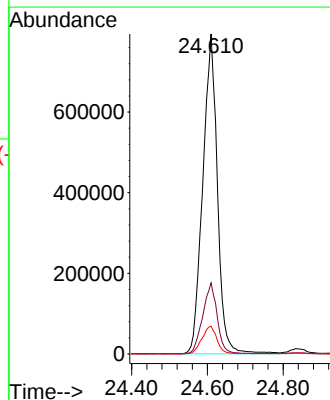
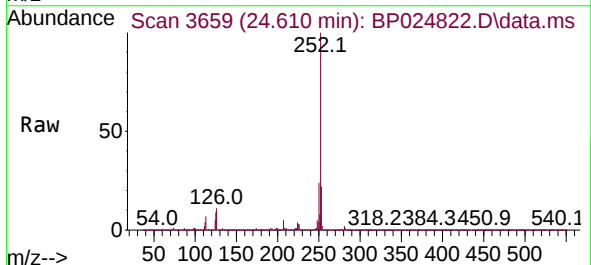
Instrument :
BNA_P
ClientSampleId :
TP-3MSD

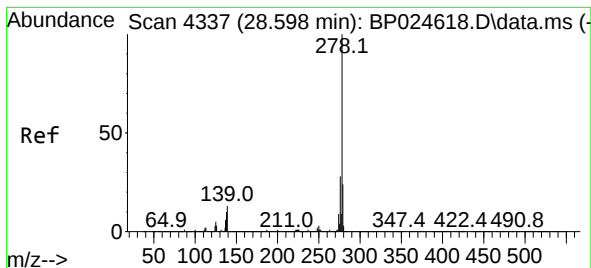
Tgt Ion:252 Resp: 2161793
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.1 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.195 ng
RT: 24.610 min Scan# 3659
Delta R.T. 0.012 min
Lab File: BP024822.D
Acq: 28 May 2025 19:33

Tgt Ion:252 Resp: 2123514
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.7 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 49.617 ng

RT: 28.539 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Instrument :

BNA_P

ClientSampleId :

TP-3MSD

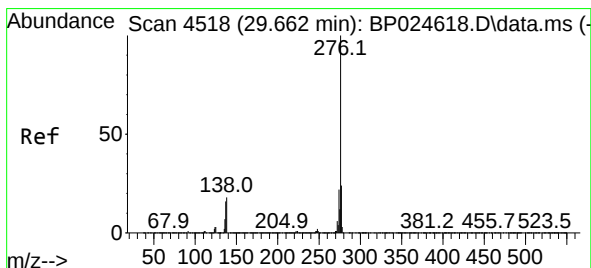
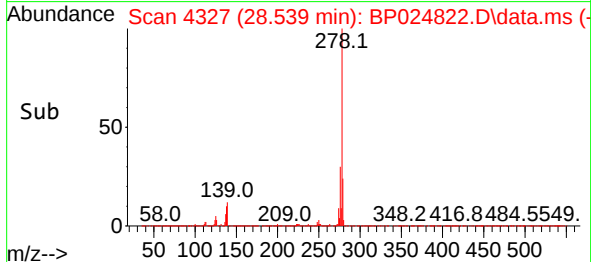
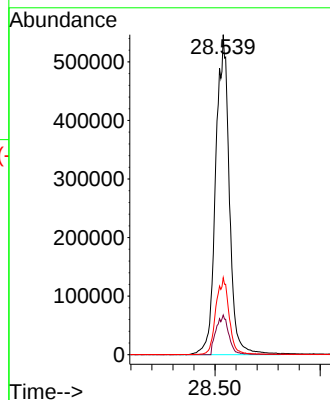
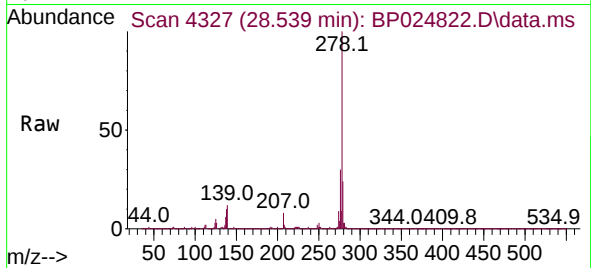
Tgt Ion:278 Resp: 2464192

Ion Ratio Lower Upper

278 100

139 12.4 10.2 15.4

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.659 ng

RT: 29.609 min Scan# 4509

Delta R.T. 0.018 min

Lab File: BP024822.D

Acq: 28 May 2025 19:33

Tgt Ion:276 Resp: 2403189

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 15.7 14.4 21.6

