

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024832.D
 Acq On : 29 May 2025 17:06
 Operator : RC/JU
 Sample : Q2136-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MS

Quant Time: May 29 17:34:16 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	7.640	152	106638	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	428047	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	263821	20.000	ng	0.00
64) Phenanthrene-d10	17.069	188	553172	20.000	ng	0.00
76) Chrysene-d12	21.498	240	684661	20.000	ng	0.00
86) Perylene-d12	24.774	264	867824	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	662672	106.286	ng	0.00
7) Phenol-d6	6.846	99	826922	103.920	ng	0.00
23) Nitrobenzene-d5	8.793	82	483725	57.099	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	549054	122.761	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1207390	59.958	ng	0.00
79) Terphenyl-d14	19.798	244	2213620	55.439	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	103674	35.412	ng	97
3) Pyridine	3.611	79	251503	38.742	ng	96
4) n-Nitrosodimethylamine	3.517	42	118102	41.209	ng	95
6) Aniline	6.987	93	269713	26.253	ng	99
8) 2-Chlorophenol	7.222	128	344022	48.606	ng	97
9) Benzaldehyde	6.799	77	168415	32.695	ng	95
10) Phenol	6.875	94	384657	46.836	ng	99
11) bis(2-Chloroethyl)ether	7.075	93	267927	39.701	ng	98
12) 1,3-Dichlorobenzene	7.534	146	355444	43.650	ng	98
13) 1,4-Dichlorobenzene	7.675	146	362264	44.232	ng	99
14) 1,2-Dichlorobenzene	7.987	146	346337	43.398	ng	99
15) Benzyl Alcohol	7.893	79	279667	46.250	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.158	45	312760	38.699	ng	98
17) 2-Methylphenol	8.099	107	270994	46.005	ng	97
18) Hexachloroethane	8.705	117	135099	43.046	ng	99
19) n-Nitroso-di-n-propyla...	8.446	70	211374	38.401	ng	97
20) 3+4-Methylphenols	8.428	107	368176	45.949	ng	98
22) Acetophenone	8.463	105	476440	44.559	ng	# 98
24) Nitrobenzene	8.834	77	314732	42.216	ng	94
25) Isophorone	9.358	82	602923	41.028	ng	97
26) 2-Nitrophenol	9.540	139	185680	50.827	ng	98
27) 2,4-Dimethylphenol	9.610	122	315518	48.986	ng	98
28) bis(2-Chloroethoxy)met...	9.834	93	364128	41.475	ng	97
29) 2,4-Dichlorophenol	10.087	162	319642	51.211	ng	97
30) 1,2,4-Trichlorobenzene	10.275	180	328671	46.729	ng	98
31) Naphthalene	10.463	128	1029300	46.403	ng	100
32) Benzoic acid	9.793	122	247598	54.096	ng	95
33) 4-Chloroaniline	10.587	127	135860	15.178	ng	98
34) Hexachlorobutadiene	10.740	225	214156	47.001	ng	98
35) Caprolactam	11.381	113	110430	48.901	ng	94
36) 4-Chloro-3-methylphenol	11.728	107	355647	46.724	ng	98
37) 2-Methylnaphthalene	12.075	142	654942	45.599	ng	98
38) 1-Methylnaphthalene	12.293	142	685541	44.608	ng	100
40) 1,2,4,5-Tetrachloroben...	12.452	216	374334	48.862	ng	100
41) Hexachlorocyclopentadiene	12.428	237	484333	104.261	ng	98
43) 2,4,6-Trichlorophenol	12.704	196	262863	52.974	ng	99

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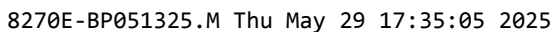
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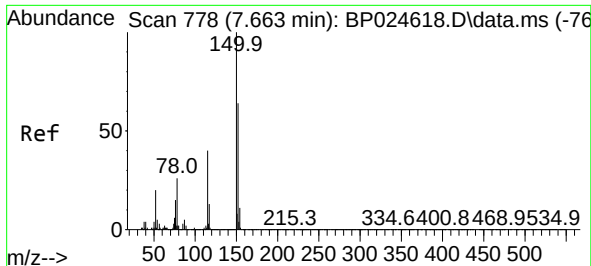
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	296292	53.642	ng	96
46) 1,1'-Biphenyl	13.099	154	934110	47.905	ng	99
47) 2-Chloronaphthalene	13.146	162	707871	47.611	ng	99
48) 2-Nitroaniline	13.363	65	201229	45.716	ng	93
49) Acenaphthylene	13.999	152	1154979	46.421	ng	100
50) Dimethylphthalate	13.734	163	927622	46.131	ng	99
51) 2,6-Dinitrotoluene	13.863	165	208483	49.092	ng	92
52) Acenaphthene	14.340	154	666669	46.609	ng	99
53) 3-Nitroaniline	14.204	138	113698	26.220	ng	98
54) 2,4-Dinitrophenol	14.422	184	277348	101.681	ng	95
55) Dibenzofuran	14.681	168	1067248	46.778	ng	98
56) 4-Nitrophenol	14.557	139	349178	92.323	ng	99
57) 2,4-Dinitrotoluene	14.663	165	300983	50.271	ng	94
58) Fluorene	15.340	166	885077	47.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.922	232	263787	51.482	ng	95
60) Diethylphthalate	15.122	149	1089303	53.597	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	444463	47.908	ng	99
62) 4-Nitroaniline	15.387	138	198742	47.466	ng	96
63) Azobenzene	15.640	77	844229	48.556	ng	96
65) 4,6-Dinitro-2-methylph...	15.445	198	182346	51.033	ng	97
66) n-Nitrosodiphenylamine	15.563	169	781249	45.979	ng	99
67) 4-Bromophenyl-phenylether	16.245	248	315651	48.426	ng	97
68) Hexachlorobenzene	16.369	284	400108	48.307	ng	96
69) Atrazine	16.540	200	309787	49.750	ng	99
70) Pentachlorophenol	16.728	266	549732	118.236	ng	98
71) Phenanthrene	17.116	178	1420535	46.194	ng	100
72) Anthracene	17.210	178	1454387	47.007	ng	100
73) Carbazole	17.498	167	1388373	49.579	ng	99
74) Di-n-butylphthalate	18.075	149	1809105	50.232	ng	99
75) Fluoranthene	19.204	202	1767296	49.164	ng	98
77) Benzidine	19.410	184	805732	43.209	ng	99
78) Pyrene	19.575	202	1812106	44.173	ng	100
80) Butylbenzylphthalate	20.528	149	890930	48.832	ng	95
81) Benzo(a)anthracene	21.480	228	2025866	47.123	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	526513	32.974	ng	100
83) Chrysene	21.551	228	1892045	46.427	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1286026	47.956	ng	99
85) Di-n-octyl phthalate	22.657	149	2337510	53.304	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	3101035	48.946	ng	# 90
88) Benzo(b)fluoranthene	23.745	252	2261286	45.524	ng	99
89) Benzo(k)fluoranthene	23.816	252	2302951	44.993	ng	99
90) Benzo(a)pyrene	24.627	252	2216822	46.468	ng	99
91) Dibenzo(a,h)anthracene	28.557	278	2547397	49.423	ng	99
92) Benzo(g,h,i)perylene	29.639	276	2469404	48.178	ng	97

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

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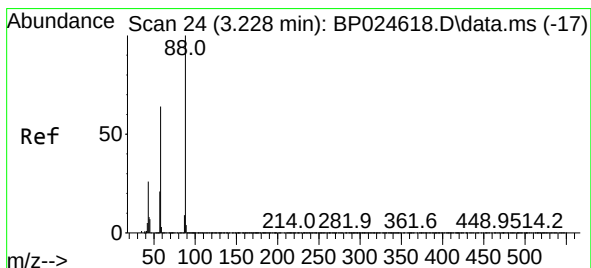
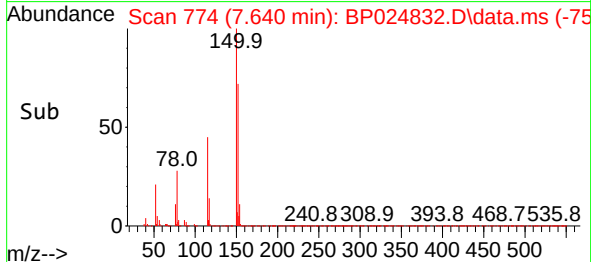
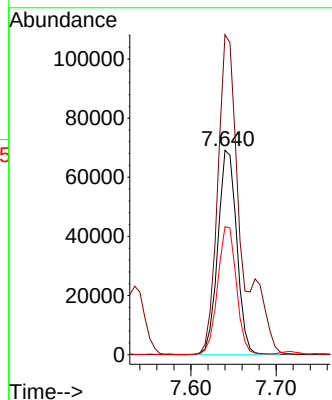
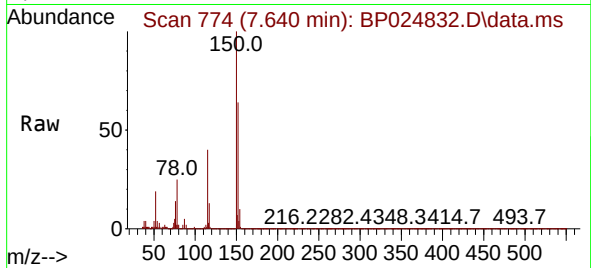




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.640 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024832.D
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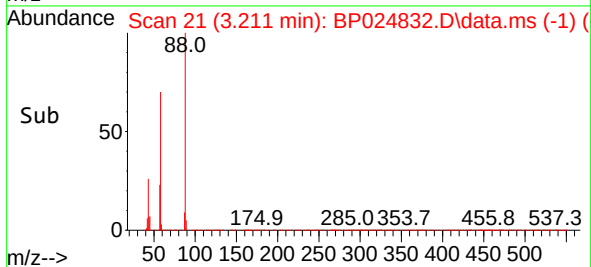
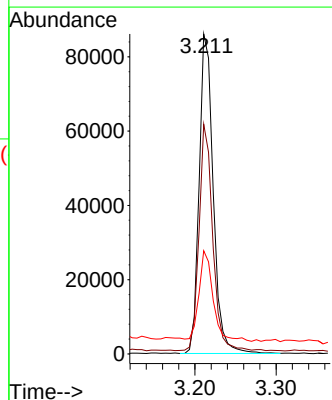
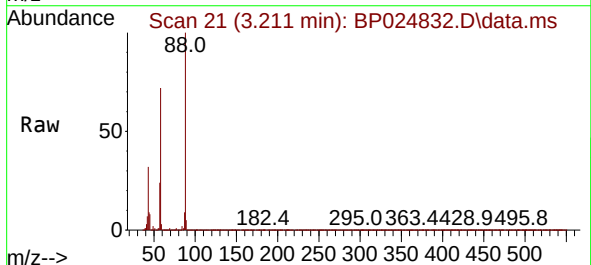
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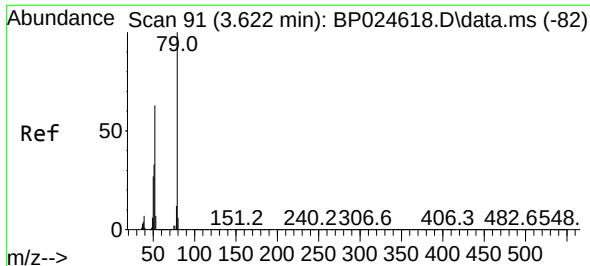
Tgt Ion:152 Resp: 106638
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 62.6 50.1 75.1



#2
1,4-Dioxane
Concen: 35.412 ng
RT: 3.211 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 88 Resp: 103674
Ion Ratio Lower Upper
88 100
58 69.6 54.0 81.0
43 28.7 21.4 32.0

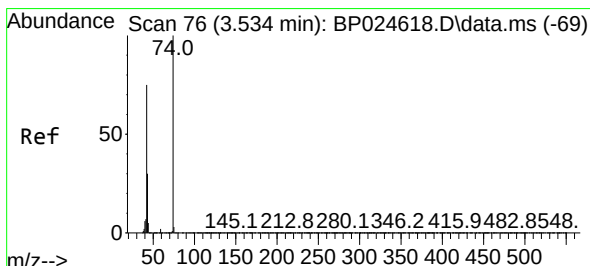
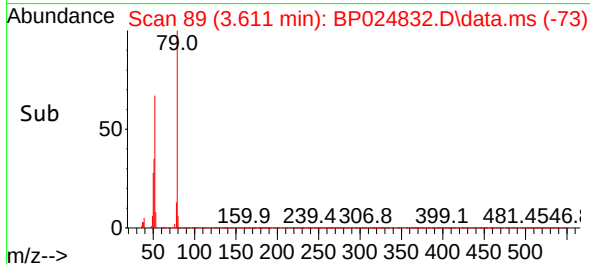
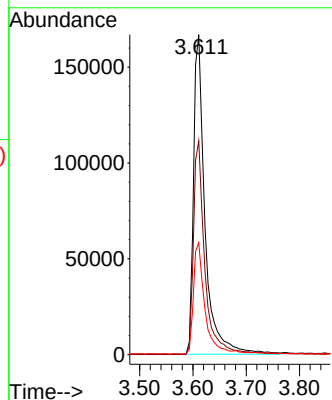
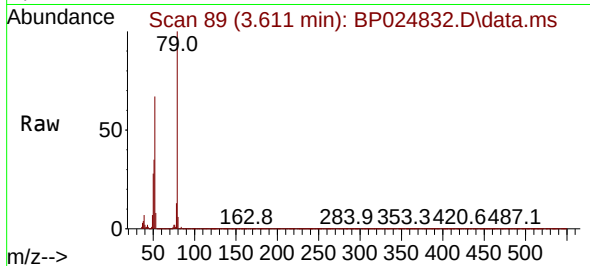




#3
Pyridine
Concen: 38.742 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

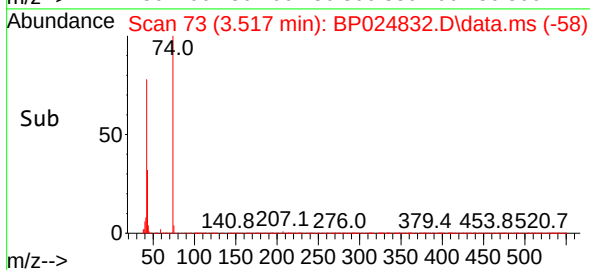
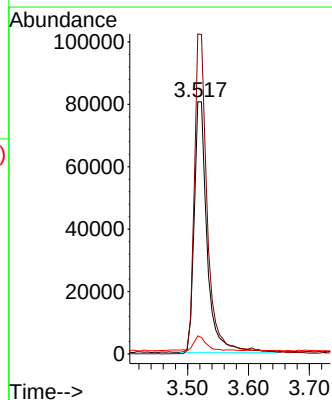
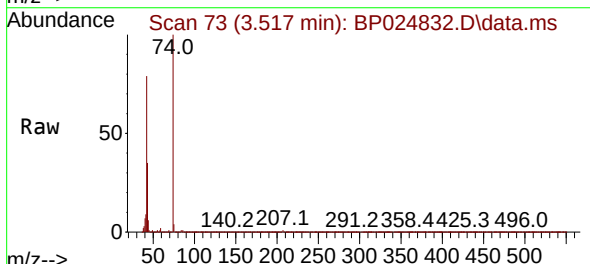
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ClientSampleId :
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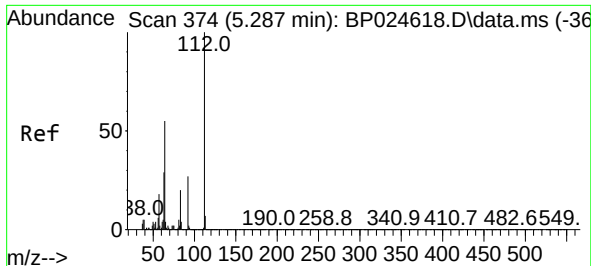
Tgt Ion: 79 Resp: 251503
Ion Ratio Lower Upper
79 100
52 66.8 50.2 75.2
51 35.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 41.209 ng
RT: 3.517 min Scan# 73
Delta R.T. -0.011 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 42 Resp: 118102
Ion Ratio Lower Upper
42 100
74 126.9 106.2 159.2
44 7.2 5.4 8.2

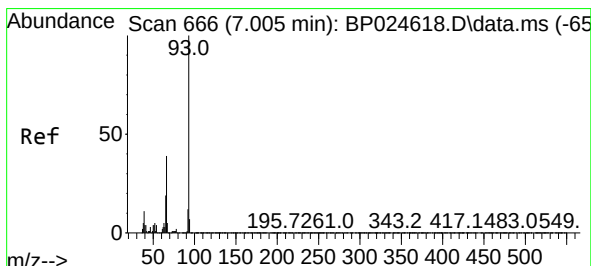
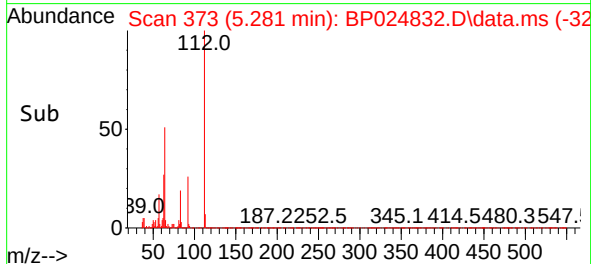
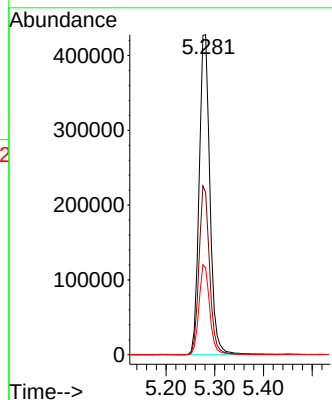
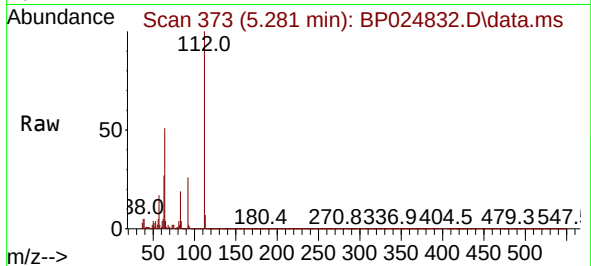




#5
2-Fluorophenol
Concen: 106.286 ng
RT: 5.281 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

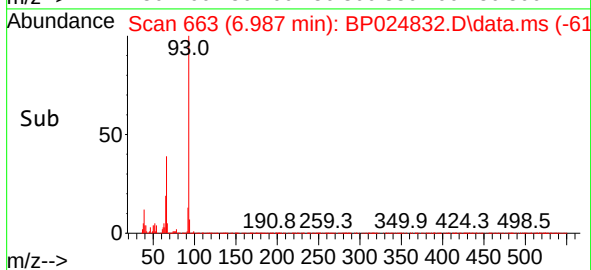
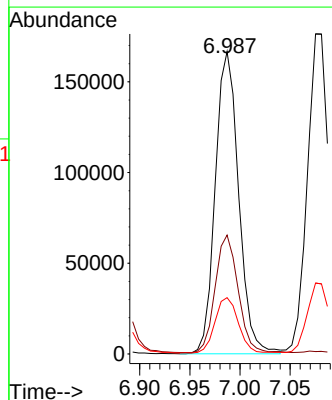
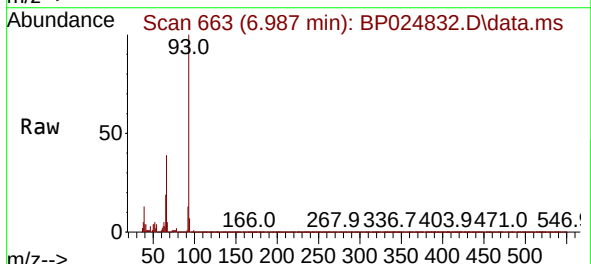
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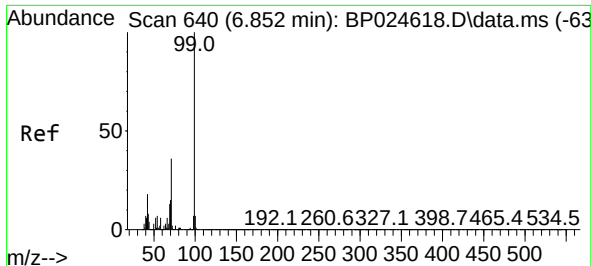
Tgt Ion:112 Resp: 662672
Ion Ratio Lower Upper
112 100
64 50.7 44.1 66.1
63 27.1 23.5 35.3



#6
Aniline
Concen: 26.253 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 93 Resp: 269713
Ion Ratio Lower Upper
93 100
66 39.3 31.0 46.6
65 18.6 15.5 23.3

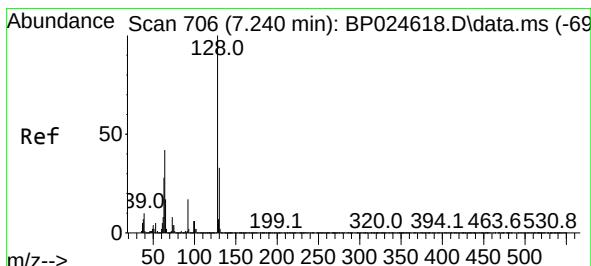
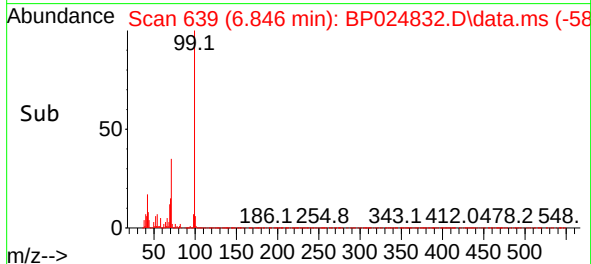
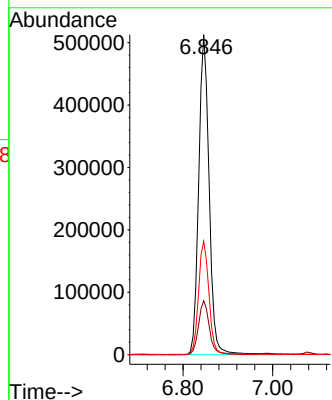
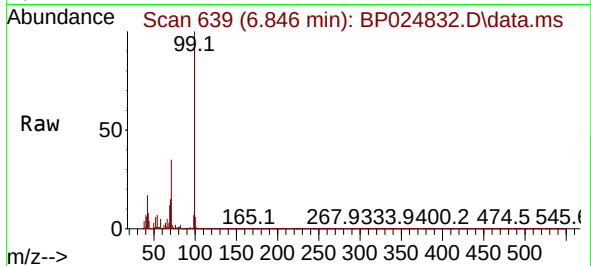




#7
Phenol-d6
Concen: 103.920 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

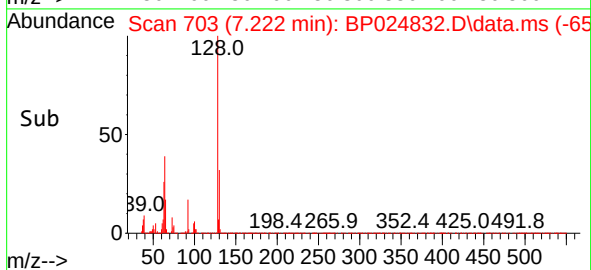
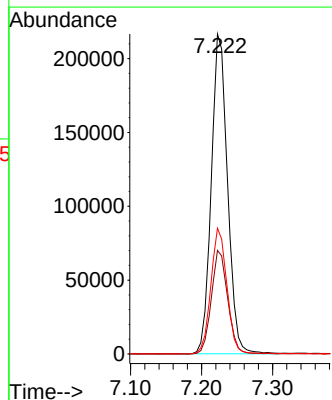
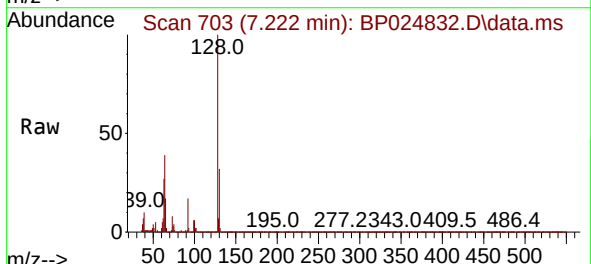
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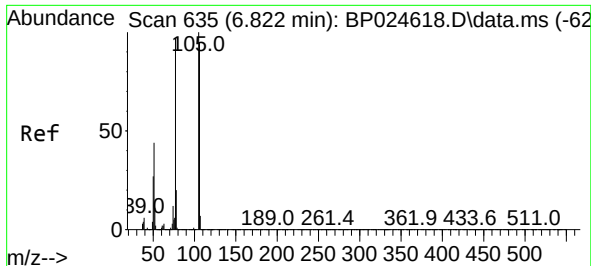
Tgt Ion: 99 Resp: 826922
Ion Ratio Lower Upper
99 100
42 16.9 14.4 21.6
71 35.5 29.2 43.8



#8
2-Chlorophenol
Concen: 48.606 ng
RT: 7.222 min Scan# 703
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:128 Resp: 344022
Ion Ratio Lower Upper
128 100
130 32.4 13.0 53.0
64 39.3 22.3 62.3

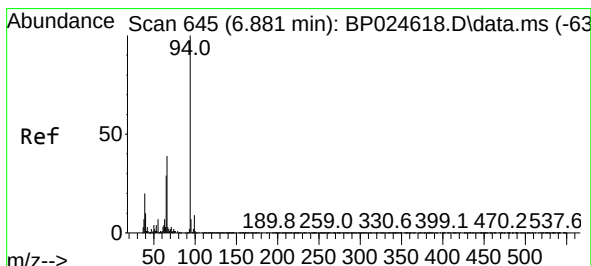
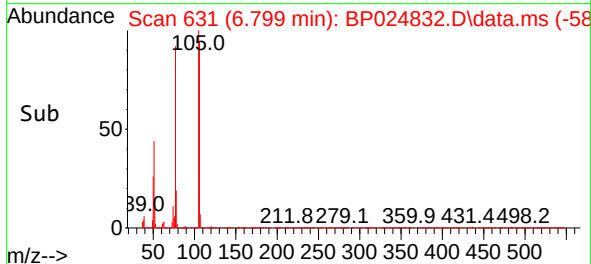
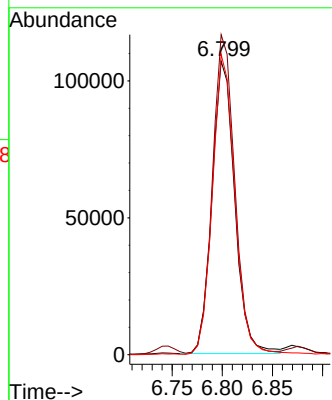
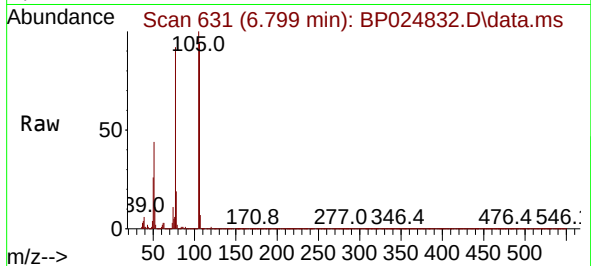




#9
Benzaldehyde
Concen: 32.695 ng
RT: 6.799 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

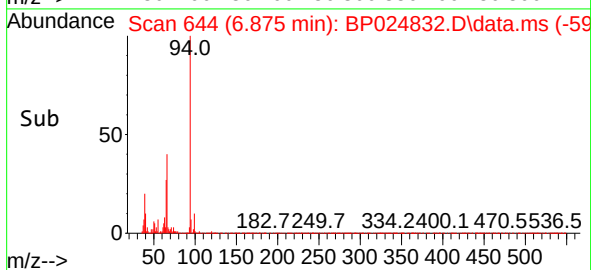
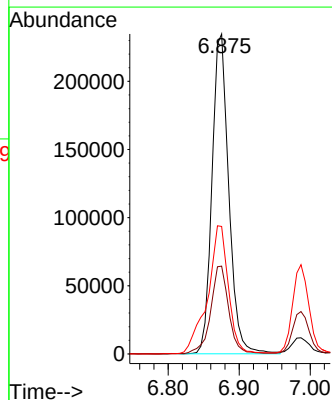
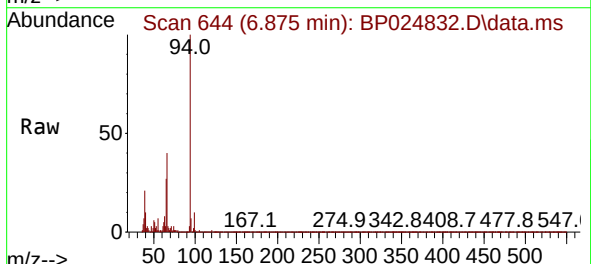
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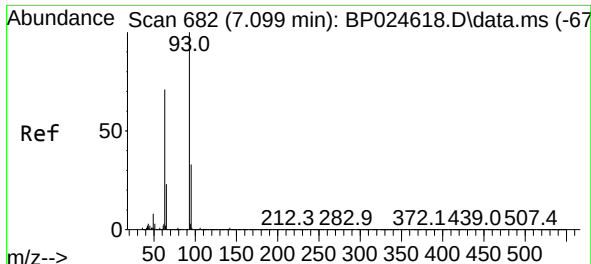
Tgt Ion: 77 Resp: 168415
Ion Ratio Lower Upper
77 100
105 109.0 83.3 123.3
106 102.3 78.0 118.0



#10
Phenol
Concen: 46.836 ng
RT: 6.875 min Scan# 644
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 94 Resp: 384657
Ion Ratio Lower Upper
94 100
65 27.5 8.7 48.7
66 39.8 19.4 59.4

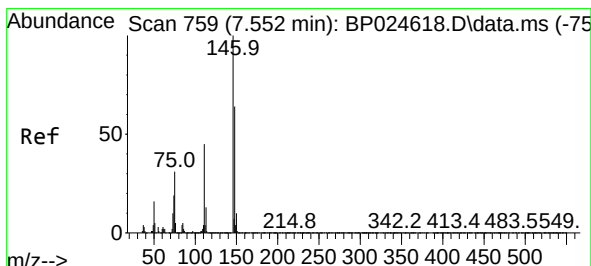
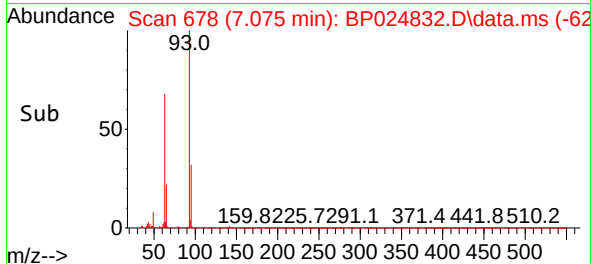
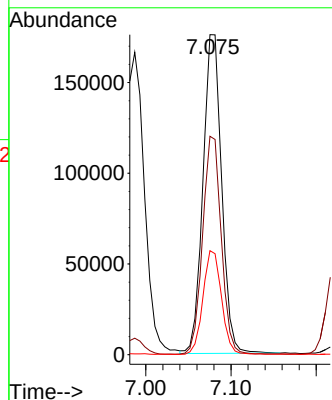
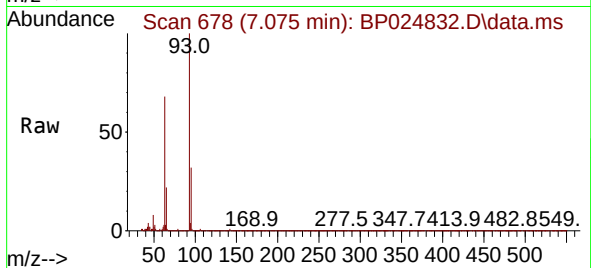




#11
bis(2-Chloroethyl)ether
Concen: 39.701 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

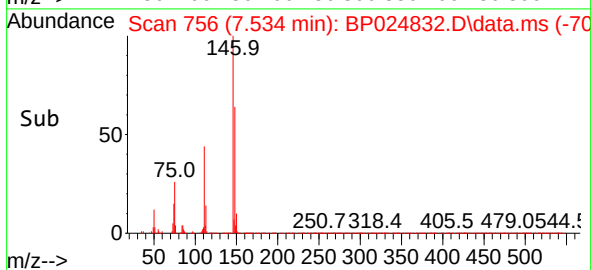
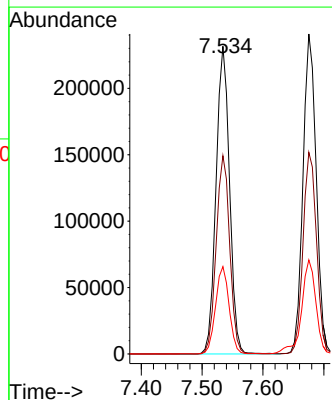
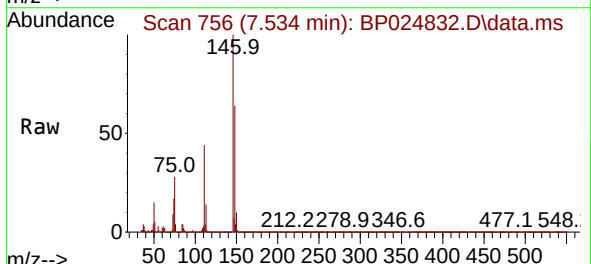
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

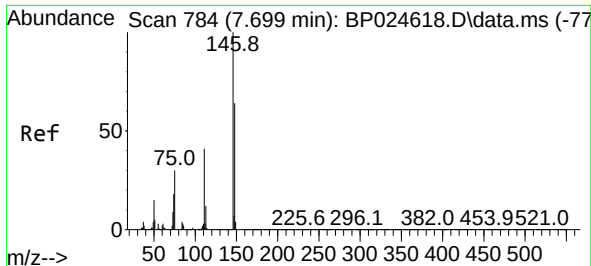
Tgt Ion: 93 Resp: 267927
Ion Ratio Lower Upper
93 100
63 68.2 50.6 90.6
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.650 ng
RT: 7.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:146 Resp: 355444
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
75 28.4 25.2 37.8

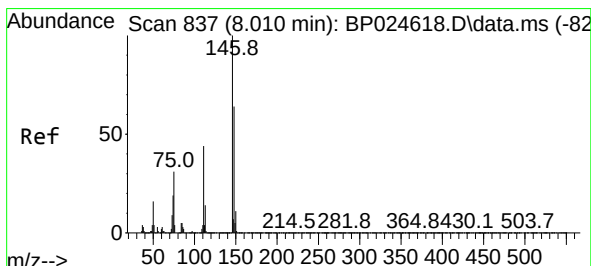
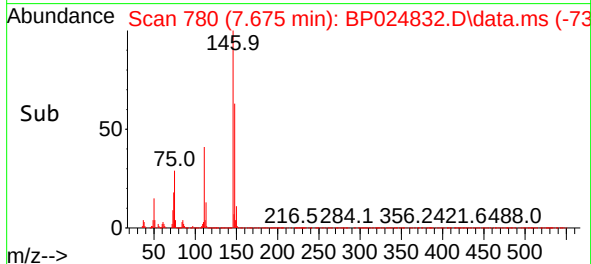
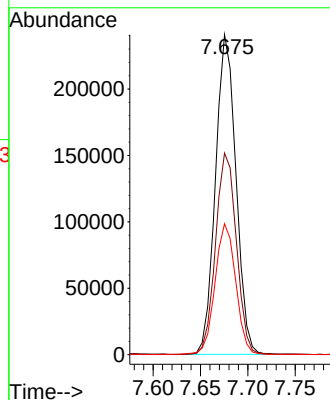
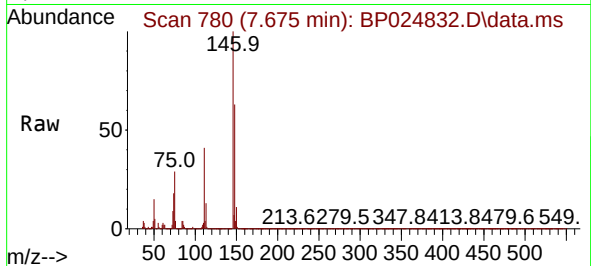




#13
1,4-Dichlorobenzene
Concen: 44.232 ng
RT: 7.675 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

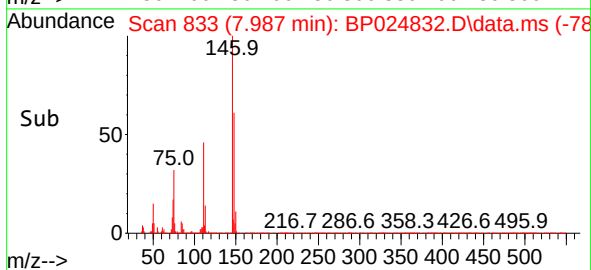
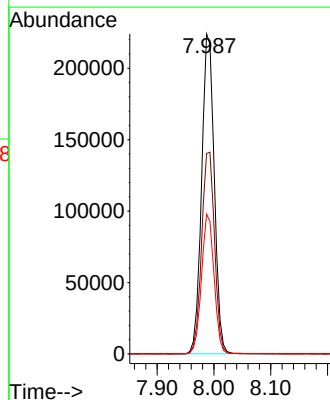
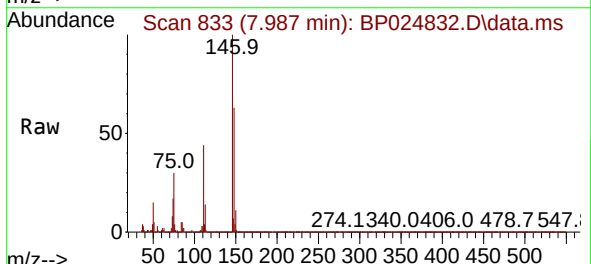
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

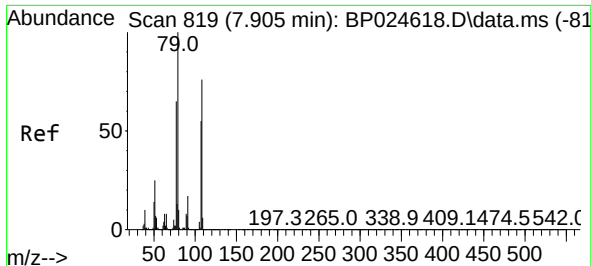
Tgt Ion:146 Resp: 362264
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 40.9 33.0 49.6



#14
1,2-Dichlorobenzene
Concen: 43.398 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:146 Resp: 346337
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.4
111 43.7 35.2 52.8

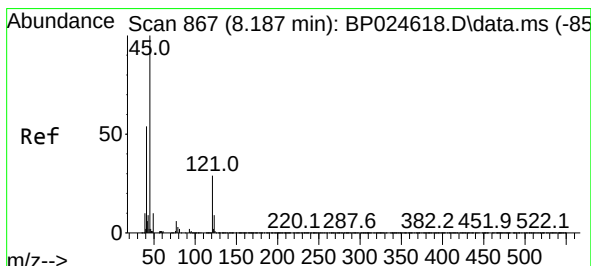
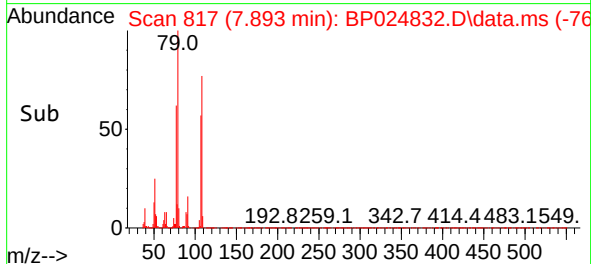
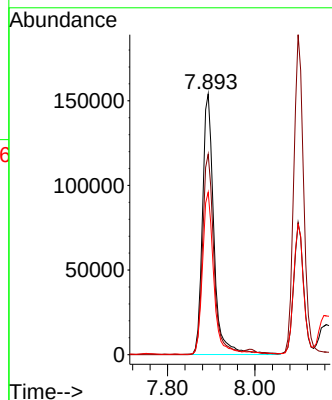
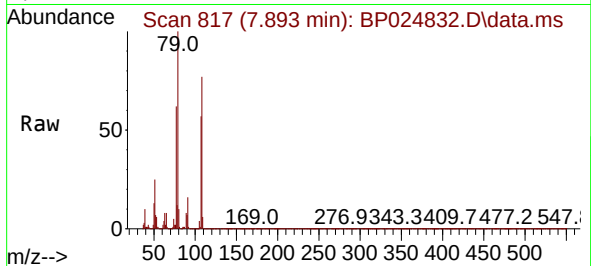




#15
Benzyl Alcohol
Concen: 46.250 ng
RT: 7.893 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

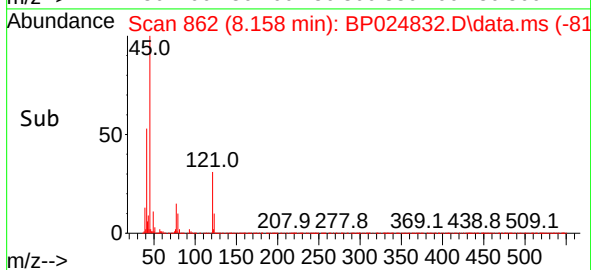
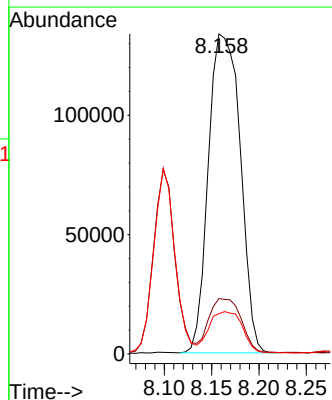
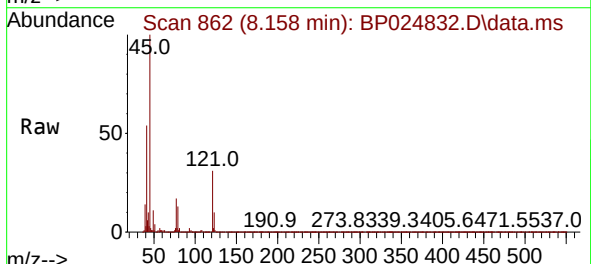
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

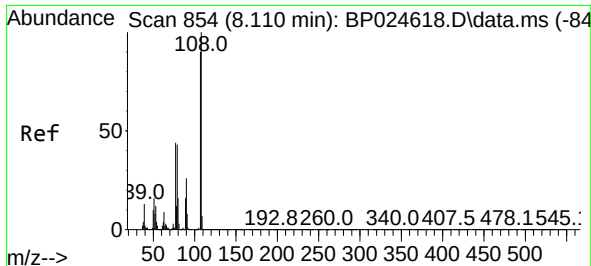
Tgt Ion: 79 Resp: 279667
Ion Ratio Lower Upper
79 100
108 76.9 60.8 91.2
77 62.3 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.699 ng
RT: 8.158 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 45 Resp: 312760
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.7
79 12.6 0.0 34.0

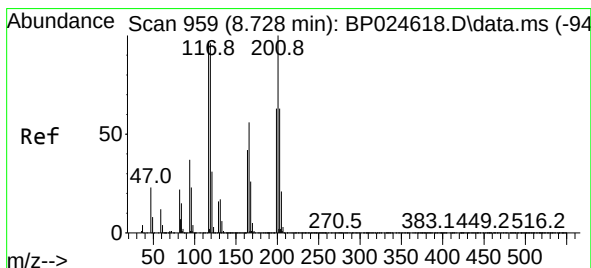
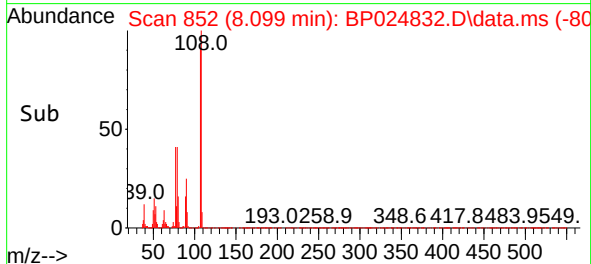
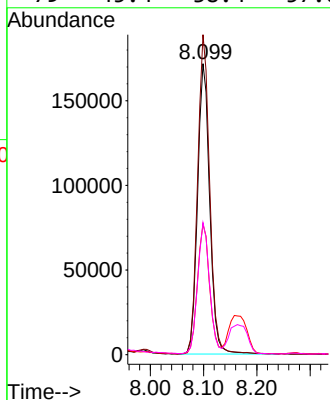
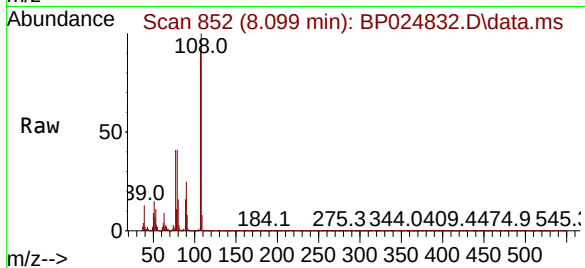




#17
2-Methylphenol
Concen: 46.005 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

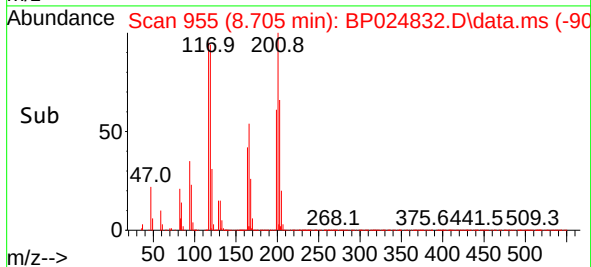
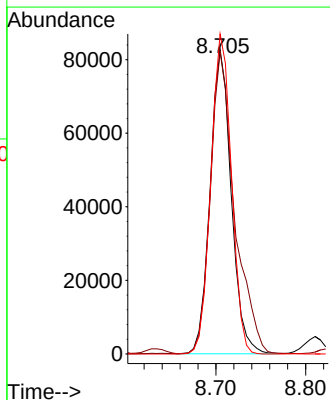
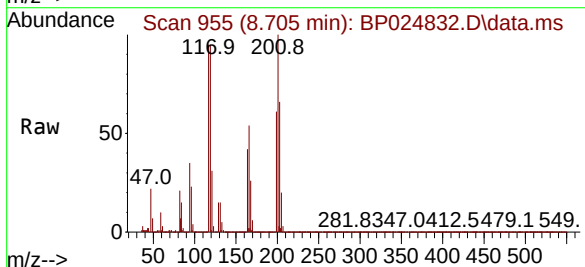
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

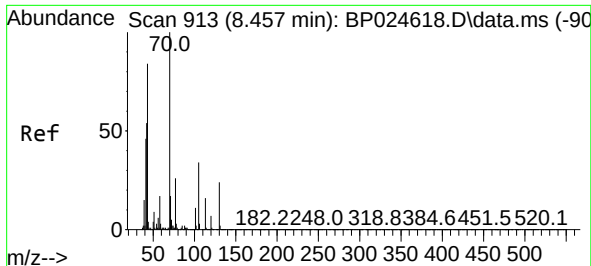
Tgt Ion:	107	Resp:	270994
Ion	Ratio	Lower	Upper
107	100		
108	110.0	88.9	133.3
77	44.9	39.0	58.6
79	45.4	38.4	57.6



#18
Hexachloroethane
Concen: 43.046 ng
RT: 8.705 min Scan# 955
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:	117	Resp:	135099
Ion	Ratio	Lower	Upper
117	100		
119	99.4	79.4	119.0
201	105.2	82.7	124.1



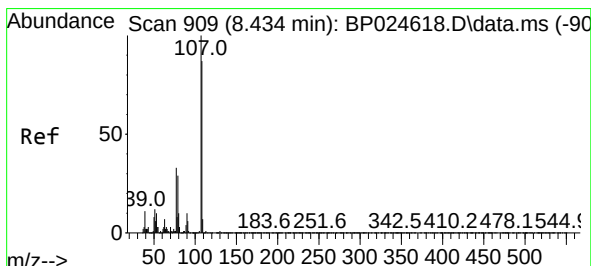
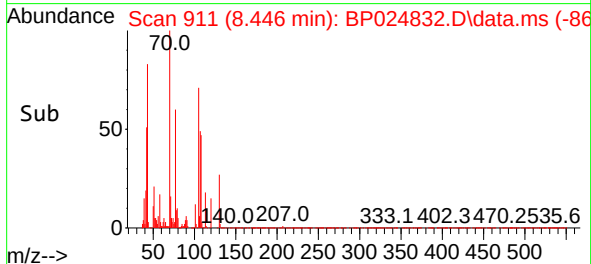
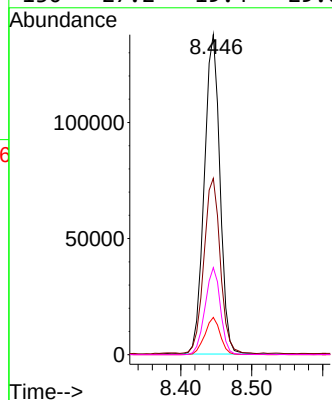
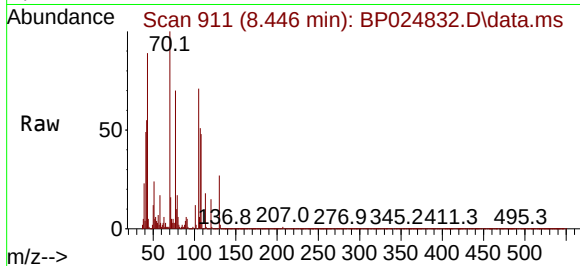


#19
n-Nitroso-di-n-propylamine
Concen: 38.401 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

Tgt Ion: 70 Resp: 211374

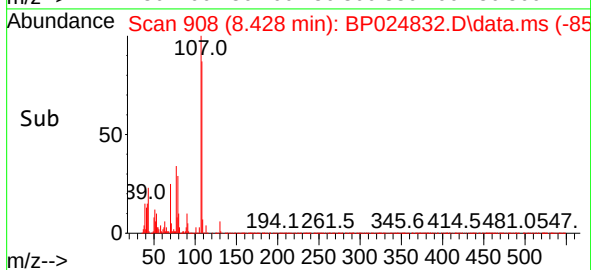
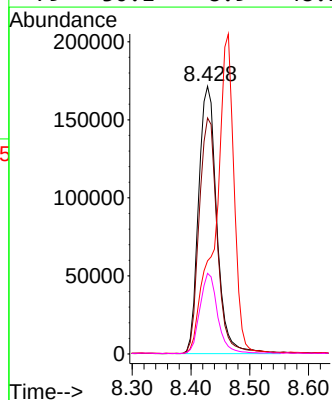
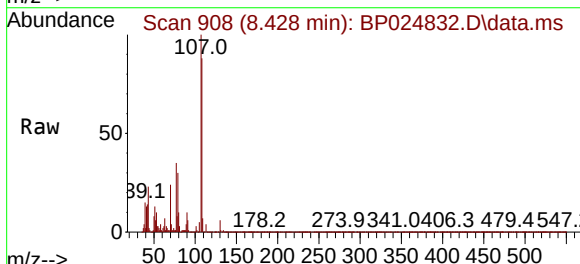
Ion	Ratio	Lower	Upper
70	100		
42	55.1	43.0	64.6
101	11.7	8.7	13.1
130	27.2	19.4	29.0

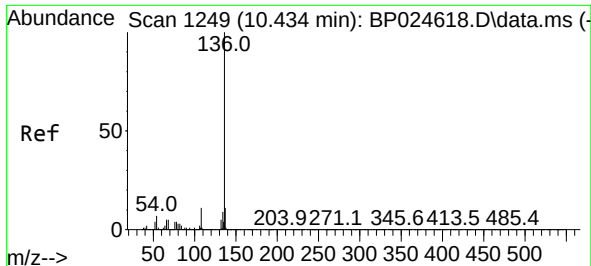


#20
3+4-Methylphenols
Concen: 45.949 ng
RT: 8.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 107 Resp: 368176

Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.7	106.7
77	34.8	13.1	53.1
79	30.1	8.9	48.9

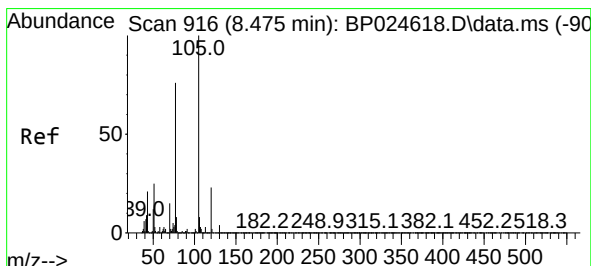
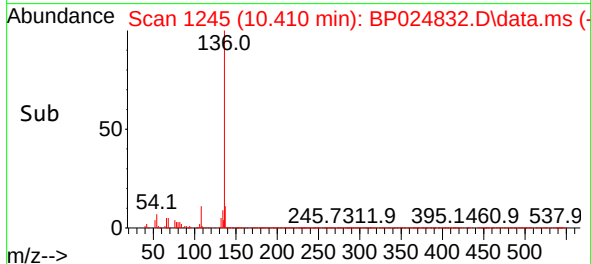
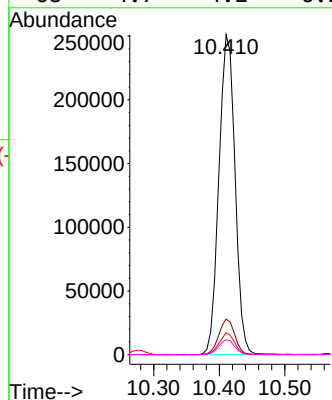
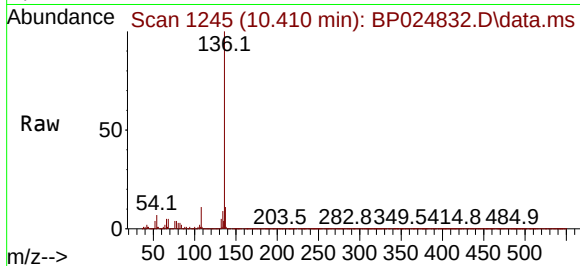




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

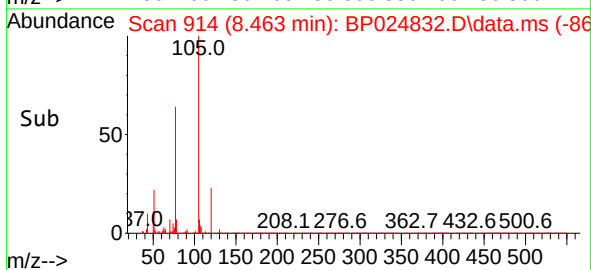
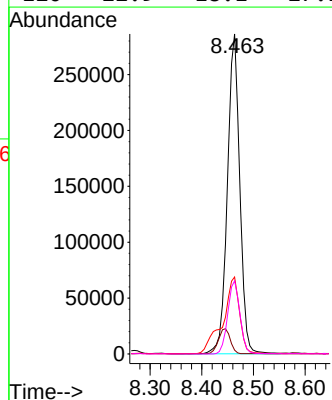
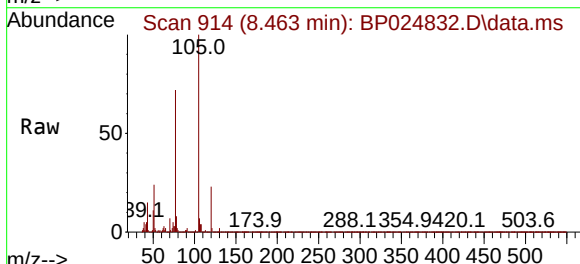
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

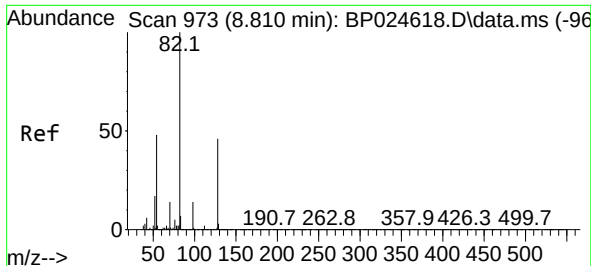
Tgt Ion:	136	Resp:	428047
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.5	8.3
68	4.7	4.2	6.2



#22
Acetophenone
Concen: 44.559 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:	105	Resp:	476440
Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	24.0	20.4	30.6
120	22.9	18.1	27.1

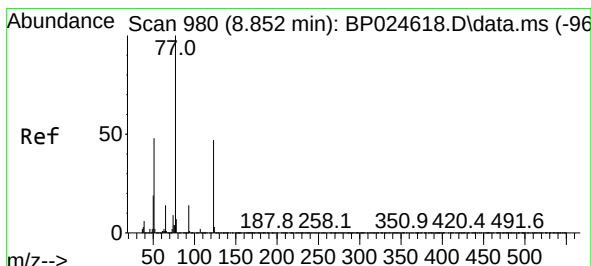
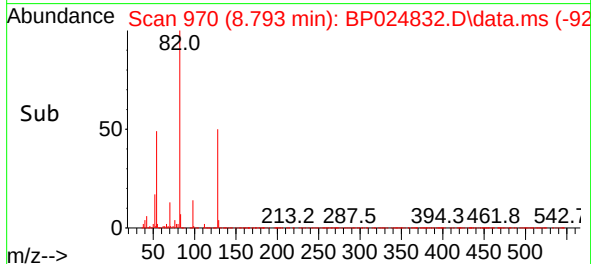
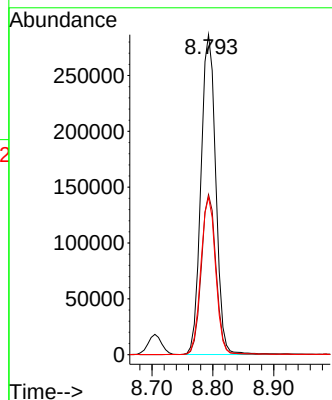
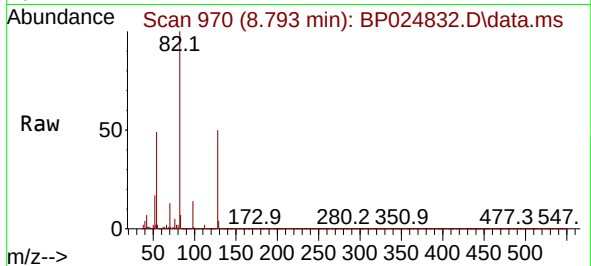




#23
Nitrobenzene-d5
Concen: 57.099 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

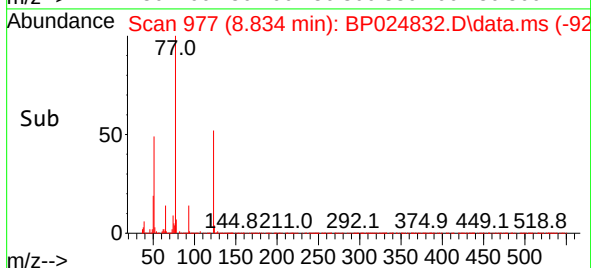
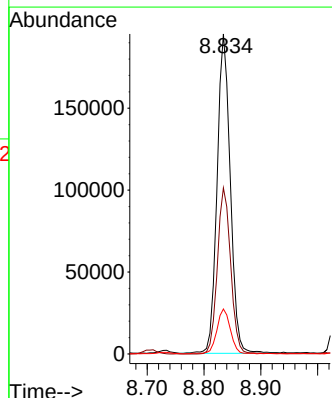
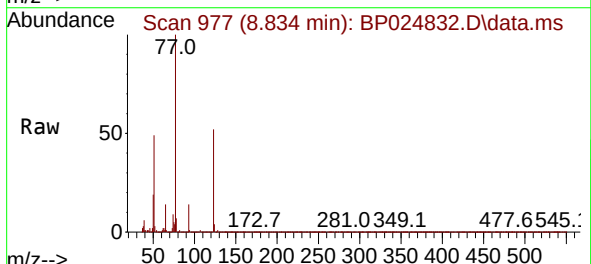
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

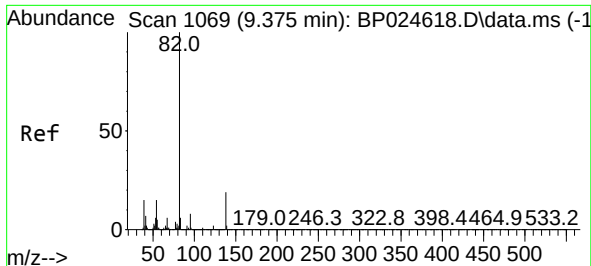
Tgt Ion: 82 Resp: 483725
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 49.2 38.7 58.1



#24
Nitrobenzene
Concen: 42.216 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 77 Resp: 314732
Ion Ratio Lower Upper
77 100
123 51.9 37.4 56.0
65 14.1 11.3 16.9

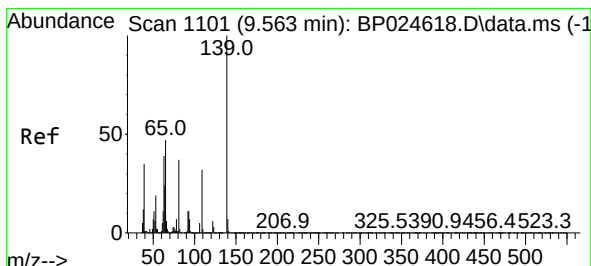
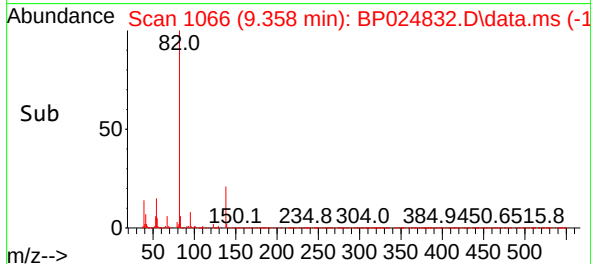
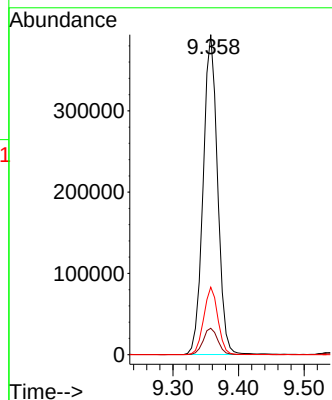
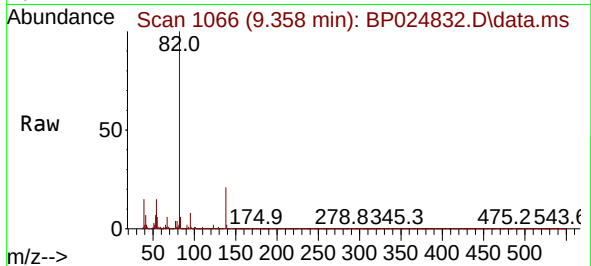




#25
Isophorone
Concen: 41.028 ng
RT: 9.358 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

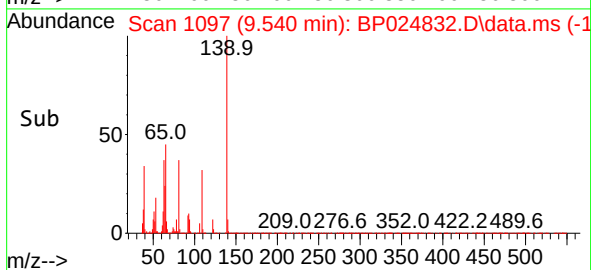
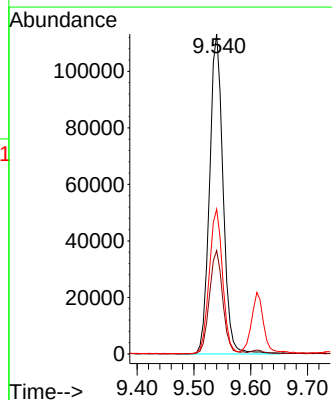
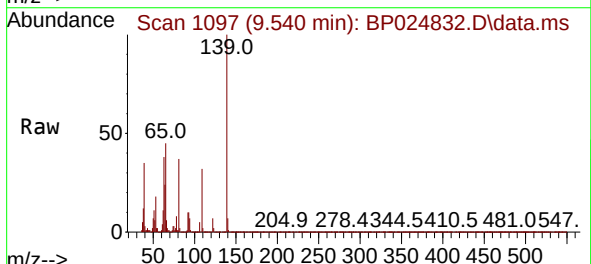
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

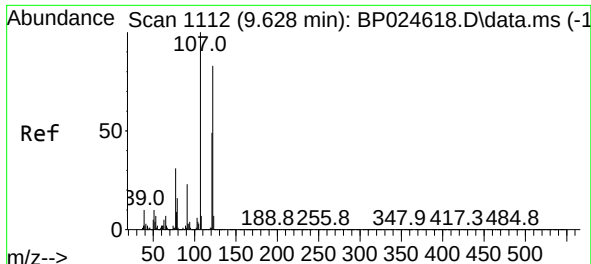
Tgt Ion: 82 Resp: 602923
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 21.1 15.3 22.9



#26
2-Nitrophenol
Concen: 50.827 ng
RT: 9.540 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 139 Resp: 185680
Ion Ratio Lower Upper
139 100
109 32.3 25.9 38.9
65 45.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 48.986 ng

RT: 9.610 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

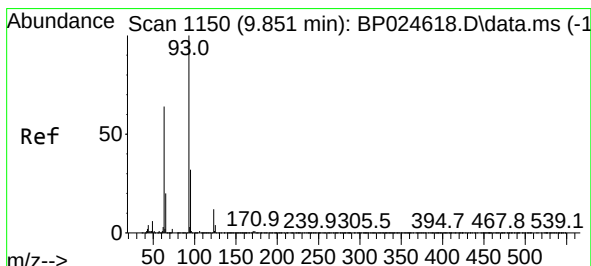
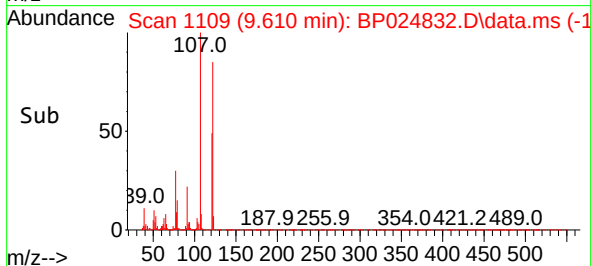
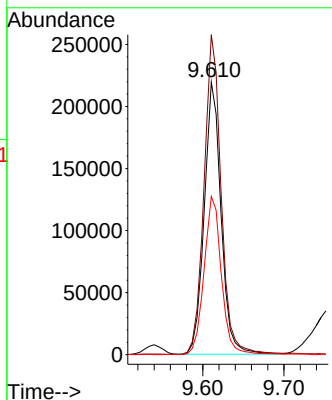
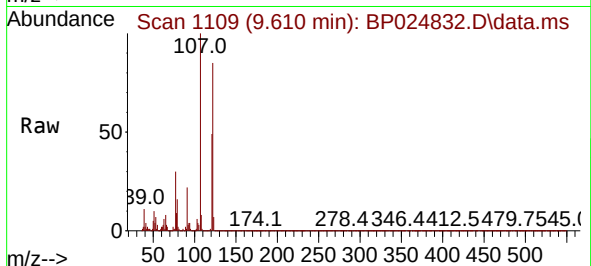
Tgt Ion:122 Resp: 315518

Ion Ratio Lower Upper

122 100

107 117.5 96.2 144.2

121 58.1 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.475 ng

RT: 9.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

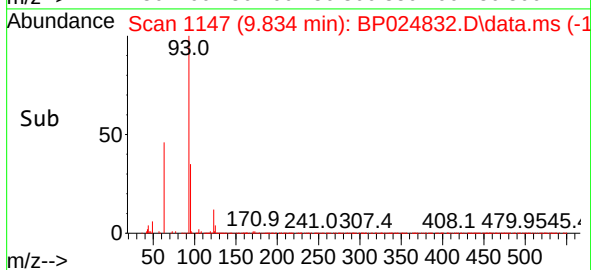
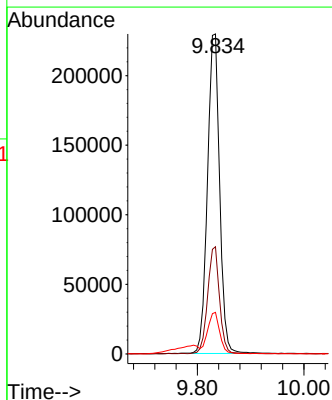
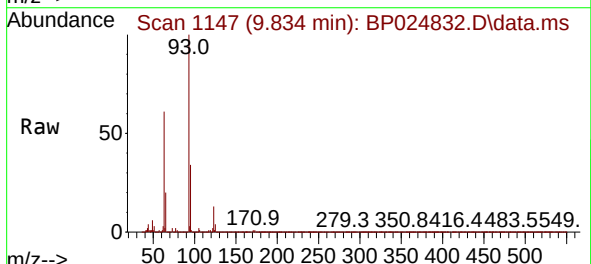
Tgt Ion: 93 Resp: 364128

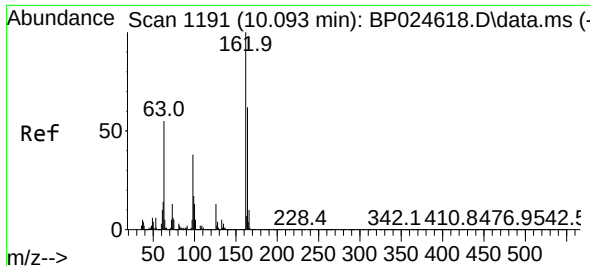
Ion Ratio Lower Upper

93 100

95 33.5 25.5 38.3

123 13.0 9.7 14.5

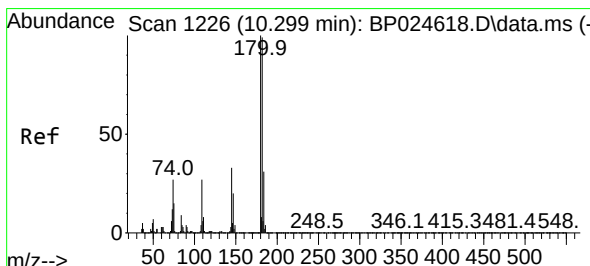
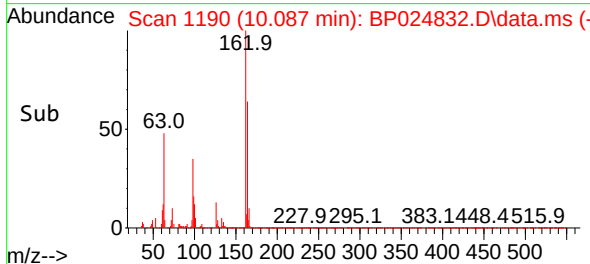
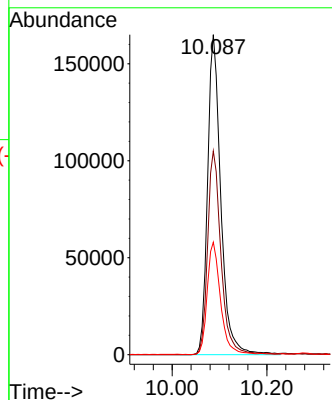
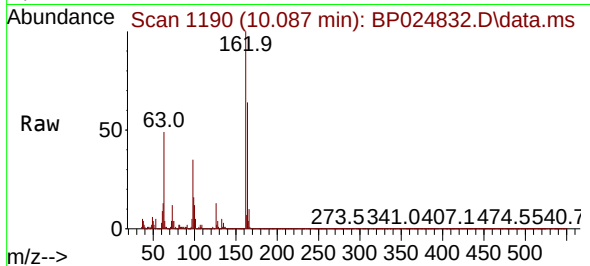




#29
2,4-Dichlorophenol
Concen: 51.211 ng
RT: 10.087 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

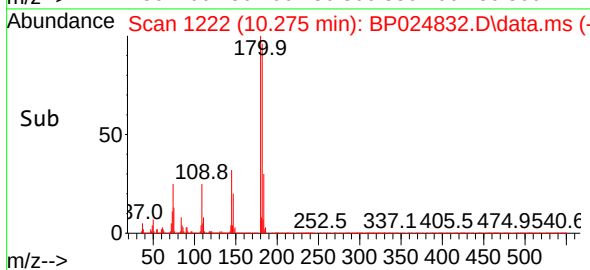
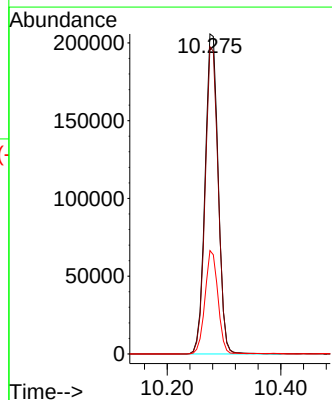
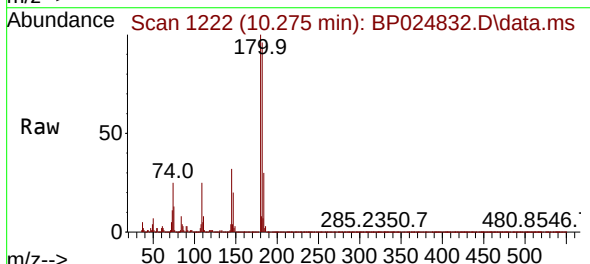
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

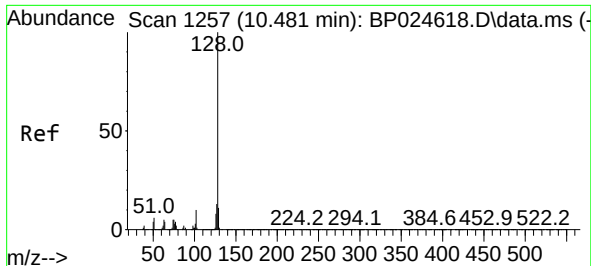
Tgt Ion:162 Resp: 319642
Ion Ratio Lower Upper
162 100
164 63.7 42.3 82.3
98 35.1 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 46.729 ng
RT: 10.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:180 Resp: 328671
Ion Ratio Lower Upper
180 100
182 96.0 79.0 118.4
145 32.3 26.6 39.8

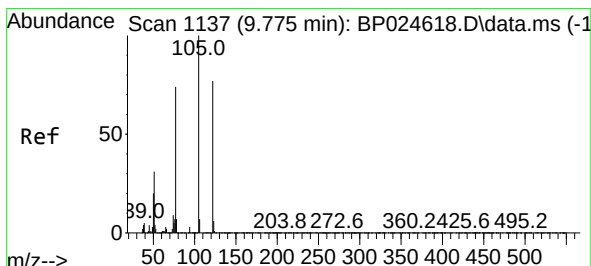
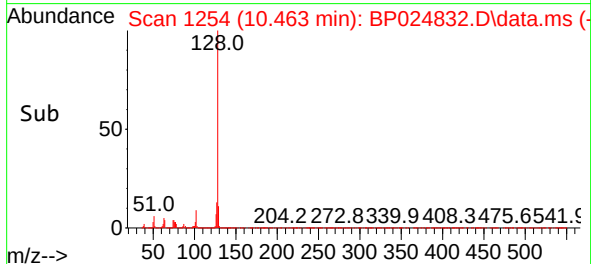
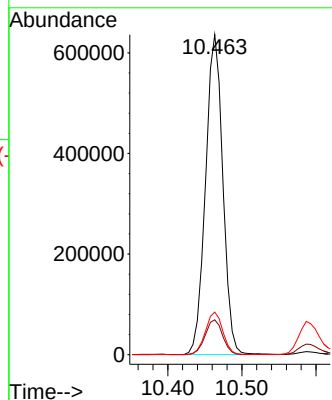
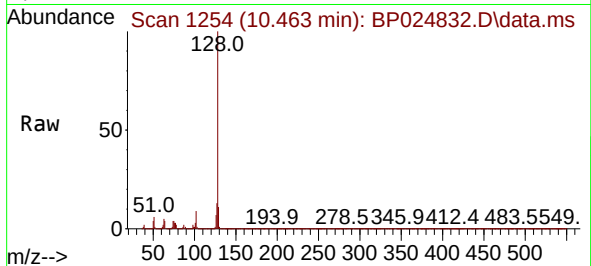




#31
Naphthalene
Concen: 46.403 ng
RT: 10.463 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

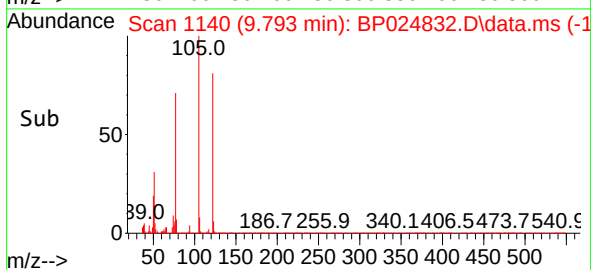
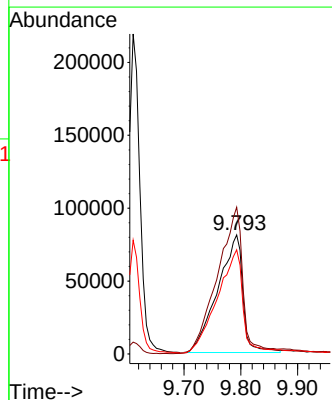
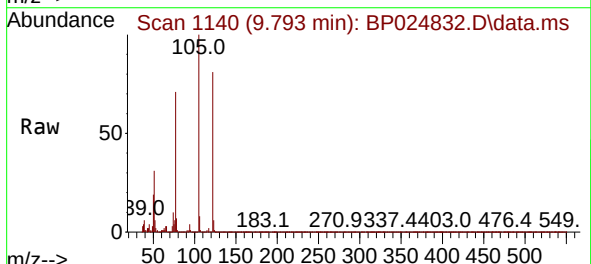
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

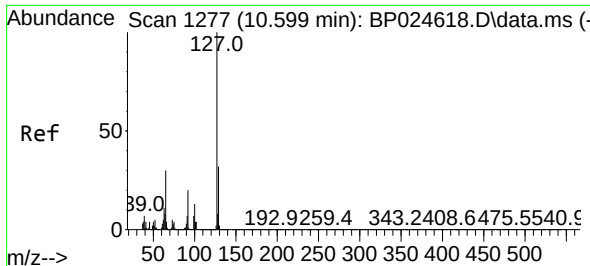
Tgt Ion:128 Resp: 1029300
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 54.096 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:122 Resp: 247598
Ion Ratio Lower Upper
122 100
105 123.2 106.9 146.9
77 87.5 75.1 115.1

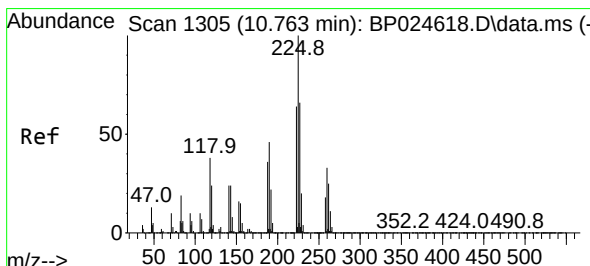
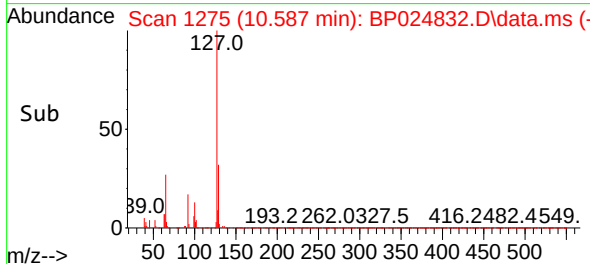
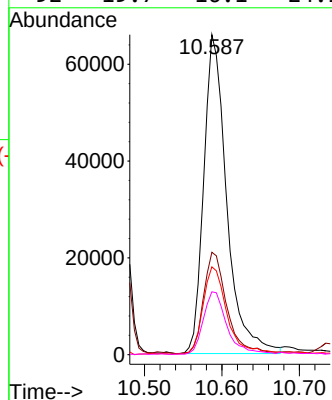
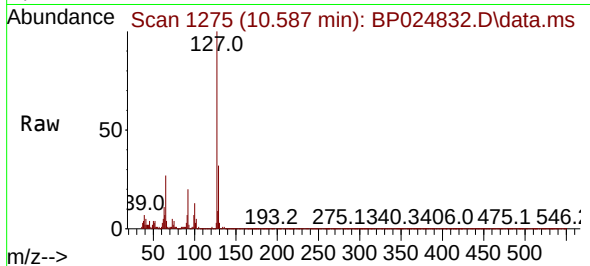




#33
4-Chloroaniline
Concen: 15.178 ng
RT: 10.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

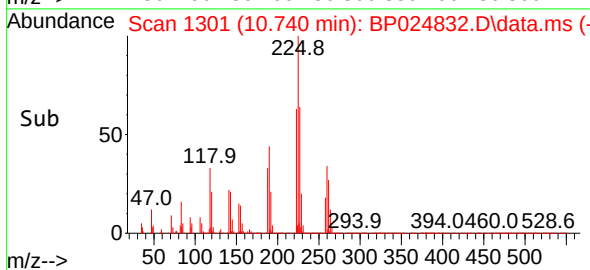
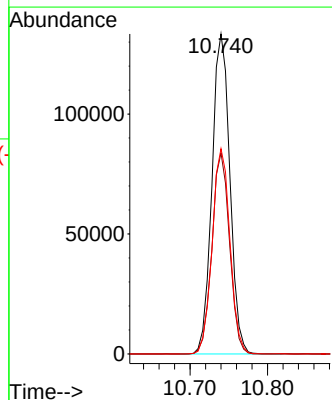
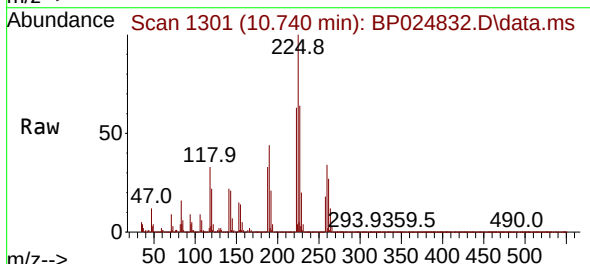
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

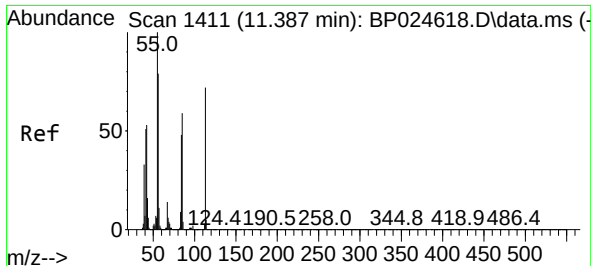
Tgt Ion:	127	Resp:	135860
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	27.5	23.9	35.9
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 47.001 ng
RT: 10.740 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:	225	Resp:	214156
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	64.2	53.1	79.7

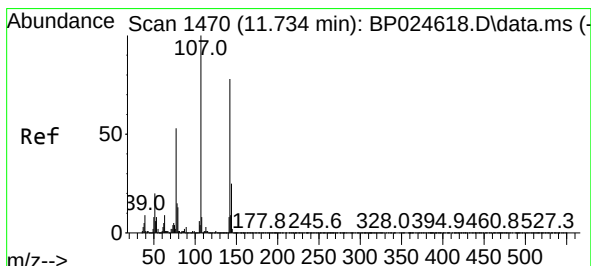
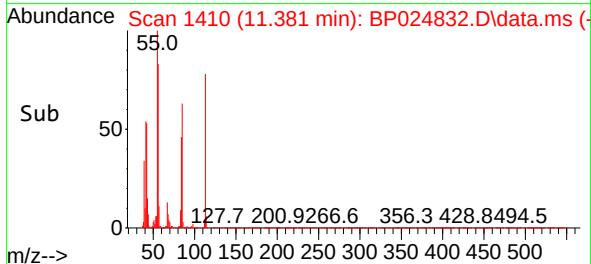
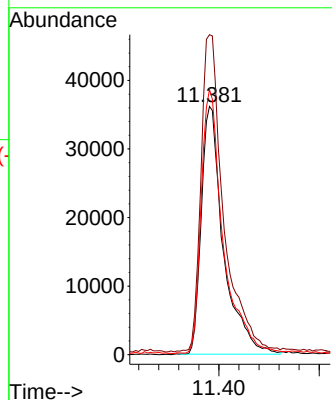
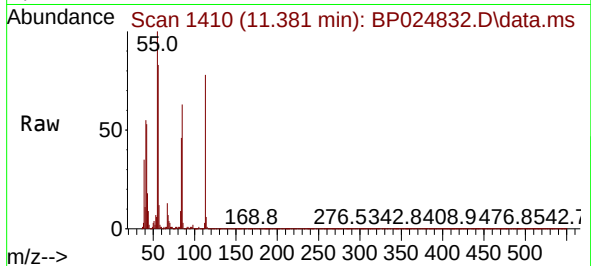




#35
 Caprolactam
 Concen: 48.901 ng
 RT: 11.381 min Scan# 1411
 Delta R.T. -0.006 min
 Lab File: BP024832.D
 Acq: 29 May 2025 17:06

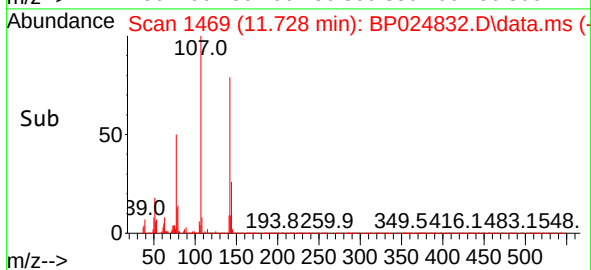
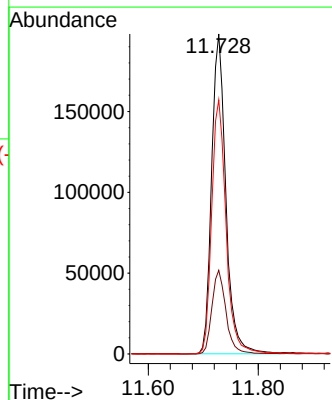
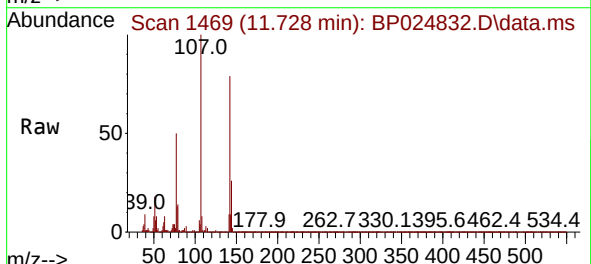
Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MS

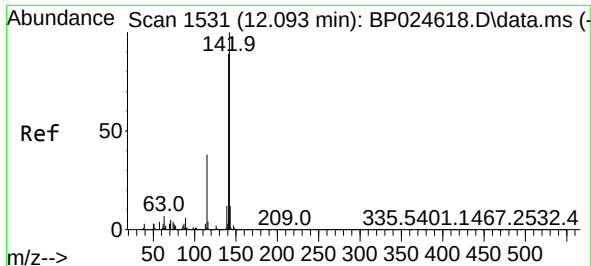
Tgt Ion:113 Resp: 110430
 Ion Ratio Lower Upper
 113 100
 55 128.9 119.0 159.0
 56 106.8 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.724 ng
 RT: 11.728 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: BP024832.D
 Acq: 29 May 2025 17:06

Tgt Ion:107 Resp: 355647
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 79.4 62.1 93.1

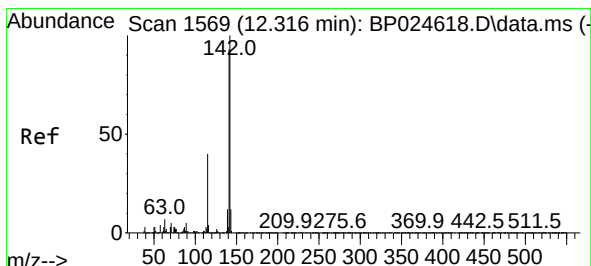
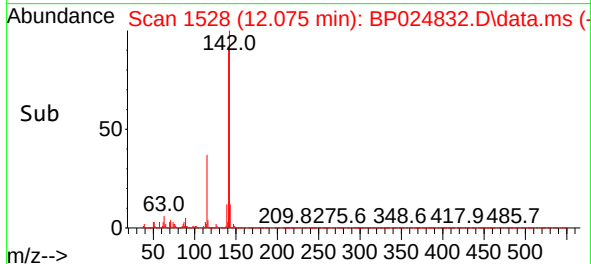
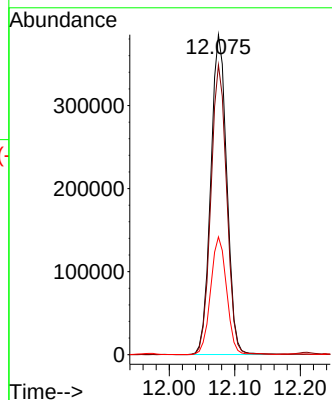
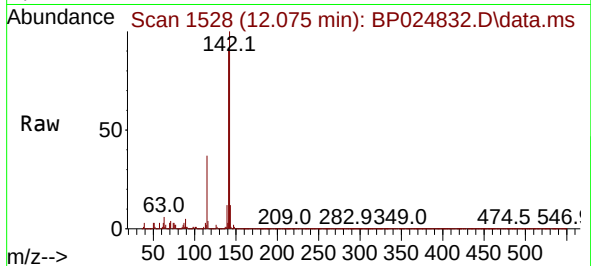




#37
2-Methylnaphthalene
Concen: 45.599 ng
RT: 12.075 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

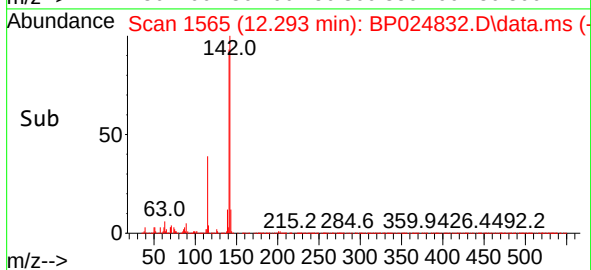
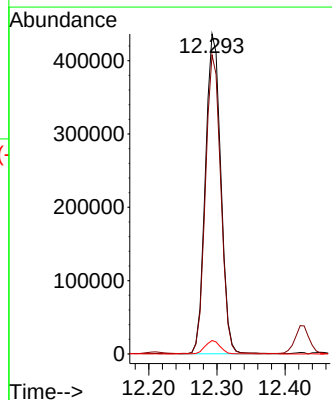
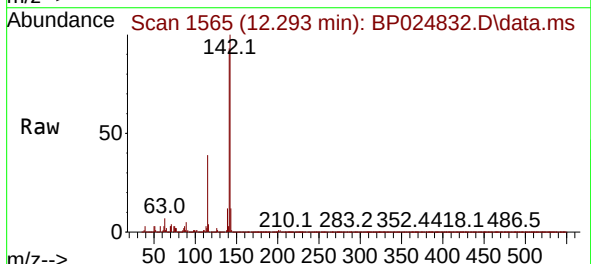
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

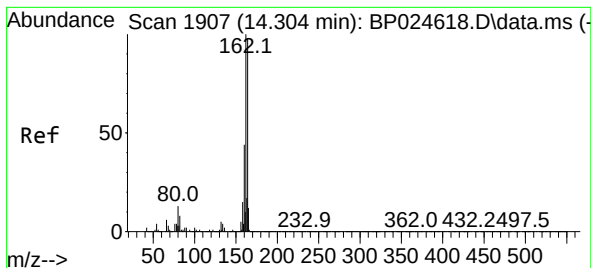
Tgt Ion:142 Resp: 654942
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
115 36.8 30.6 46.0



#38
1-Methylnaphthalene
Concen: 44.608 ng
RT: 12.293 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:142 Resp: 685541
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

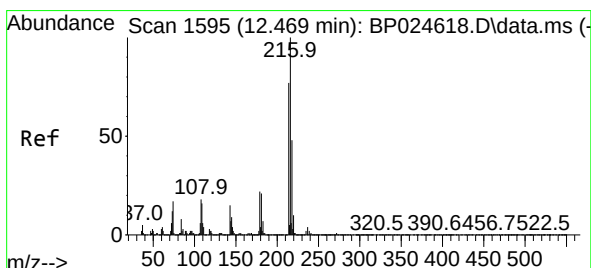
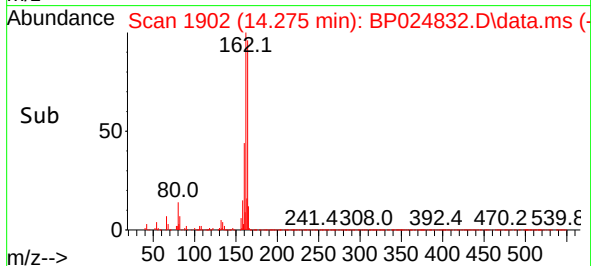
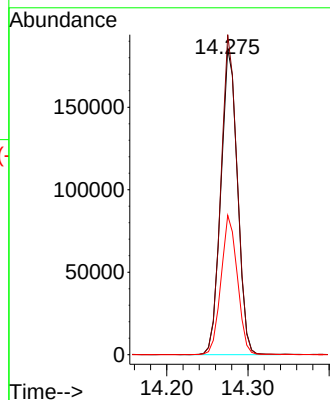
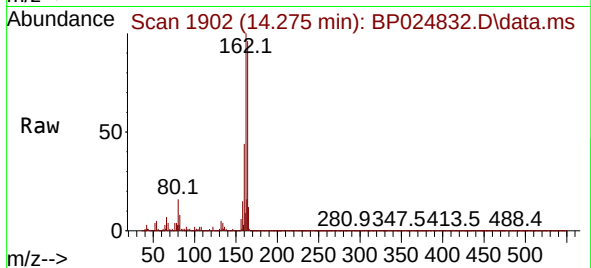
Tgt Ion:164 Resp: 263821

Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.6

160 45.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.862 ng

RT: 12.452 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Tgt Ion:216 Resp: 374334

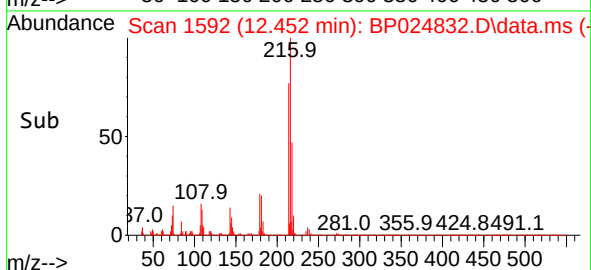
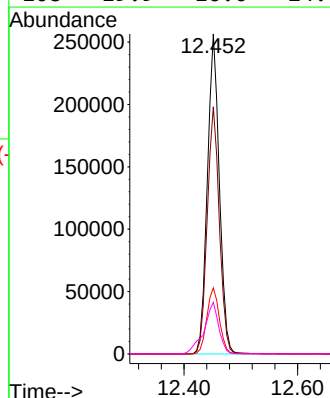
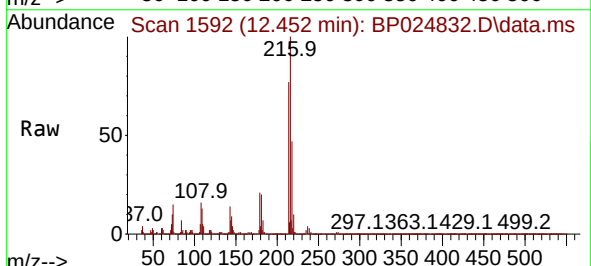
Ion Ratio Lower Upper

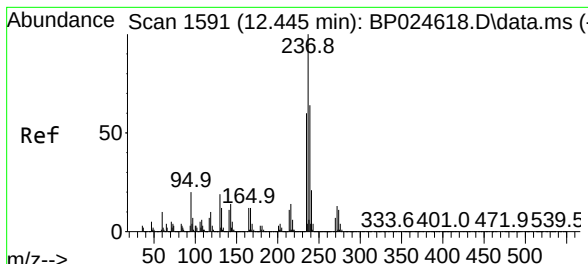
216 100

214 78.0 62.3 93.5

179 21.6 17.7 26.5

108 19.9 16.0 24.0

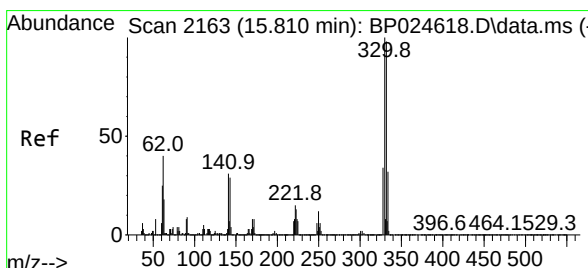
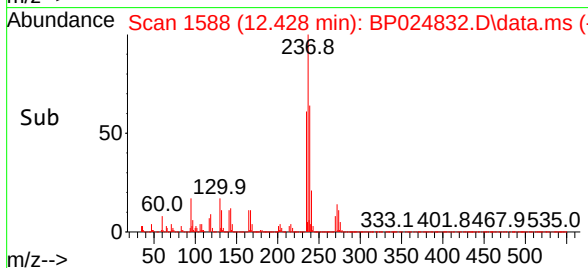
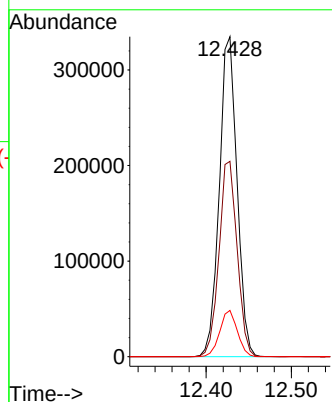
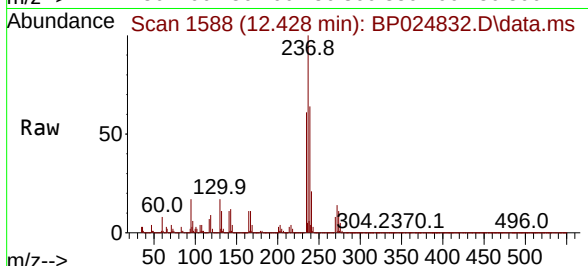




#41
Hexachlorocyclopentadiene
Concen: 104.261 ng
RT: 12.428 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

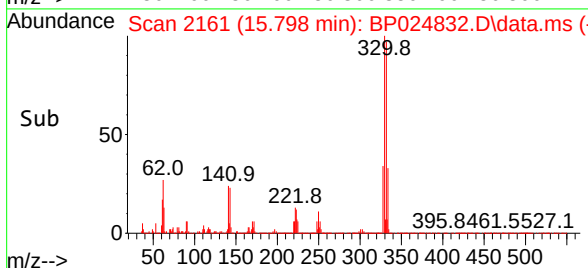
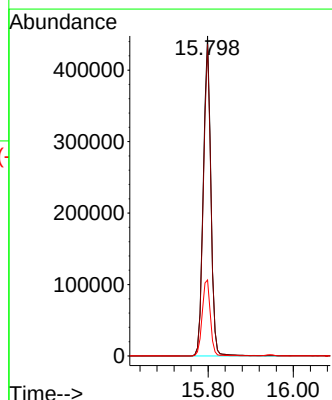
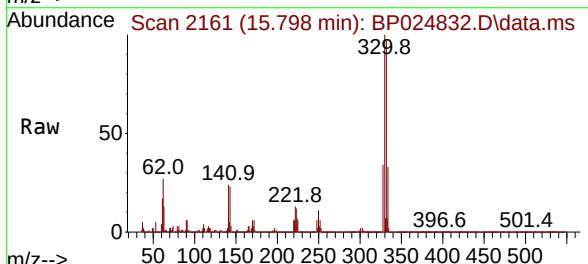
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

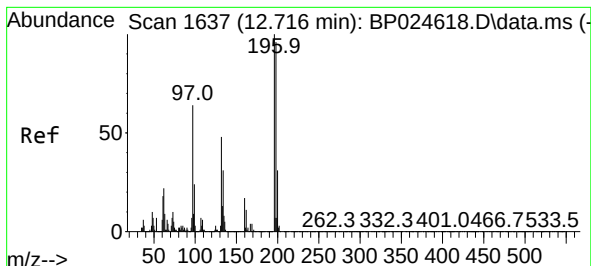
Tgt Ion:237 Resp: 484333
Ion Ratio Lower Upper
237 100
235 61.1 39.9 79.9
272 14.4 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 122.761 ng
RT: 15.798 min Scan# 2161
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:330 Resp: 549054
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 25.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 52.974 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

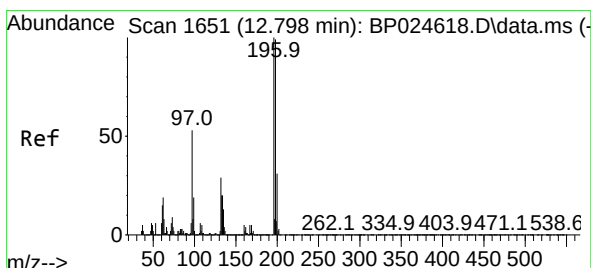
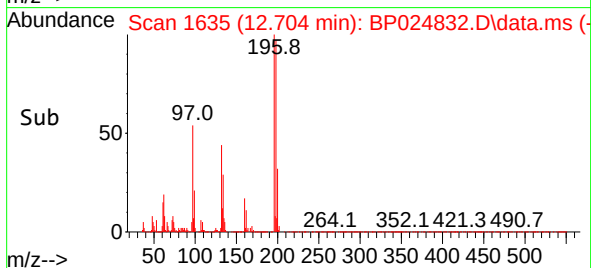
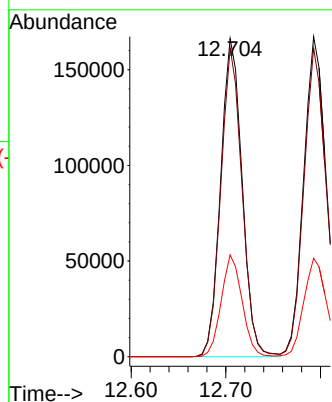
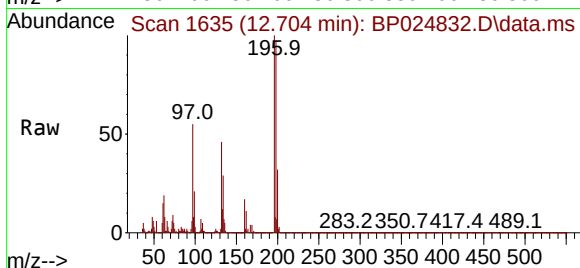
Tgt Ion:196 Resp: 262863

Ion Ratio Lower Upper

196 100

198 97.0 76.9 115.3

200 32.0 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 53.642 ng

RT: 12.793 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Tgt Ion:196 Resp: 296292

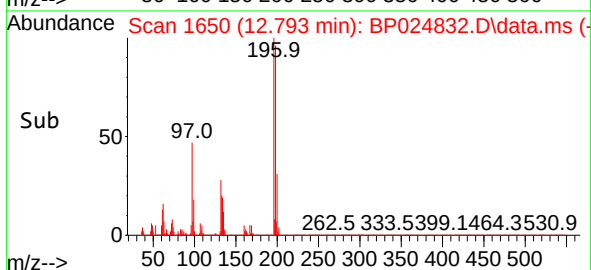
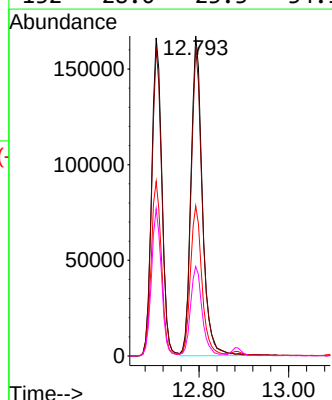
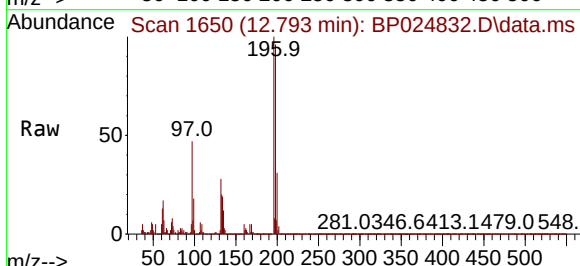
Ion Ratio Lower Upper

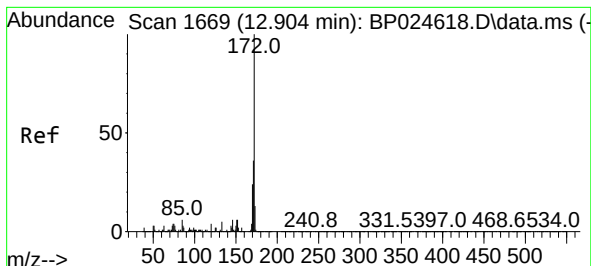
196 100

198 96.4 79.2 118.8

97 46.9 42.3 63.5

132 28.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 59.958 ng

RT: 12.887 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

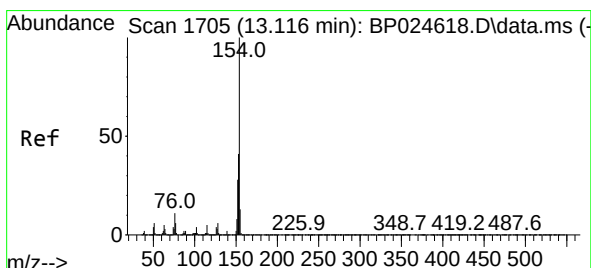
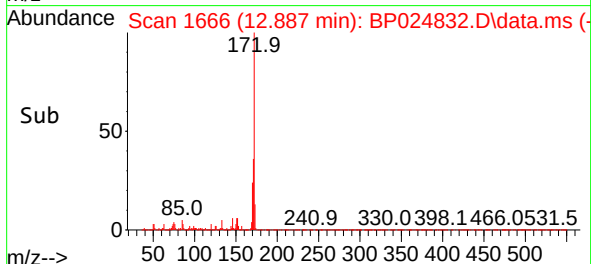
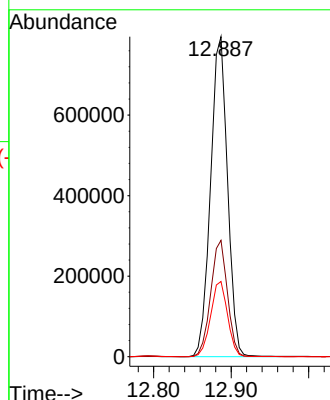
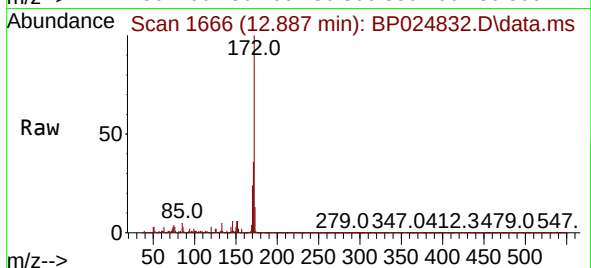
Tgt Ion:172 Resp: 1207390

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.905 ng

RT: 13.099 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

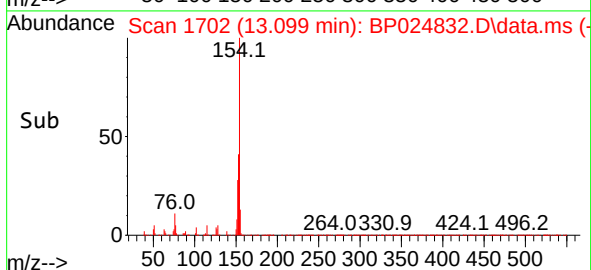
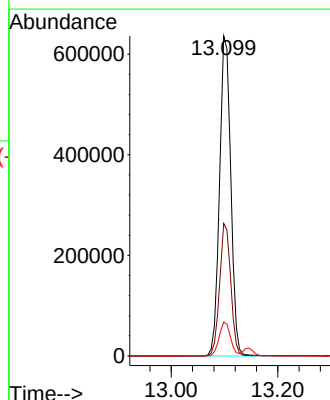
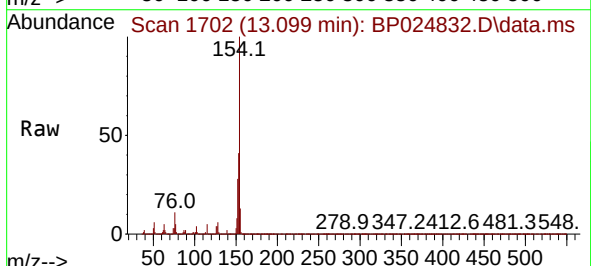
Tgt Ion:154 Resp: 934110

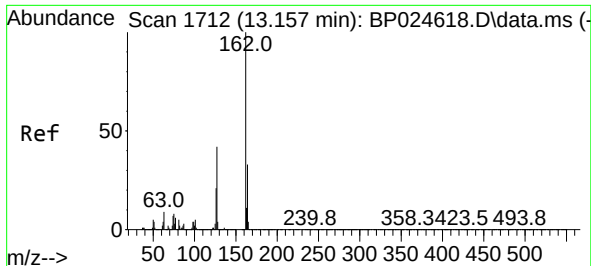
Ion Ratio Lower Upper

154 100

153 41.4 21.0 61.0

76 10.6 0.0 31.5

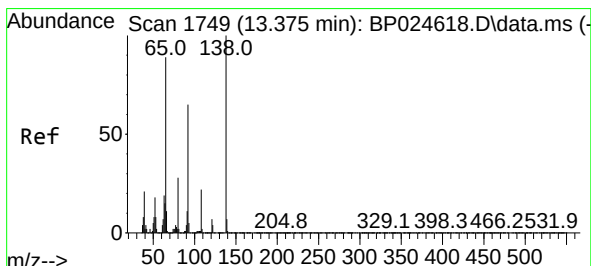
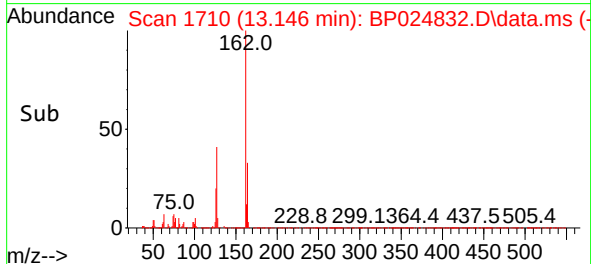
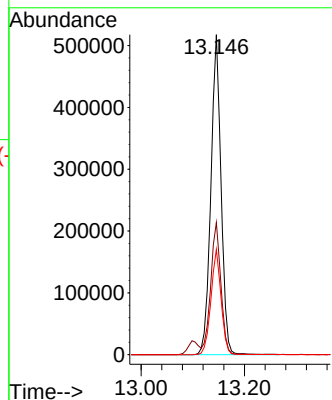
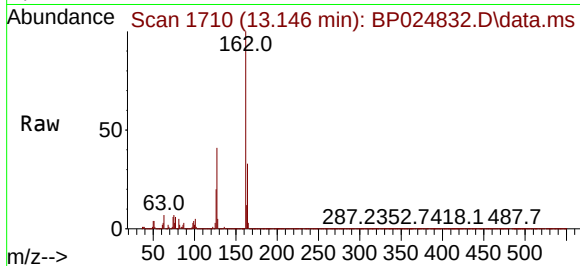




#47
2-Chloronaphthalene
Concen: 47.611 ng
RT: 13.146 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

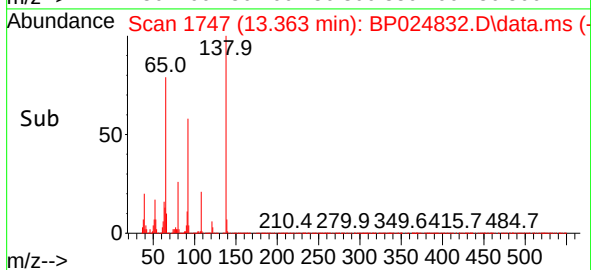
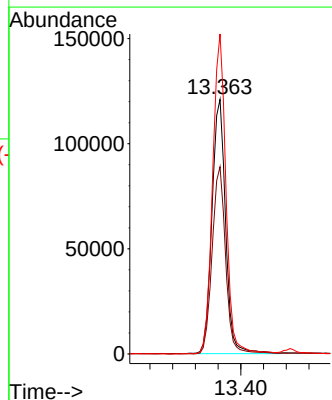
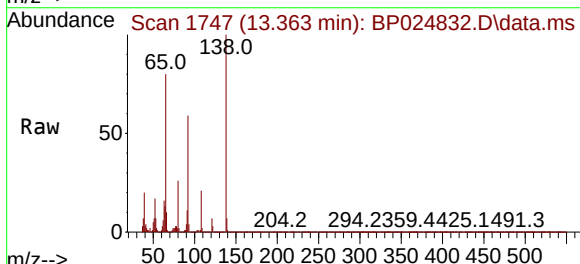
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

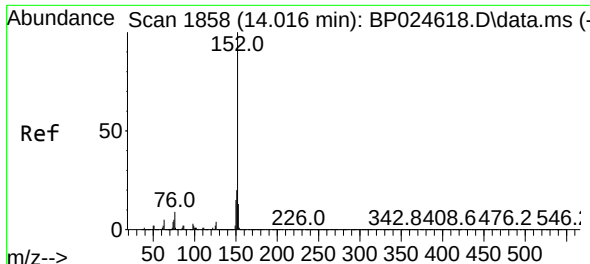
Tgt Ion:162 Resp: 707871
Ion Ratio Lower Upper
162 100
127 41.3 33.8 50.6
164 32.9 26.0 39.0



#48
2-Nitroaniline
Concen: 45.716 ng
RT: 13.363 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion: 65 Resp: 201229
Ion Ratio Lower Upper
65 100
92 73.5 58.7 88.1
138 125.7 90.2 135.2

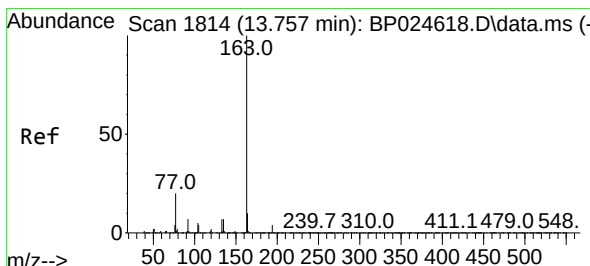
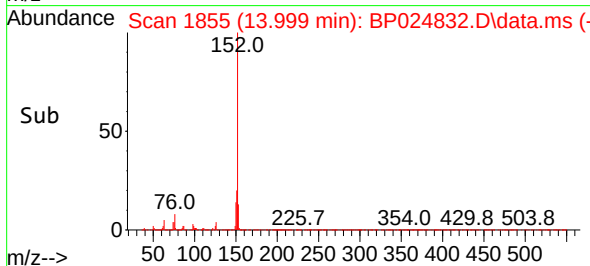
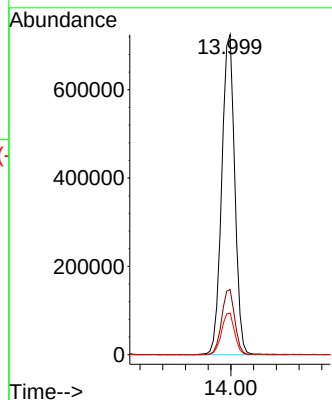
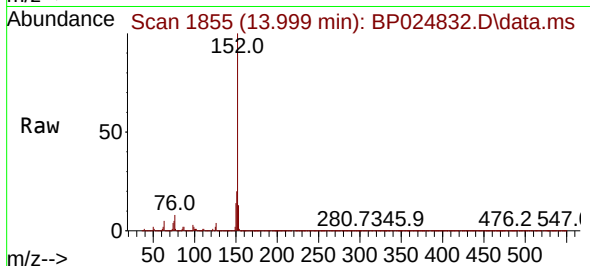




#49
Acenaphthylene
Concen: 46.421 ng
RT: 13.999 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

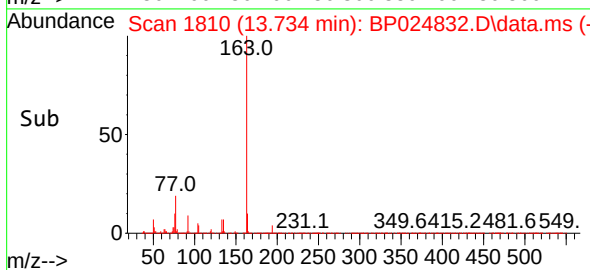
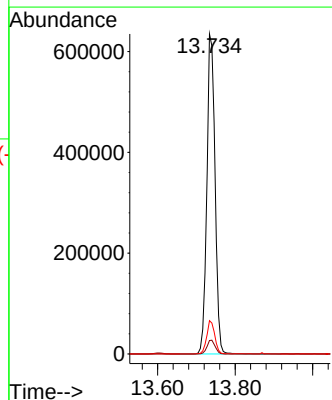
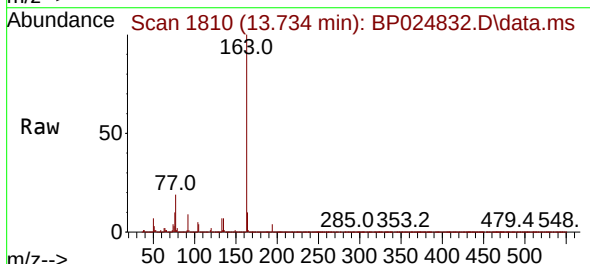
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

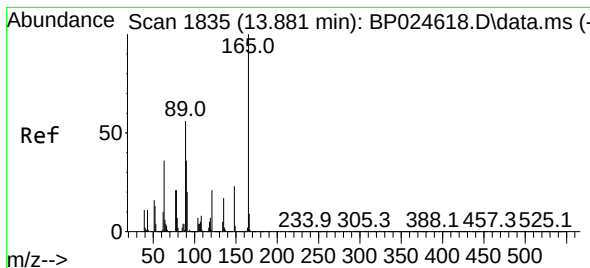
Tgt Ion:152 Resp: 1154979
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 46.131 ng
RT: 13.734 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:163 Resp: 927622
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.1 12.1

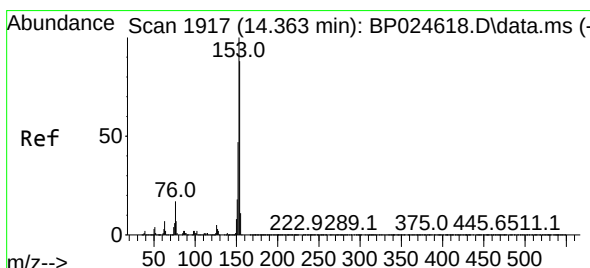
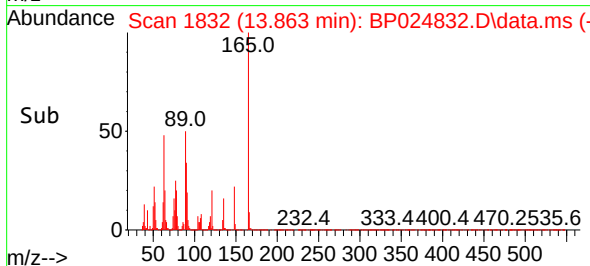
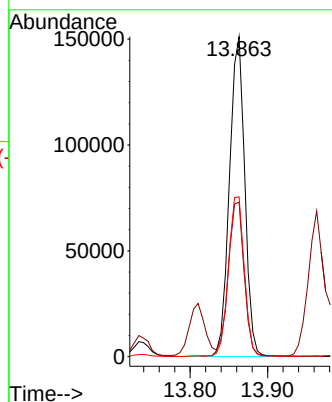
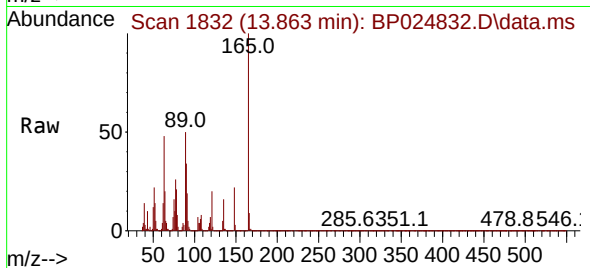




#51
2,6-Dinitrotoluene
Concen: 49.092 ng
RT: 13.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

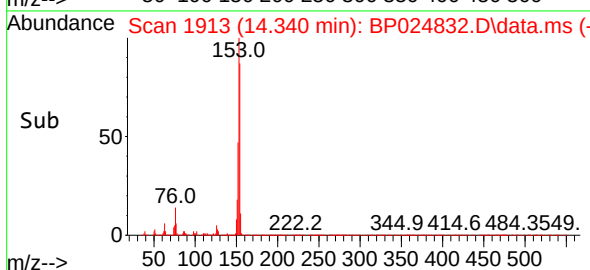
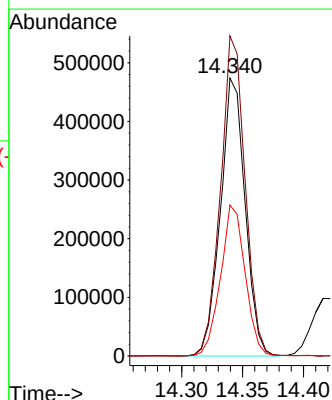
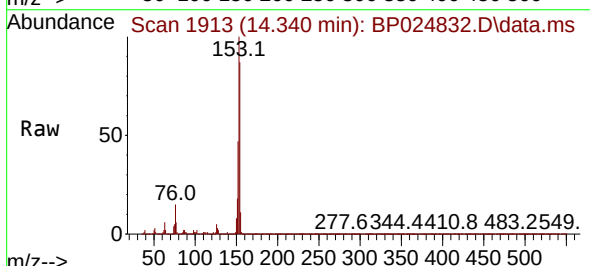
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

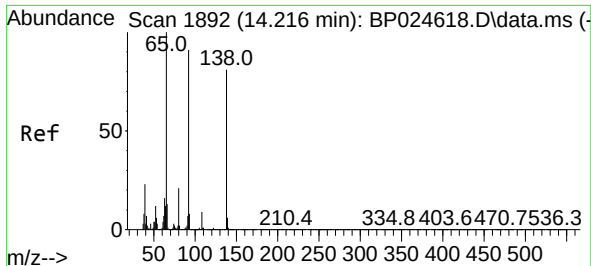
Tgt Ion:165 Resp: 208483
Ion Ratio Lower Upper
165 100
63 48.3 42.4 63.6
89 49.9 44.8 67.2



#52
Acenaphthene
Concen: 46.609 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:154 Resp: 666669
Ion Ratio Lower Upper
154 100
153 115.2 91.0 136.4
152 54.3 42.9 64.3

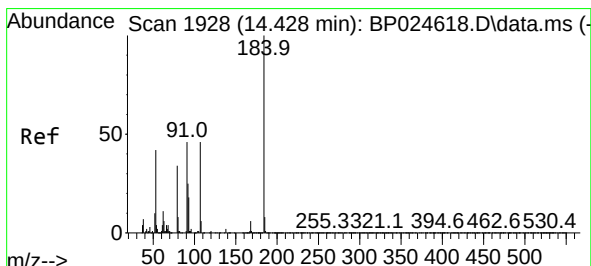
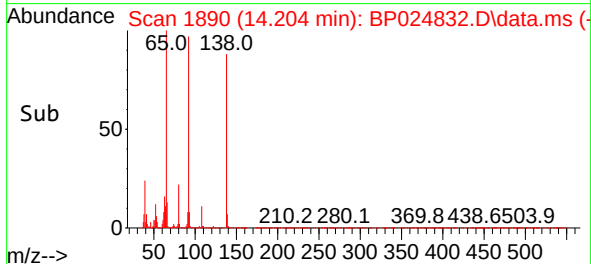
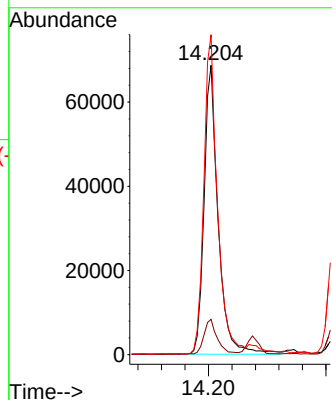
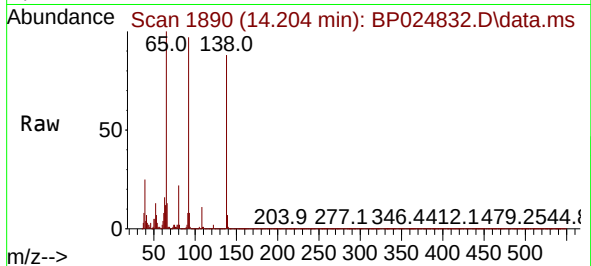




#53
3-Nitroaniline
Concen: 26.220 ng
RT: 14.204 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

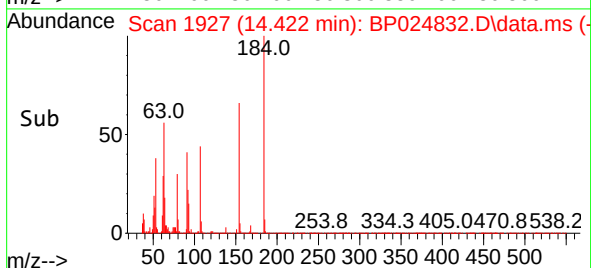
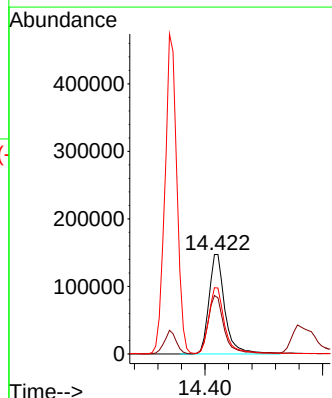
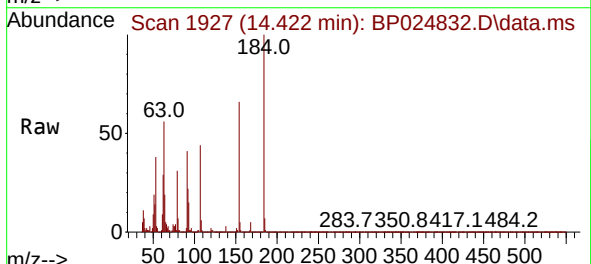
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

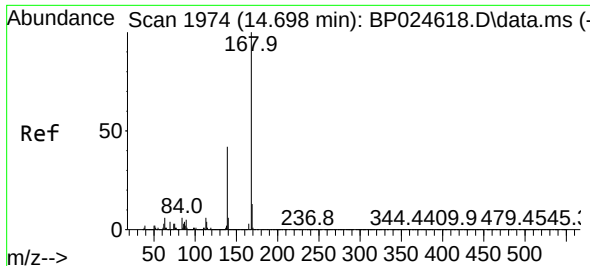
Tgt Ion:138 Resp: 113698
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 110.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 101.681 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:184 Resp: 277348
Ion Ratio Lower Upper
184 100
63 56.5 51.3 76.9
154 66.2 53.5 80.3

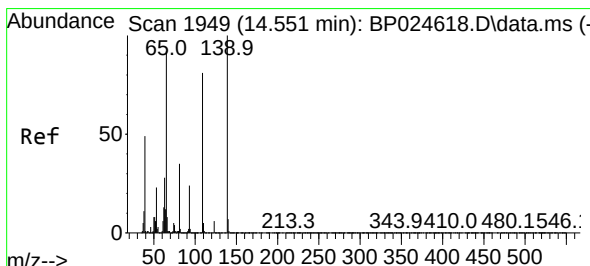
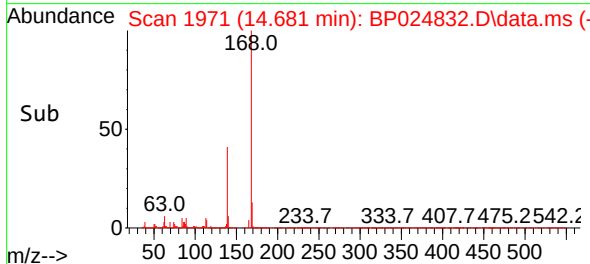
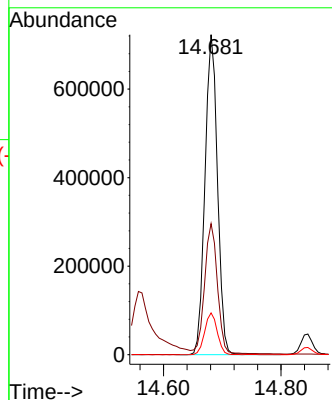
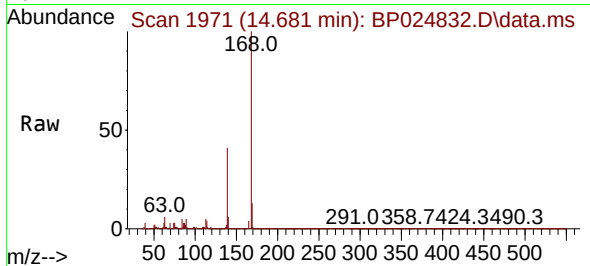




#55
Dibenzofuran
Concen: 46.778 ng
RT: 14.681 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

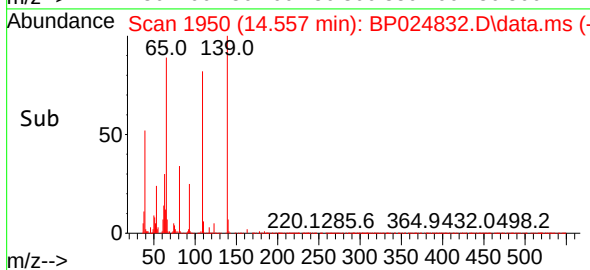
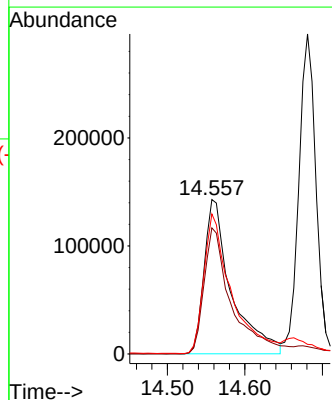
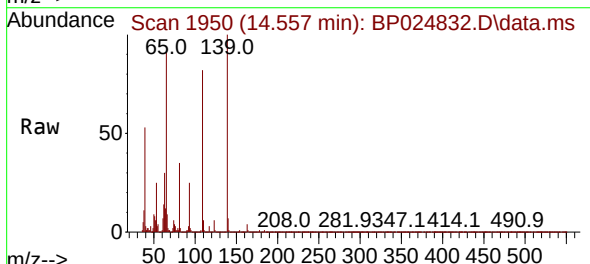
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

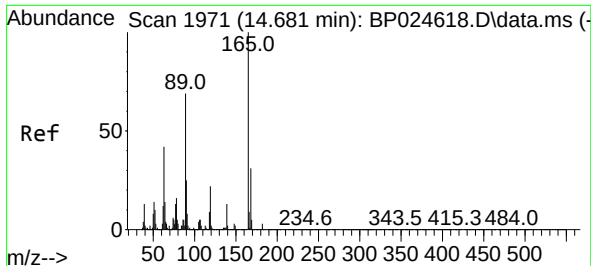
Tgt Ion:168 Resp: 1067248
Ion Ratio Lower Upper
168 100
139 41.0 34.2 51.4
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 92.323 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:139 Resp: 349178
Ion Ratio Lower Upper
139 100
109 81.7 61.4 101.4
65 90.7 72.2 112.2

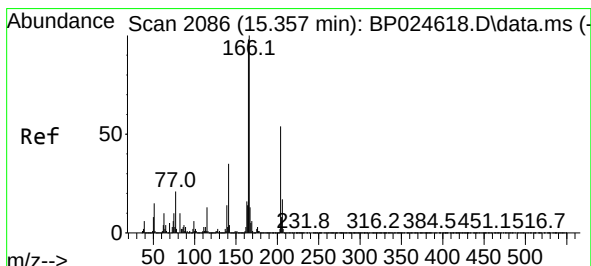
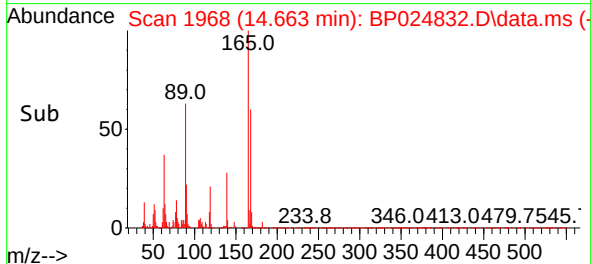
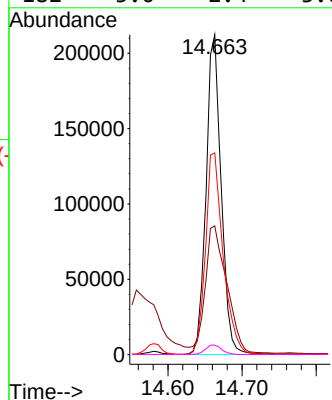
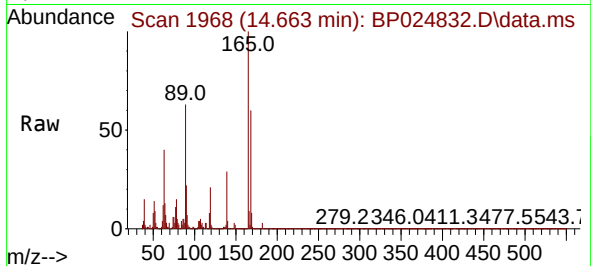




#57
2,4-Dinitrotoluene
Concen: 50.271 ng
RT: 14.663 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

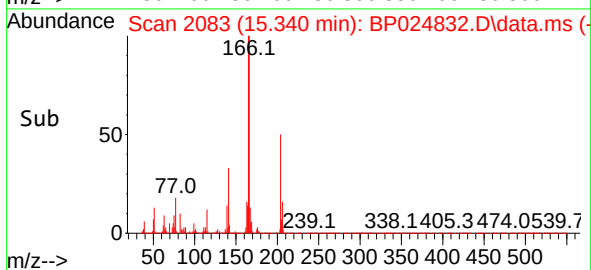
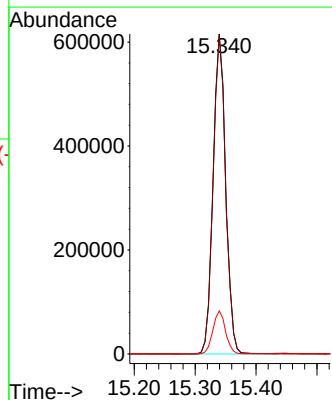
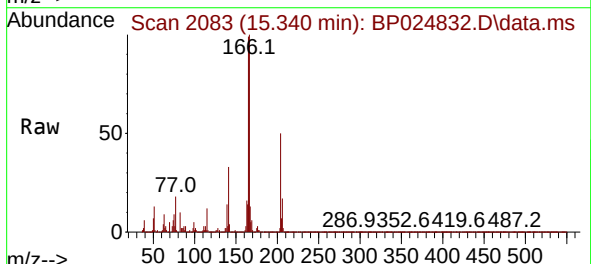
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

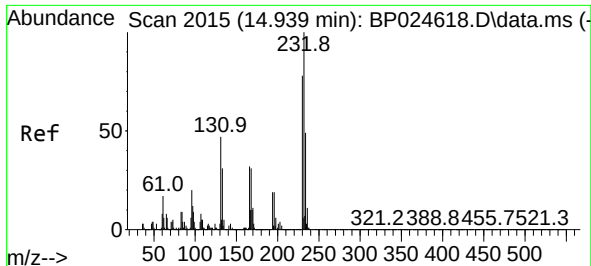
Tgt Ion:165 Resp: 300983
Ion Ratio Lower Upper
165 100
63 40.2 33.8 50.6
89 63.0 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 47.577 ng
RT: 15.340 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:166 Resp: 885077
Ion Ratio Lower Upper
166 100
165 99.5 78.5 117.7
167 13.4 10.7 16.1

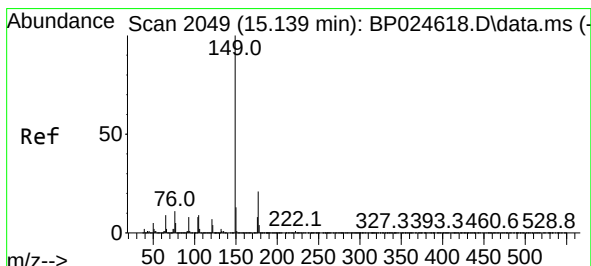
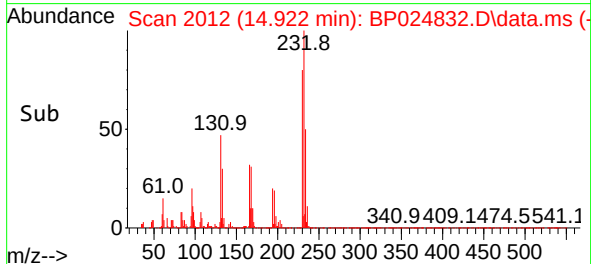
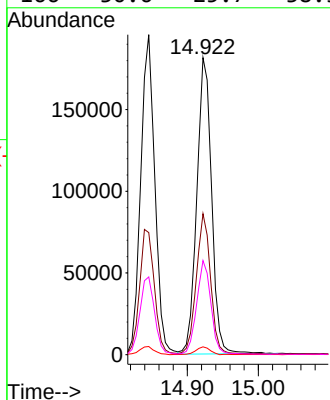
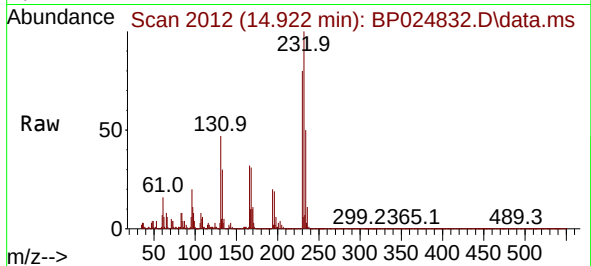




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.482 ng
RT: 14.922 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

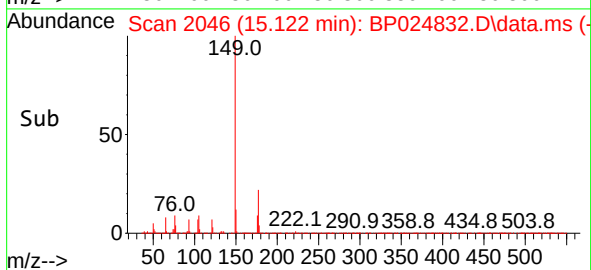
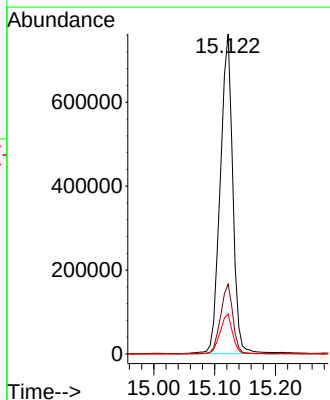
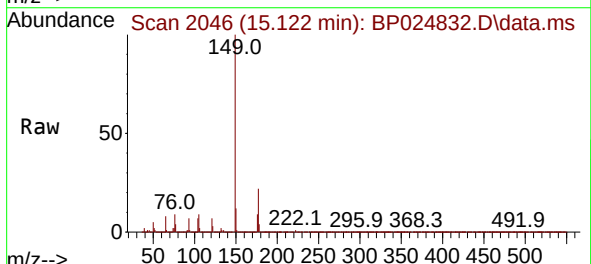
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

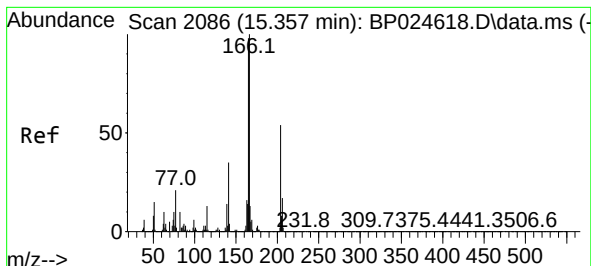
Tgt Ion:232 Resp: 263787
Ion Ratio Lower Upper
232 100
131 45.1 39.5 59.3
130 2.5 2.2 3.4
166 30.6 25.7 38.5



#60
Diethylphthalate
Concen: 53.597 ng
RT: 15.122 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:149 Resp: 1089303
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.4 10.2 15.2

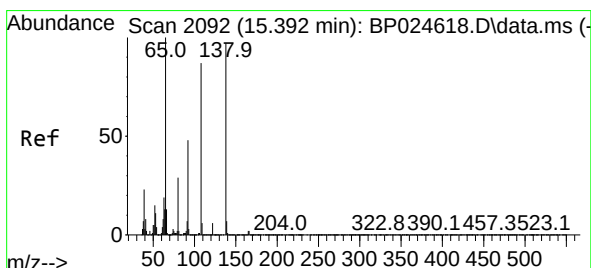
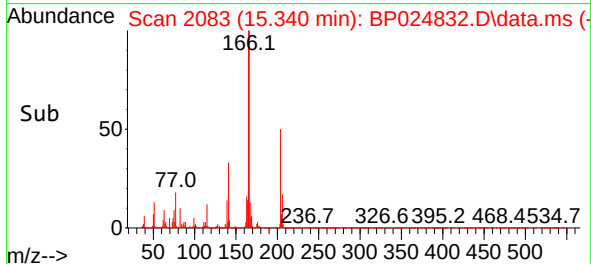
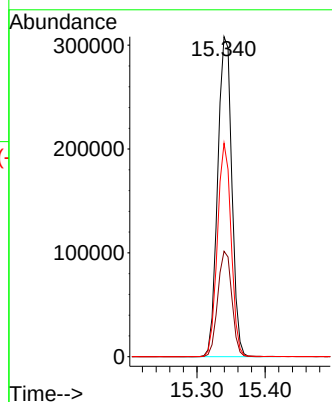
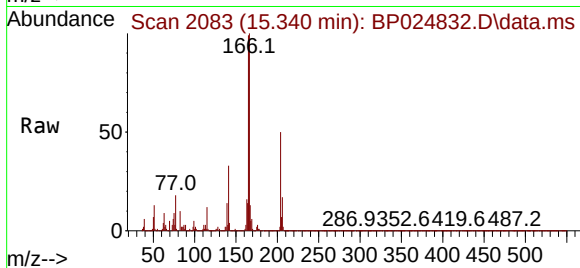




#61
4-Chlorophenyl-phenylether
Concen: 47.908 ng
RT: 15.340 min Scan# 2086
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

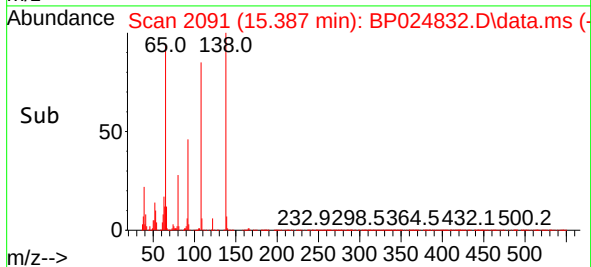
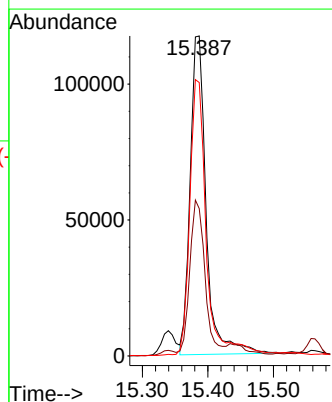
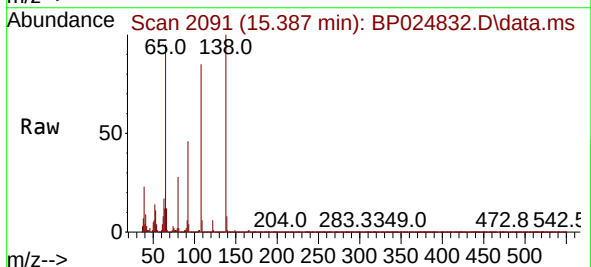
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

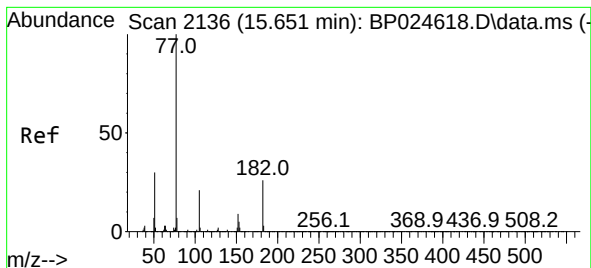
Tgt Ion:204 Resp: 444463
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 66.7 52.9 79.3



#62
4-Nitroaniline
Concen: 47.466 ng
RT: 15.387 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:138 Resp: 198742
Ion Ratio Lower Upper
138 100
92 46.0 29.2 69.2
108 85.4 69.0 109.0





#63

Azobenzene

Concen: 48.556 ng

RT: 15.640 min Scan# 2136

Delta R.T. 0.012 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

Tgt Ion: 77 Resp: 844229

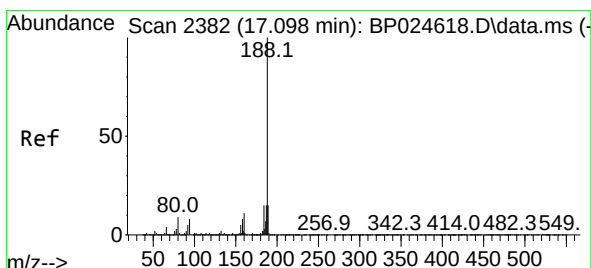
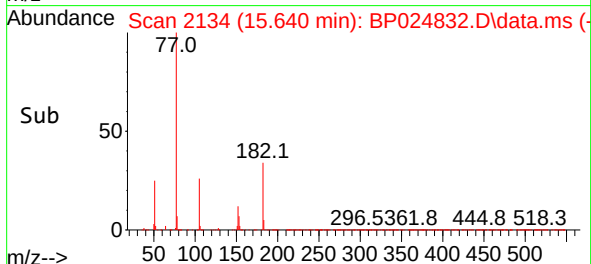
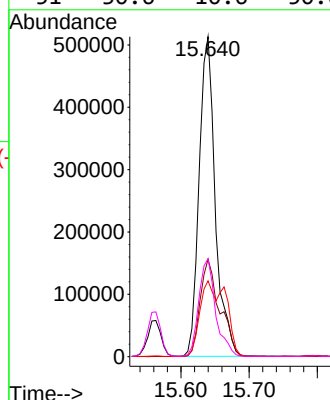
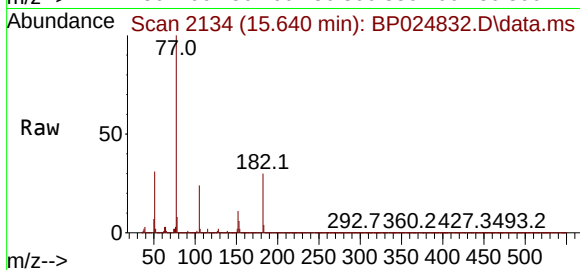
Ion Ratio Lower Upper

77 100

182 30.4 5.7 45.7

105 23.7 1.3 41.3

51 30.6 10.6 50.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.069 min Scan# 2377

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

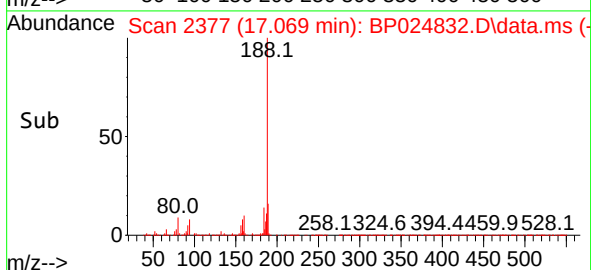
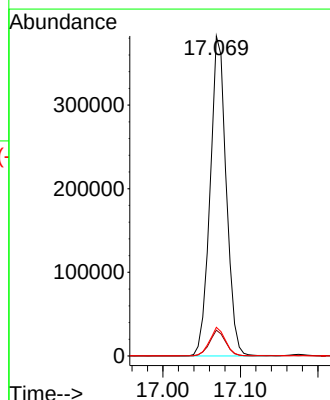
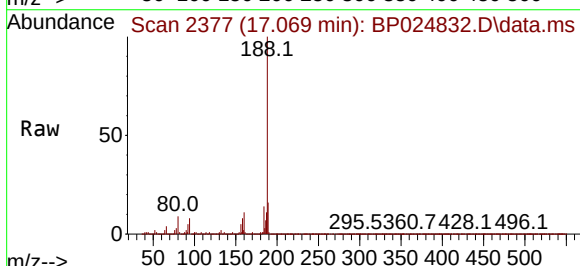
Tgt Ion: 188 Resp: 553172

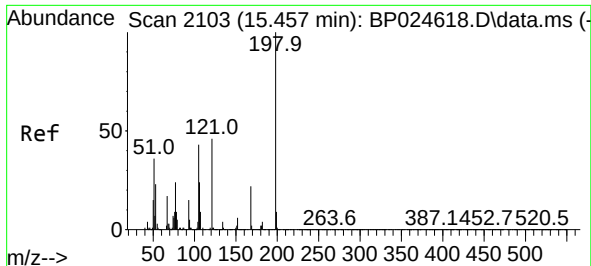
Ion Ratio Lower Upper

188 100

94 8.1 6.5 9.7

80 8.9 7.3 10.9

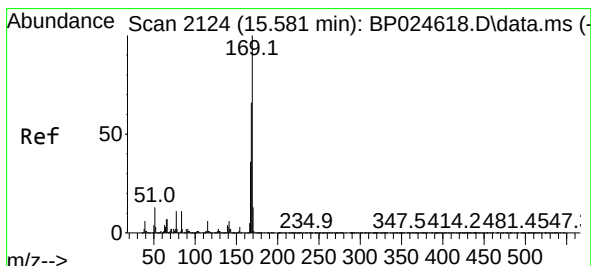
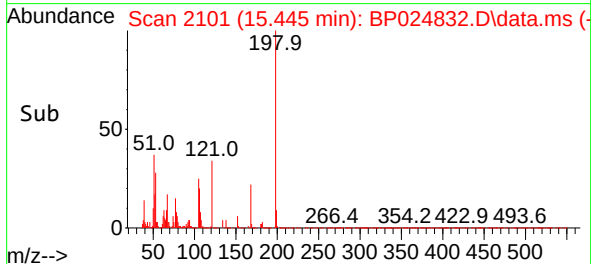
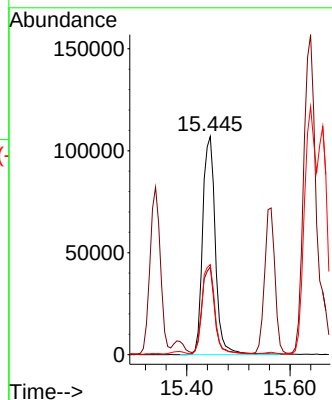
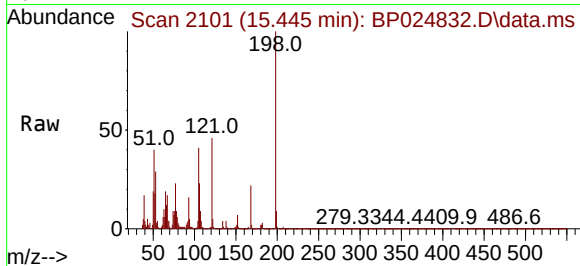




#65
4,6-Dinitro-2-methylphenol
Concen: 51.033 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

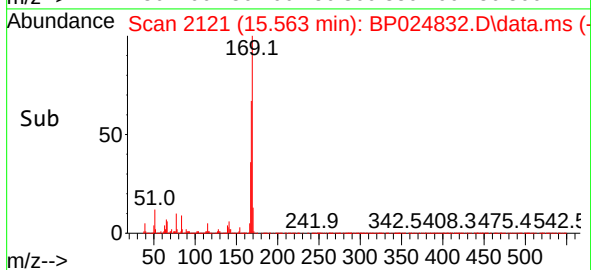
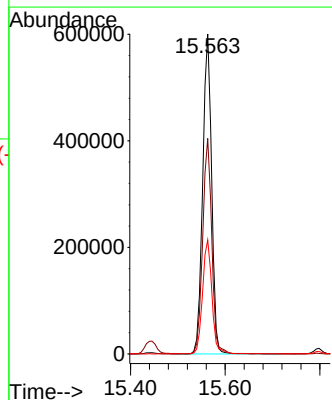
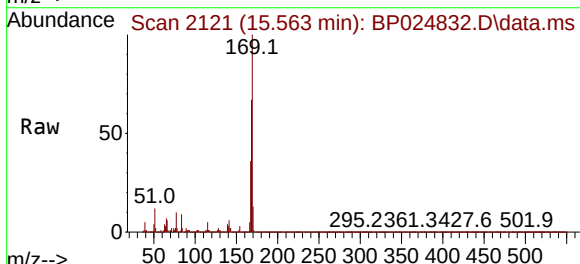
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

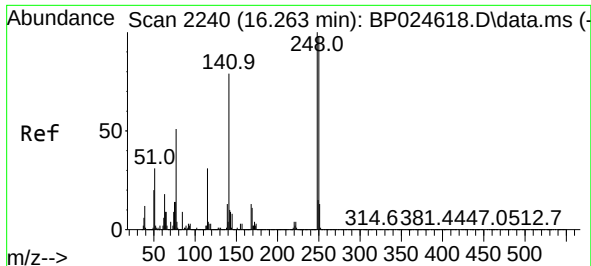
Tgt Ion:198 Resp: 182346
Ion Ratio Lower Upper
198 100
51 40.1 21.1 61.1
105 41.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.979 ng
RT: 15.563 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:169 Resp: 781249
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 35.7 28.6 43.0

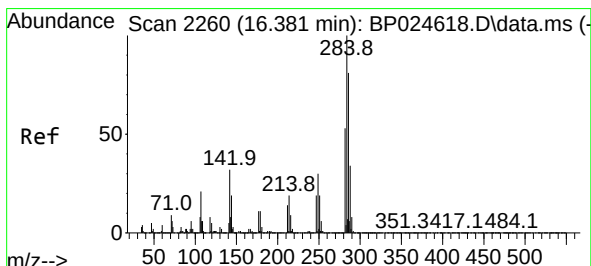
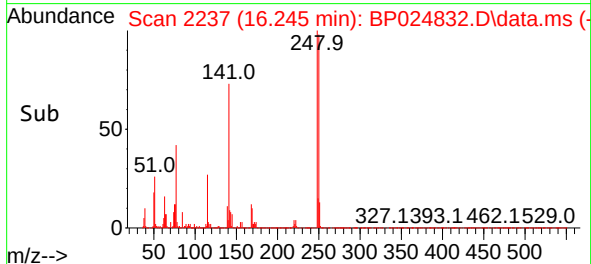
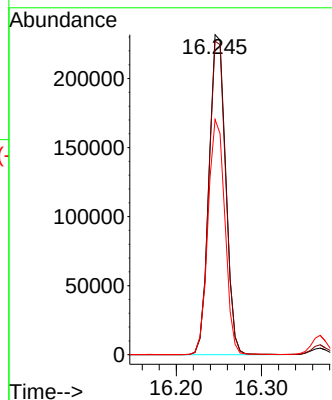
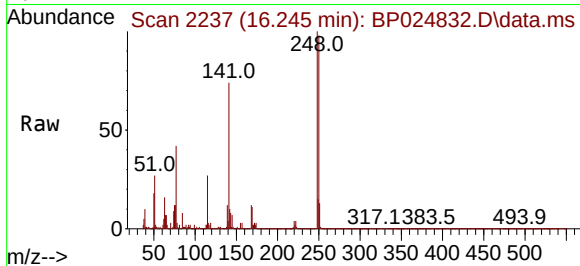




#67
4-Bromophenyl-phenylether
Concen: 48.426 ng
RT: 16.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

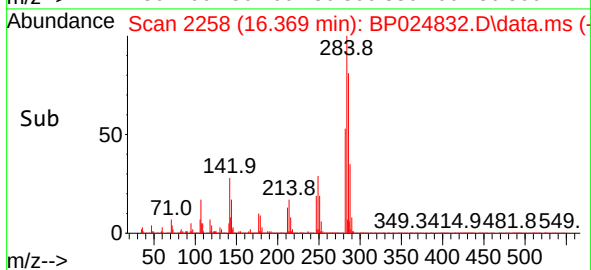
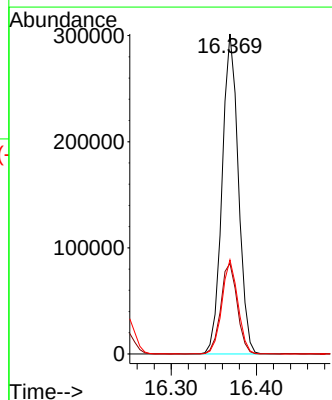
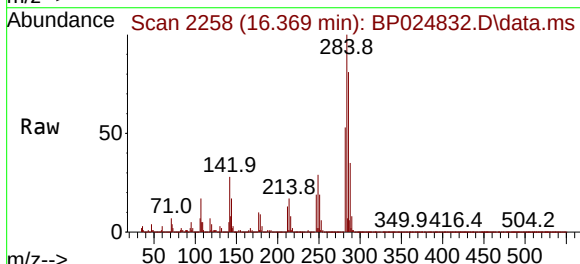
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

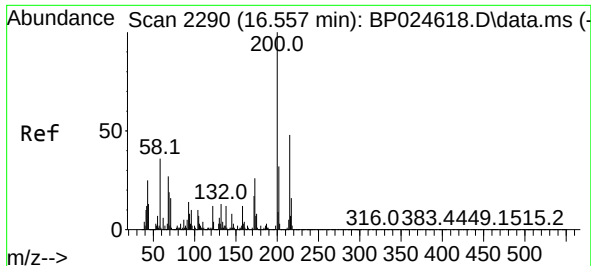
Tgt Ion:248 Resp: 315651
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.4
141 73.5 63.0 94.6



#68
Hexachlorobenzene
Concen: 48.307 ng
RT: 16.369 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:284 Resp: 400108
Ion Ratio Lower Upper
284 100
142 28.3 25.9 38.9
249 29.4 24.1 36.1

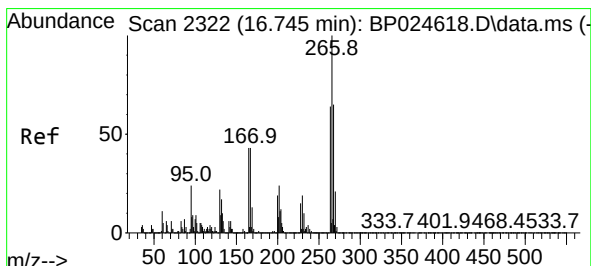
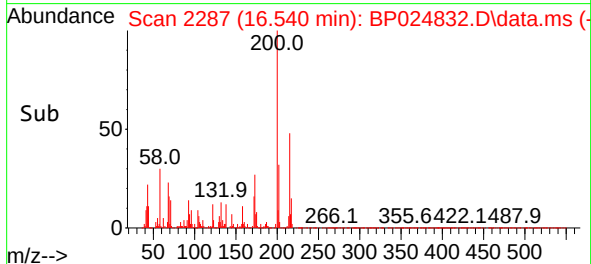
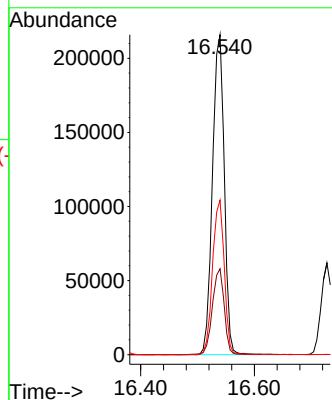
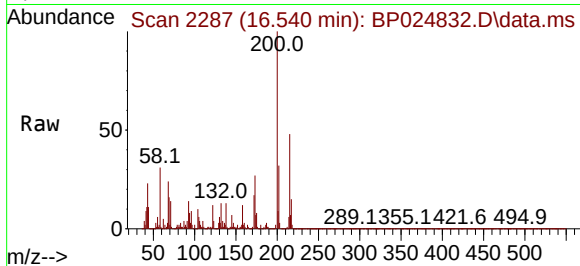




#69
Atrazine
Concen: 49.750 ng
RT: 16.540 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

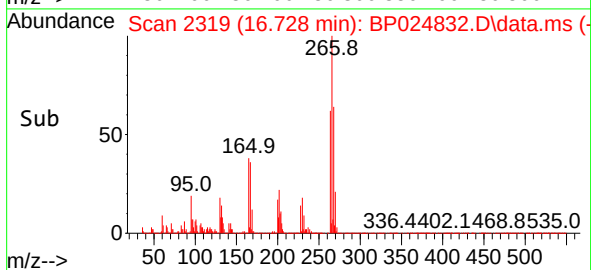
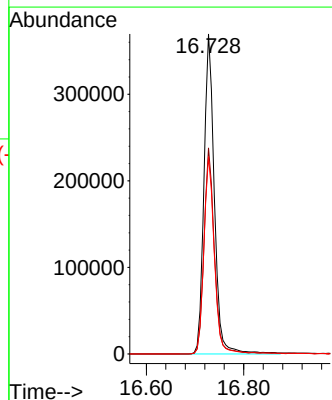
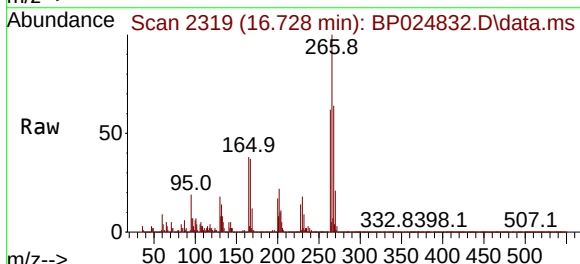
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

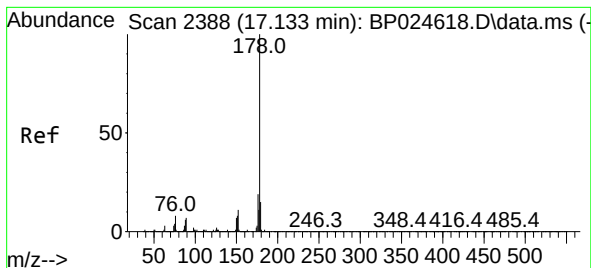
Tgt Ion:200 Resp: 309787
Ion Ratio Lower Upper
200 100
173 26.8 5.9 45.9
215 48.3 28.3 68.3



#70
Pentachlorophenol
Concen: 118.236 ng
RT: 16.728 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:266 Resp: 549732
Ion Ratio Lower Upper
266 100
268 64.4 52.2 78.4
264 61.7 51.1 76.7





#71

Phenanthrene

Concen: 46.194 ng

RT: 17.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

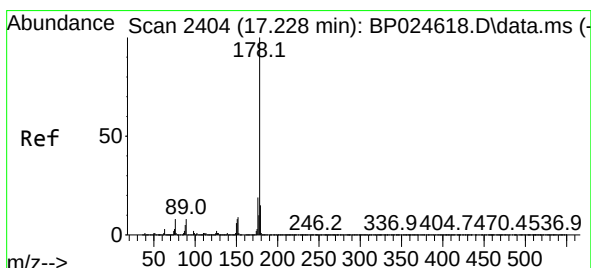
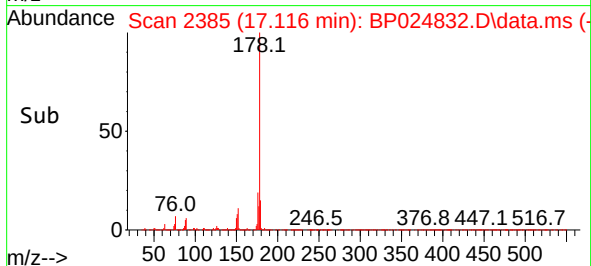
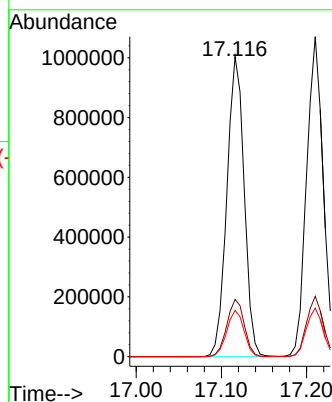
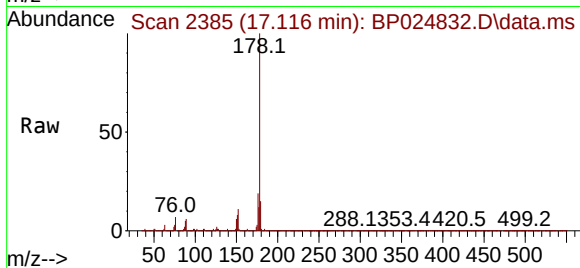
Tgt Ion:178 Resp: 1420535

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 47.007 ng

RT: 17.210 min Scan# 2401

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

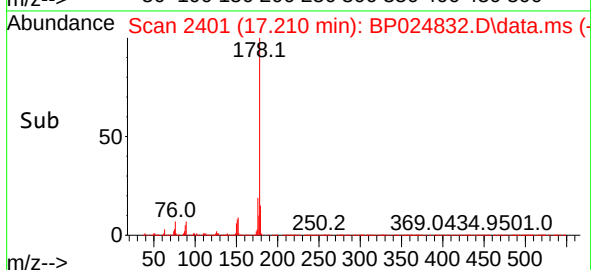
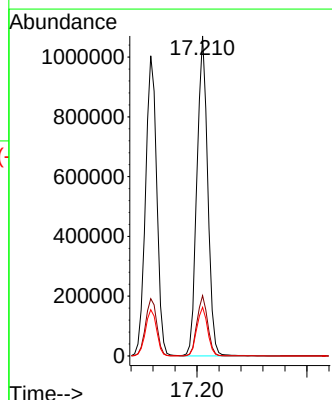
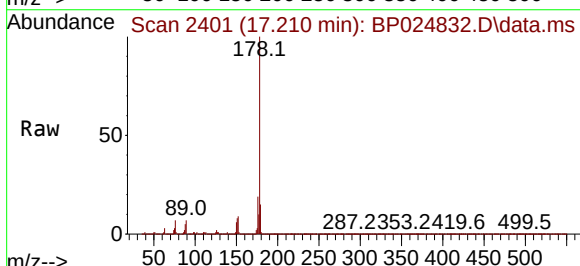
Tgt Ion:178 Resp: 1454387

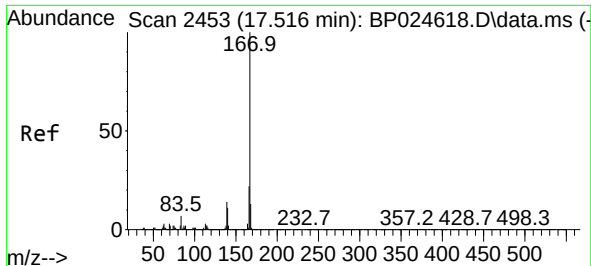
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.2 12.2 18.2

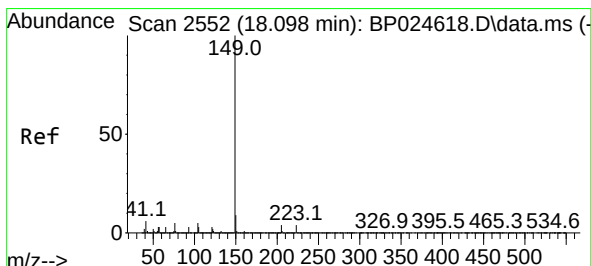
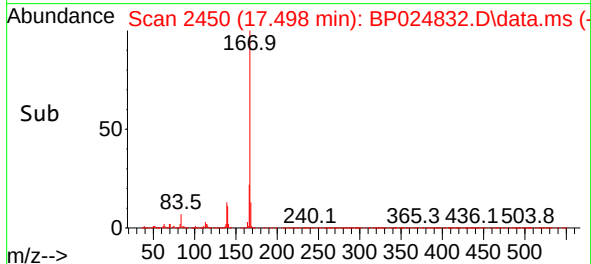
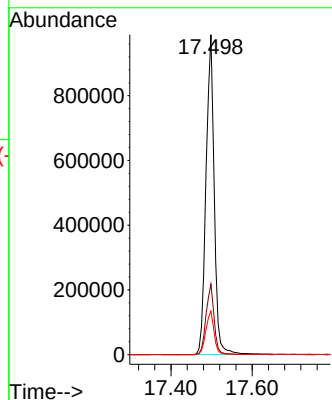
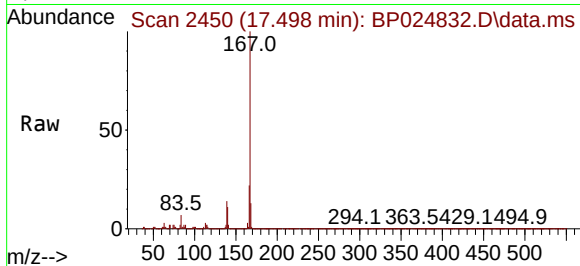




#73
 Carbazole
 Concen: 49.579 ng
 RT: 17.498 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BP024832.D
 Acq: 29 May 2025 17:06

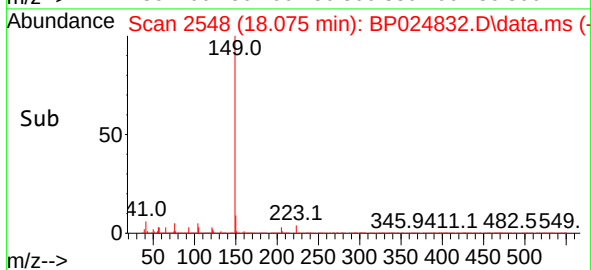
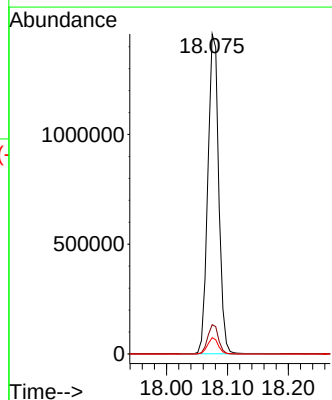
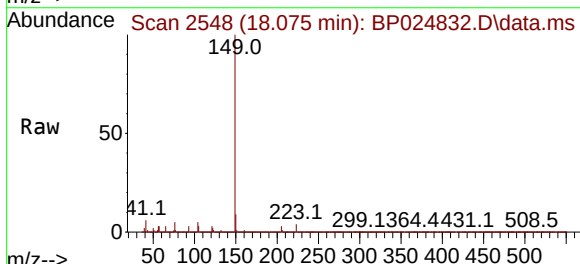
Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MS

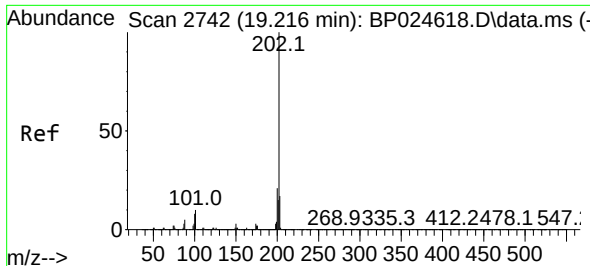
Tgt Ion:167 Resp: 1388373
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 50.232 ng
 RT: 18.075 min Scan# 2548
 Delta R.T. 0.012 min
 Lab File: BP024832.D
 Acq: 29 May 2025 17:06

Tgt Ion:149 Resp: 1809105
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.1 4.3 6.5

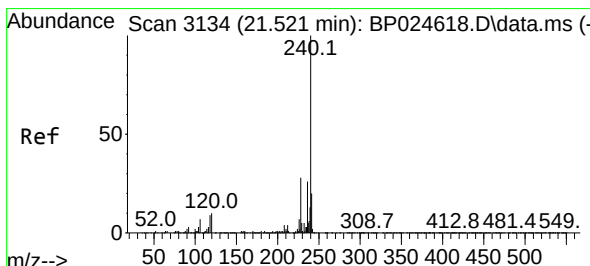
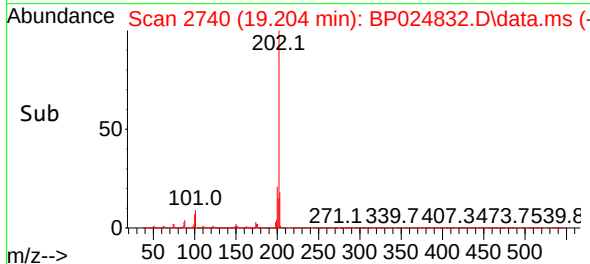
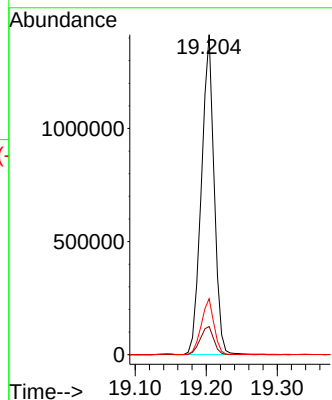
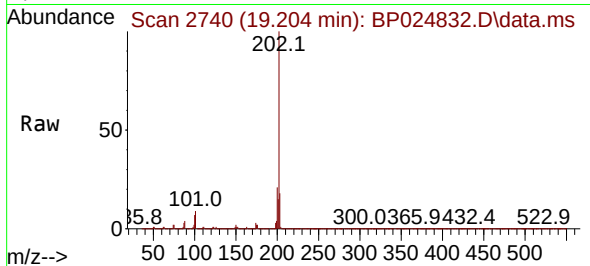




#75
Fluoranthene
Concen: 49.164 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

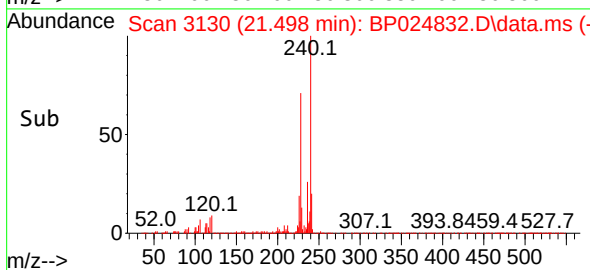
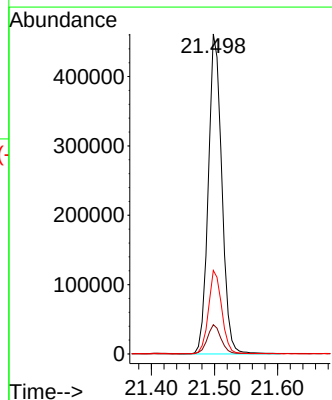
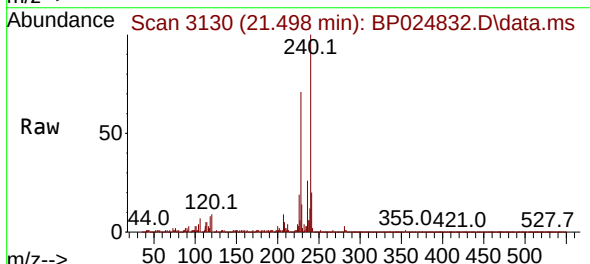
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

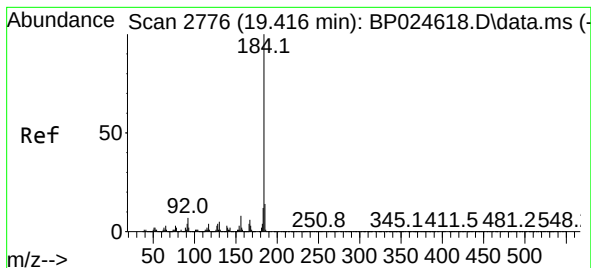
Tgt Ion:202 Resp: 1767296
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.498 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:240 Resp: 684661
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 26.1 20.6 31.0





#77

Benzidine

Concen: 43.209 ng

RT: 19.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

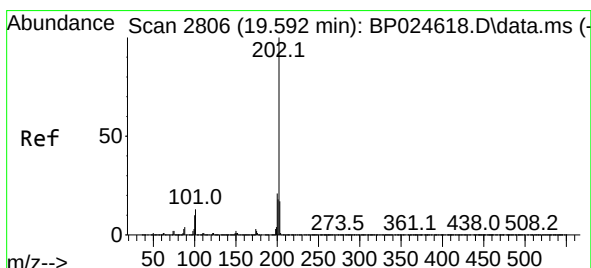
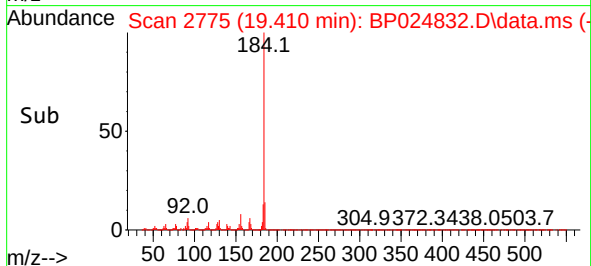
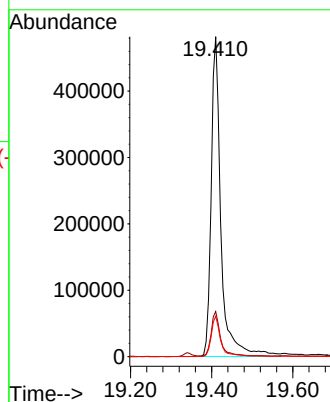
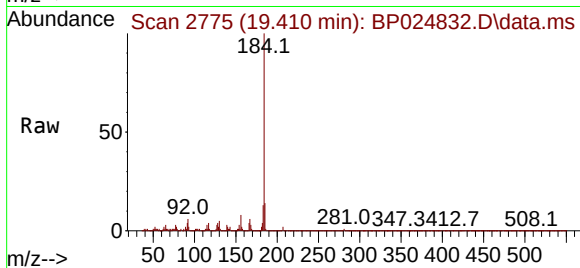
Tgt Ion:184 Resp: 805732

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 12.7 9.8 14.8



#78

Pyrene

Concen: 44.173 ng

RT: 19.575 min Scan# 2803

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

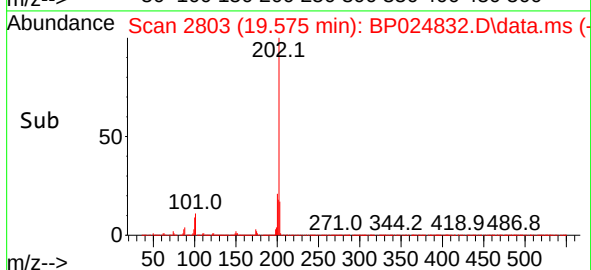
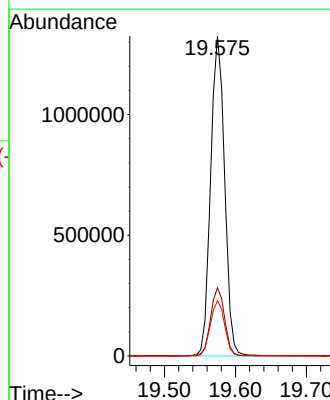
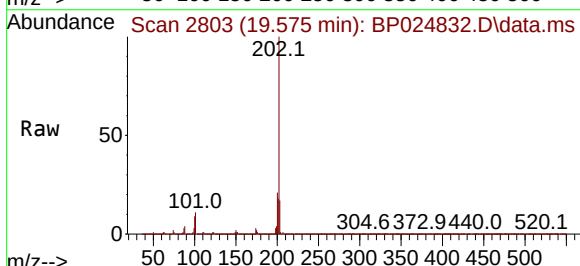
Tgt Ion:202 Resp: 1812106

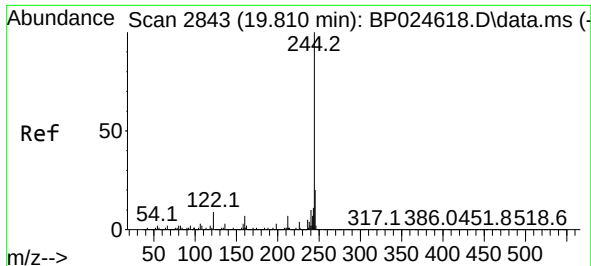
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.3 13.9 20.9

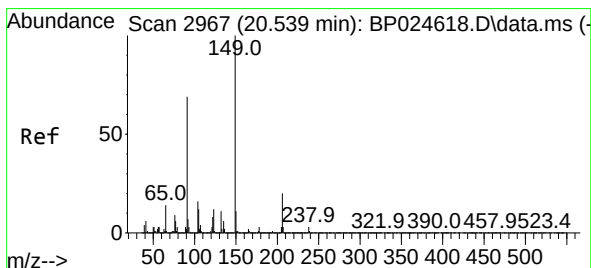
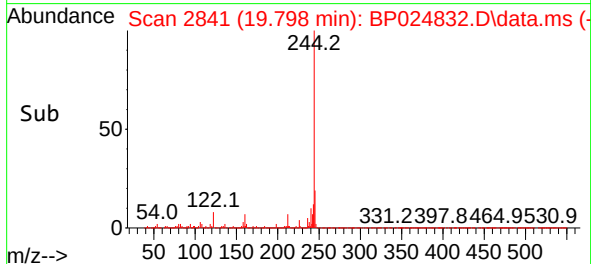
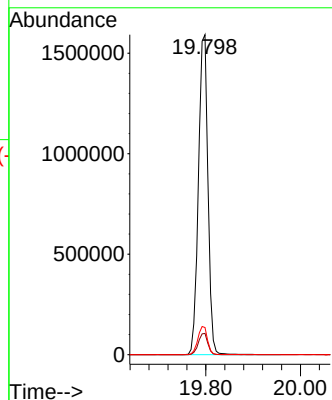
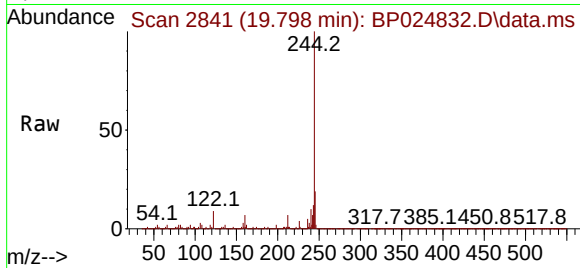




#79
 Terphenyl-d14
 Concen: 55.439 ng
 RT: 19.798 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024832.D
 Acq: 29 May 2025 17:06

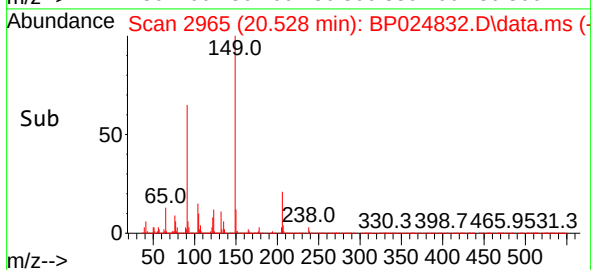
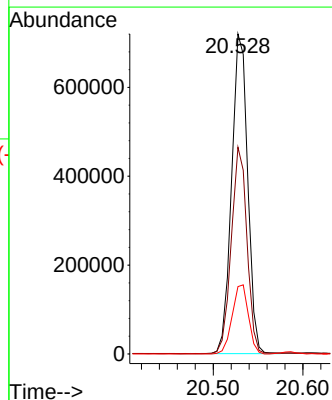
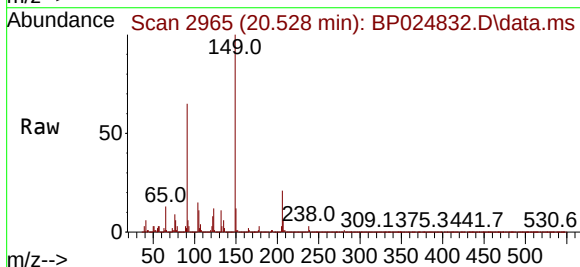
Instrument :
 BNA_P
 ClientSampleId :
 OR-646-COMP-52MS

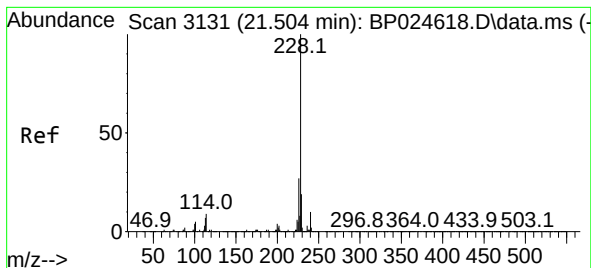
Tgt Ion:244 Resp: 2213620
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 8.5 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 48.832 ng
 RT: 20.528 min Scan# 2965
 Delta R.T. 0.006 min
 Lab File: BP024832.D
 Acq: 29 May 2025 17:06

Tgt Ion:149 Resp: 890930
 Ion Ratio Lower Upper
 149 100
 91 64.6 55.4 83.0
 206 21.1 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.123 ng

RT: 21.480 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

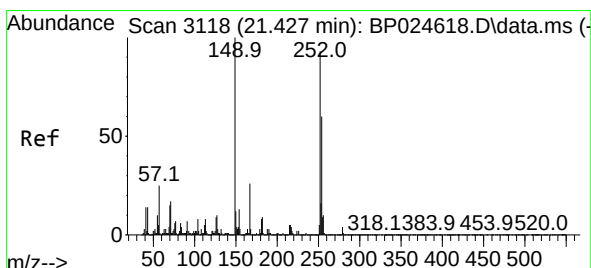
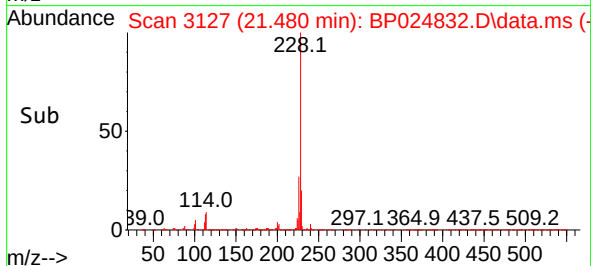
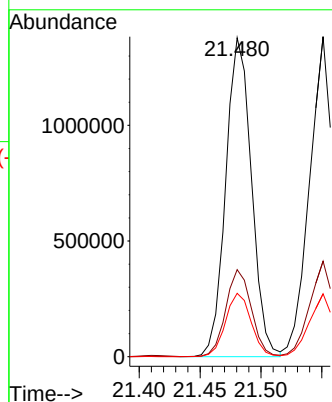
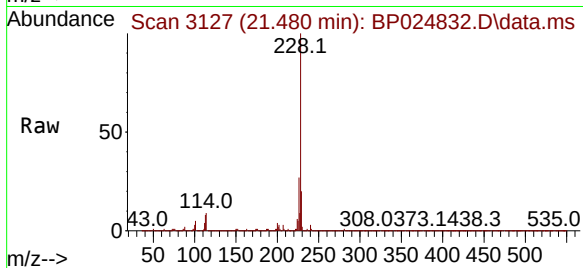
Tgt Ion:228 Resp: 2025866

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.0

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.974 ng

RT: 21.410 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

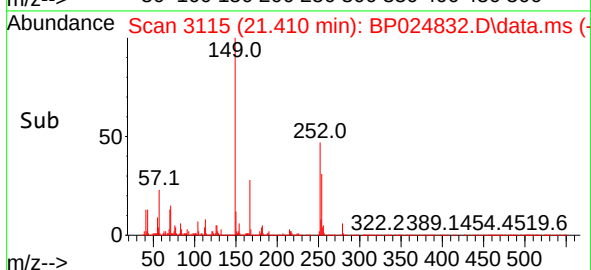
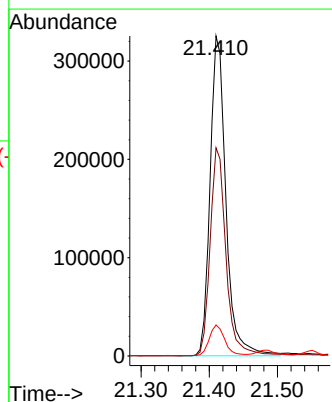
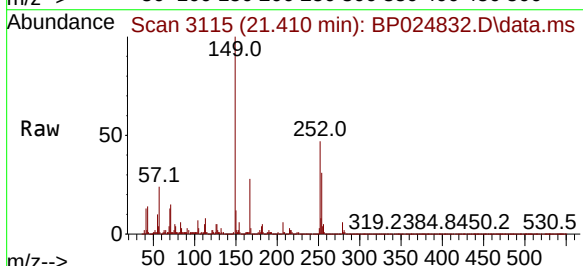
Tgt Ion:252 Resp: 526513

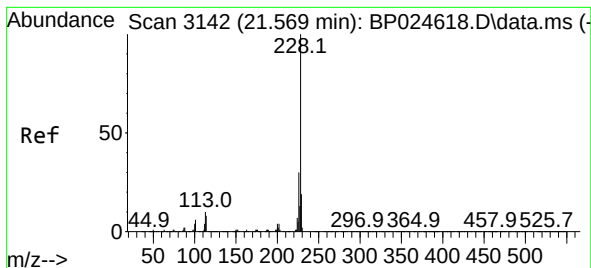
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.6

126 9.7 7.7 11.5





#83

Chrysene

Concen: 46.427 ng

RT: 21.551 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

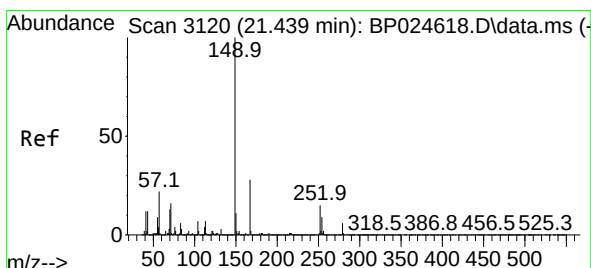
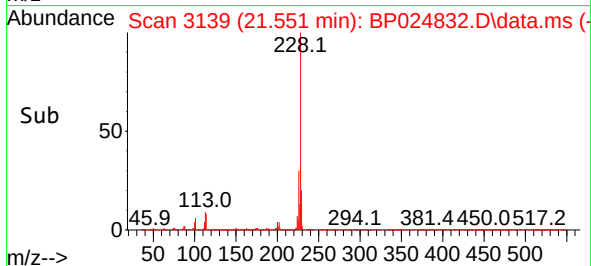
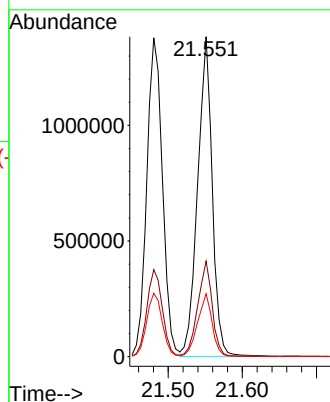
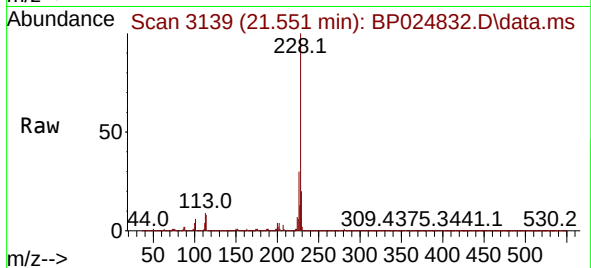
Tgt Ion:228 Resp: 1892045

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.956 ng

RT: 21.416 min Scan# 3116

Delta R.T. 0.006 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

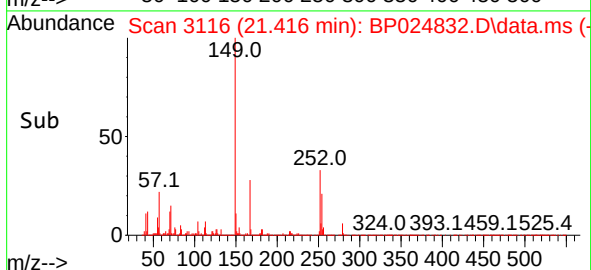
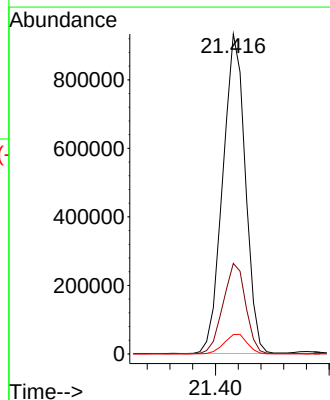
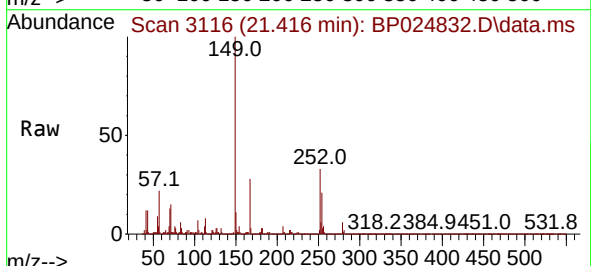
Tgt Ion:149 Resp: 1286026

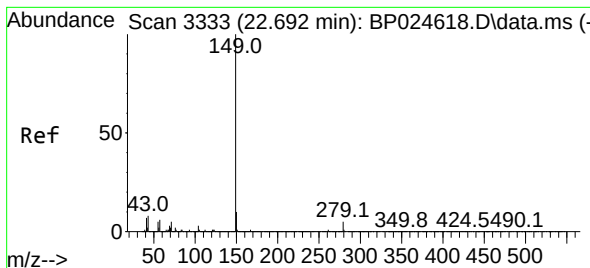
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 6.0 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 53.304 ng

RT: 22.657 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

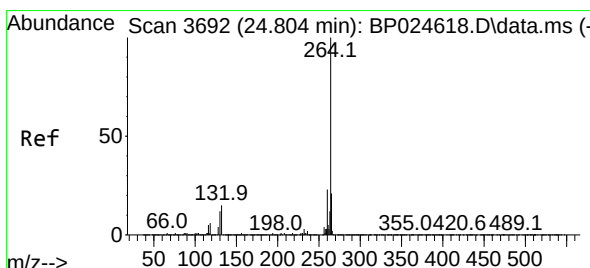
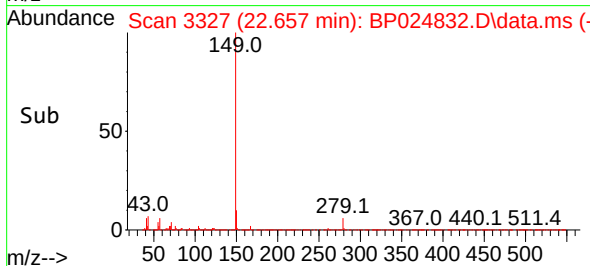
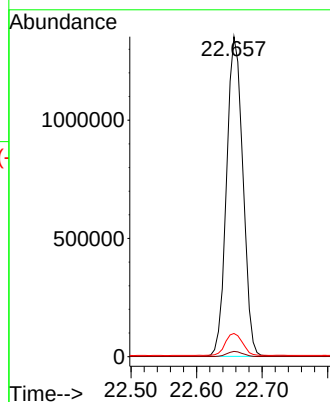
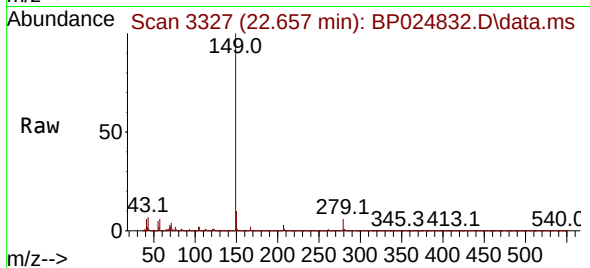
Tgt Ion:149 Resp: 2337510

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.3 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.774 min Scan# 3687

Delta R.T. 0.030 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

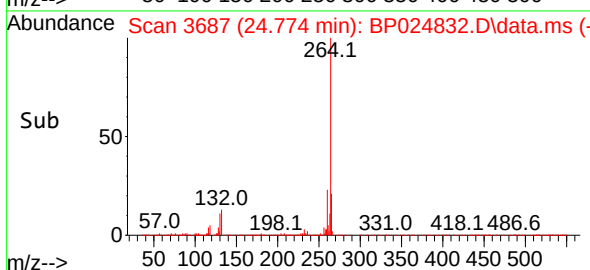
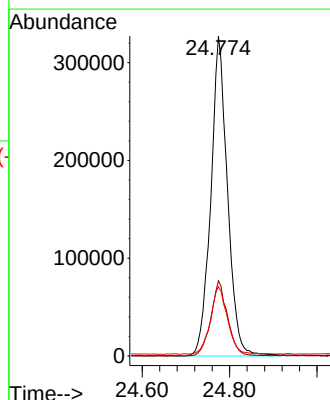
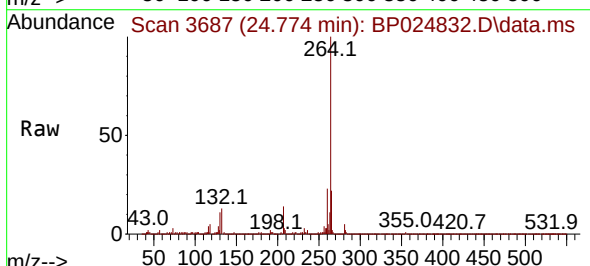
Tgt Ion:264 Resp: 867824

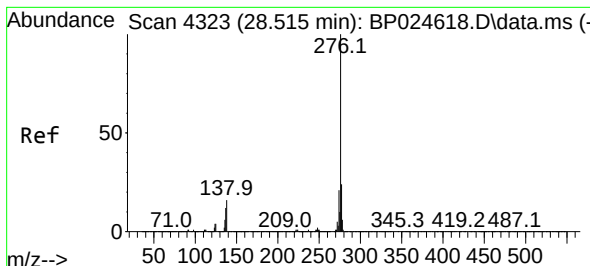
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.946 ng

RT: 28.486 min Scan# 41

Delta R.T. 0.047 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

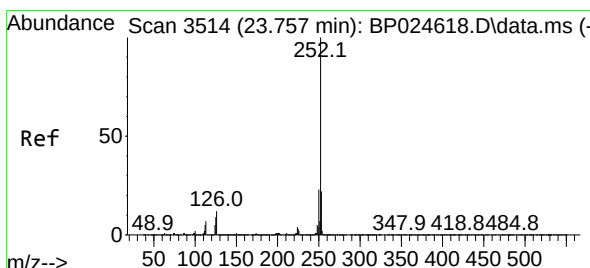
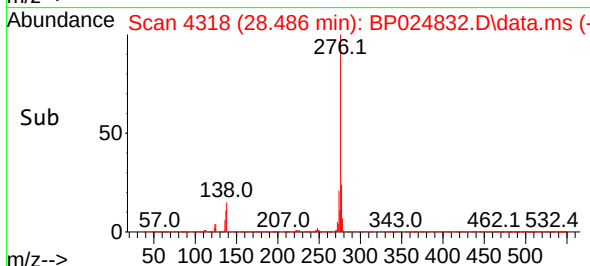
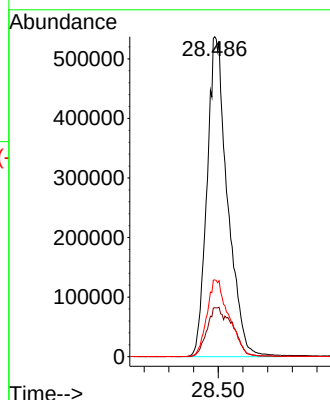
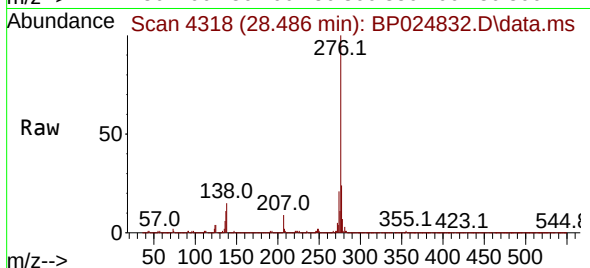
Tgt Ion:276 Resp: 3101035

Ion Ratio Lower Upper

276 100

138 11.5 11.2 16.8

277 25.8 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 45.524 ng

RT: 23.745 min Scan# 3512

Delta R.T. 0.024 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

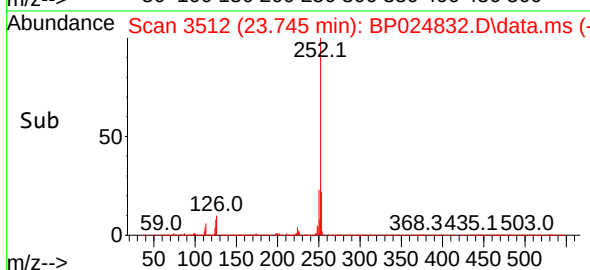
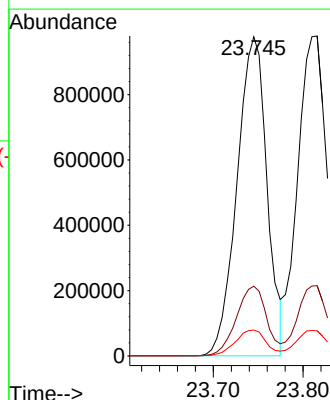
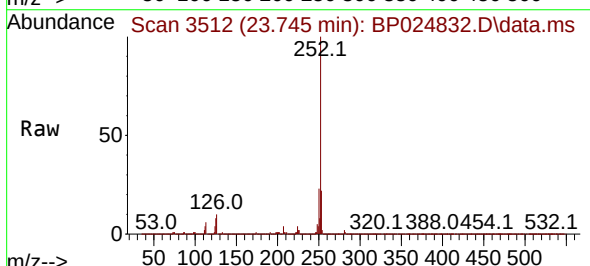
Tgt Ion:252 Resp: 2261286

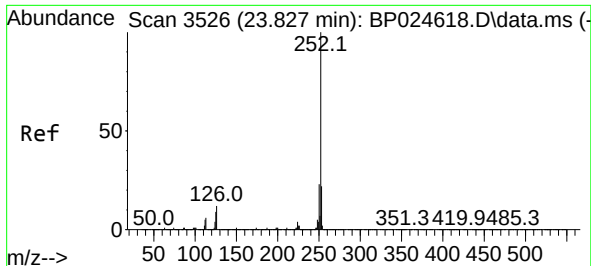
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.1 7.5 11.3

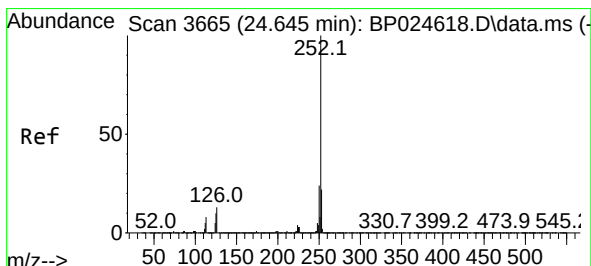
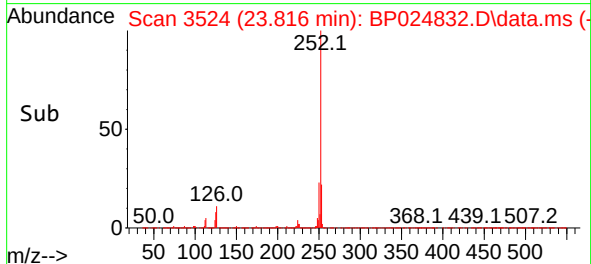
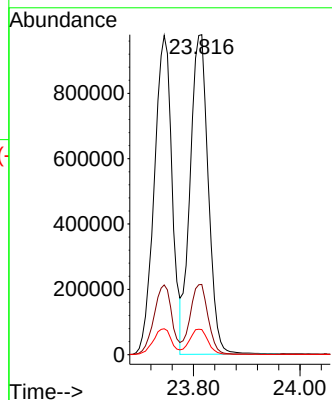
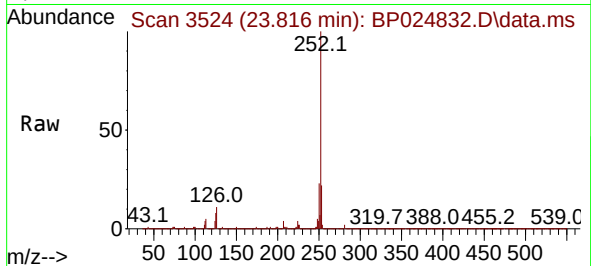




#89
Benzo(k)fluoranthene
Concen: 44.993 ng
RT: 23.816 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

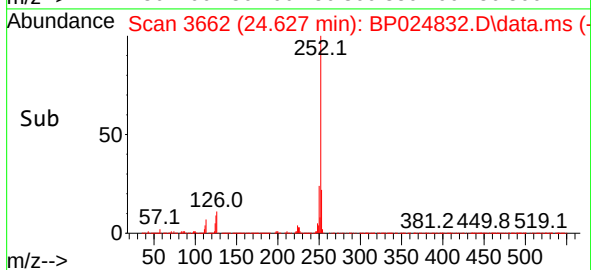
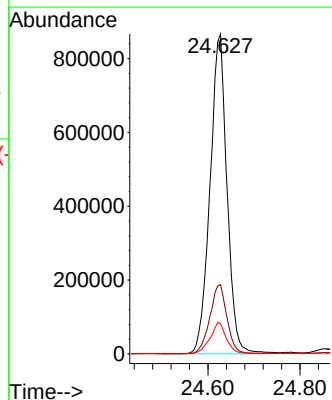
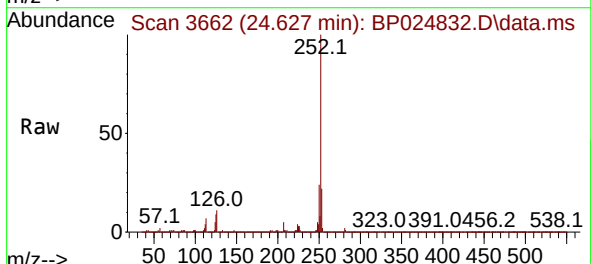
Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

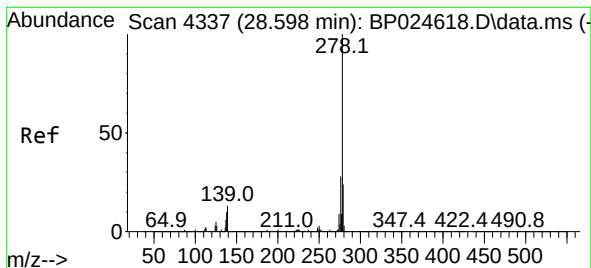
Tgt Ion:252 Resp: 2302951
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.9 7.0 10.4



#90
Benzo(a)pyrene
Concen: 46.468 ng
RT: 24.627 min Scan# 3662
Delta R.T. 0.030 min
Lab File: BP024832.D
Acq: 29 May 2025 17:06

Tgt Ion:252 Resp: 2216822
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.5 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 49.423 ng

RT: 28.557 min Scan# 41

Delta R.T. 0.036 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Instrument :

BNA_P

ClientSampleId :

OR-646-COMP-52MS

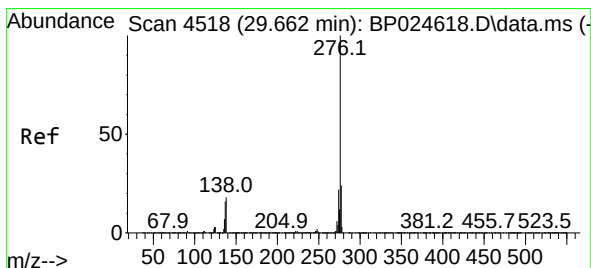
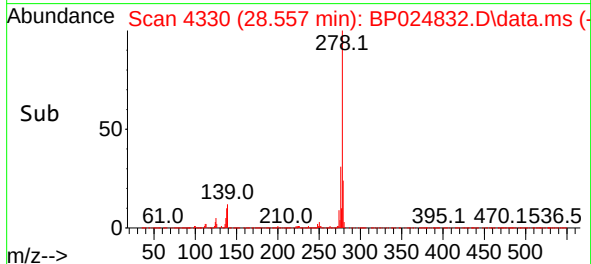
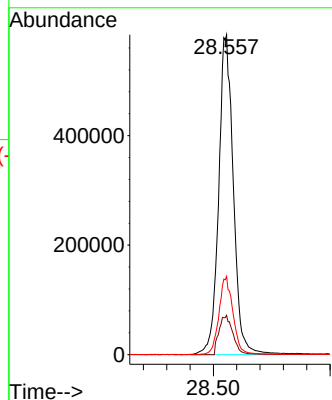
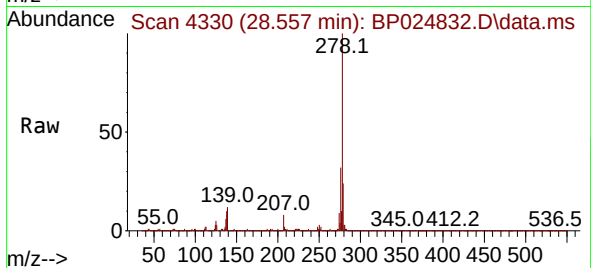
Tgt Ion:278 Resp: 2547397

Ion Ratio Lower Upper

278 100

139 12.3 10.2 15.4

279 24.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.178 ng

RT: 29.639 min Scan# 4514

Delta R.T. 0.047 min

Lab File: BP024832.D

Acq: 29 May 2025 17:06

Tgt Ion:276 Resp: 2469404

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.9 14.4 21.6

